

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
 Data File : BM019699.D
 Acq On : 02 Apr 2019 19:49
 Operator : JU/SJ
 Sample : K2148-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5F8

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.187	540	544	551	rVB3	105470	204764	3.24%	0.227%
2	6.681	624	628	635	rBV6	103486	226088	3.58%	0.251%
3	6.757	635	641	649	rBV	293720	532810	8.43%	0.591%
4	6.922	664	669	674	rBV	329063	548185	8.67%	0.608%
5	7.104	695	700	710	rVB2	476024	826294	13.07%	0.916%
6	7.569	773	779	789	rBV	592387	1113319	17.61%	1.235%
7	7.716	799	804	808	rVV3	188252	269647	4.27%	0.299%
8	7.787	808	816	818	rVV2	110536	219241	3.47%	0.243%
9	7.816	818	821	828	rVV	259504	388772	6.15%	0.431%
10	8.222	881	890	894	rBV6	81249	222693	3.52%	0.247%
11	8.286	894	901	910	rVV	411496	844093	13.35%	0.936%
12	8.363	910	914	930	rVB8	257849	722348	11.43%	0.801%
13	8.604	949	955	956	rBV3	163742	257797	4.08%	0.286%
14	8.634	956	960	969	rVV3	337986	690474	10.92%	0.766%
15	8.734	971	977	983	rVV2	539980	1161668	18.38%	1.288%
16	8.786	983	986	990	rVB3	157889	231691	3.66%	0.257%
17	8.839	990	995	998	rBV4	278383	534075	8.45%	0.592%
18	8.881	999	1002	1009	rVB3	299210	538783	8.52%	0.598%
19	8.986	1016	1020	1026	rVB2	143743	236765	3.75%	0.263%
20	9.245	1060	1064	1068	rVV	388797	566894	8.97%	0.629%
21	9.286	1068	1071	1076	rVB2	150602	210699	3.33%	0.234%
22	9.404	1085	1091	1094	rBV2	247217	478830	7.57%	0.531%
23	9.451	1094	1099	1103	rVV2	736924	1181836	18.69%	1.311%
24	9.504	1103	1108	1112	rVV2	440784	654291	10.35%	0.726%
25	9.898	1170	1175	1183	rBV4	243095	680539	10.76%	0.755%
26	9.986	1184	1190	1195	rBV	425224	872885	13.81%	0.968%
27	10.039	1196	1199	1204	rVB	298415	449945	7.12%	0.499%
28	10.104	1206	1210	1215	rBV4	163208	250718	3.97%	0.278%
29	10.180	1219	1223	1225	rBV	201070	298185	4.72%	0.331%
30	10.216	1225	1229	1235	rVB2	277231	436118	6.90%	0.484%
31	10.280	1236	1240	1243	rBV2	297353	446926	7.07%	0.496%
32	10.345	1247	1251	1257	rVB	803343	1307330	20.68%	1.450%
33	10.445	1263	1268	1270	rBV4	254744	460176	7.28%	0.510%
34	10.475	1270	1273	1276	rVB2	321096	391808	6.20%	0.435%

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35	10.516	1276	1280	1282	rBV2	281975	389593	6.16%	0.432%
36	10.704	1307	1312	1315	rBV2	235468	404742	6.40%	0.449%
37	10.804	1325	1329	1336	rVB4	345576	550124	8.70%	0.610%
38	10.869	1336	1340	1347	rVB4	300186	604820	9.57%	0.671%
39	10.939	1348	1352	1354	rBV2	188636	267082	4.22%	0.296%
40	10.975	1354	1358	1361	rBV4	344977	574816	9.09%	0.638%
41	11.022	1361	1366	1371	rVB	878025	1504544	23.80%	1.669%
42	11.151	1384	1388	1392	rVB4	258200	404247	6.39%	0.448%
43	11.239	1398	1403	1409	rVB7	362715	869339	13.75%	0.964%
44	11.304	1410	1414	1415	rBV3	138839	194206	3.07%	0.215%
45	11.339	1415	1420	1424	rBV	3195945	4631799	73.27%	5.137%
46	11.604	1460	1465	1469	rBV4	349261	578362	9.15%	0.641%
47	11.733	1483	1487	1490	rBV	283083	366697	5.80%	0.407%
48	11.775	1490	1494	1496	rBV5	182380	271344	4.29%	0.301%
49	11.833	1501	1504	1507	rBV2	215577	308646	4.88%	0.342%
50	12.122	1550	1553	1555	rBV2	142015	200273	3.17%	0.222%
51	12.392	1595	1599	1603	rBV6	316895	506572	8.01%	0.562%
52	12.463	1607	1611	1619	rVB	1091015	1890618	29.91%	2.097%
53	12.598	1631	1634	1635	rBV	185433	201202	3.18%	0.223%
54	12.680	1644	1648	1650	rBV3	242103	342420	5.42%	0.380%
55	12.727	1651	1656	1661	rVV	3636109	5233146	82.78%	5.804%
56	12.780	1662	1665	1671	rVB4	356701	660757	10.45%	0.733%
57	12.969	1694	1697	1699	rBV	238796	266444	4.21%	0.296%
58	12.998	1699	1702	1706	rVB	441143	509034	8.05%	0.565%
59	13.045	1706	1710	1714	rBV3	434090	680477	10.76%	0.755%
60	13.151	1725	1728	1731	rBV4	305427	366648	5.80%	0.407%
61	13.263	1744	1747	1752	rVB3	373471	528353	8.36%	0.586%
62	13.416	1769	1773	1777	rBV3	335490	479423	7.58%	0.532%
63	13.616	1800	1807	1810	rBV3	673121	1255824	19.86%	1.393%
64	13.651	1810	1813	1815	rVV	1286958	1601556	25.33%	1.776%
65	13.686	1815	1819	1824	rVV	4757254	6321799	100.00%	7.012%
66	13.739	1826	1828	1834	rVB3	409190	579541	9.17%	0.643%
67	13.857	1844	1848	1852	rBV5	352866	560576	8.87%	0.622%
68	13.927	1852	1860	1868	rVV	1212721	2413900	38.18%	2.677%
69	14.033	1874	1878	1885	rVB2	710311	1349239	21.34%	1.496%
70	14.098	1885	1889	1890	rBV3	171872	211335	3.34%	0.234%
71	14.180	1899	1903	1906	rBV2	441734	701062	11.09%	0.778%

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72	14.233	1907	1912	1917	rVB2	1490673	2359296	37.32%	2.617%
73	14.304	1922	1924	1929	rVB4	252143	299272	4.73%	0.332%
74	14.451	1945	1949	1952	rVB2	236832	313707	4.96%	0.348%
75	14.615	1973	1977	1982	rBV2	353492	568920	9.00%	0.631%
76	14.745	1994	1999	2003	rVB3	630079	1010659	15.99%	1.121%
77	14.851	2014	2017	2025	rVB6	213377	428361	6.78%	0.475%
78	14.998	2039	2042	2046	rBV3	174073	257029	4.07%	0.285%
79	15.168	2068	2071	2077	rVB4	133210	198240	3.14%	0.220%
80	15.233	2077	2082	2087	rBV	1528657	2080416	32.91%	2.307%
81	15.386	2104	2108	2113	rVB	426424	602536	9.53%	0.668%
82	15.474	2117	2123	2129	rVB	912768	1381988	21.86%	1.533%
83	15.686	2156	2159	2163	rVB	196355	239649	3.79%	0.266%
84	15.957	2199	2205	2209	rBV	1189505	1737543	27.48%	1.927%
85	16.774	2340	2344	2349	rBV	219788	301530	4.77%	0.334%
86	16.992	2374	2381	2386	rBV	1878150	2600946	41.14%	2.885%
87	17.092	2392	2398	2409	rVB	1750567	2440040	38.60%	2.706%
88	17.880	2527	2532	2544	rBV2	268733	494767	7.83%	0.549%
89	19.062	2729	2733	2738	rVV	293472	399949	6.33%	0.444%
90	19.174	2748	2752	2761	rBV2	139964	234656	3.71%	0.260%
91	19.398	2785	2790	2795	rBV2	2062923	3034342	48.00%	3.365%
92	20.903	3042	3046	3055	rVB3	239113	350438	5.54%	0.389%
93	21.203	3090	3097	3101	rBV	2565915	3426247	54.20%	3.800%
94	21.239	3101	3103	3108	rVB	153316	186226	2.95%	0.207%
95	22.215	3265	3269	3279	rVB3	228903	355960	5.63%	0.395%
96	22.703	3349	3352	3356	rVB	265134	323910	5.12%	0.359%
97	23.268	3441	3448	3454	rBV2	1651870	3146831	49.78%	3.490%
98	23.409	3466	3472	3488	rVB	1700702	3193003	50.51%	3.541%
99	23.880	3548	3552	3558	rVB	282064	502944	7.96%	0.558%
100	24.597	3670	3674	3682	rVB2	224765	454140	7.18%	0.504%

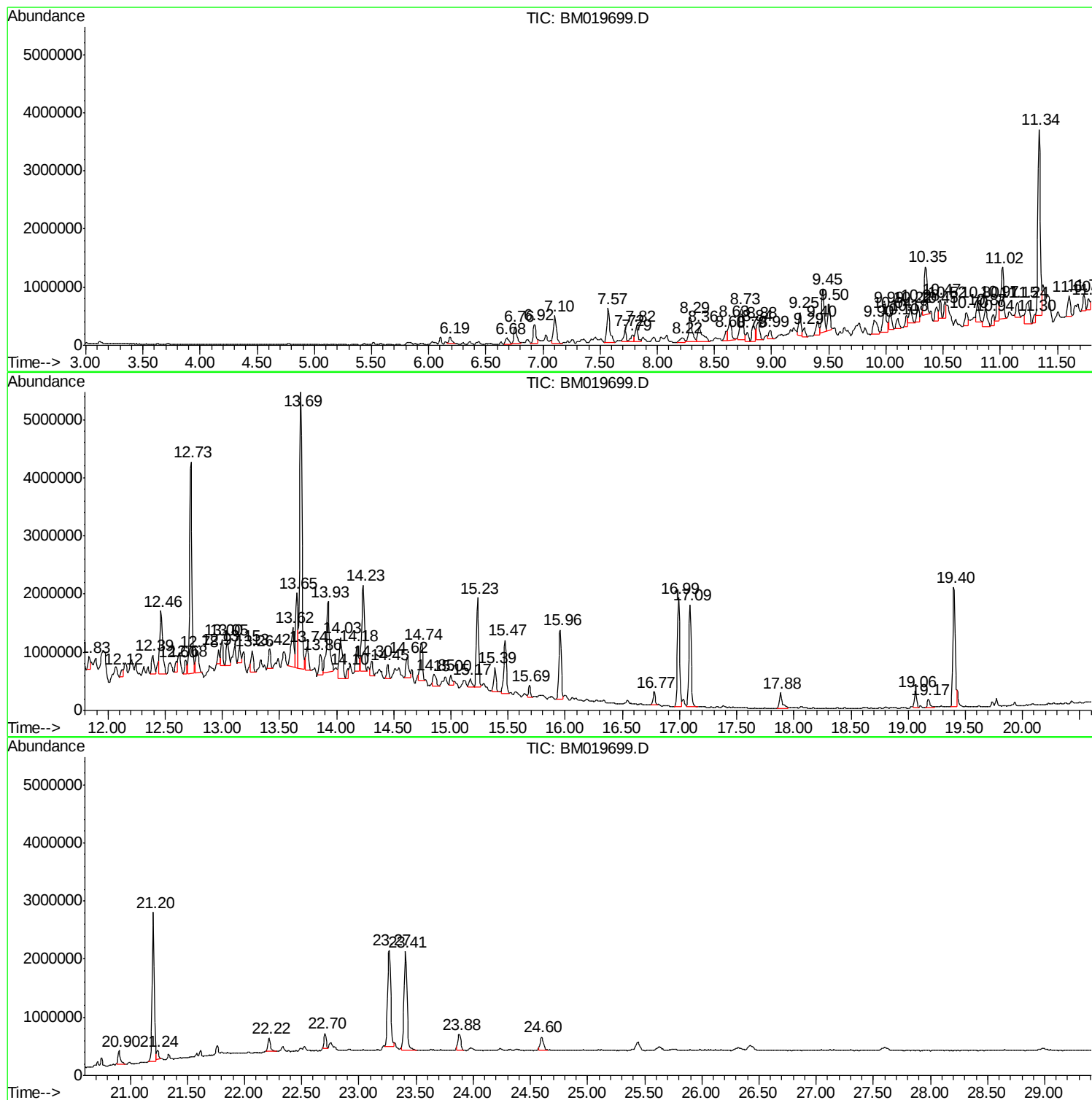
Sum of corrected areas: 90160792

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BNA_M
ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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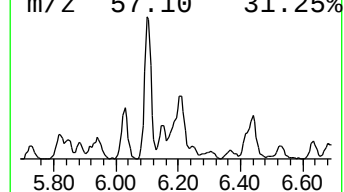
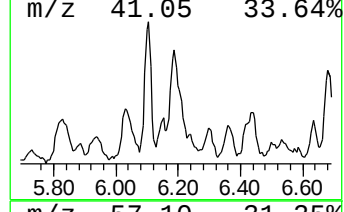
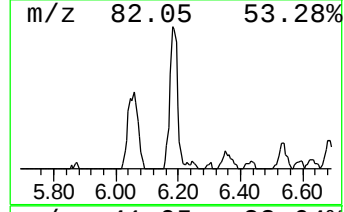
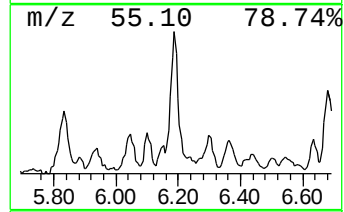
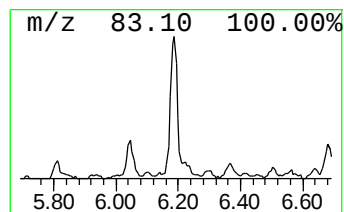
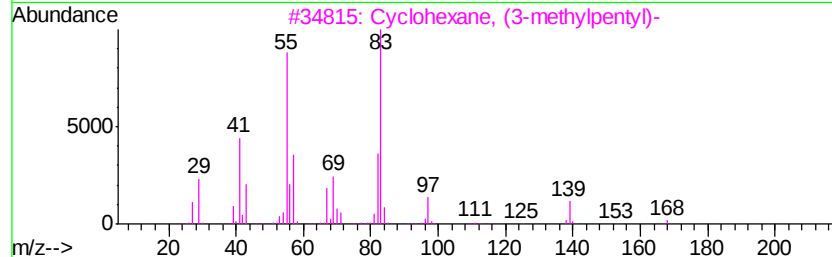
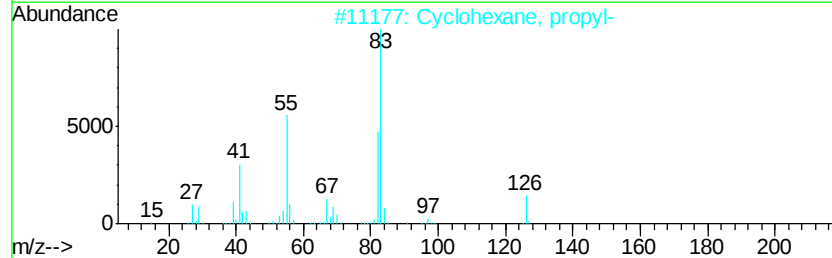
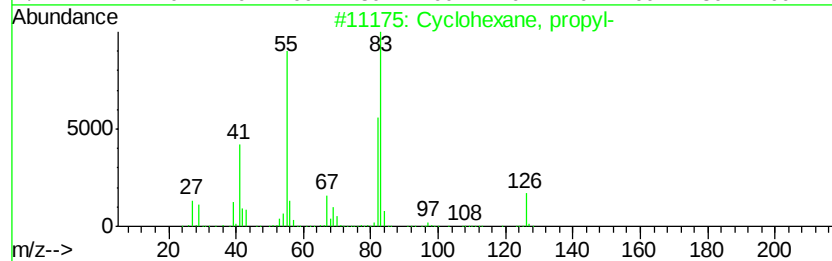
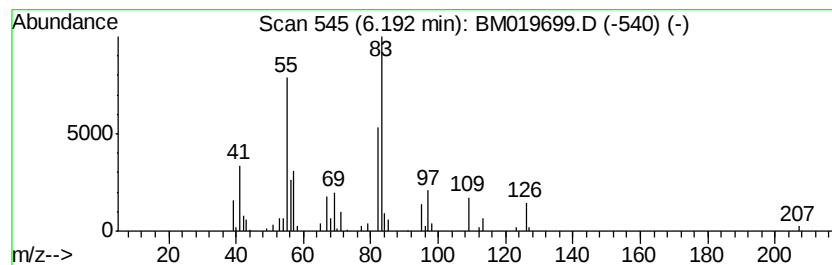
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Cyclic6.19 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.19	3.68 ng/ul	204764	1,4-Dichlorobenzene-d4	7.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	87
2			Cyclohexane, propyl-	126	C9H18	001678-92-8	74
3			Cyclohexane, (3-methylpentyl)-	168	C12H24	061142-38-9	72
4			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	64
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	64



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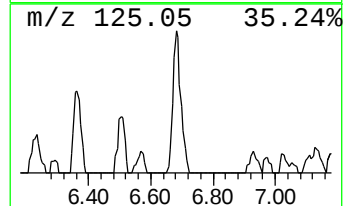
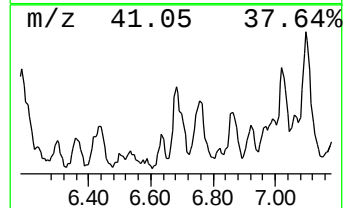
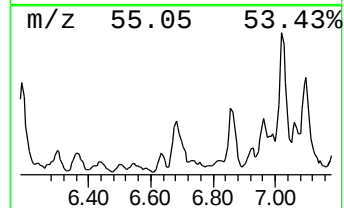
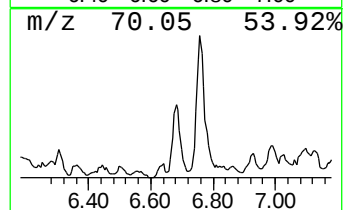
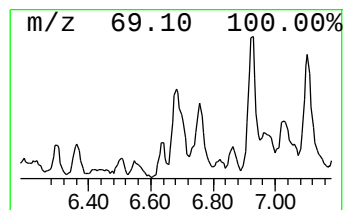
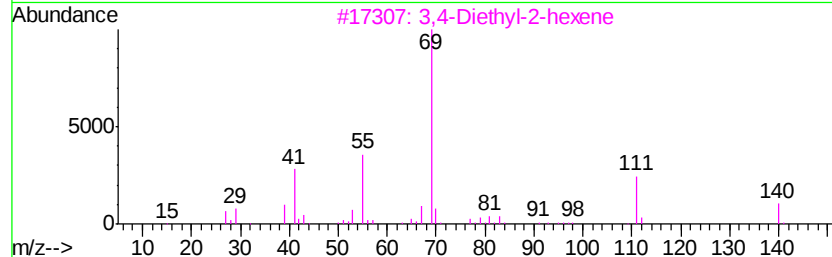
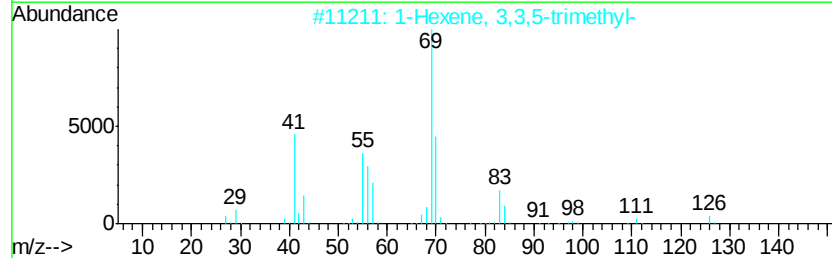
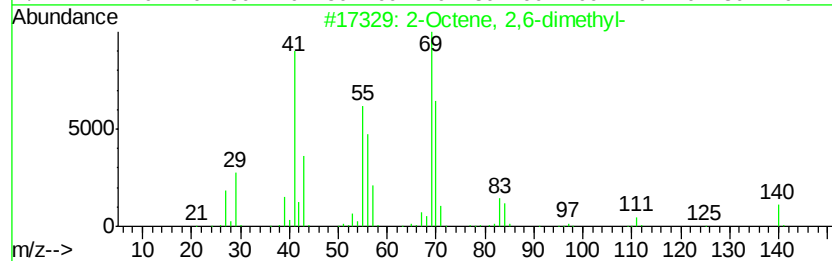
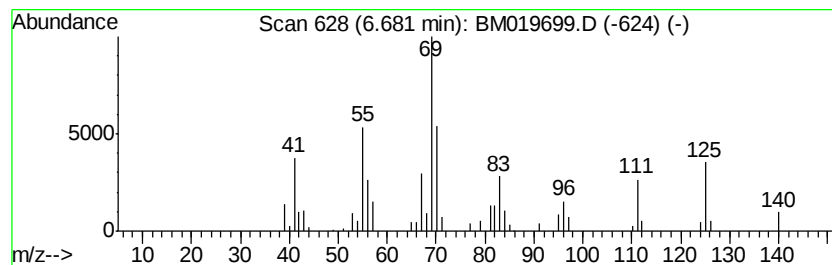
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic6.68 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	4.06 ng/ul	226088	1,4-Dichlorobenzene-d4	7.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	49
2			1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	46
3			3,4-Diethyl-2-hexene	140	C10H20	1000113-54-8	43
4			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	43
5			4-Methyl-2-heptene	112	C8H16	003404-56-6	43



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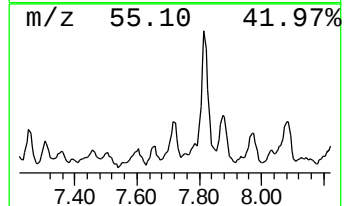
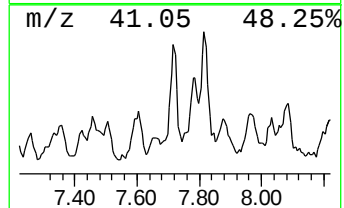
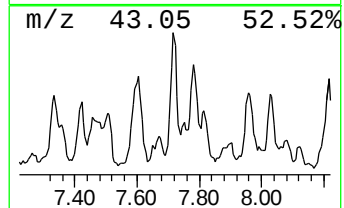
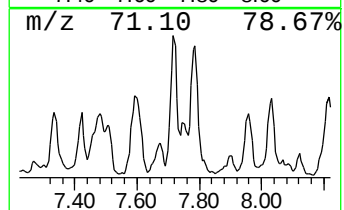
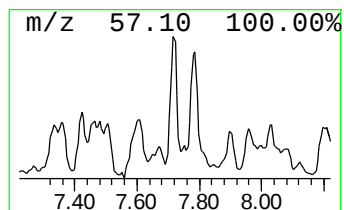
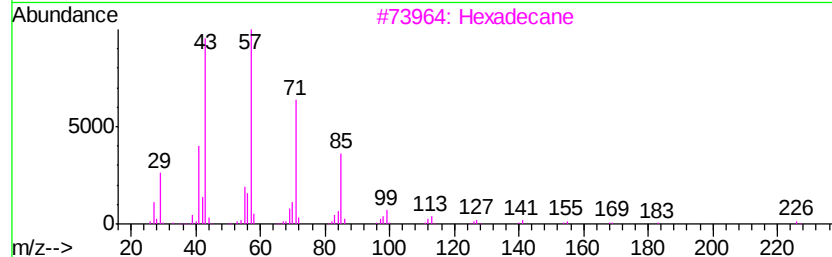
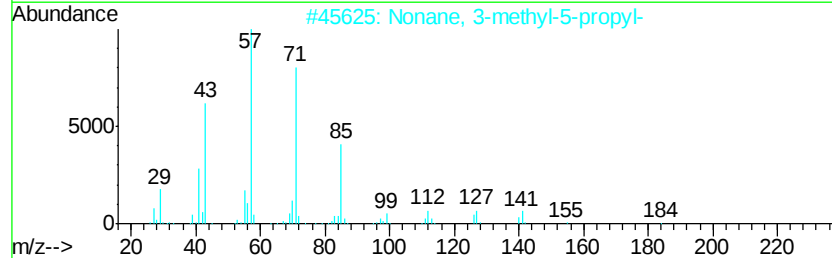
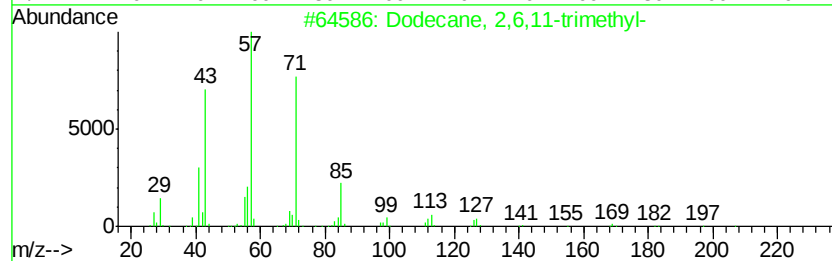
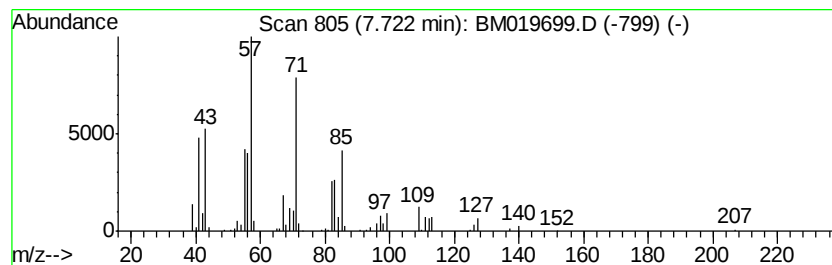
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	4.84 ng/ul	269647	1,4-Dichlorobenzene-d4	7.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53
2			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	53
3			Hexadecane	226	C16H34	000544-76-3	53
4			Octacosane	394	C28H58	000630-02-4	53
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
Acq On : 02 Apr 2019 19:49
Operator : JU/SJ
Sample : K2148-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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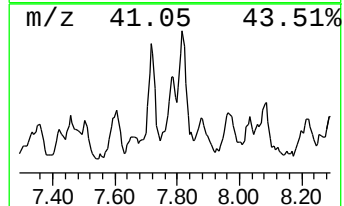
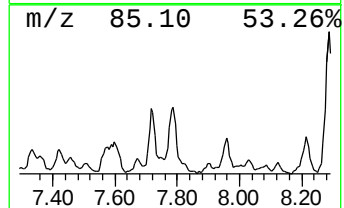
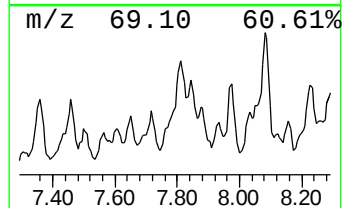
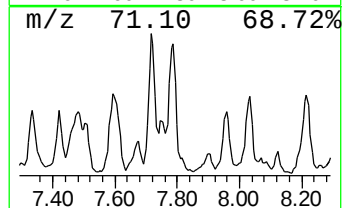
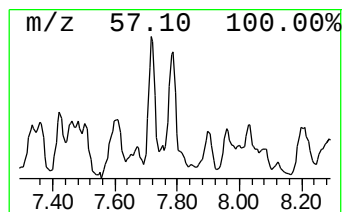
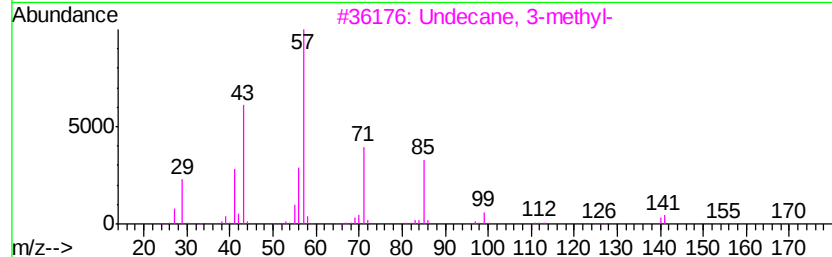
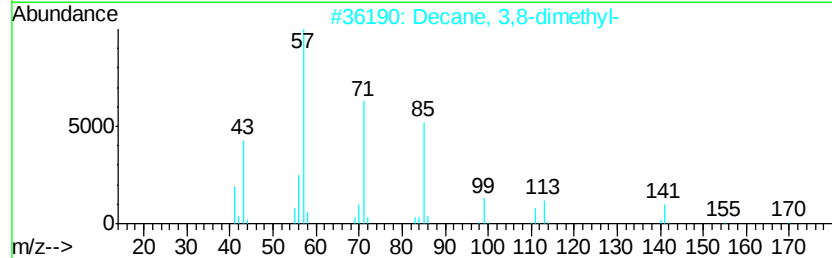
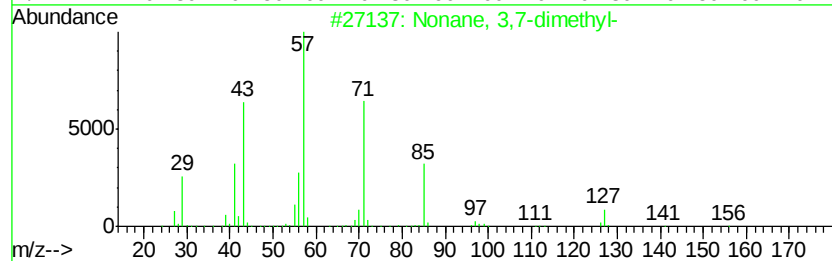
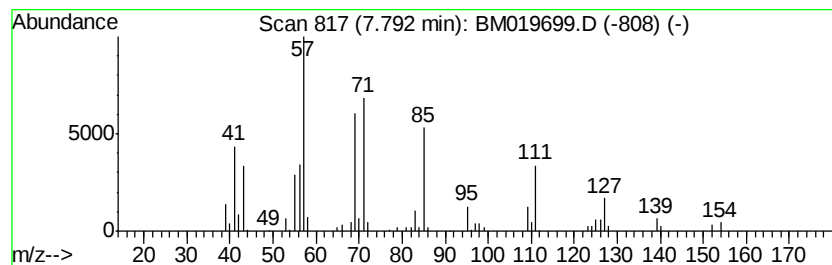
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	3.94 ng/ul	219241	1,4-Dichlorobenzene-d4	7.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
3			Undecane, 3-methyl-	170	C12H26	001002-43-3	59
4			Undecane, 3-methyl-	170	C12H26	001002-43-3	59
5			Dodecane	170	C12H26	000112-40-3	53



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Sample : K2148-11
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ClientSampleId :
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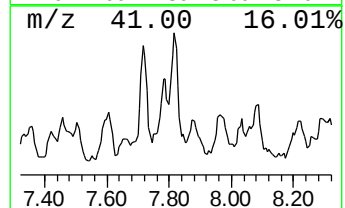
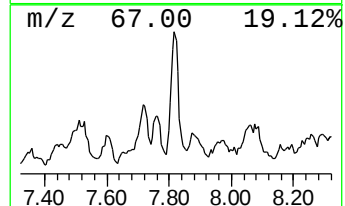
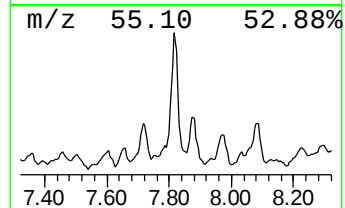
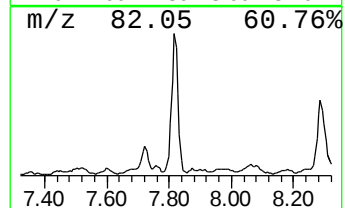
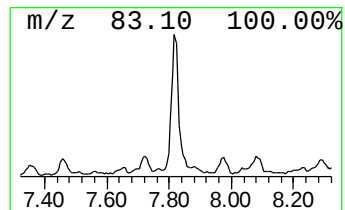
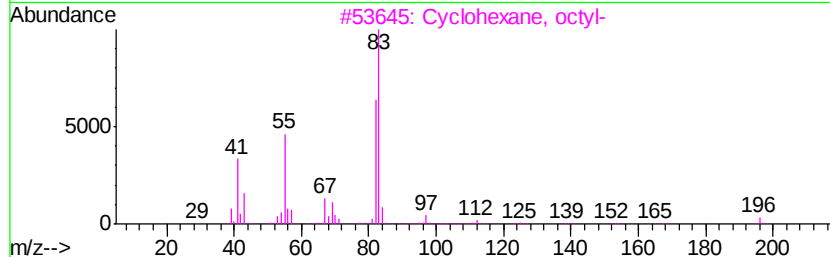
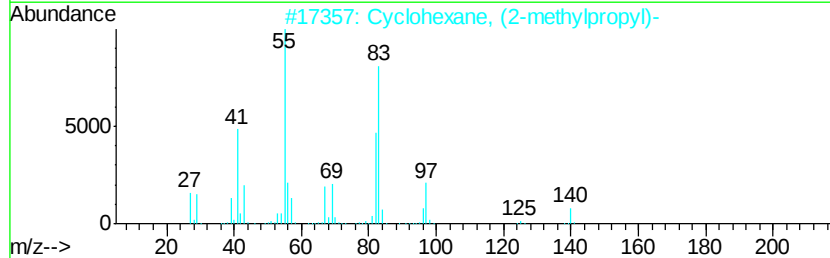
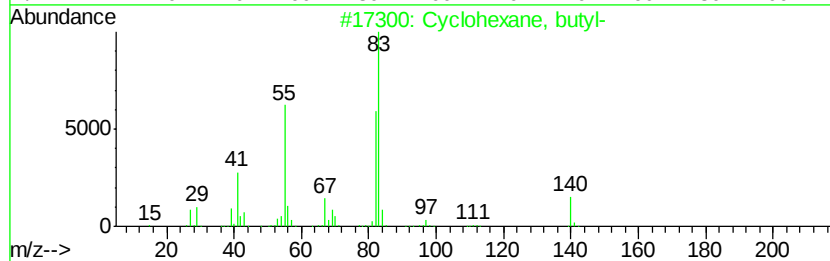
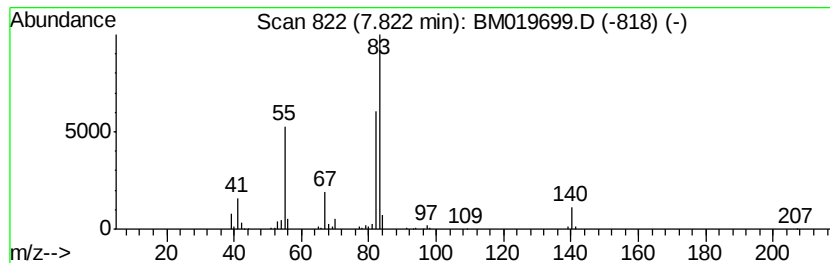
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Cyclic7.82 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	6.98 ng/ul	388772	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
3		Cyclohexane, octyl-	196	C14H28	001795-15-9	72
4		Cyclohexane, decyl-	224	C16H32	001795-16-0	72
5		Cyclohexane, undecyl-	238	C17H34	054105-66-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
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Operator : JU/SJ
Sample : K2148-11
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ALS Vial : 9 Sample Multiplier: 1

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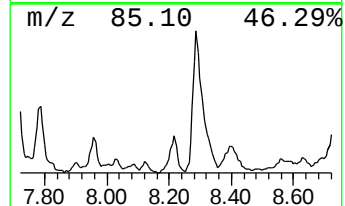
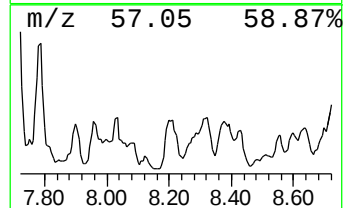
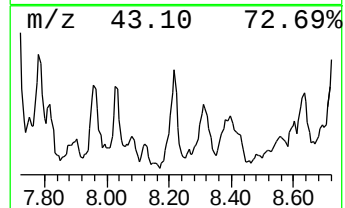
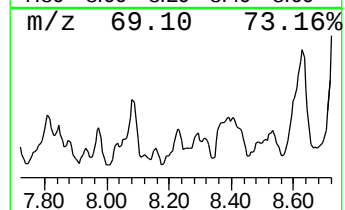
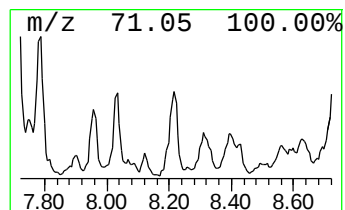
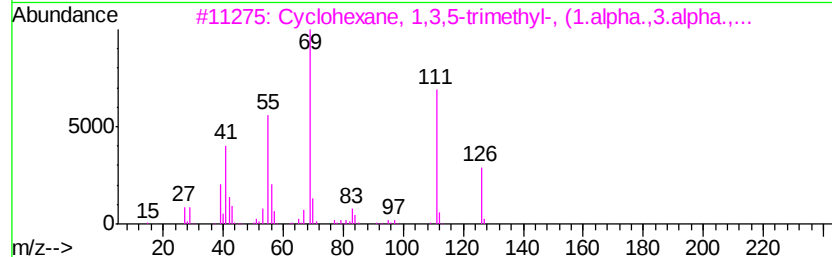
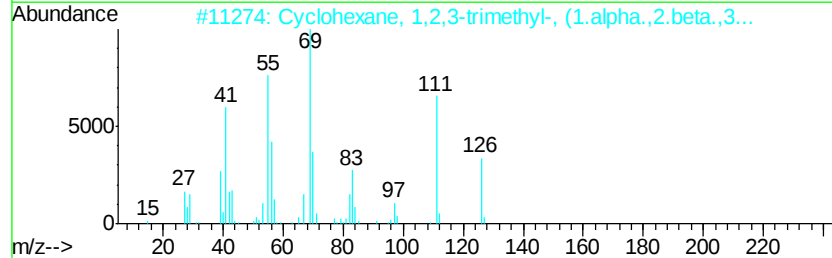
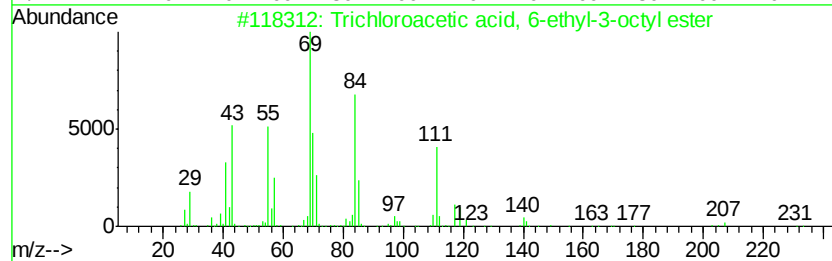
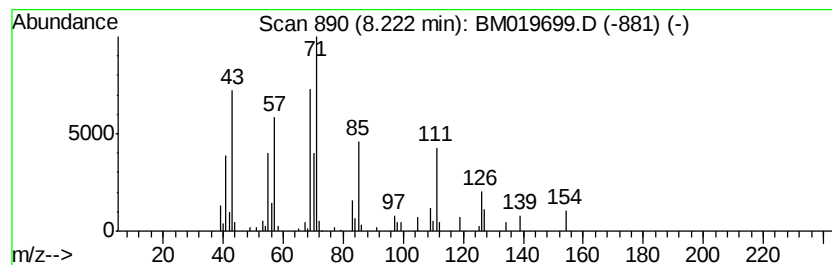
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown-01 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	4.00 ng/ul	222693	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, 6-ethyl-3-...	302	C12H21Cl3O2	1000282-57-4	43
2		Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	41
3		Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	41
4		Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	38
5		2-(Acetylmethylene)tetrahydrofuran	126	C7H10O2	112595-65-0	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
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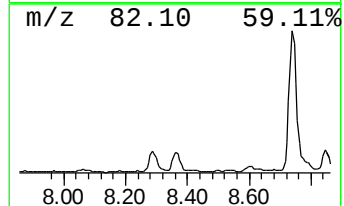
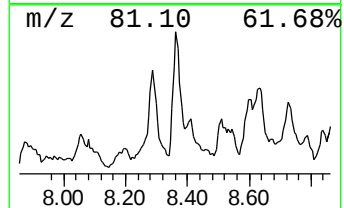
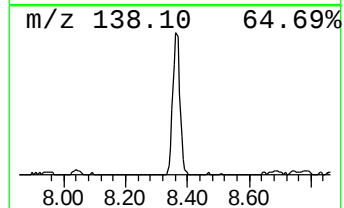
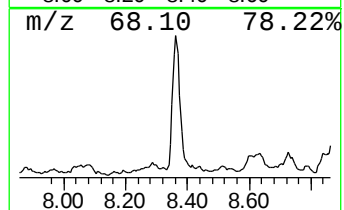
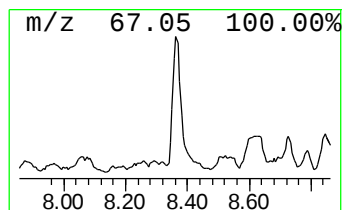
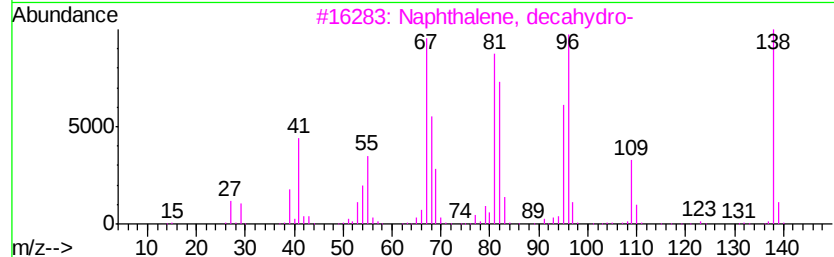
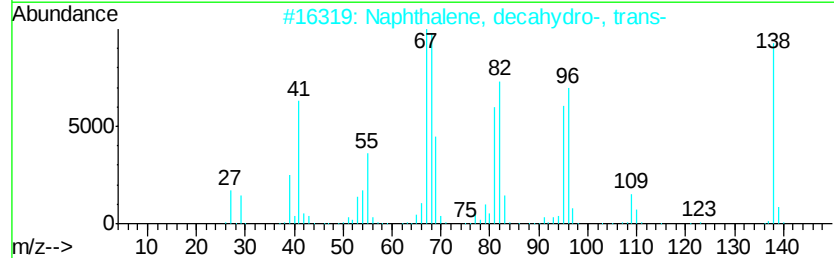
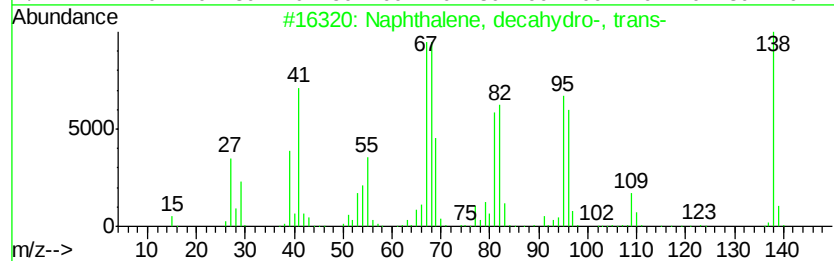
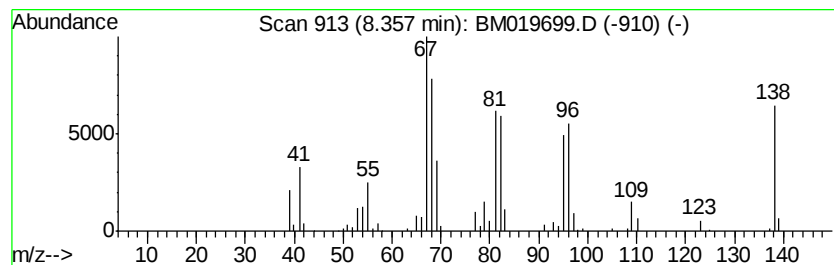
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, decahydro-, tr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	12.98 ng/ul	722348	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	97
2		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
3		Naphthalene, decahydro-	138	C10H18	000091-17-8	96
4		Naphthalene, decahydro-	138	C10H18	000091-17-8	95
5		Naphthalene, decahydro-	138	C10H18	000091-17-8	94



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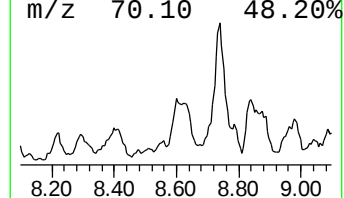
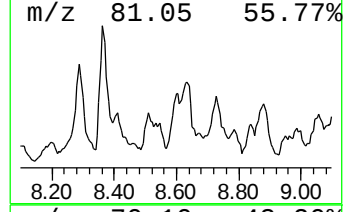
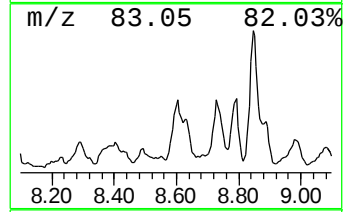
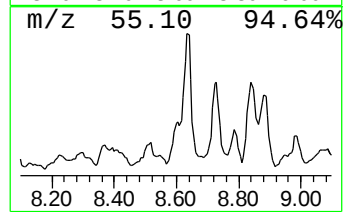
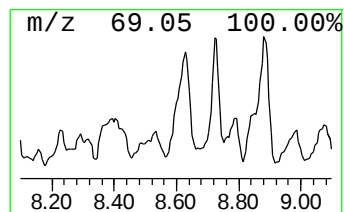
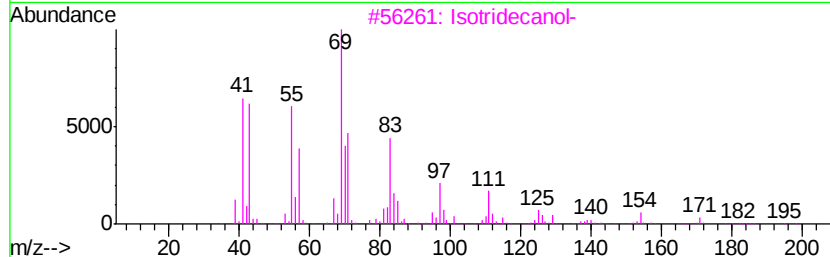
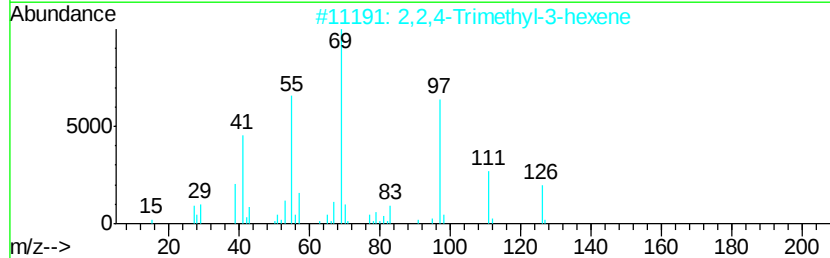
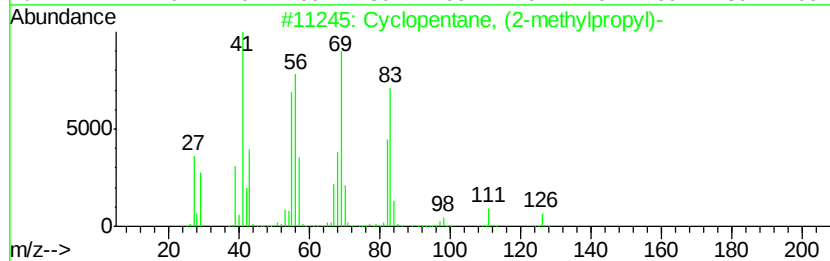
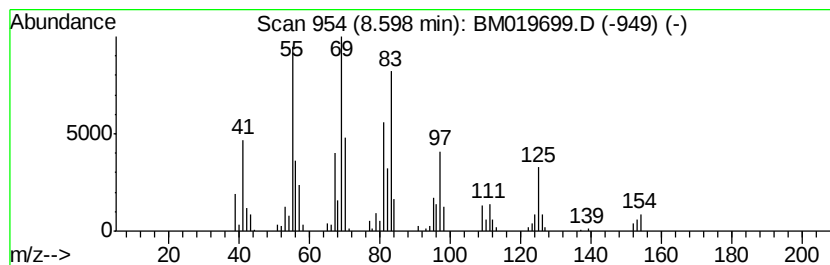
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Cyclic8.60 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	4.63 ng/ul	257797	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	49
2		2,2,4-Trimethyl-3-hexene	126	C9H18	059643-72-0	38
3		Isotridecanol-	200	C13H28O	027458-92-0	35
4		(2-Methylbutyl)cyclohexane	154	C11H22	054105-77-0	30
5		1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	30



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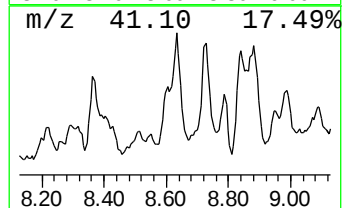
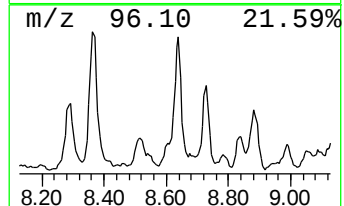
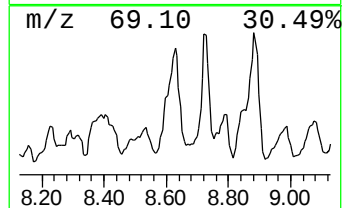
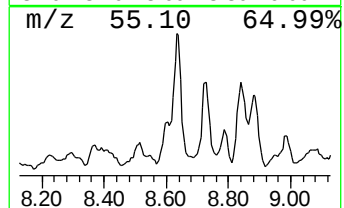
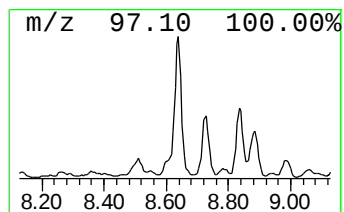
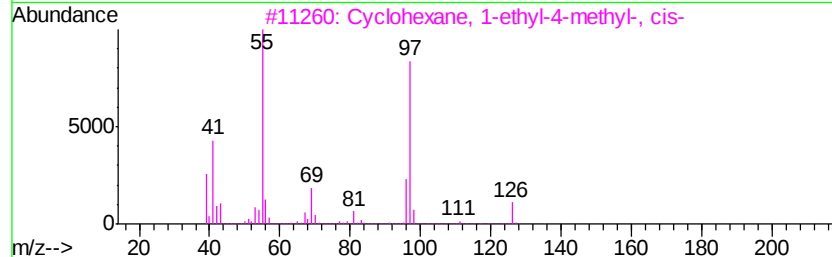
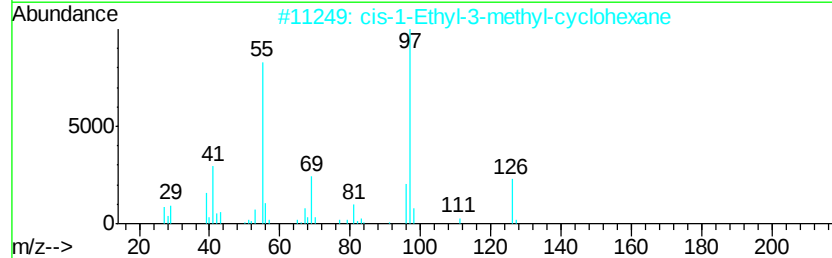
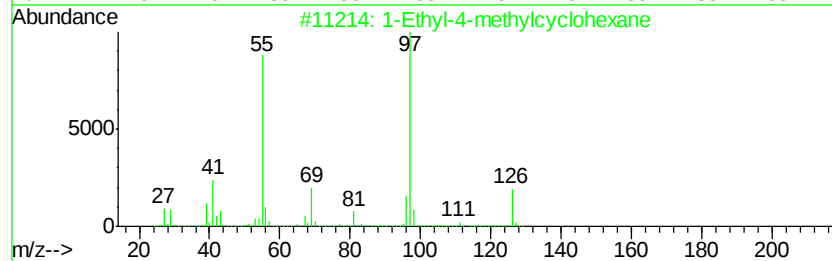
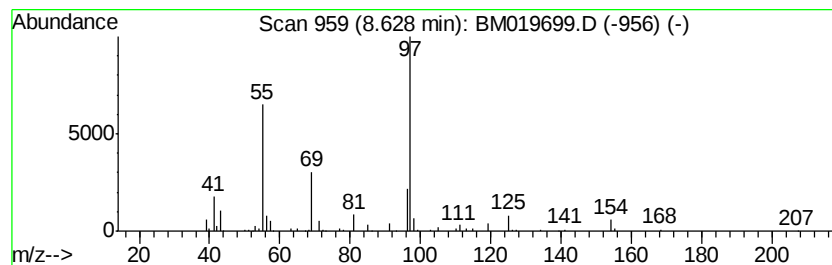
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Cyclic8.63 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	12.40 ng/ul	690474	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64
2		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	64
3		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	56
4		Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	56
5		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	56



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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
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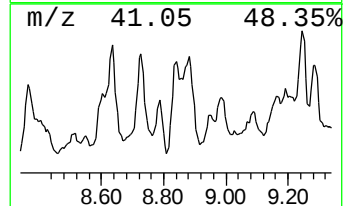
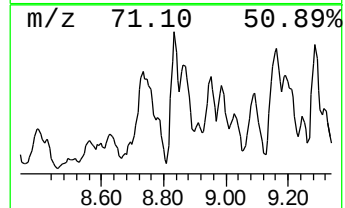
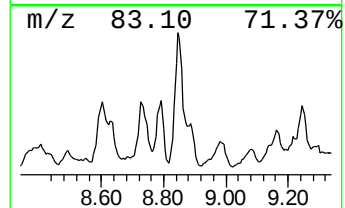
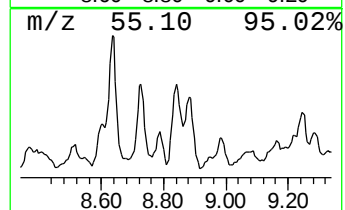
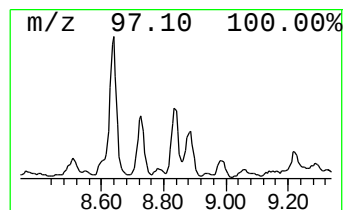
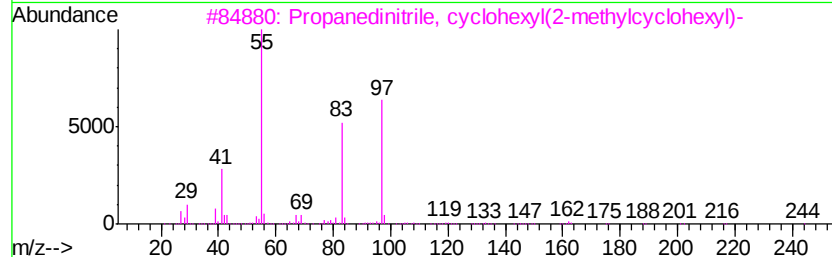
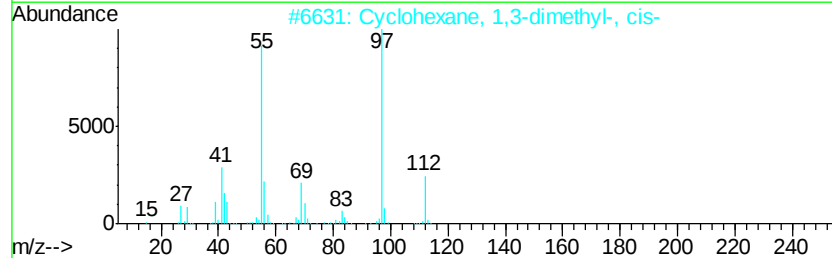
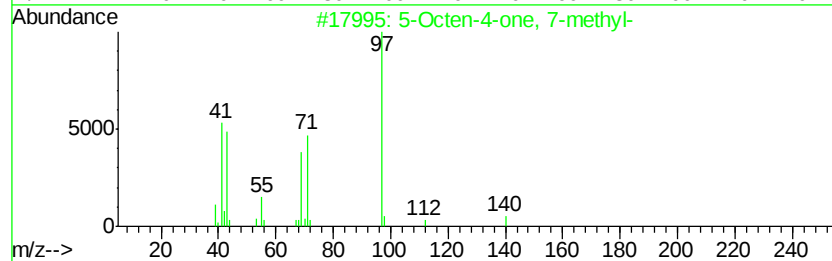
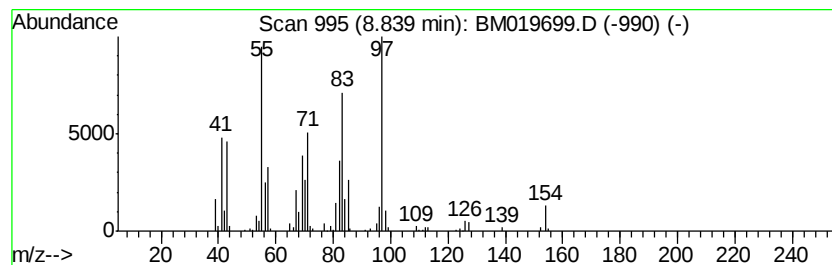
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown-02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	9.59 ng/ul	534075	1,4-Dichlorobenzene-d4	7.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Octen-4-one, 7-methyl-	140	C9H16O	032064-78-1	38
2			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	38
3			Propanedinitrile, cyclohexyl(2-m...	244	C16H24N2	074764-55-9	38
4			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	35
5			1H-Pyrazole, 5-ethyl-4,5-dihydro...	126	C7H14N2	021981-22-6	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
Acq On : 02 Apr 2019 19:49
Operator : JU/SJ
Sample : K2148-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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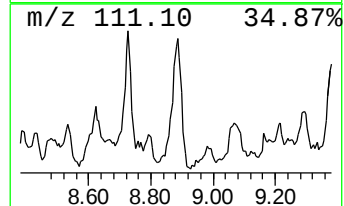
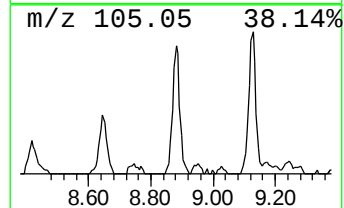
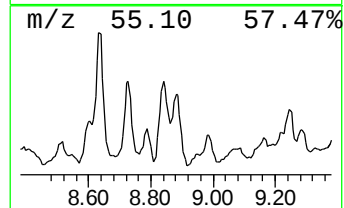
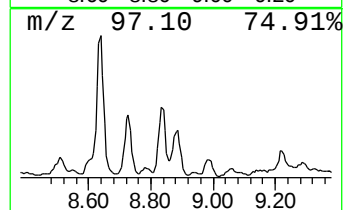
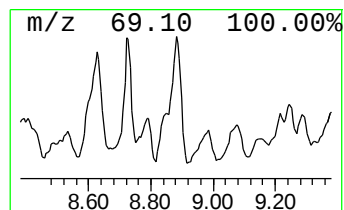
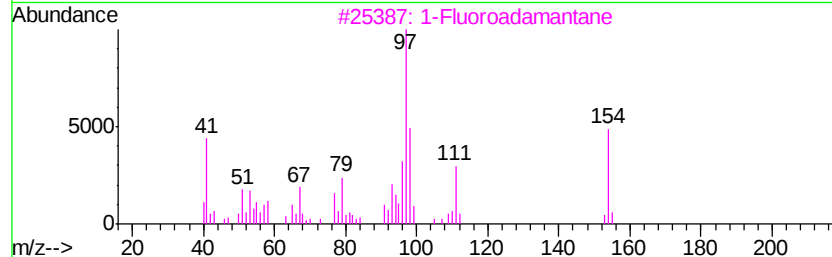
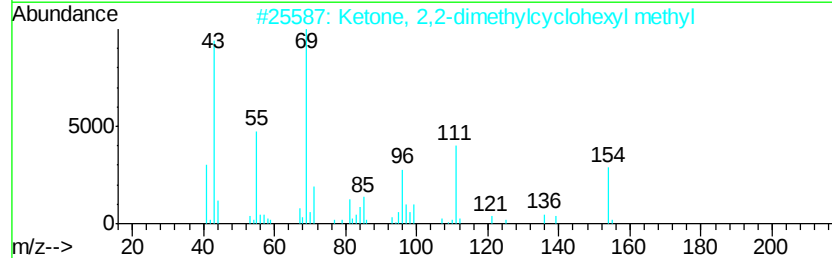
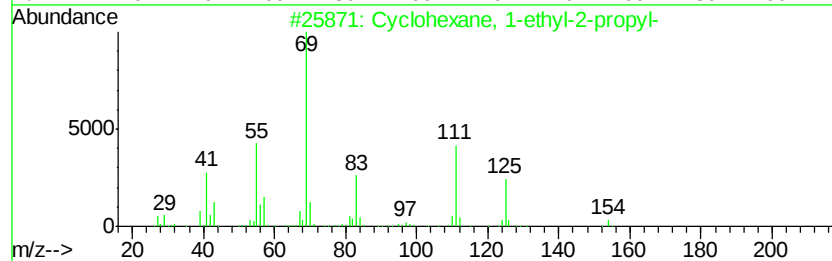
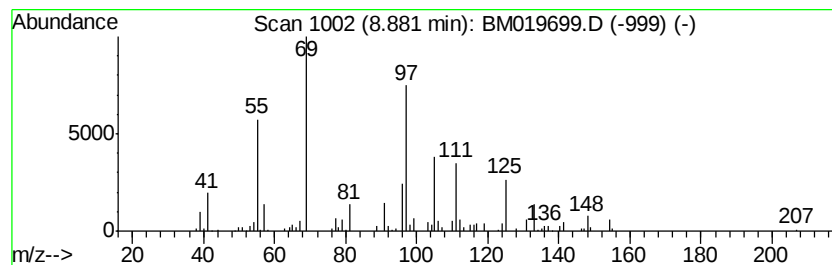
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Cyclic8.88 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	9.68 ng/ul	538783	1,4-Dichlorobenzene-d4	7.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	43
2			Ketone, 2,2-dimethylcyclohexyl m...	154	C10H18O	017983-26-5	38
3			1-Fluoroadamantane	154	C10H15F	000768-92-3	38
4			1H-Imidazole, 1-(cyclohexylacetyl)-	192	C11H16N2O	093383-50-7	35
5			Cyclooctanemethanol	142	C9H18O	003637-63-6	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
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Sample : K2148-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
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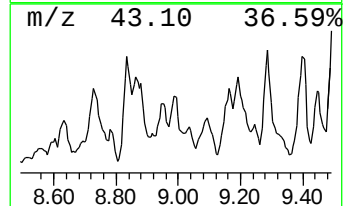
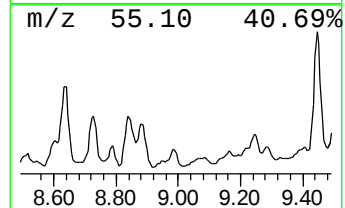
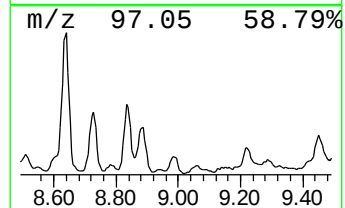
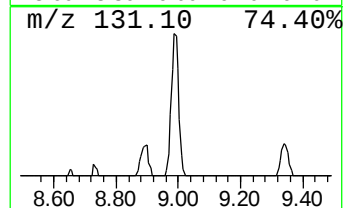
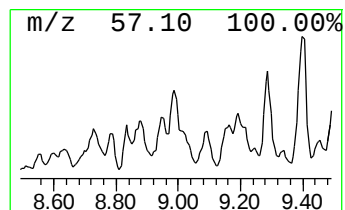
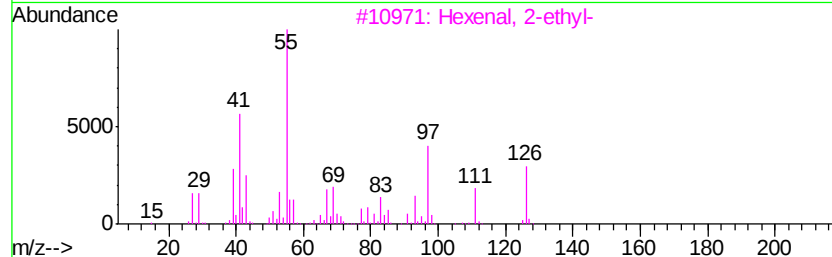
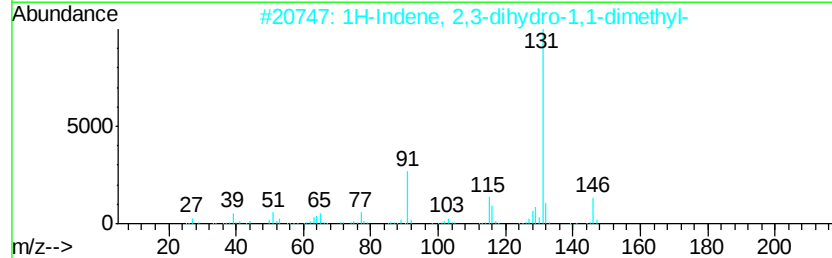
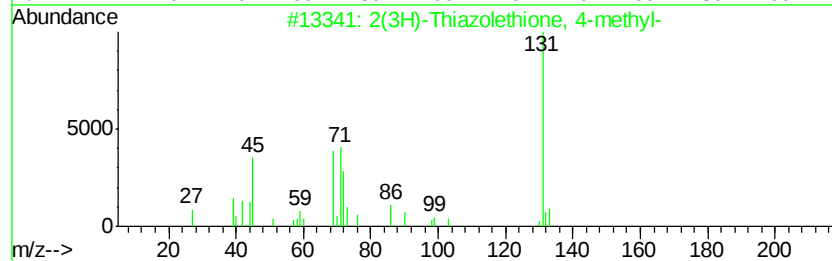
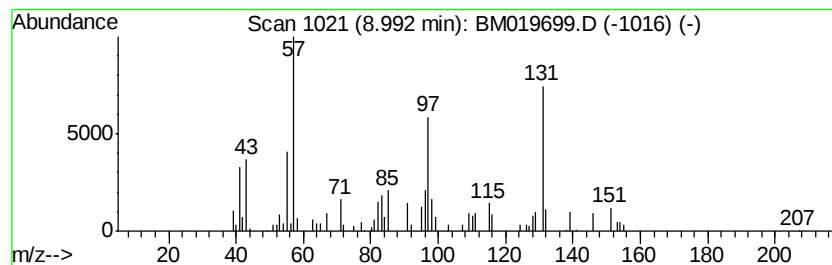
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown-03 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	3.62 ng/ul	236765	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2(3H)-Thiazolethione, 4-methyl-	131	C4H5NS2	005685-06-3	25
2		1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	25
3		Hexenal, 2-ethyl-	126	C8H14O	026266-68-2	22
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	18
5		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
Acq On : 02 Apr 2019 19:49
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Sample : K2148-11
Misc :
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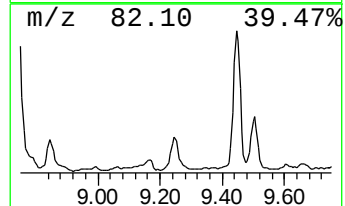
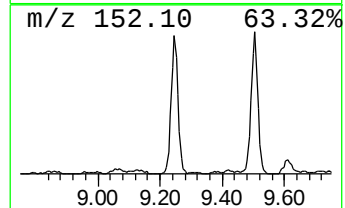
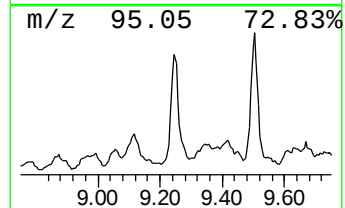
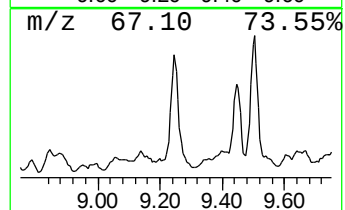
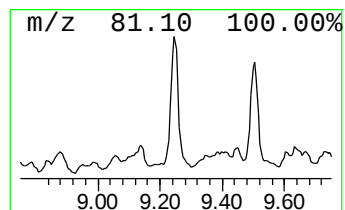
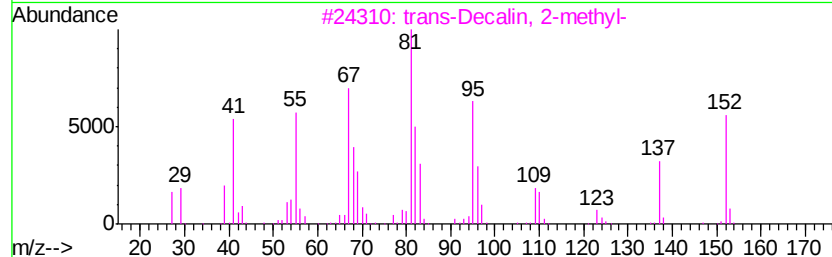
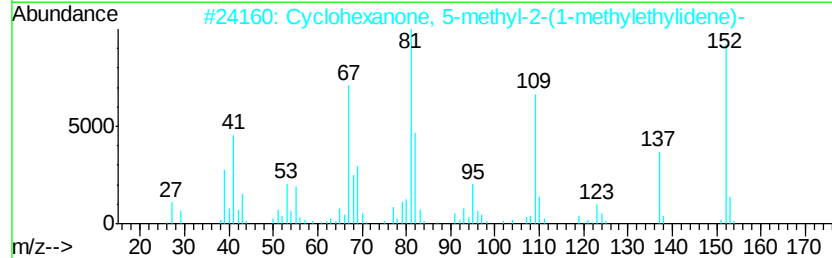
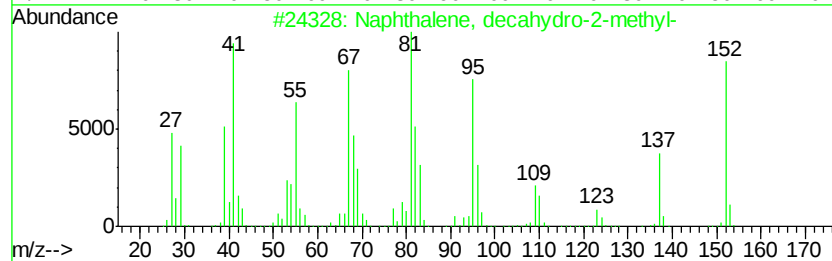
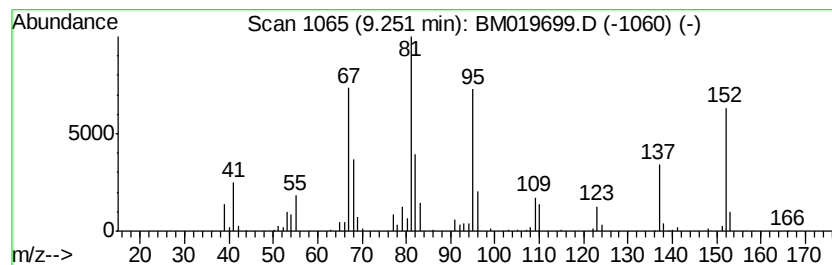
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Naphthalene, decahydro-2-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	8.67 ng/ul	566894	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	94
2		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	87
3		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	83
4		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	68
5		Pulegone	152	C10H16O	000089-82-7	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
Acq On : 02 Apr 2019 19:49
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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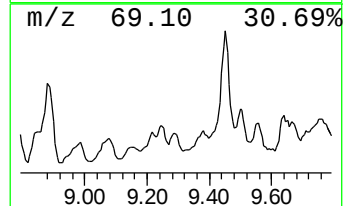
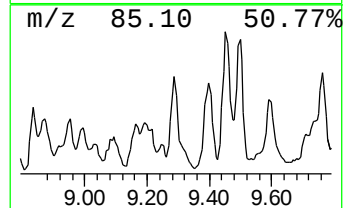
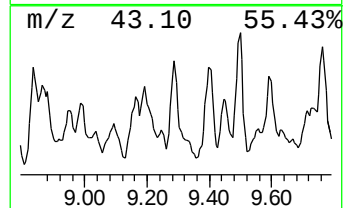
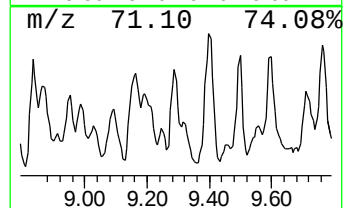
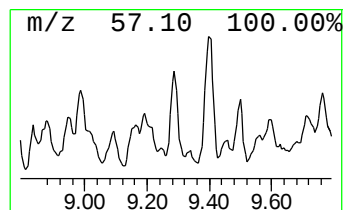
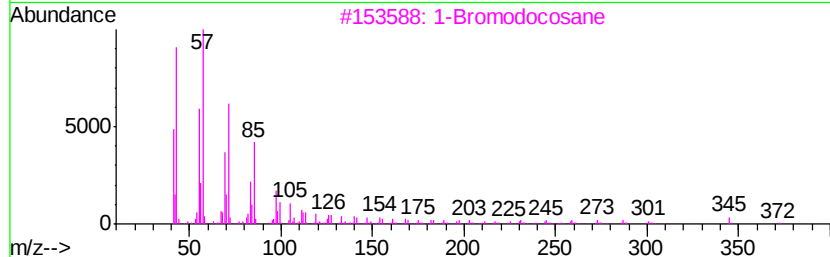
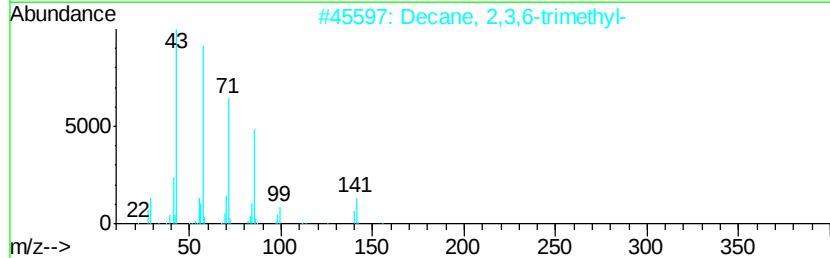
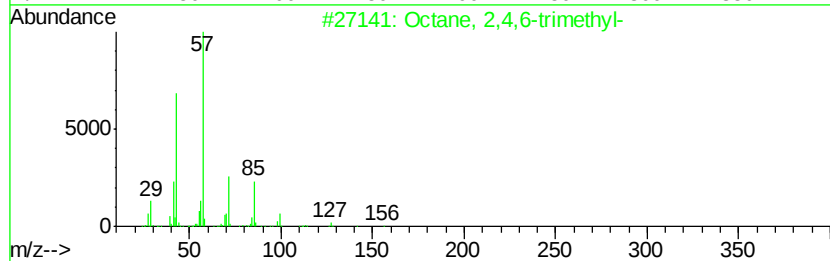
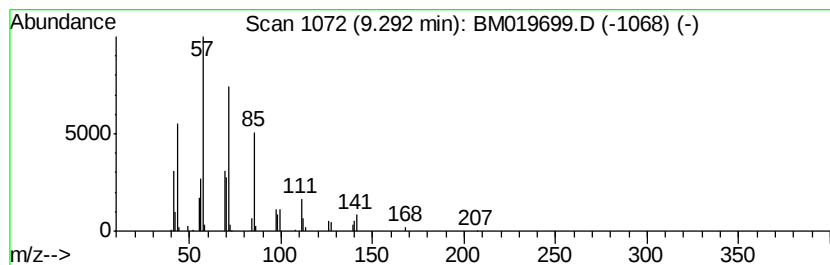
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	3.22 ng/ul	210699	Naphthalene-d8	10.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64
2			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	59
3			1-Bromodocosane	388	C22H45Br	006938-66-5	53
4			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	53
5			Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
Acq On : 02 Apr 2019 19:49
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Sample : K2148-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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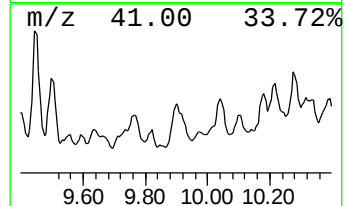
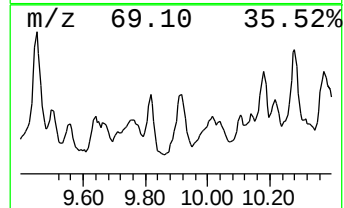
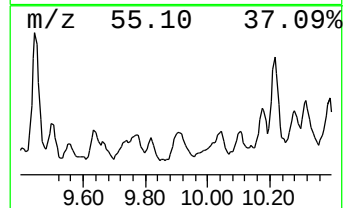
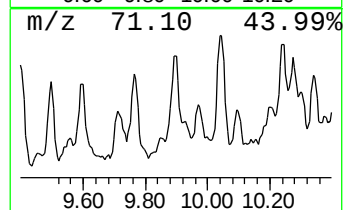
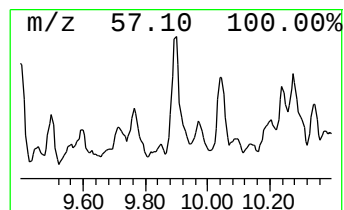
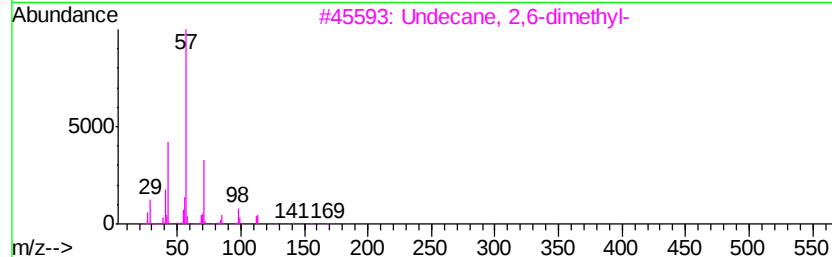
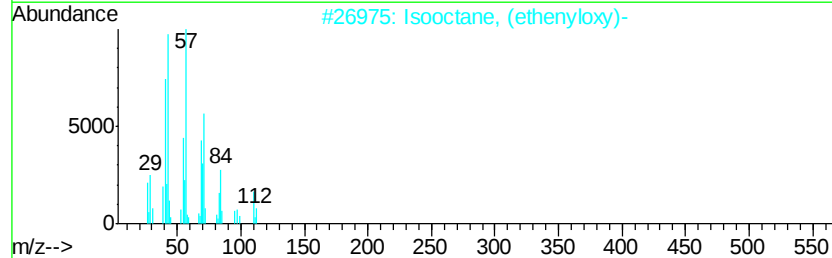
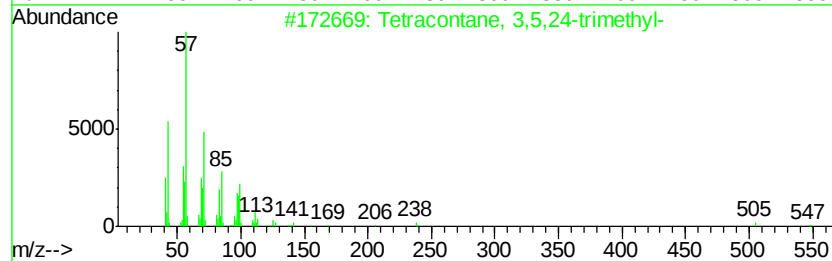
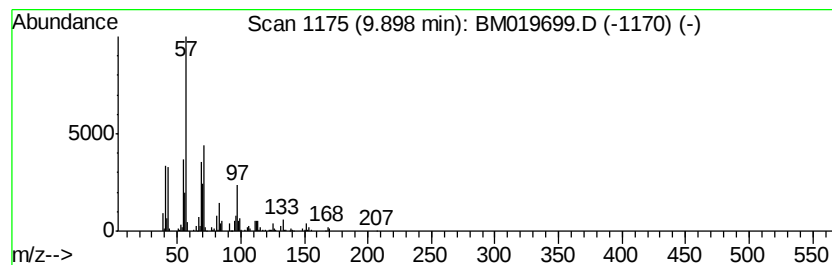
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	10.41 ng/ul	680539	Napthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	59
2		Isooctane, (ethenyloxy)-	156	C10H20O	037769-62-3	53
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	47
5		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
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Sample : K2148-11
Misc :
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ClientSampleId :
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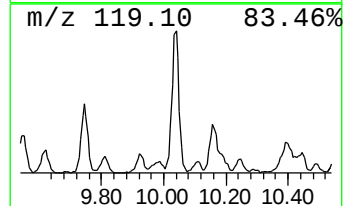
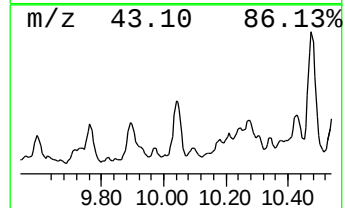
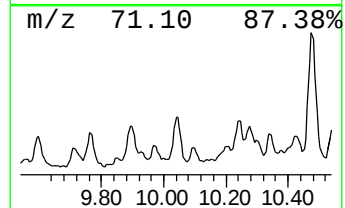
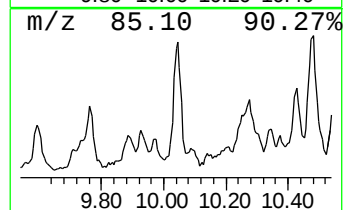
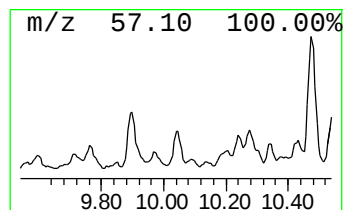
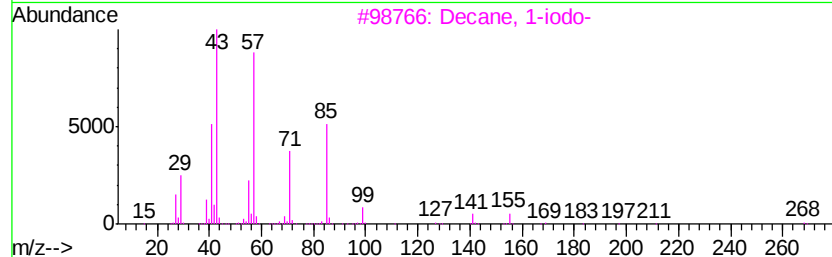
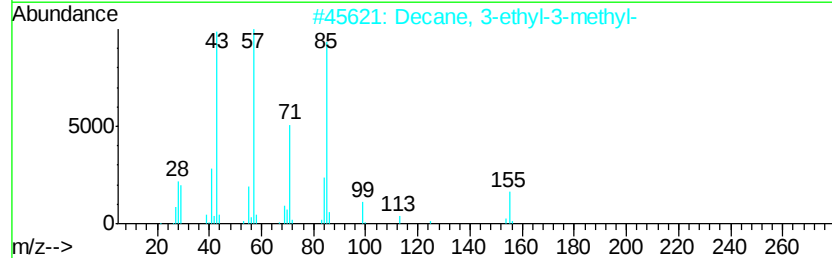
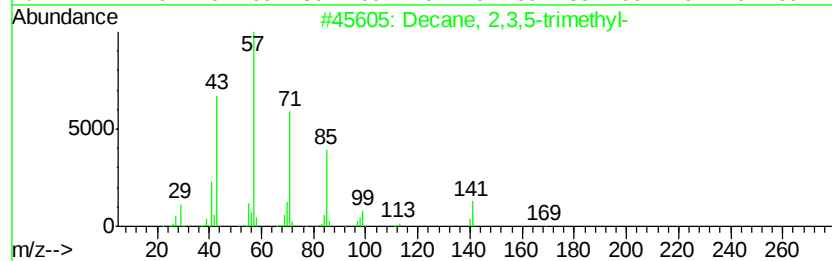
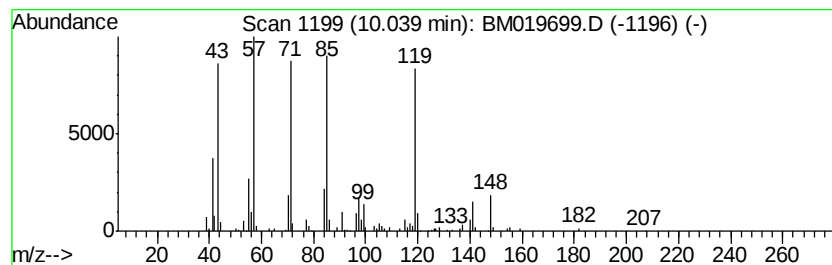
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	6.88 ng/ul	449945	Napthalene-d8	10.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	35
2			Decane, 3-ethyl-3-methyl-	184	C13H28	017312-66-2	35
3			Decane, 1-iodo-	268	C10H21I	002050-77-3	27
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	27
5			Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
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Sample : K2148-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampled :
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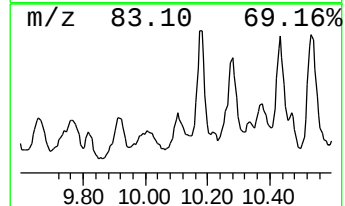
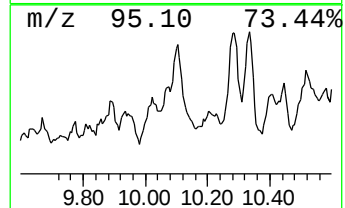
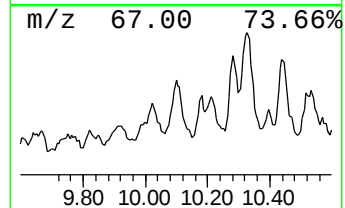
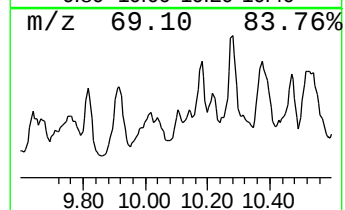
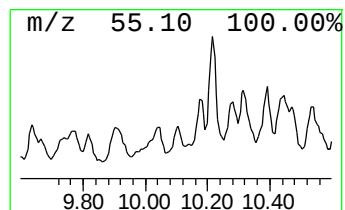
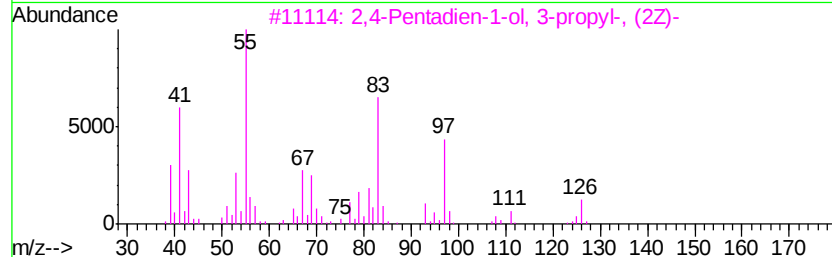
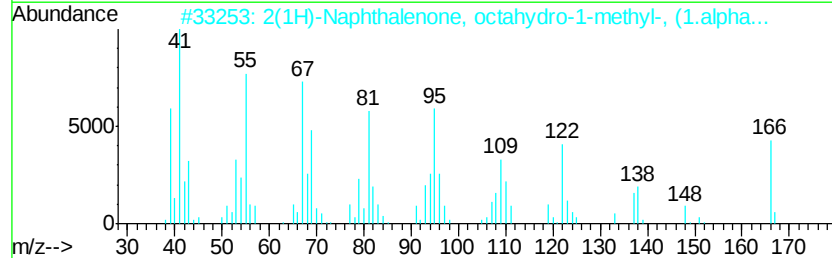
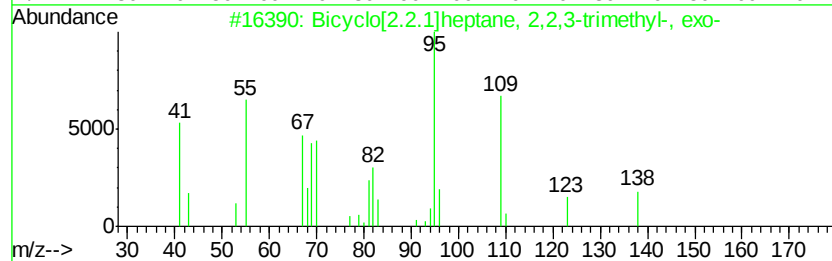
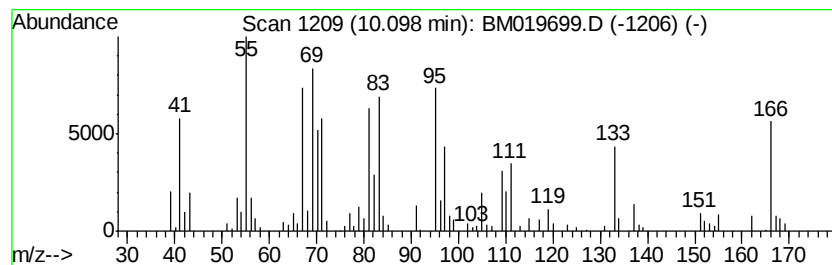
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 unknown-04 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	3.84 ng/ul	250718	Naphthalene-d8	10.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	25
2			2(1H)-Naphthalenone, octahydro-1...	166	C11H18O	021102-88-5	25
3			2,4-Pentadien-1-ol, 3-propyl-, (...)	126	C8H14O	1000142-17-9	22
4			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	22
5			3-Undecene, 3-methyl-	168	C12H24	023381-94-4	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
Acq On : 02 Apr 2019 19:49
Operator : JU/SJ
Sample : K2148-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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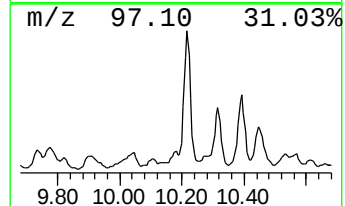
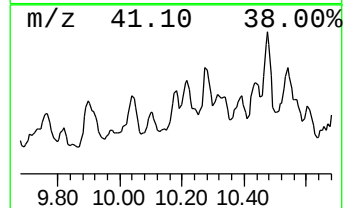
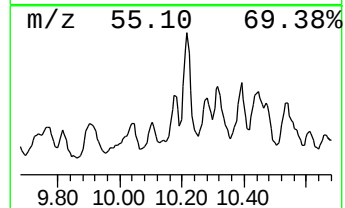
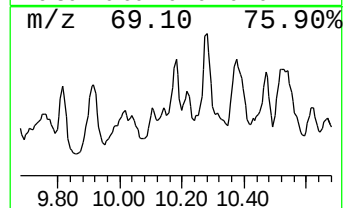
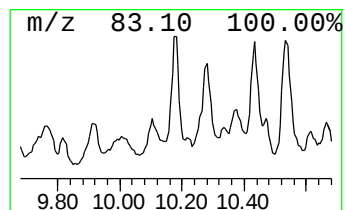
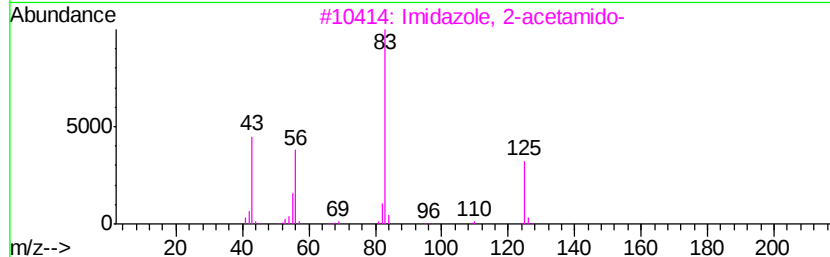
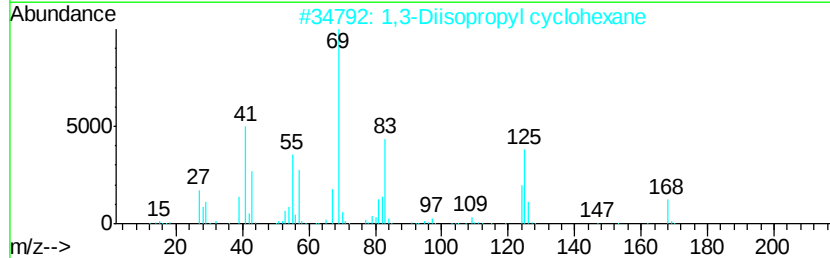
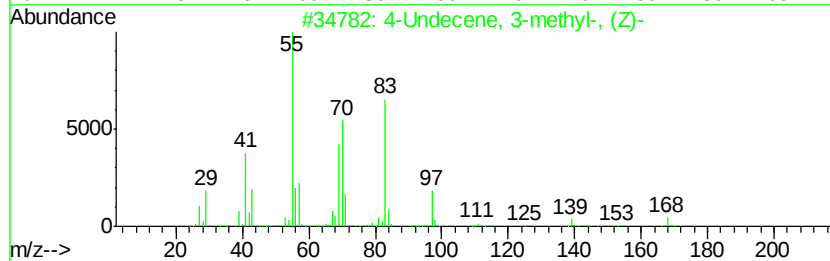
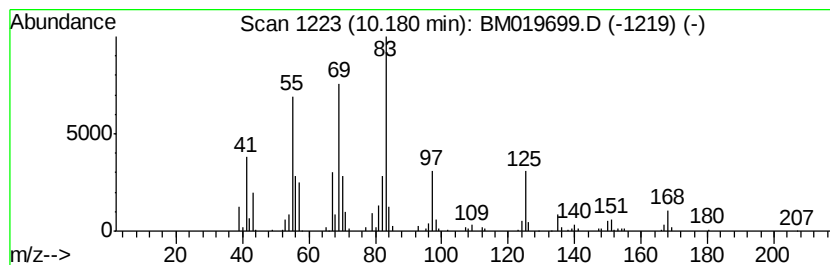
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Cyclic10.18 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	4.56 ng/ul	298185	Naphthalene-d8	10.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Undecene, 3-methyl-, (Z)-	168	C12H24	074645-87-7	58
2			1,3-Diisopropyl cyclohexane	168	C12H24	007045-70-7	38
3			Imidazole, 2-acetamido-	125	C5H7N3O	052737-49-2	38
4			4-Undecene, 3-methyl-, (E)-	168	C12H24	074630-59-4	38
5			6-Dodecene, (E)-	168	C12H24	007206-17-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
Acq On : 02 Apr 2019 19:49
Operator : JU/SJ
Sample : K2148-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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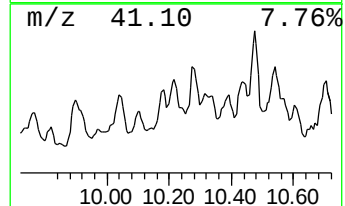
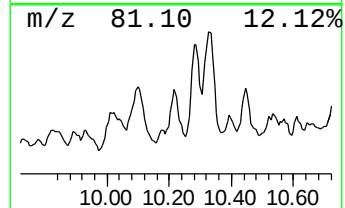
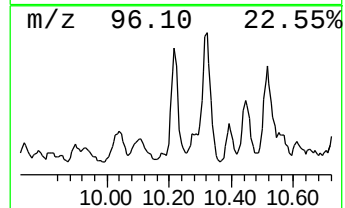
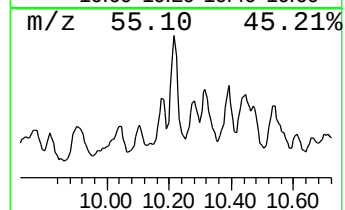
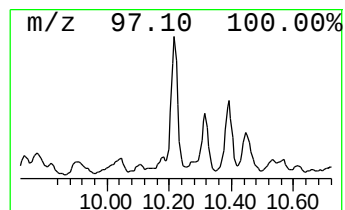
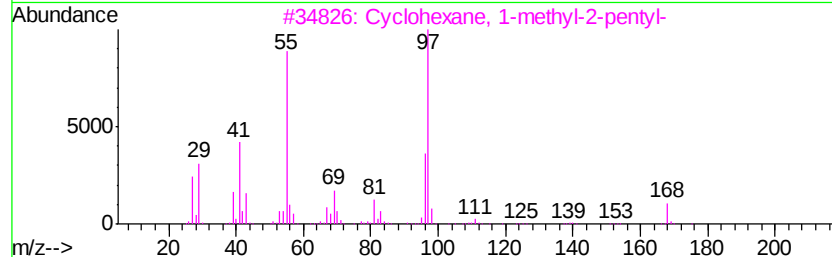
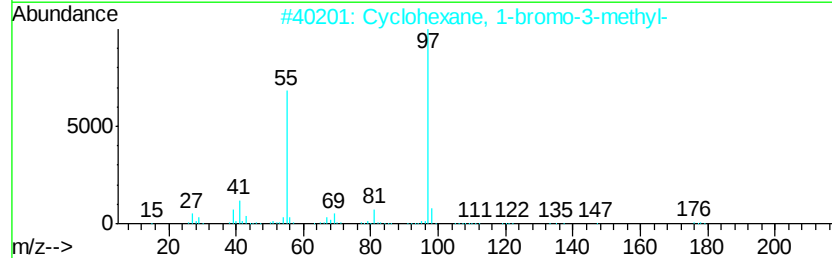
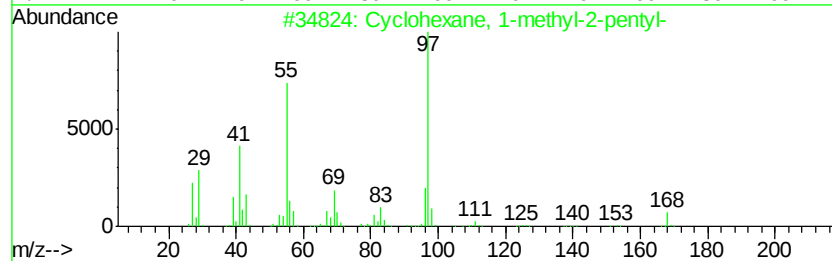
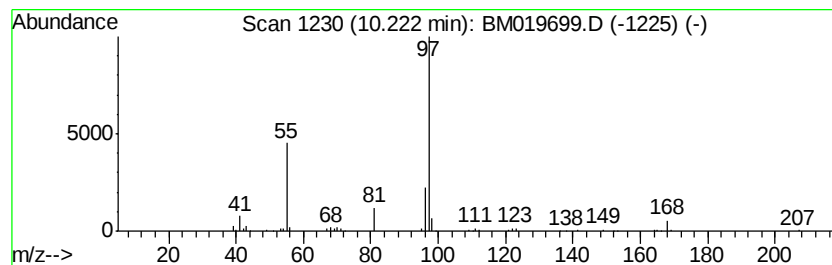
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Cyclic10.22 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	6.67 ng/ul	436118	Naphthalene-d8	10.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	64
2			Cyclohexane, 1-bromo-3-methyl-	176	C7H13Br	013905-48-1	59
3			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	50
4			5-Amino-3-methylpyrazole	97	C4H7N3	031230-17-8	45
5			4-Octen-3-one	126	C8H14O	014129-48-7	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
Acq On : 02 Apr 2019 19:49
Operator : JU/SJ
Sample : K2148-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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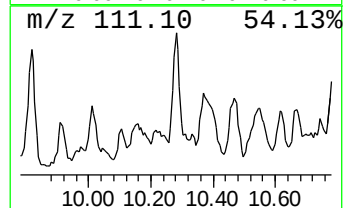
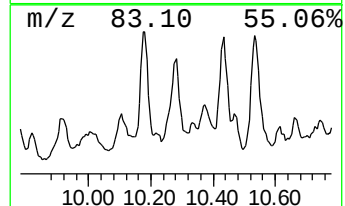
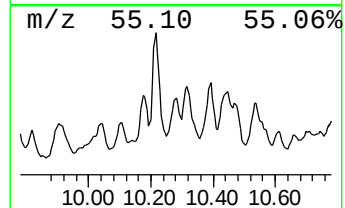
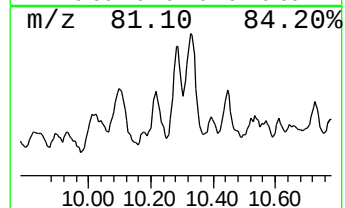
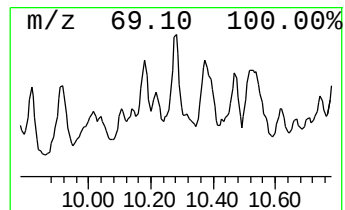
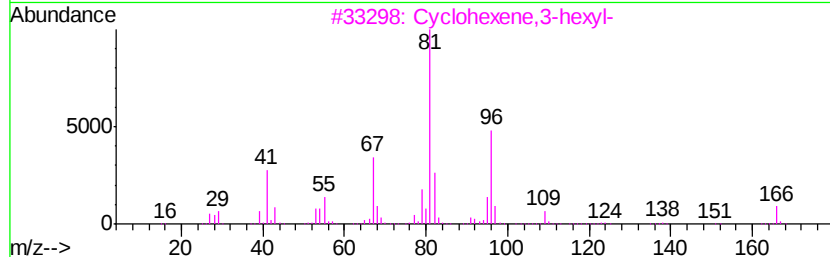
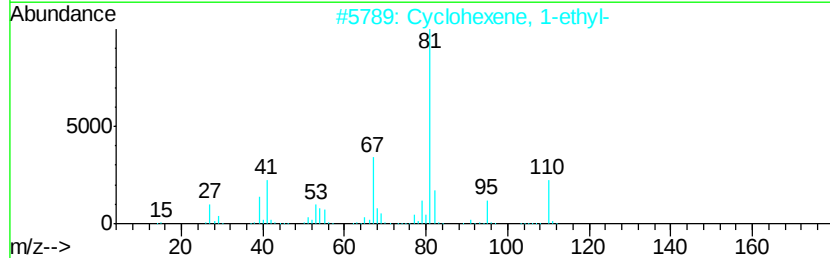
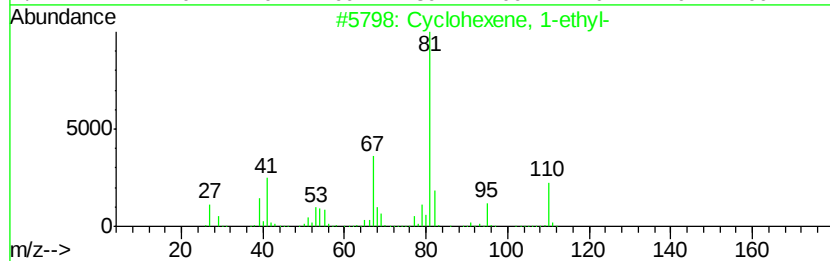
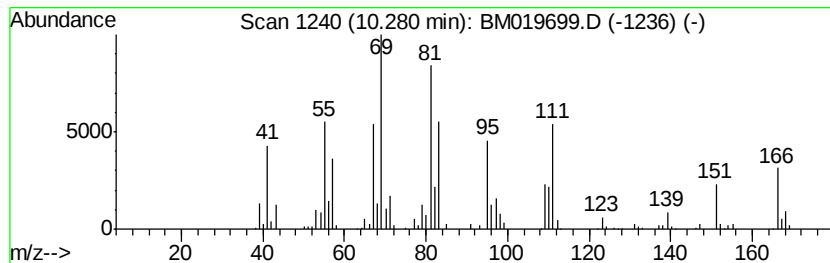
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 unknown-05 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	6.84 ng/ul	446926	Napthalene-d8	10.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	38
2			Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	25
3			Cyclohexene,3-hexyl-	166	C12H22	015232-78-7	25
4			Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	25
5			Cyclohexane, 1,2-diethyl-, cis-	140	C10H20	000824-43-1	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
Acq On : 02 Apr 2019 19:49
Operator : JU/SJ
Sample : K2148-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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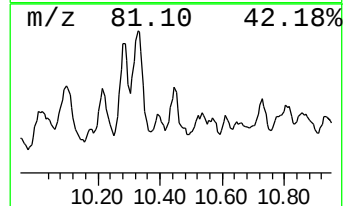
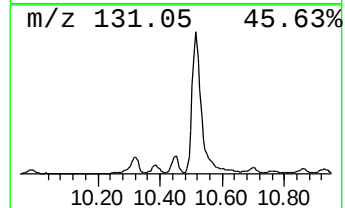
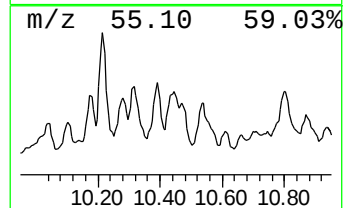
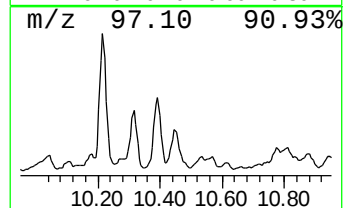
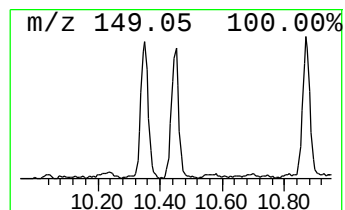
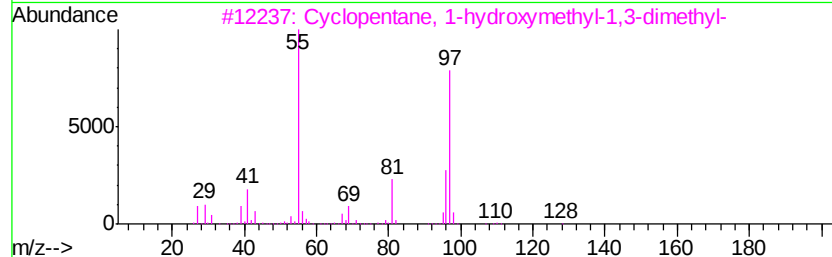
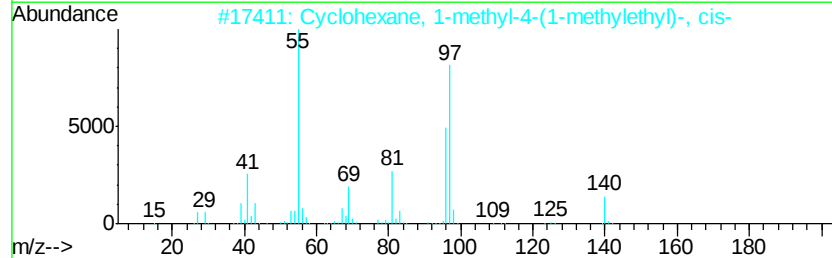
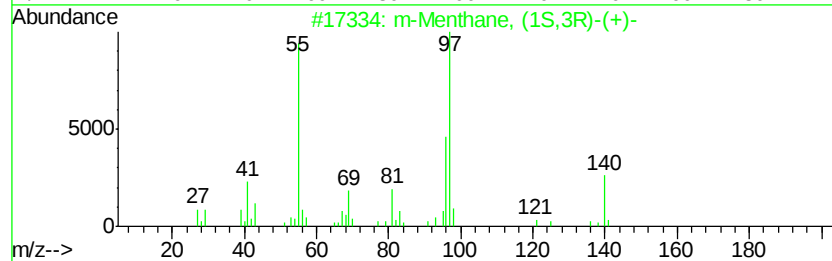
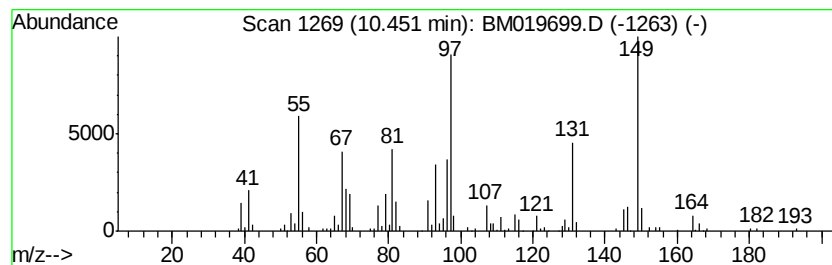
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Cyclic10.45 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	7.04 ng/ul	460176	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	22
2		Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	22
3		Cyclopentane, 1-hydroxymethyl-1,...	128	C8H16O	1000156-73-8	22
4		m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	22
5		Benzothiazole, 2-methyl-	149	C8H7NS	000120-75-2	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
Acq On : 02 Apr 2019 19:49
Operator : JU/SJ
Sample : K2148-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

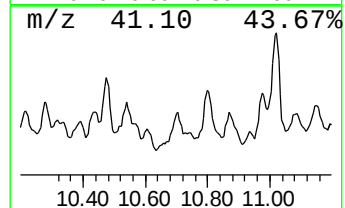
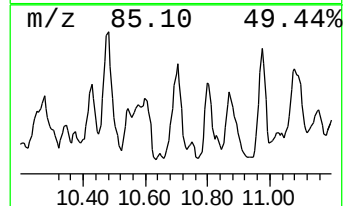
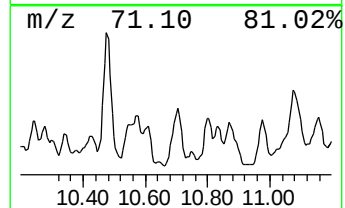
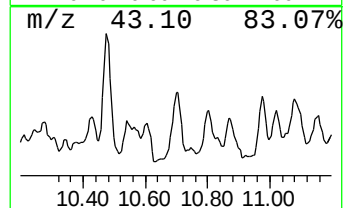
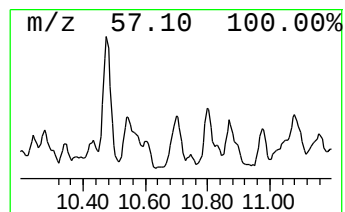
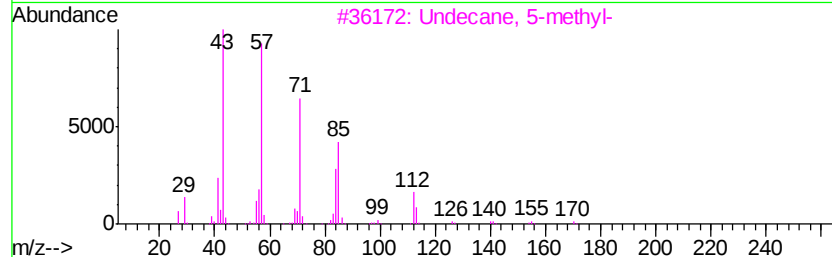
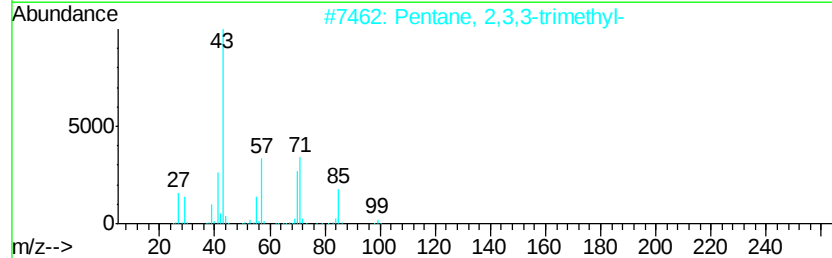
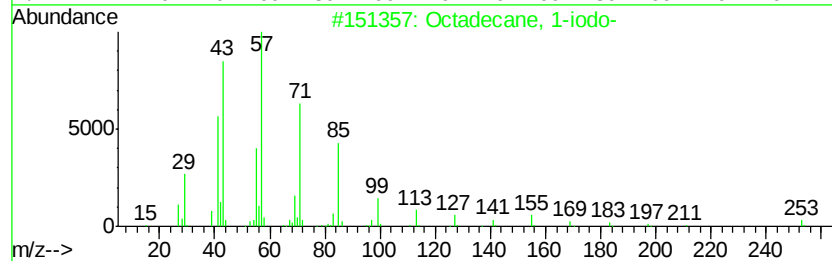
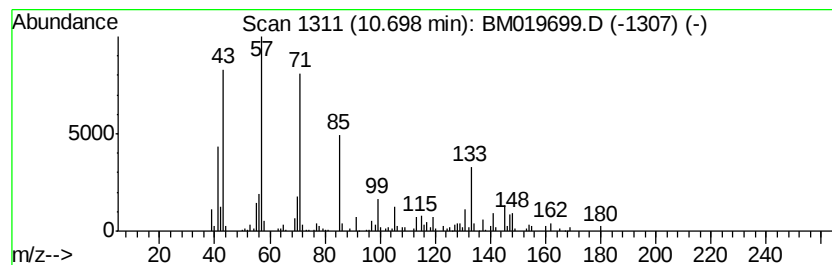
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 Octadecane, 1-iodo- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	6.19 ng/ul	404742	Naphthalene-d8	10.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecane, 1-iodo-	380 C18H37I	000629-93-6	52
2	Pentane, 2,3,3-trimethyl-	114 C8H18	000560-21-4	43
3	Undecane, 5-methyl-	170 C12H26	001632-70-8	43
4	Pentane, 2,3,3-trimethyl-	114 C8H18	000560-21-4	43
5	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
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Sample : K2148-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

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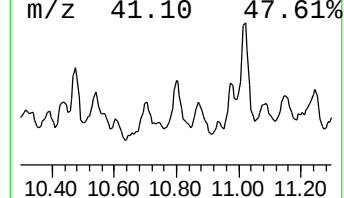
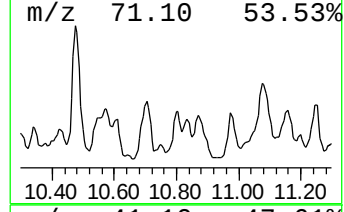
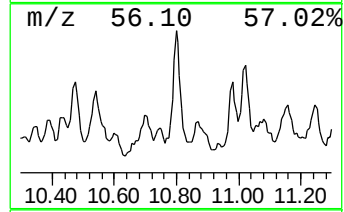
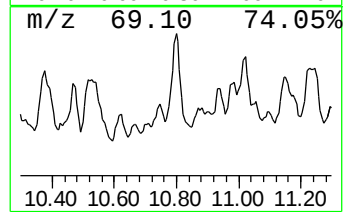
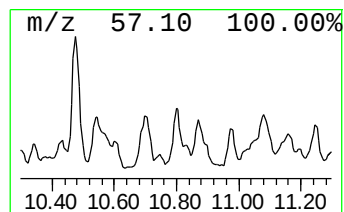
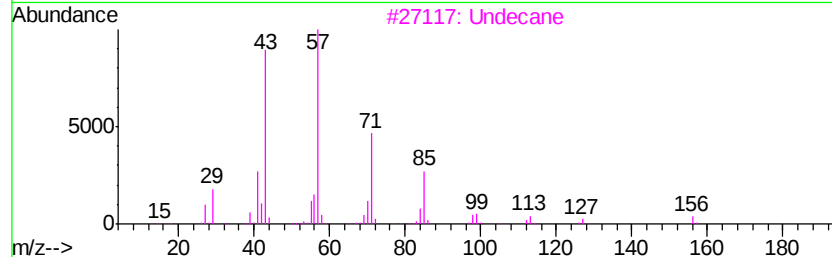
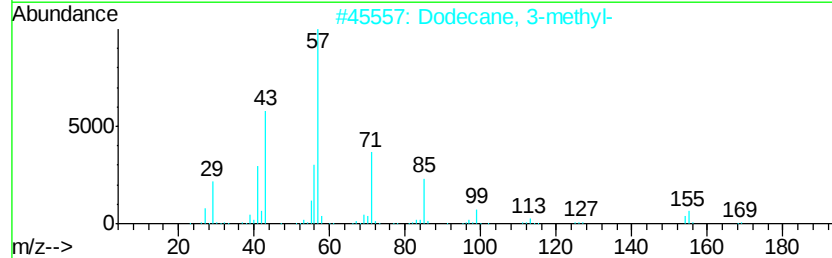
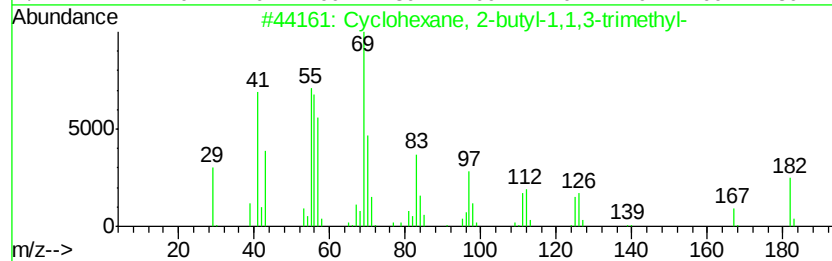
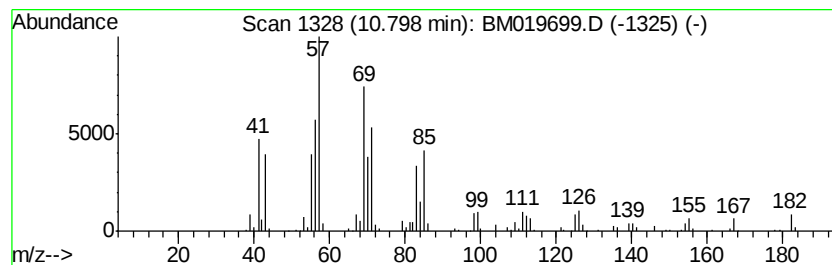
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Cyclic10.80 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	8.42 ng/ul	550124	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	50
2		Dodecane, 3-methyl-	184	C13H28	017312-57-1	47
3		Undecane	156	C11H24	001120-21-4	46
4		Undecane	156	C11H24	001120-21-4	43
5		Cyclopropane, 1-butyl-2-(2-methy...	154	C11H22	041977-35-9	38



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Data File : BM019699.D
Acq On : 02 Apr 2019 19:49
Operator : JU/SJ
Sample : K2148-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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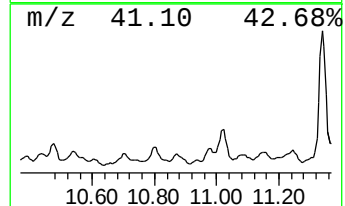
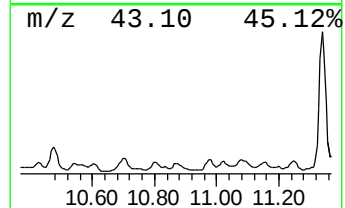
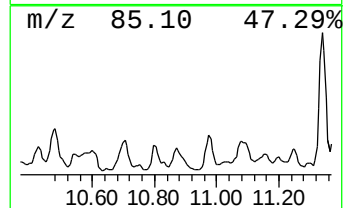
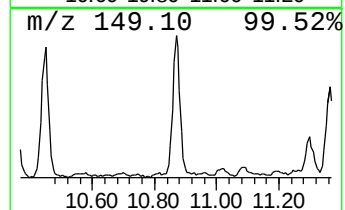
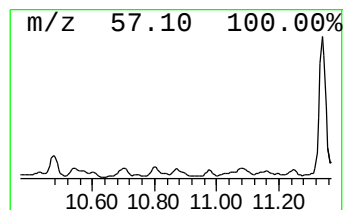
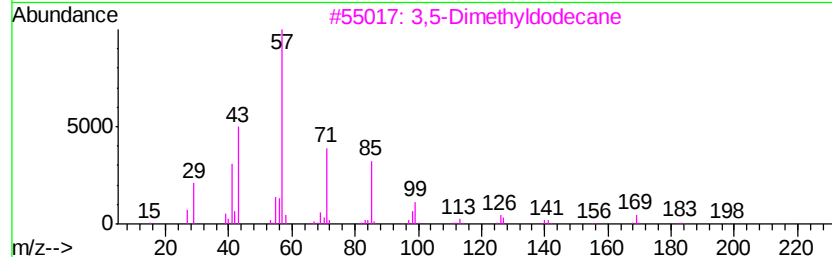
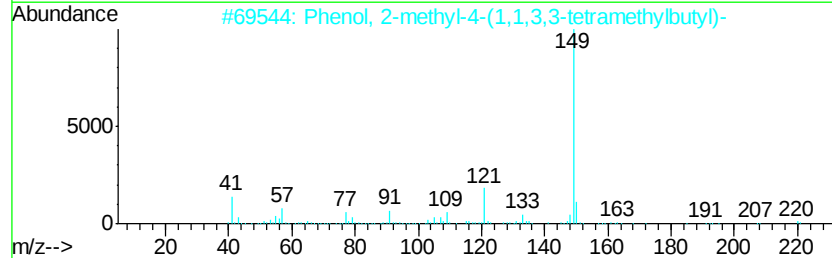
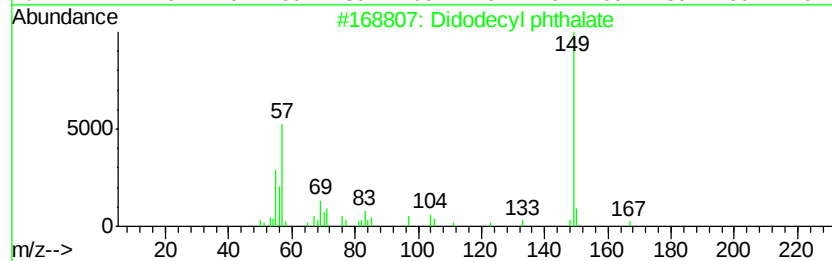
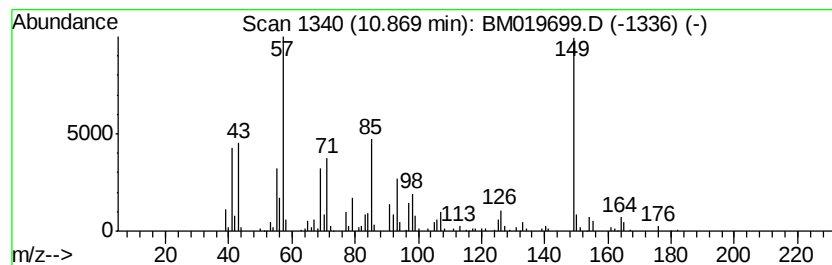
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 unknown-06 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	9.25 ng/ul	604820	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Didodecyl phthalate	502	C32H54O4	002432-90-8	35
2		Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	22
3		3,5-Dimethyldodecane	198	C14H30	107770-99-0	14
4		4,4-Dimethylcyclooctene	138	C10H18	1000113-56-7	14
5		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	14



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Sample : K2148-11
Misc :
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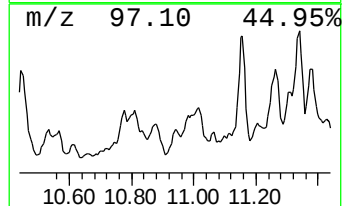
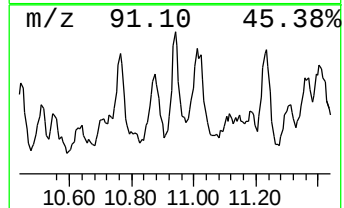
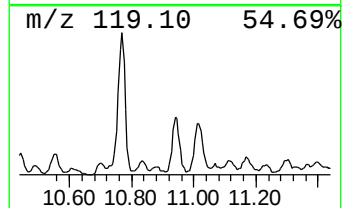
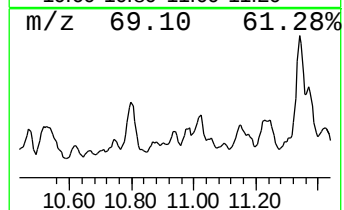
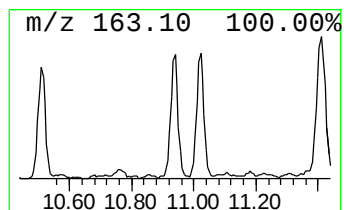
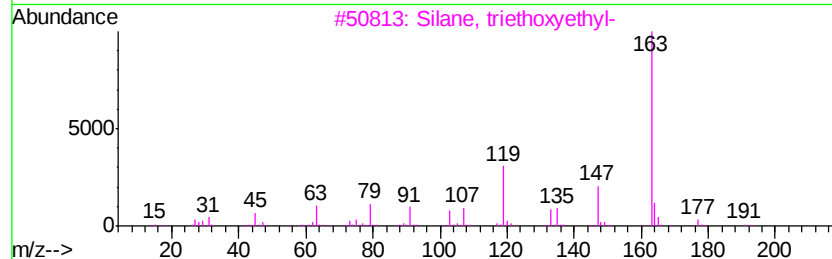
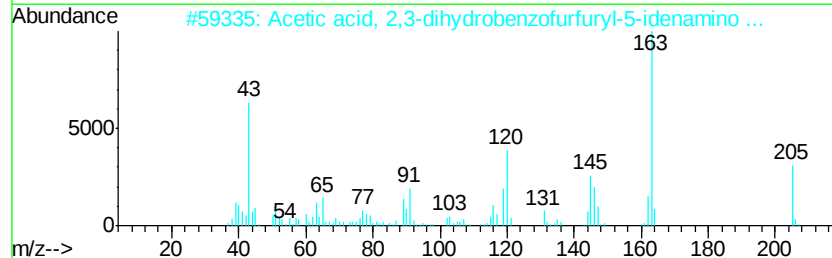
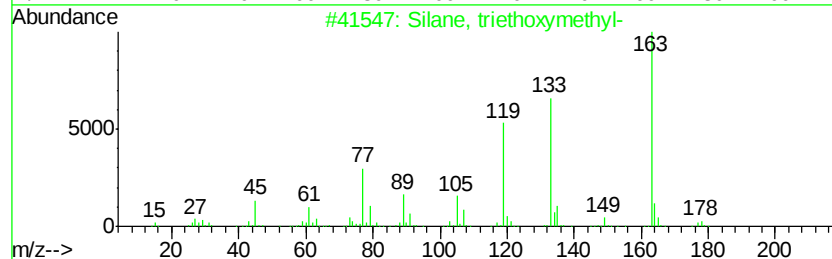
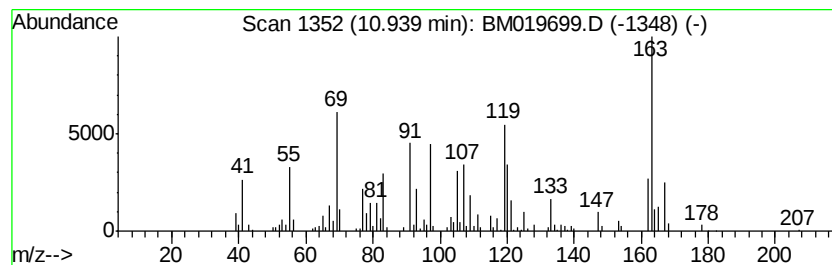
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 unknown-07 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	4.09 ng/ul	267082	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, triethoxymethyl-	178	C7H18O3Si	002031-67-6	38
2		Acetic acid, 2,3-dihydrobenzofur...	205	C11H11NO3	1000270-30-5	32
3		Silane, triethoxyethyl-	192	C8H20O3Si	000078-07-9	32
4		1,3-Dioxolane, 2-(bromomethyl)-2...	256	C11H13BrO2	024169-43-5	32
5		1,2-Dimethyl-5-nitroadamantane	209	C12H19NO2	006588-68-7	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
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Sample : K2148-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
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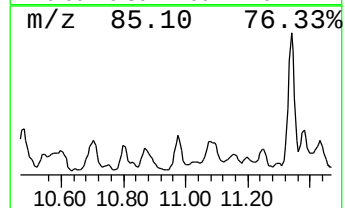
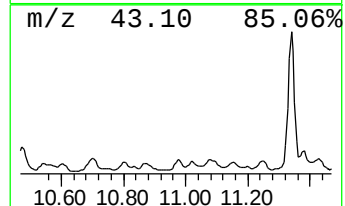
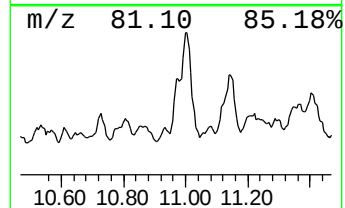
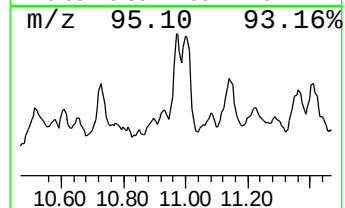
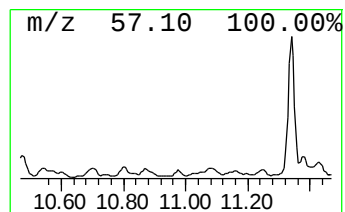
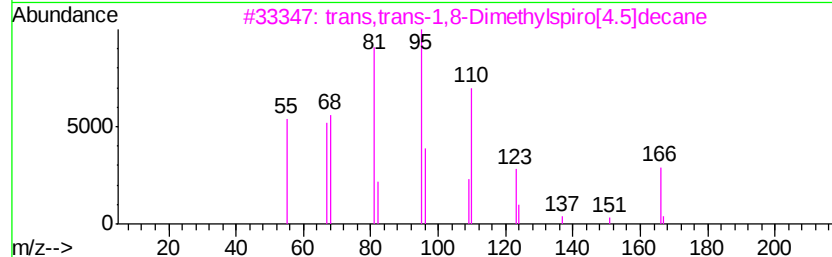
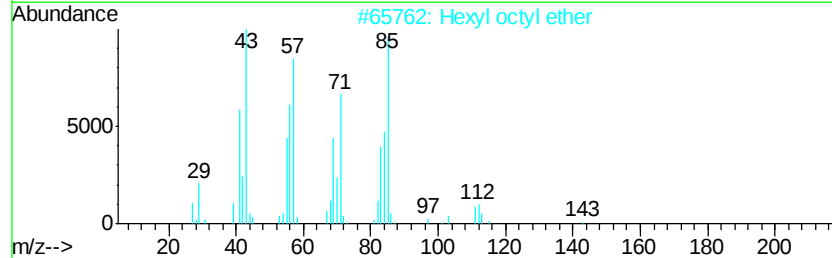
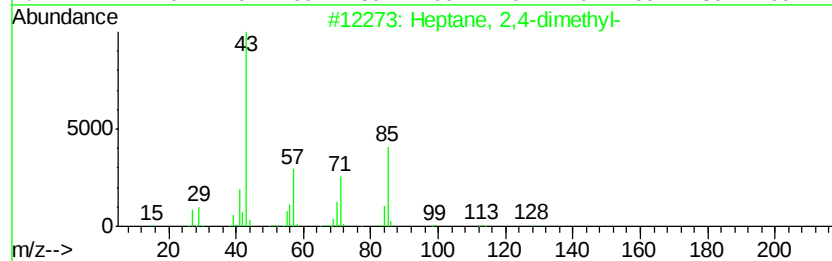
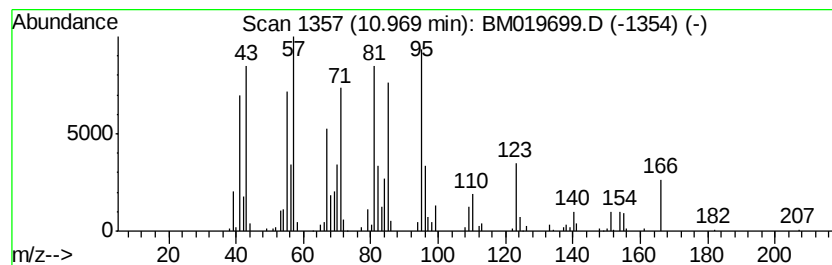
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	8.79 ng/ul	574816	Naphthalene-d8	10.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	38
2			Hexyl octyl ether	214	C14H30O	017071-54-4	35
3			trans,trans-1,8-Dimethylspiro[4....	166	C12H22	1000111-72-8	30
4			trans,cis-1,8-Dimethylspiro[4.5]...	166	C12H22	1000111-72-9	30
5			Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000491-02-1	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
Acq On : 02 Apr 2019 19:49
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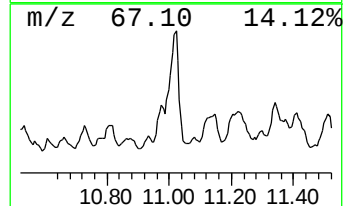
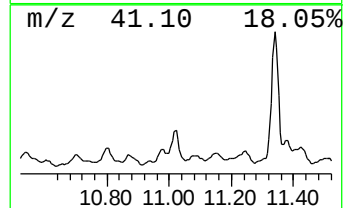
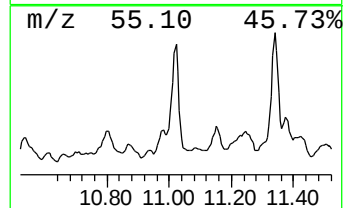
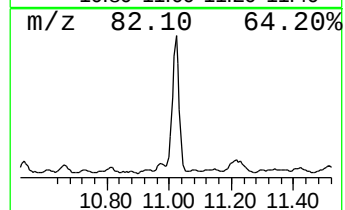
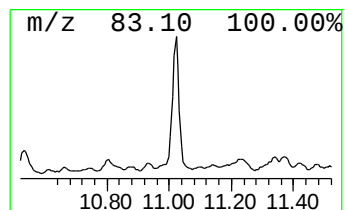
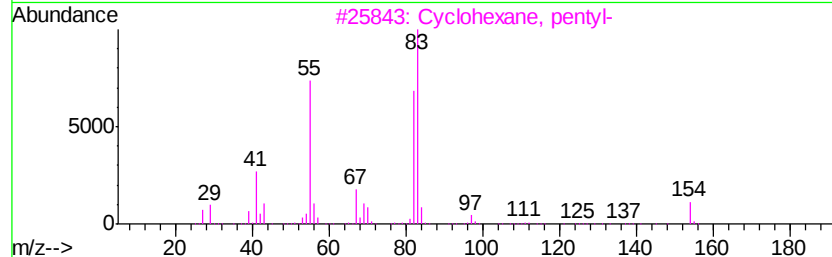
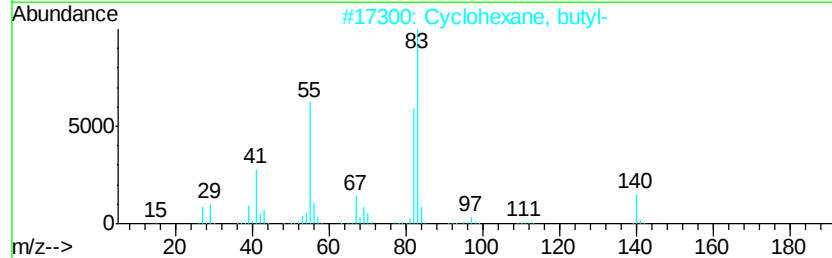
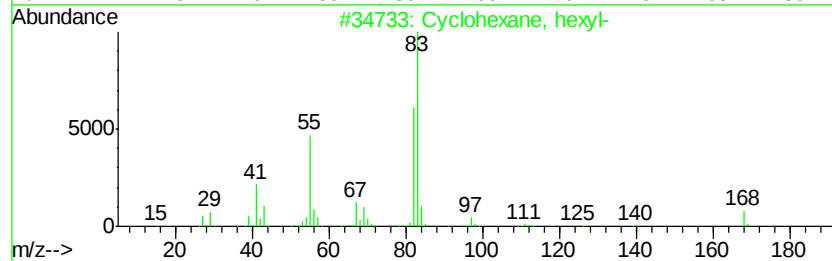
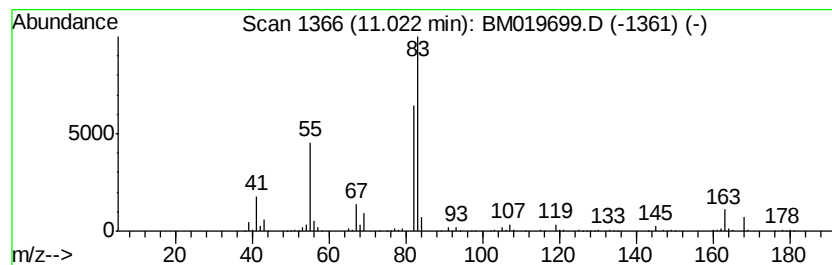
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 (DEL) Alkane: Cyclic11.02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	23.02 ng/ul	1504540	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	72
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	72
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5		Cyclohexane, pentyl-	154	C11H22	004292-92-6	56



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
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Operator : JU/SJ
Sample : K2148-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

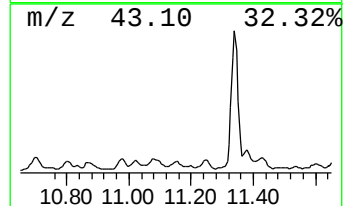
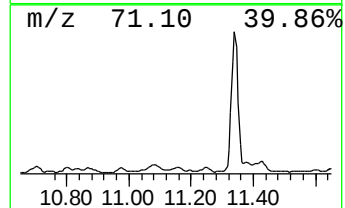
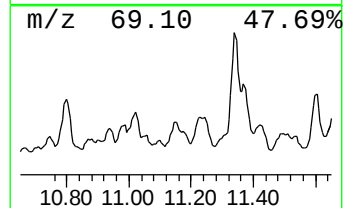
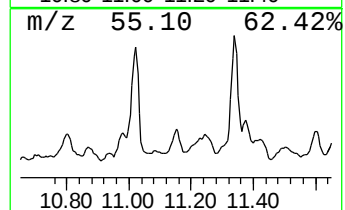
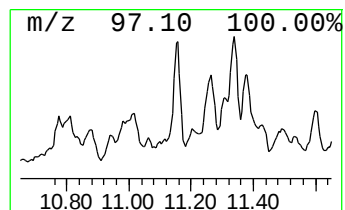
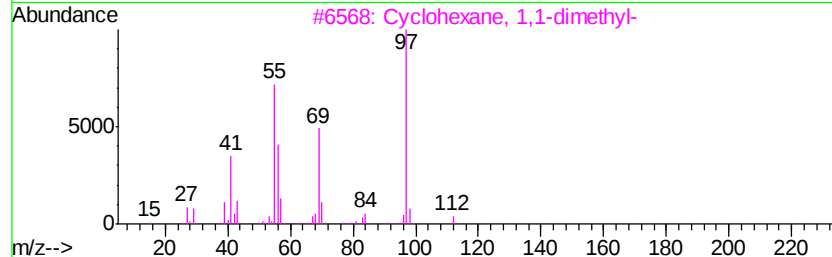
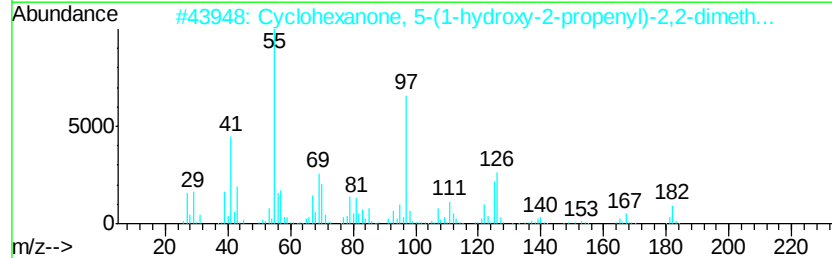
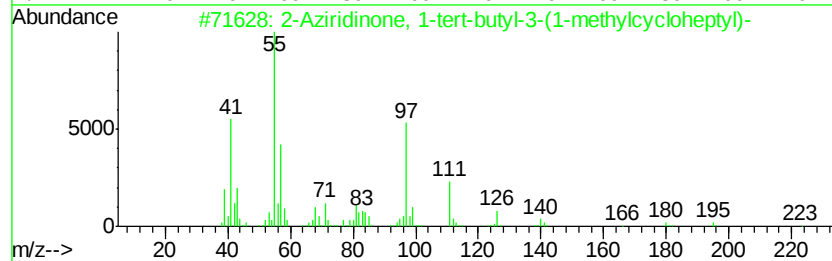
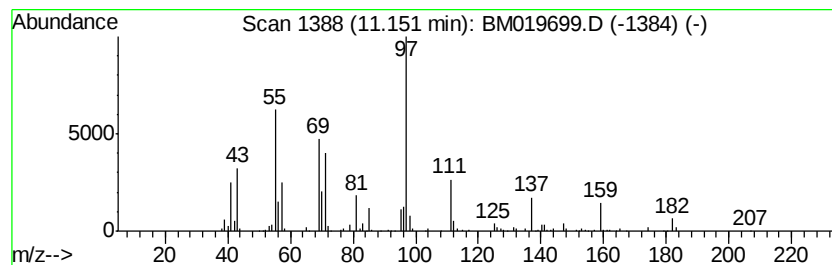
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 unknown-08 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	6.18 ng/ul	404247	Napthalene-d8	10.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Aziridinone, 1-tert-butyl-3-(1...	223 C14H25NO	026944-18-3	40
2	Cyclohexanone, 5-(1-hydroxy-2-pr...	182 C11H18O2	141033-66-1	38
3	Cyclohexane, 1,1-dimethyl-	112 C8H16	000590-66-9	38
4	Cyclohexanecarboxylic acid, 4-pe...	368 C22H28N2O3	133856-87-8	38
5	Cyclopentanecarboxylic acid, 3-t...	310 C20H38O2	1000280-58-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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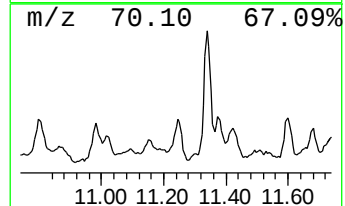
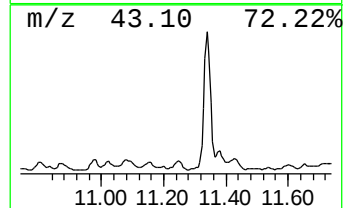
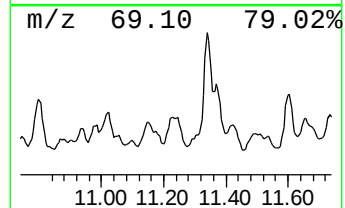
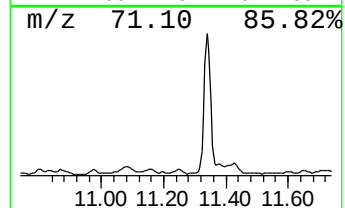
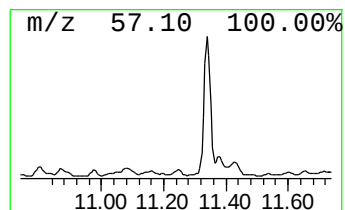
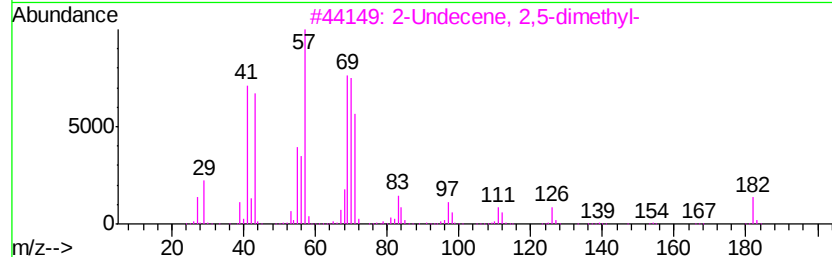
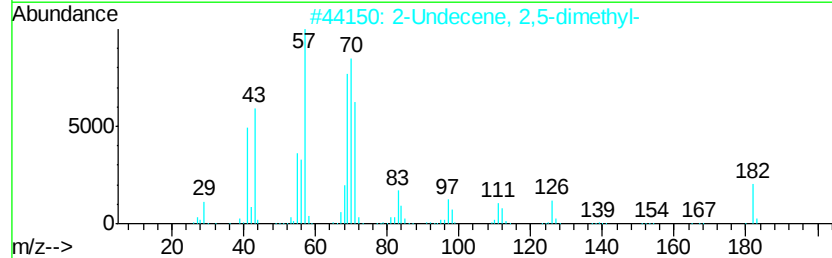
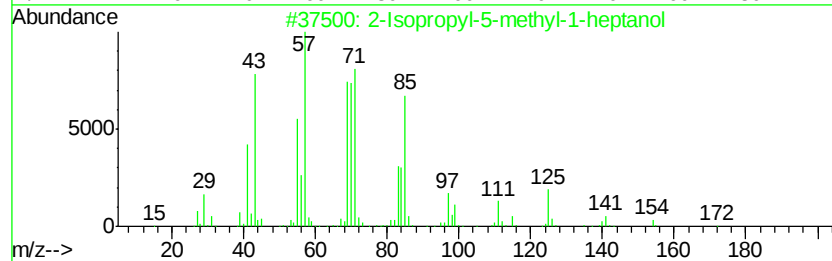
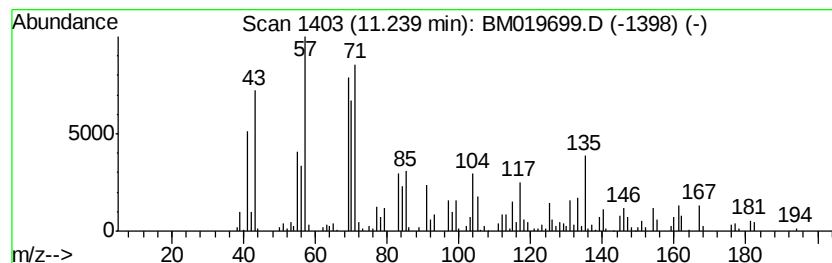
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 2-Isopropyl-5-methyl-1-hept... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	13.30 ng/ul	869339	Napthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Isopropyl-5-methyl-1-heptanol	172	C11H24O	091337-07-4	52
2		2-Undecene, 2,5-dimethyl-	182	C13H26	049622-16-4	43
3		2-Undecene, 2,5-dimethyl-	182	C13H26	049622-16-4	41
4		Cyclopentane, hexyl-	154	C11H22	004457-00-5	38
5		Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
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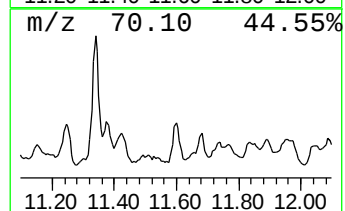
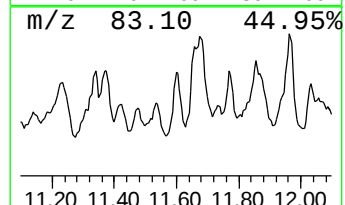
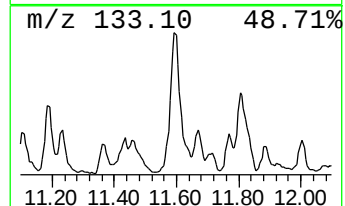
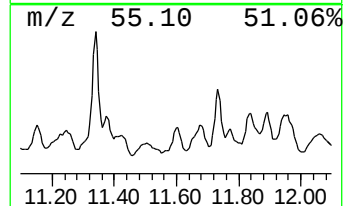
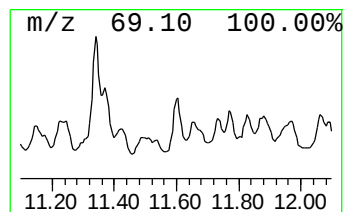
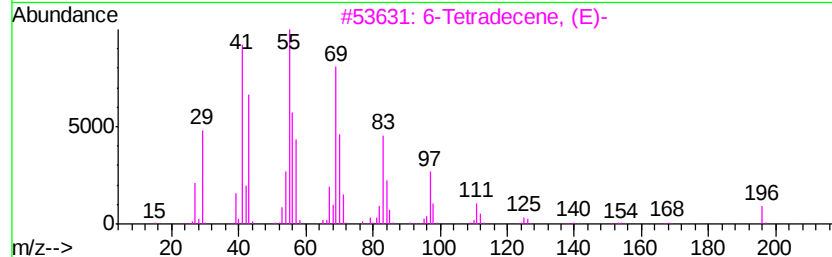
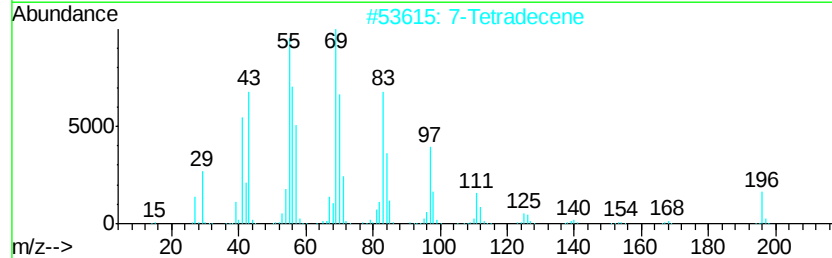
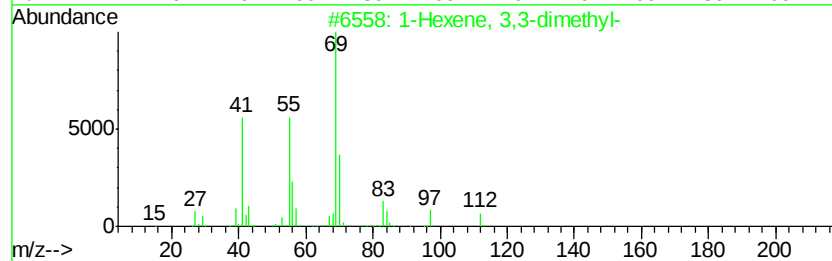
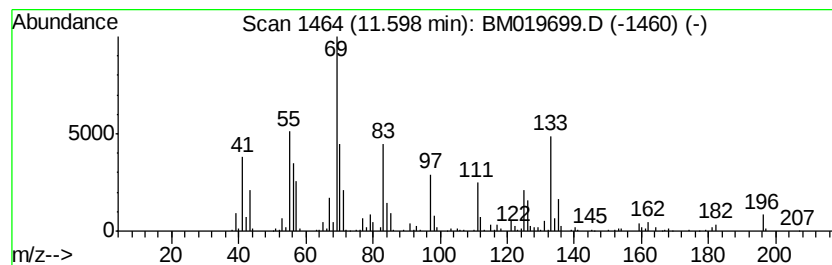
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 (DEL) Alkane: Cyclic11.60 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	8.85 ng/ul	578362	Napthalene-d8	10.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	43
2			7-Tetradecene	196	C14H28	010374-74-0	41
3			6-Tetradecene, (E)-	196	C14H28	041446-64-4	38
4			Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	38
5			7-Tetradecene, (E)-	196	C14H28	041446-63-3	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
Acq On : 02 Apr 2019 19:49
Operator : JU/SJ
Sample : K2148-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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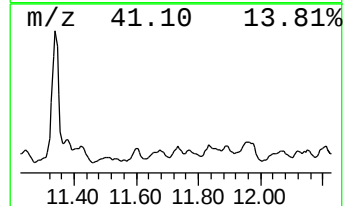
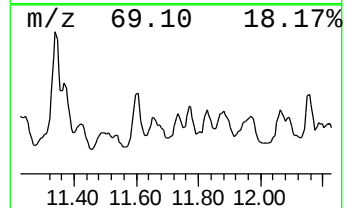
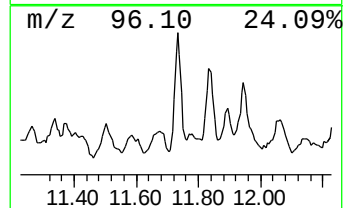
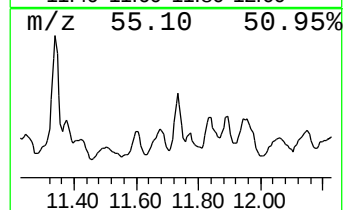
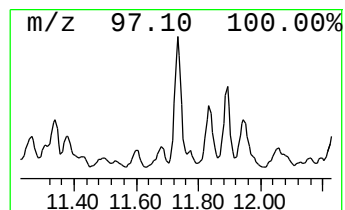
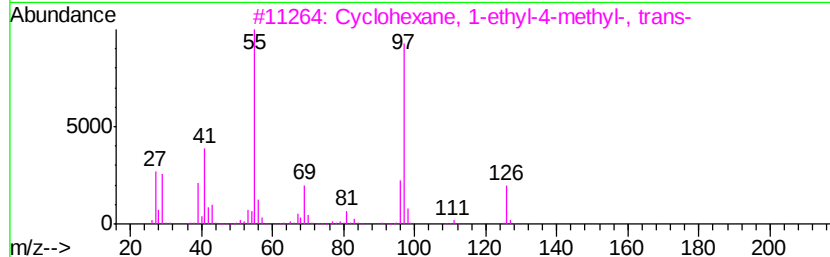
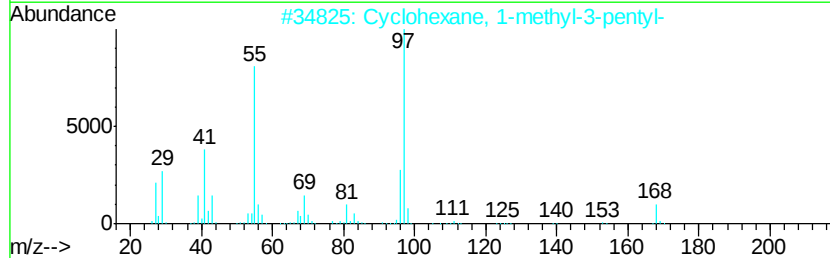
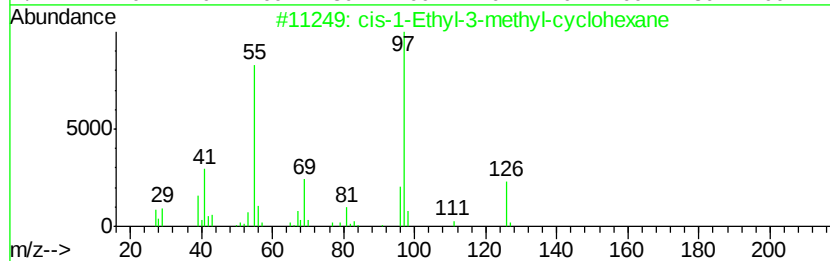
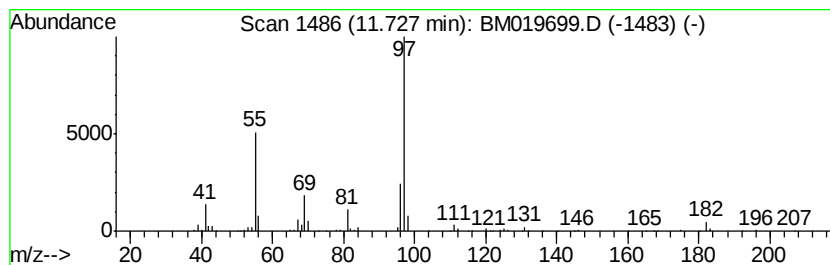
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 (DEL) Alkane: Cyclic11.73 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	5.61 ng/ul	366697	Napthalene-d8	10.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	78
2			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	78
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	64
4			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	64
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
Acq On : 02 Apr 2019 19:49
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Sample : K2148-11
Misc :
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ClientSampleId :
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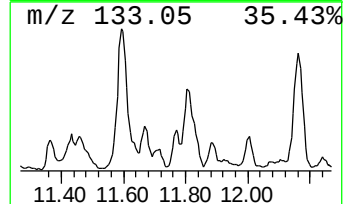
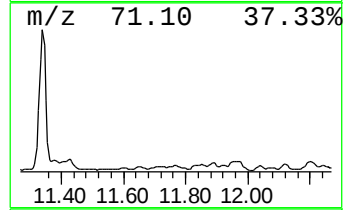
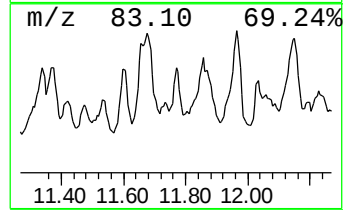
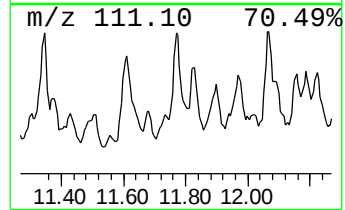
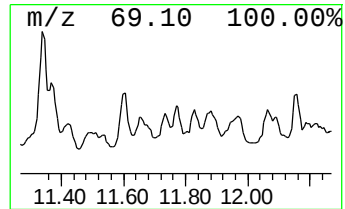
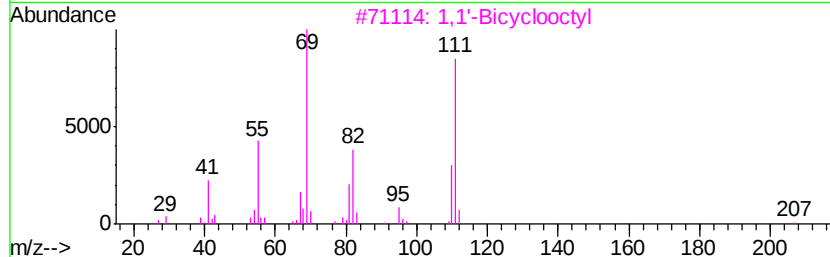
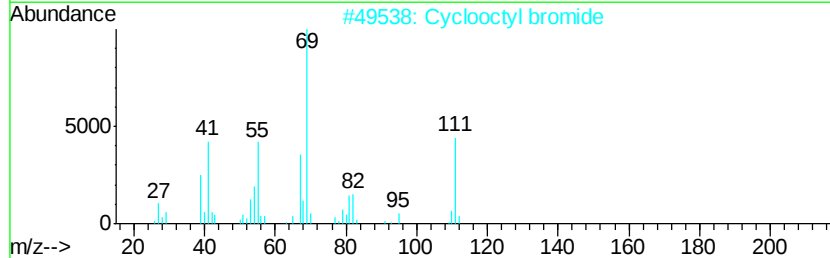
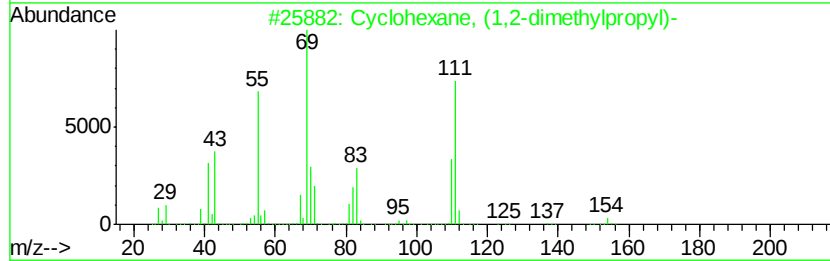
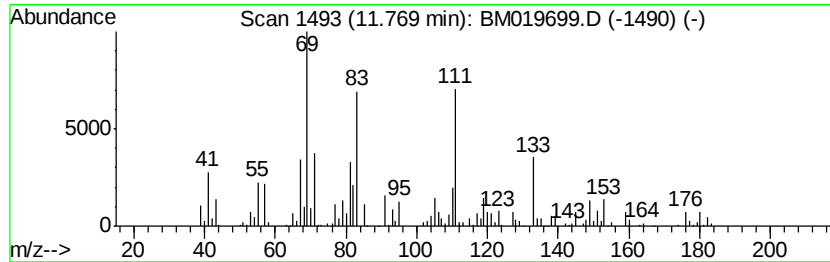
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Cyclic11.77 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	4.15 ng/ul	271344	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (1,2-dimethylpropyl)-	154	C11H22	051284-29-8	47
2		Cyclooctyl bromide	190	C8H15Br	001556-09-8	47
3		1,1'-Bicyclooctyl	222	C16H30	006708-17-4	47
4		Cyclopentane, 1,1,3-trimethyl-3-...	166	C12H22	074421-09-3	43
5		1,1'-Bicyclooctyl	222	C16H30	006708-17-4	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
Acq On : 02 Apr 2019 19:49
Operator : JU/SJ
Sample : K2148-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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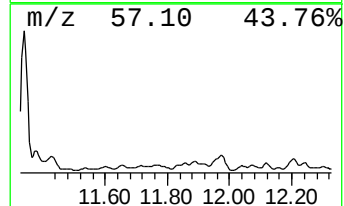
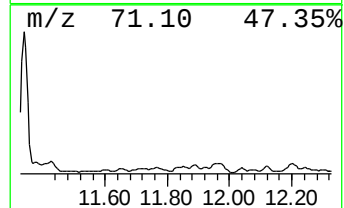
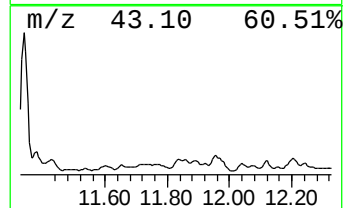
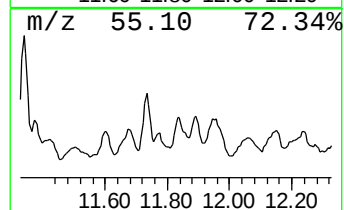
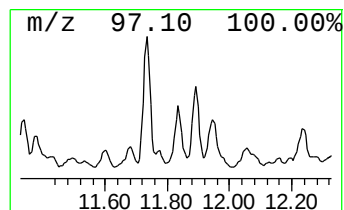
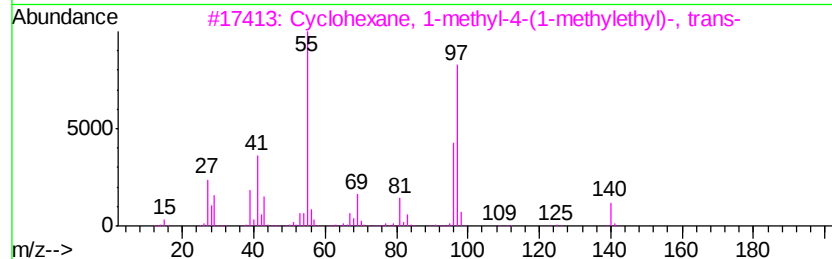
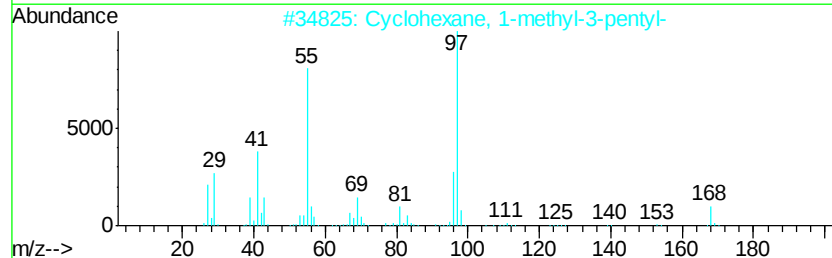
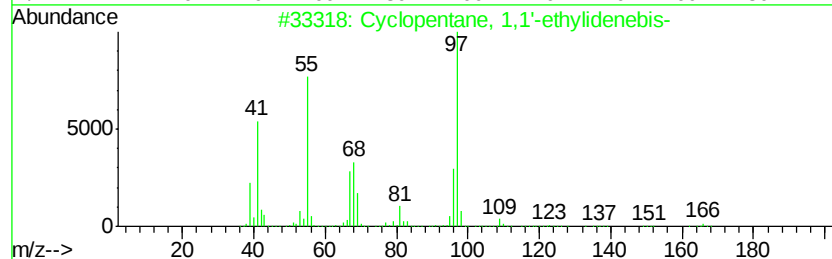
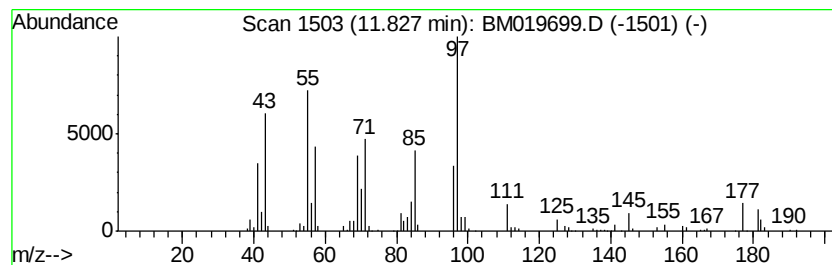
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 unknown-09 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	4.72 ng/ul	308646	Napthalene-d8	10.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	38
2			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	35
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	35
4			Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	35
5			Cyclohexane, 1-isopropyl-3-methy...	140	C10H20	1000158-54-3	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
Acq On : 02 Apr 2019 19:49
Operator : JU/SJ
Sample : K2148-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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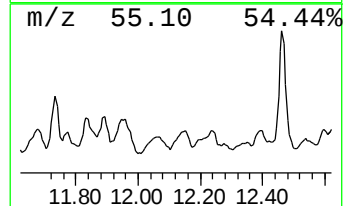
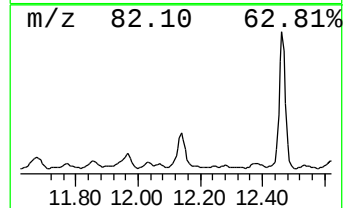
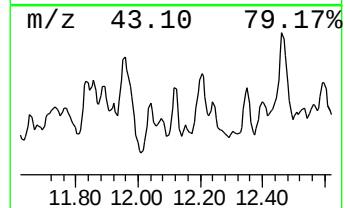
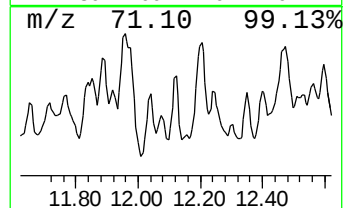
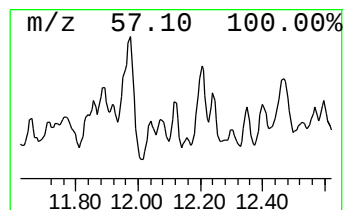
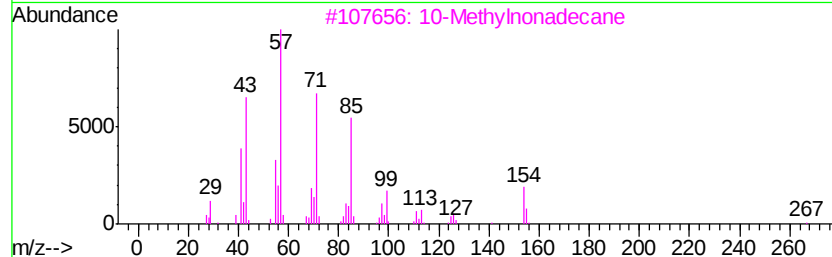
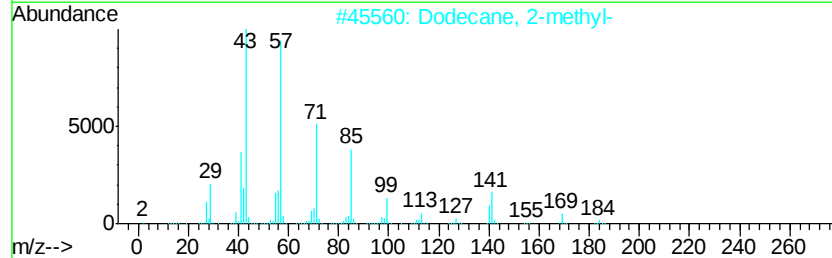
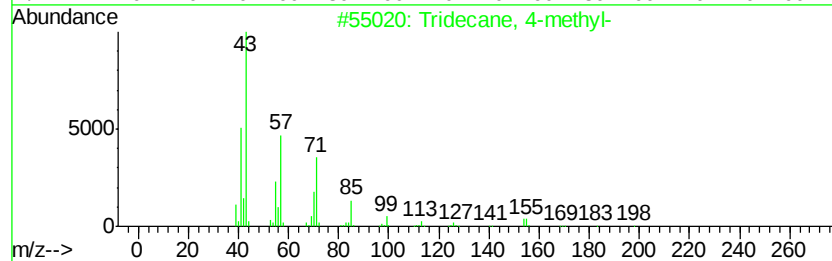
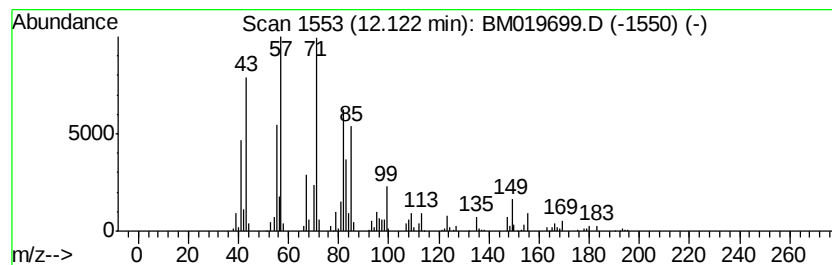
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	3.06 ng/ul	200273	Naphthalene-d8	10.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 4-methyl-	198	C14H30	026730-12-1	58
2			Dodecane, 2-methyl-	184	C13H28	001560-97-0	50
3			10-Methylnonadecane	282	C20H42	056862-62-5	46
4			1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	43
5			Undecane, 5-methyl-	170	C12H26	001632-70-8	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
Acq On : 02 Apr 2019 19:49
Operator : JU/SJ
Sample : K2148-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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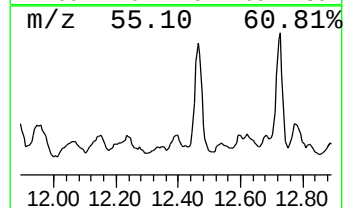
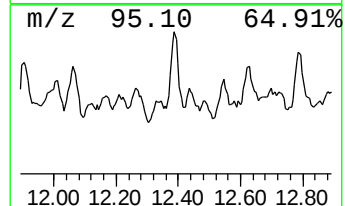
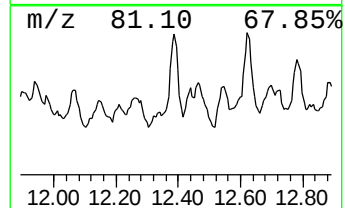
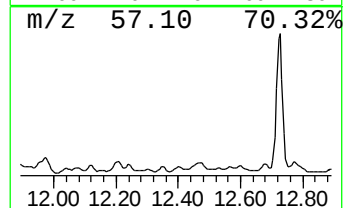
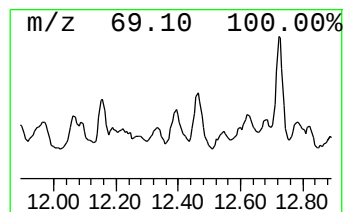
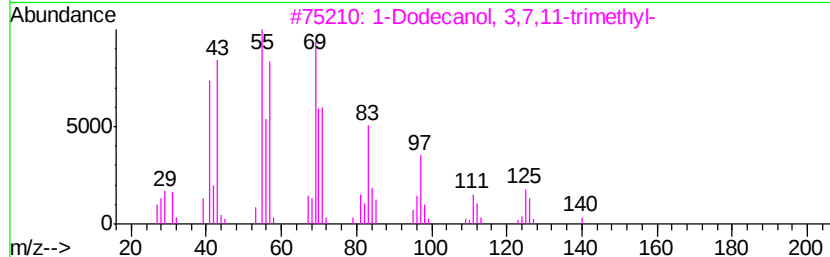
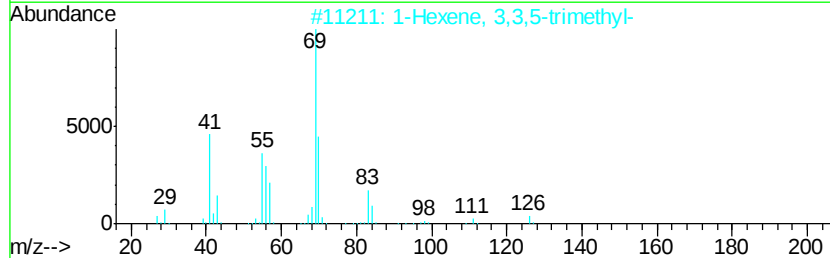
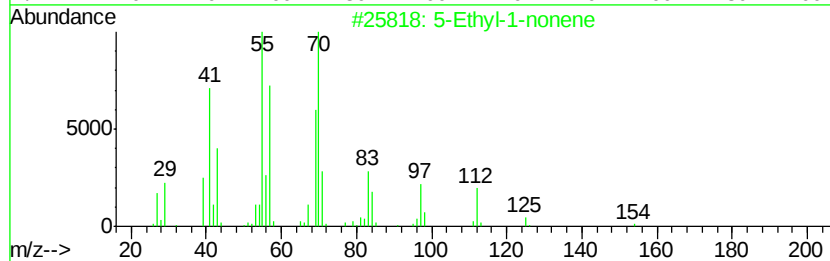
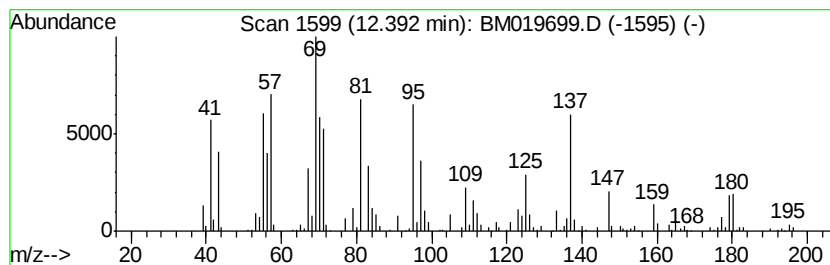
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 (DEL) Alkane: Cyclic12.39 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	4.29 ng/ul	506572	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Ethyl-1-nonene	154	C11H22	019780-74-6	35
2		1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	35
3		1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	27
4		2-Methyl-2-heptene	112	C8H16	000627-97-4	25
5		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
Acq On : 02 Apr 2019 19:49
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Sample : K2148-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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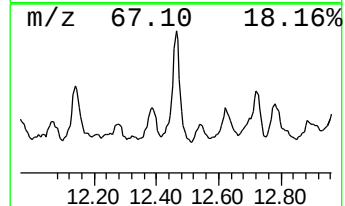
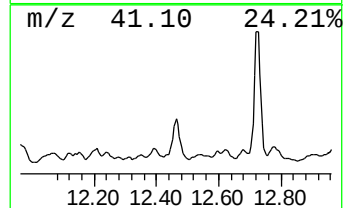
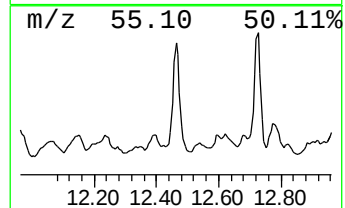
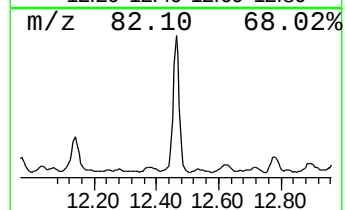
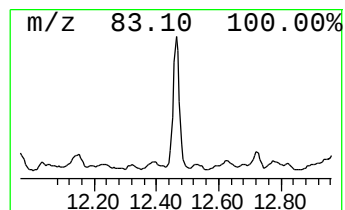
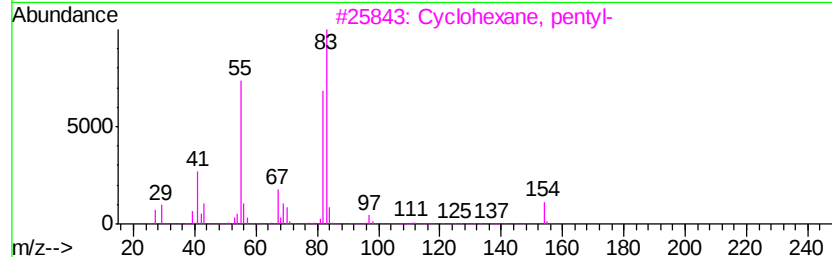
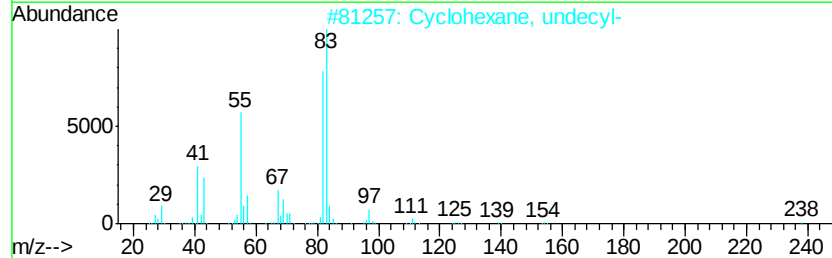
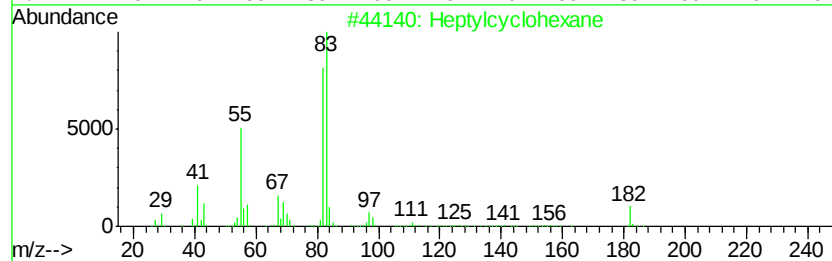
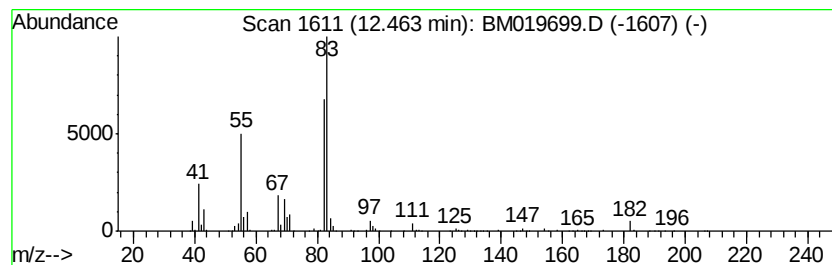
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 (DEL) Alkane: Cyclic12.46 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	16.03 ng/ul	1890620	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptylcyclohexane	182	C13H26	005617-41-4	91
2		Cyclohexane, undecyl-	238	C17H34	054105-66-7	90
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	83
4		Cyclohexane, decyl-	224	C16H32	001795-16-0	78
5		Cyclohexane, pentyl-	154	C11H22	004292-92-6	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
Acq On : 02 Apr 2019 19:49
Operator : JU/SJ
Sample : K2148-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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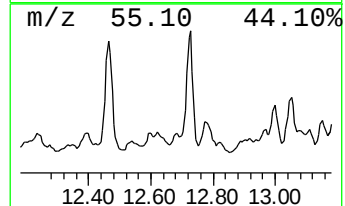
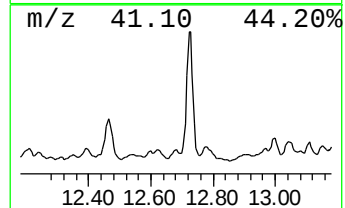
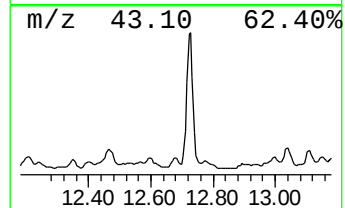
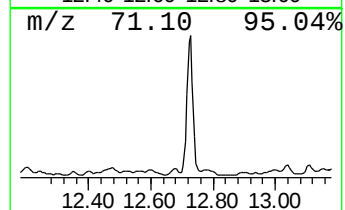
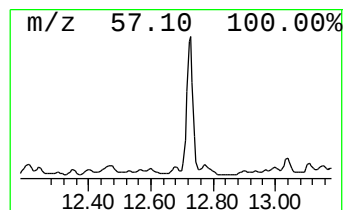
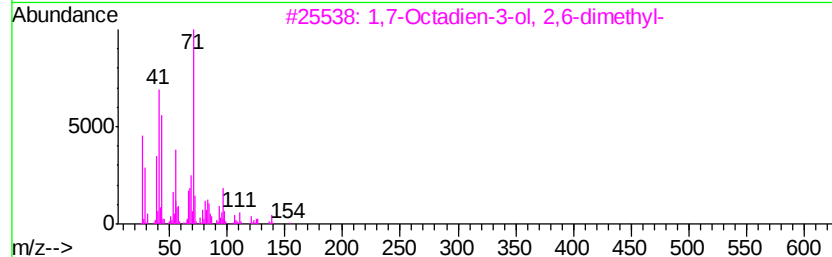
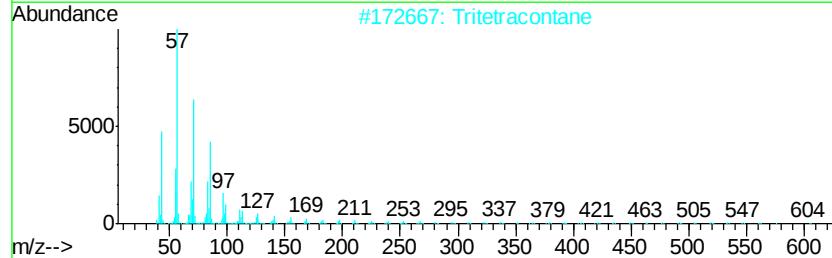
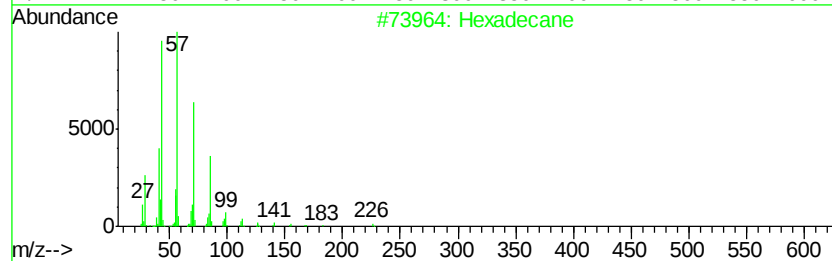
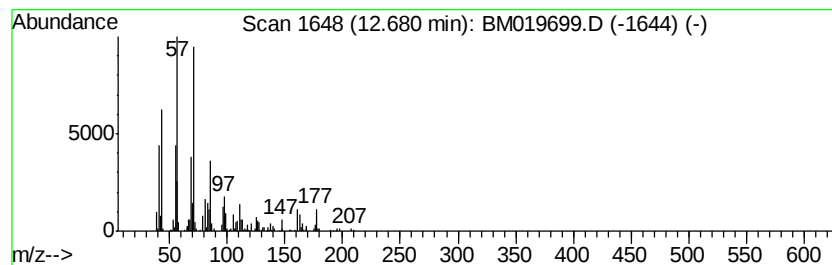
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	2.90 ng/ul	342420	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	53
2		Tritetracontane	605	C43H88	007098-21-7	47
3		1,7-Octadien-3-ol, 2,6-dimethyl-	154	C10H18O	022460-59-9	46
4		Tridecane	184	C13H28	000629-50-5	43
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
Acq On : 02 Apr 2019 19:49
Operator : JU/SJ
Sample : K2148-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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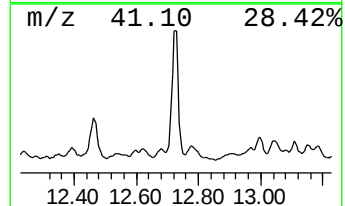
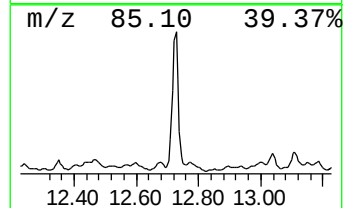
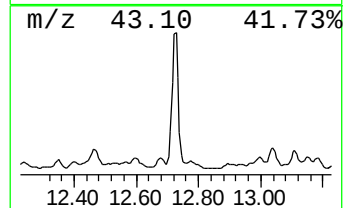
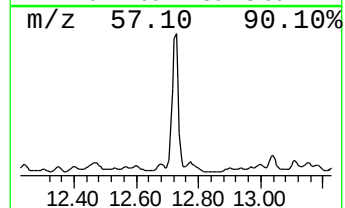
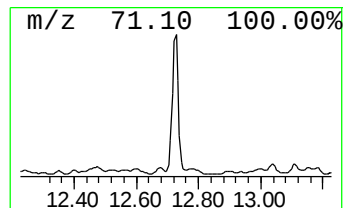
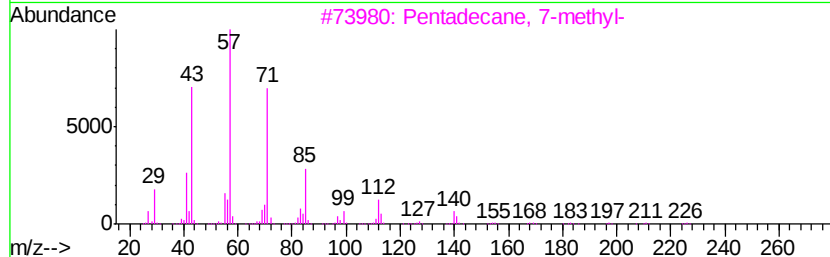
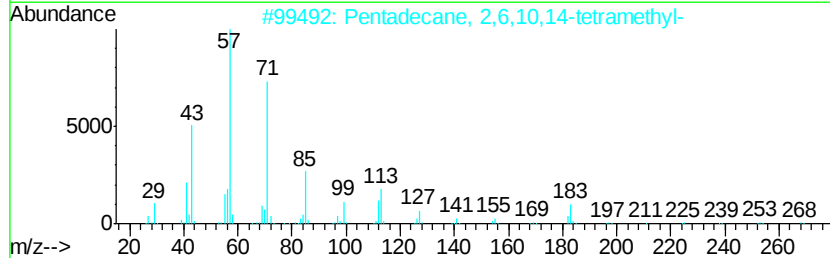
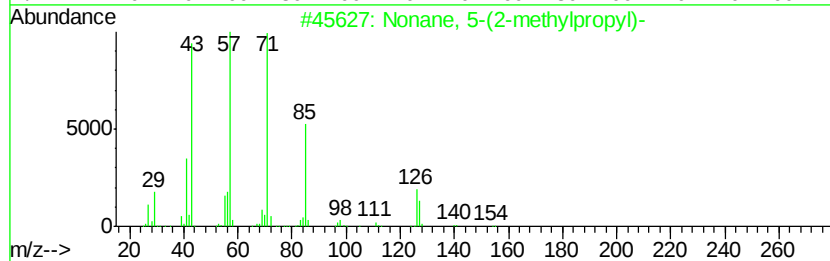
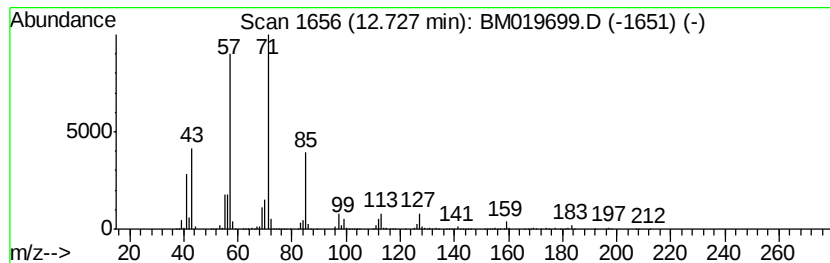
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	44.36 ng/ul	5233150	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	72
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
3		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
Acq On : 02 Apr 2019 19:49
Operator : JU/SJ
Sample : K2148-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

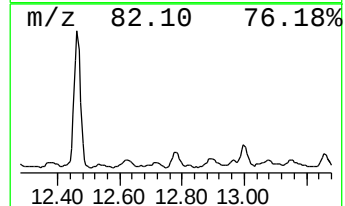
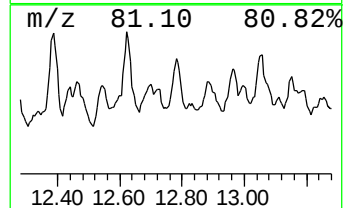
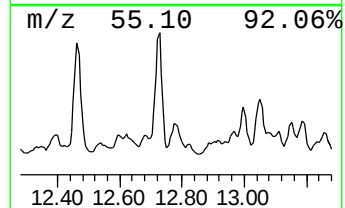
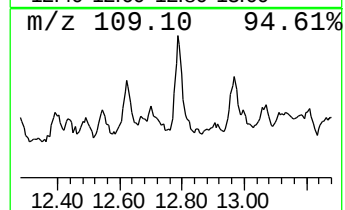
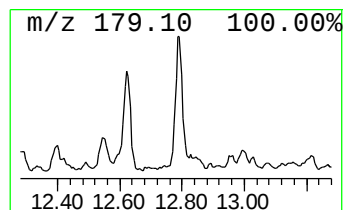
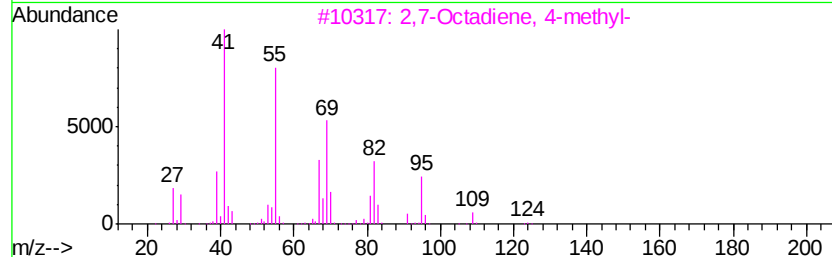
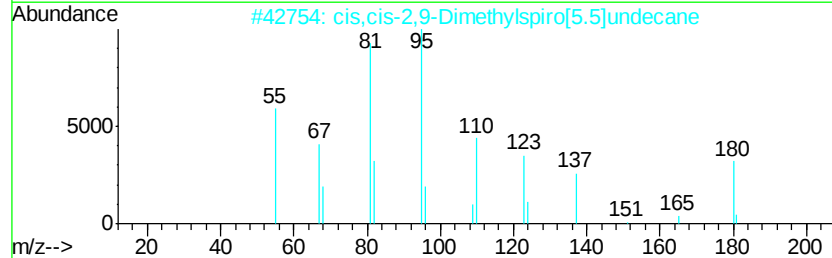
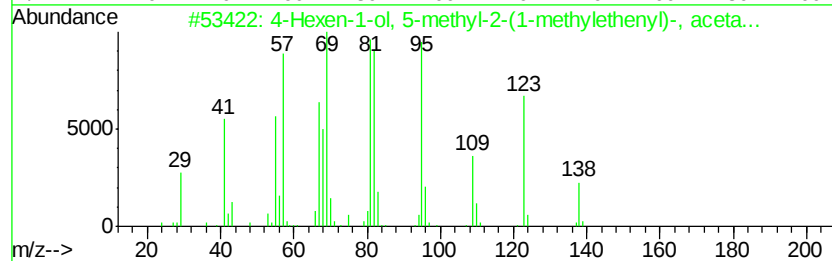
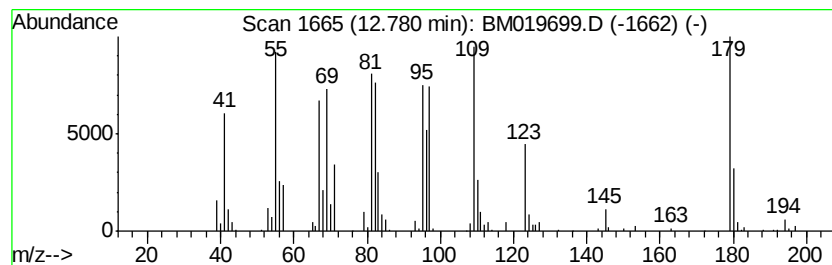
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 unknown-10 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.78	5.60 ng/ul	660757	Acenaphthene-d10	14.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hexen-1-ol, 5-methyl-2-(1-meth...	196	C12H20O2	020777-39-3	47
2	cis,cis-2,9-Dimethylspiro[5.5]un...	180	C13H24	095472-51-8	38
3	2,7-Octadiene, 4-methyl-	124	C9H16	1000061-78-0	38
4	Bicyclo[4.1.0]heptane, 2-methyl-...	180	C13H24	055937-92-3	38
5	Cyclododecene, 1-methyl-	180	C13H24	023070-53-3	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
Acq On : 02 Apr 2019 19:49
Operator : JU/SJ
Sample : K2148-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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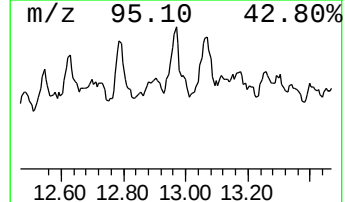
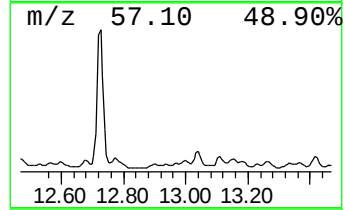
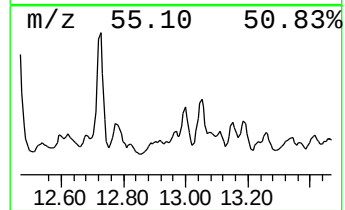
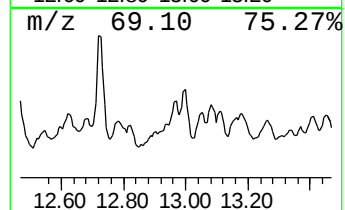
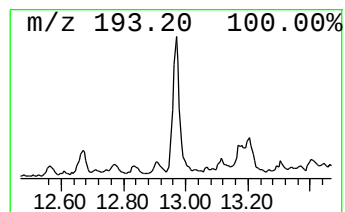
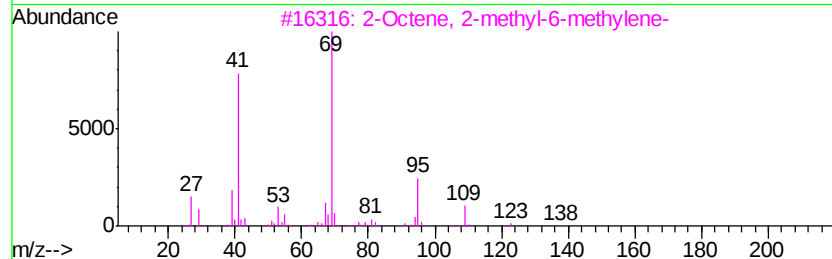
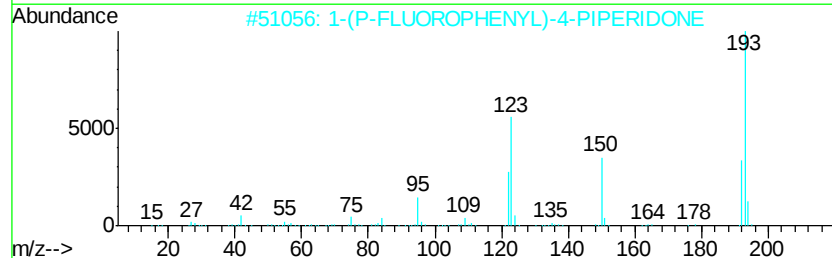
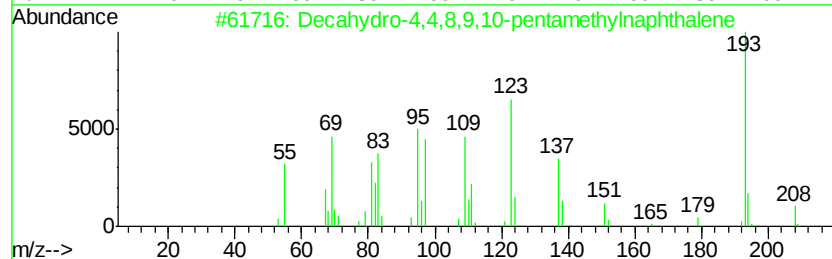
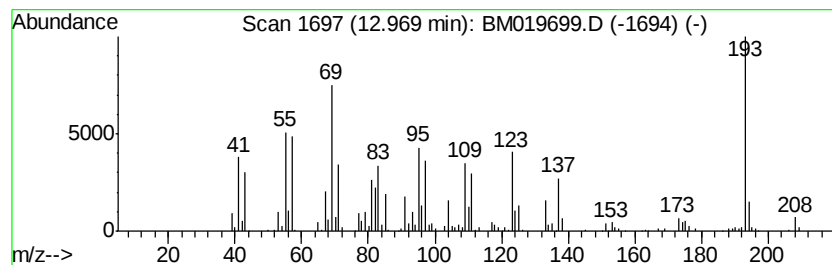
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 Decahydro-4,4,8,9,10-pentam... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	2.26 ng/ul	266444	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	70
2		1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	27
3		2-Octene, 2-methyl-6-methylene-	138	C10H18	010054-09-8	27
4		2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	16
5		Cyclopentanecarboxylic acid, eth...	140	C8H12O2	016523-06-1	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
Acq On : 02 Apr 2019 19:49
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Sample : K2148-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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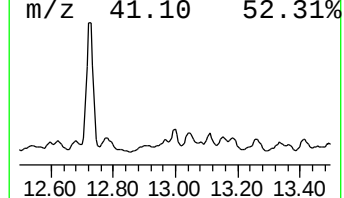
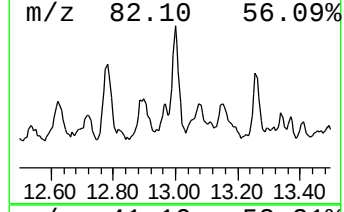
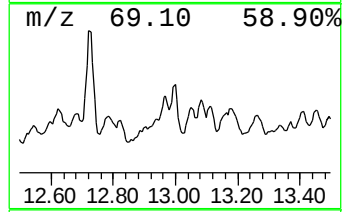
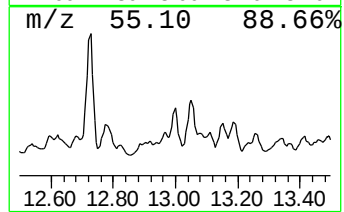
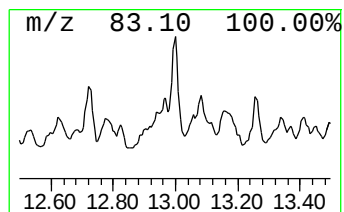
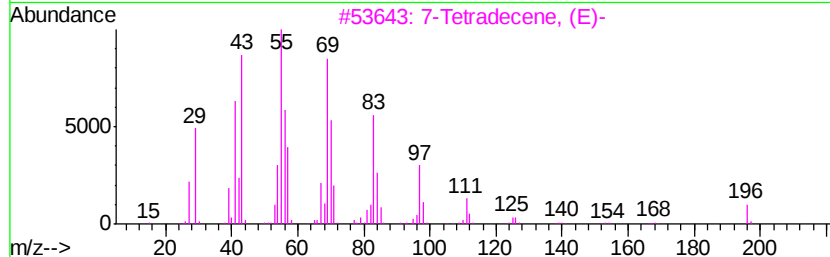
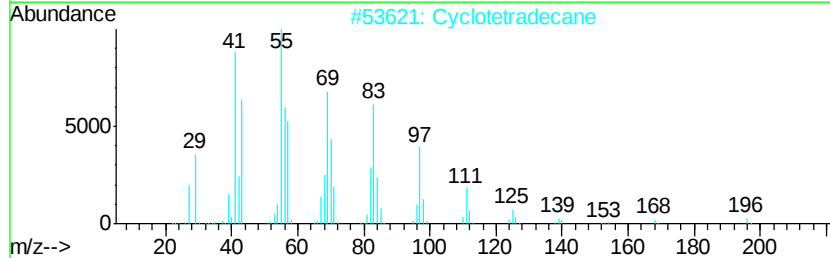
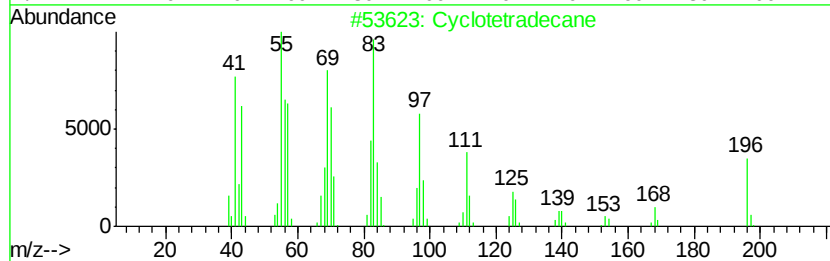
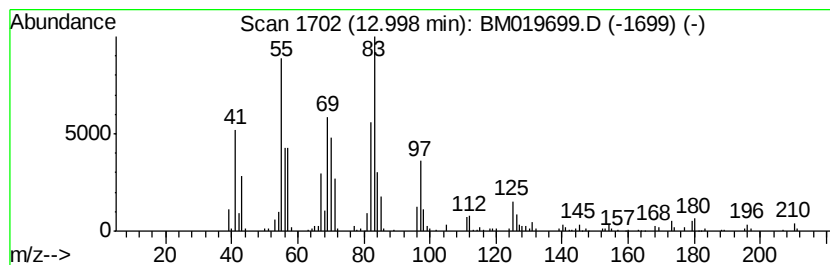
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 (DEL) Alkane: Cyclic13.00 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	4.32 ng/ul	509034	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetradecane	196	C14H28	000295-17-0	70
2			Cyclotetradecane	196	C14H28	000295-17-0	60
3			7-Tetradecene, (E)-	196	C14H28	041446-63-3	52
4			7-Tetradecene, (Z)-	196	C14H28	041446-60-0	52
5			6-Tetradecene, (Z)-	196	C14H28	041446-61-1	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
Acq On : 02 Apr 2019 19:49
Operator : JU/SJ
Sample : K2148-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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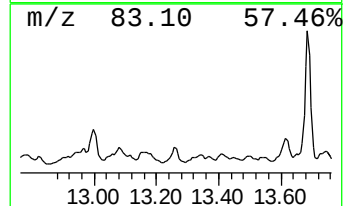
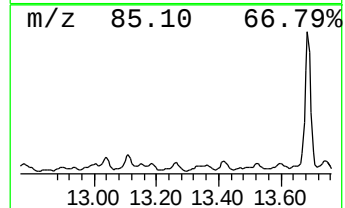
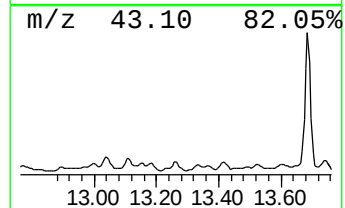
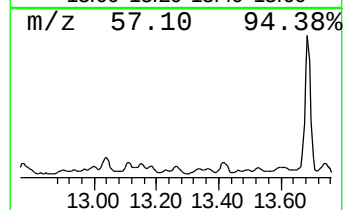
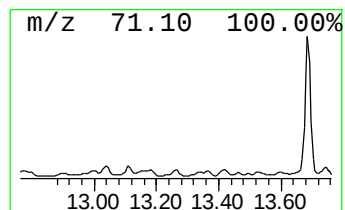
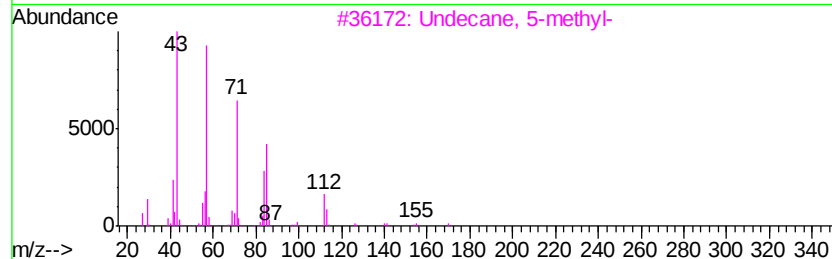
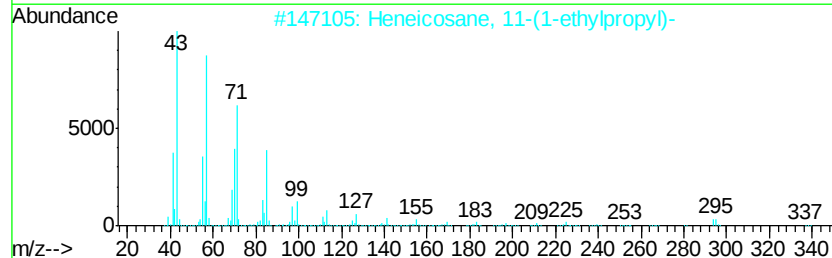
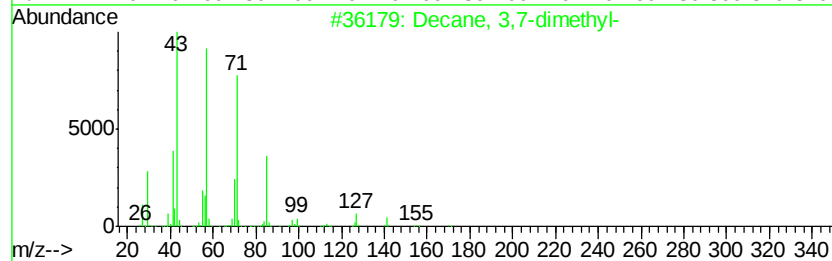
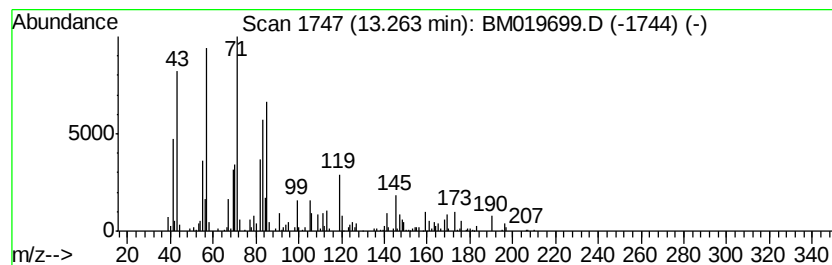
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	4.48 ng/ul	528353	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	49
2			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	47
3			Undecane, 5-methyl-	170	C12H26	001632-70-8	46
4			Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	38
5			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
Acq On : 02 Apr 2019 19:49
Operator : JU/SJ
Sample : K2148-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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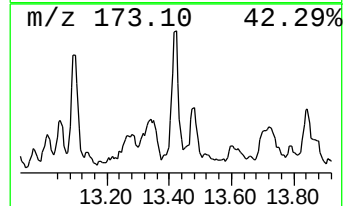
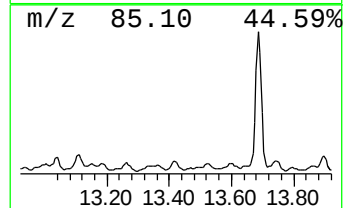
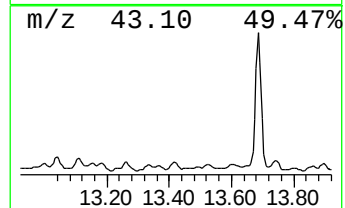
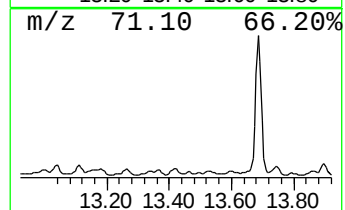
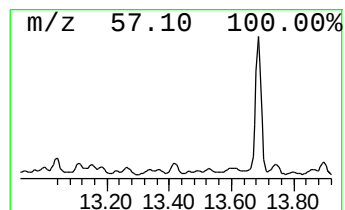
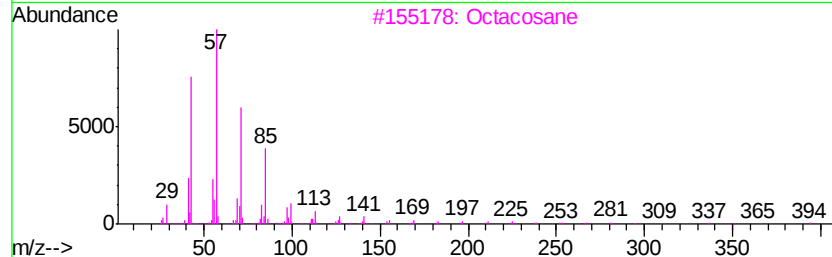
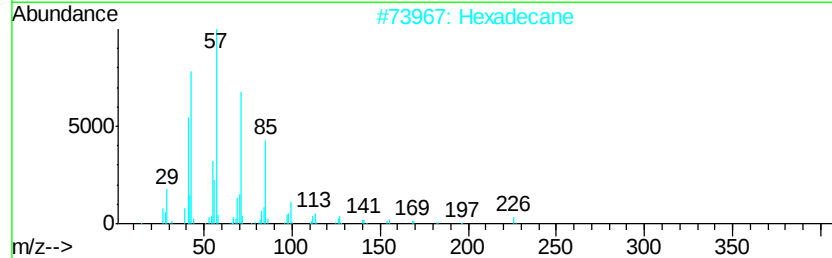
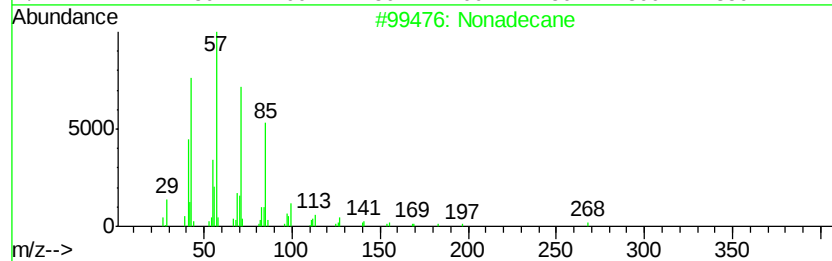
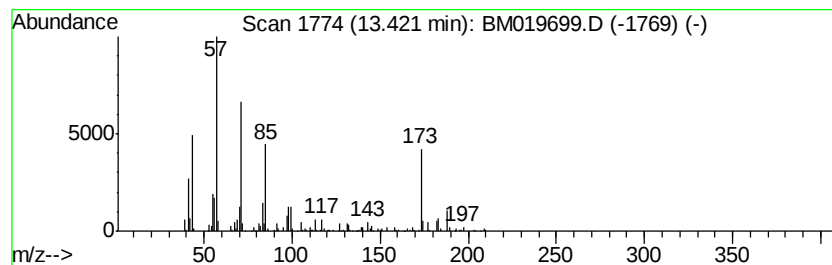
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	4.06 ng/ul	479423	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	72
2			Hexadecane	226	C16H34	000544-76-3	64
3			Octacosane	394	C28H58	000630-02-4	59
4			Nonane	128	C9H20	000111-84-2	53
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
Acq On : 02 Apr 2019 19:49
Operator : JU/SJ
Sample : K2148-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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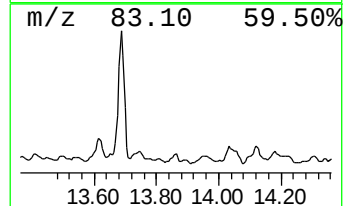
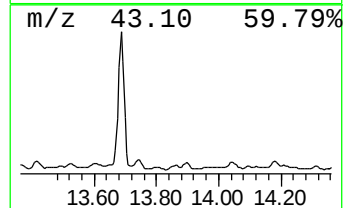
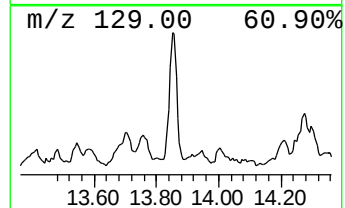
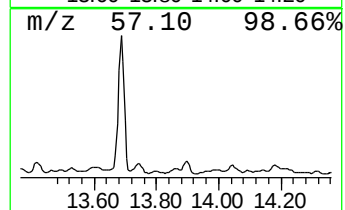
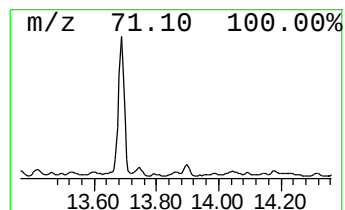
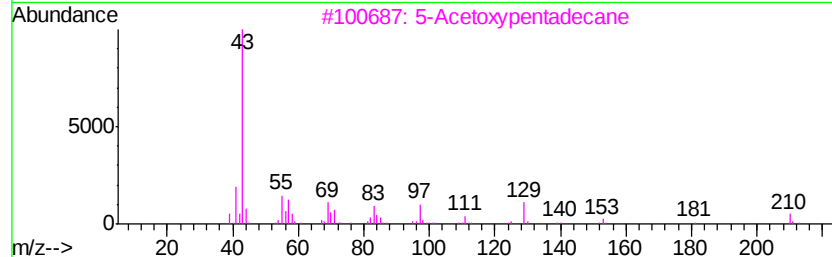
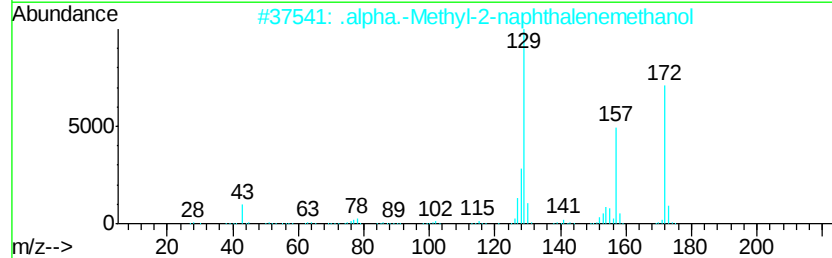
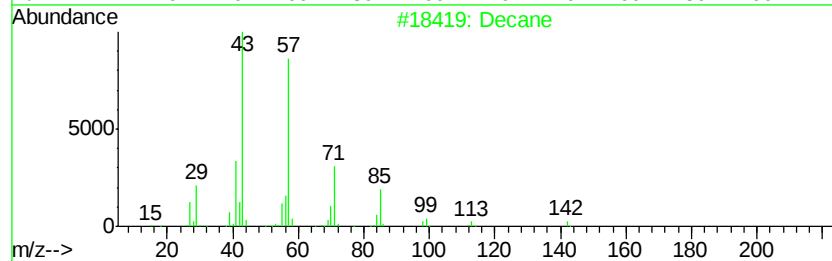
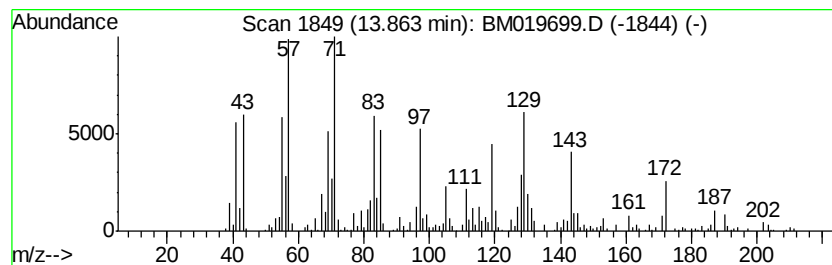
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	4.75 ng/ul	560576	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	20
2			.alpha.-Methyl-2-naphthalenemeth...	172	C12H12O	007228-47-9	18
3			5-Acetoxypentadecane	270	C17H34O2	1000245-62-3	14
4			Benzene, 2-heptynyl-	172	C13H16	054725-17-6	11
5			Fluorene, 1,2,3,4,4a,9a-hexahydr...	172	C13H16	001559-97-3	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
Acq On : 02 Apr 2019 19:49
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Sample : K2148-11
Misc :
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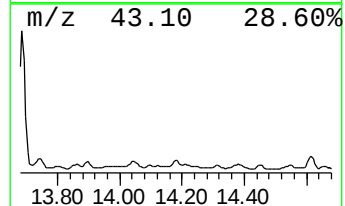
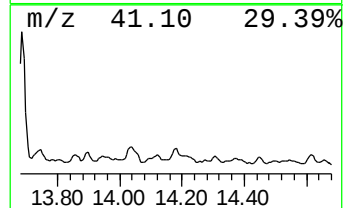
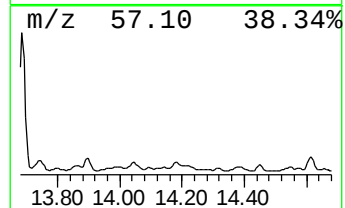
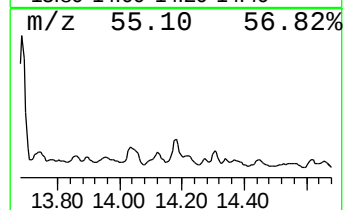
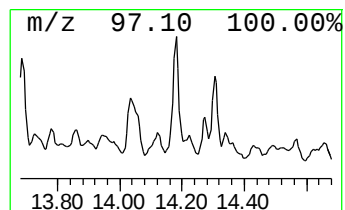
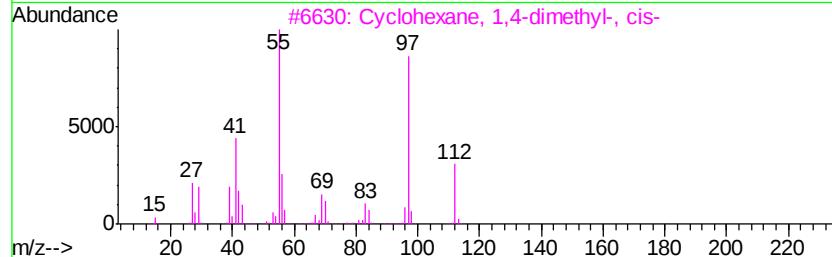
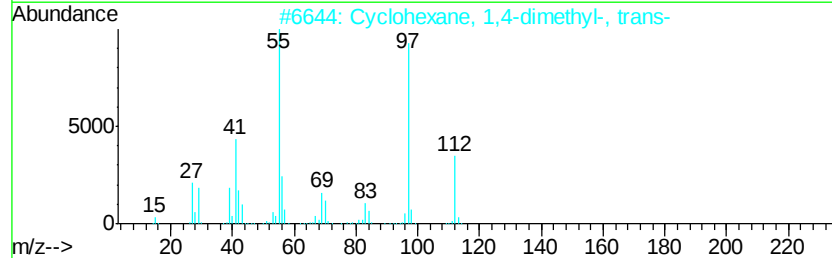
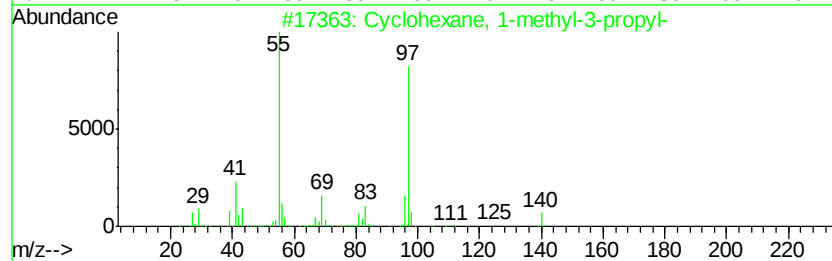
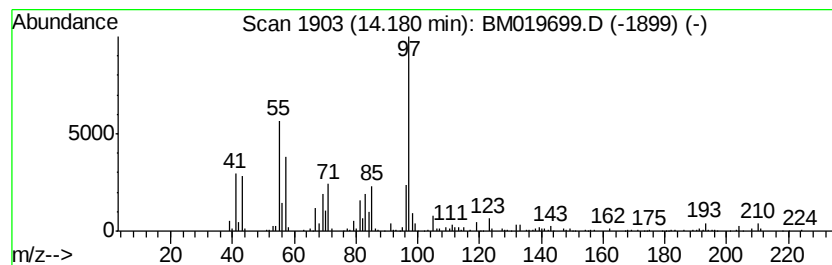
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 49 (DEL) Alkane: Cyclic14.18 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	5.94 ng/ul	701062	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	47
2			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	43
3			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	43
4			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	43
5			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
Acq On : 02 Apr 2019 19:49
Operator : JU/SJ
Sample : K2148-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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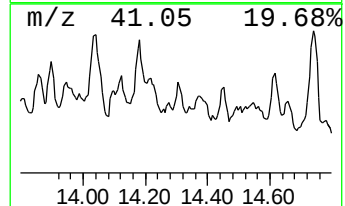
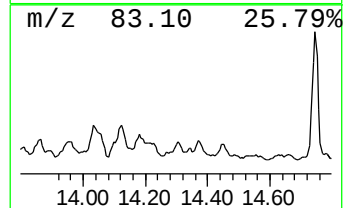
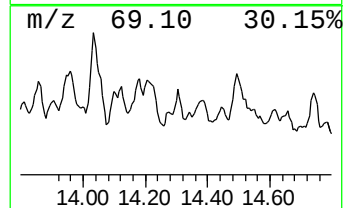
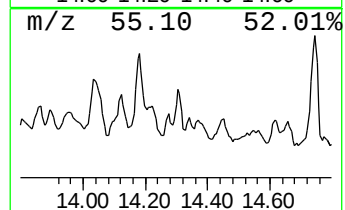
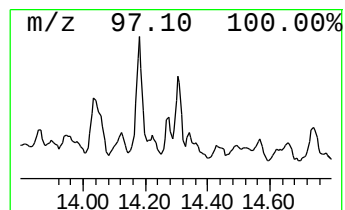
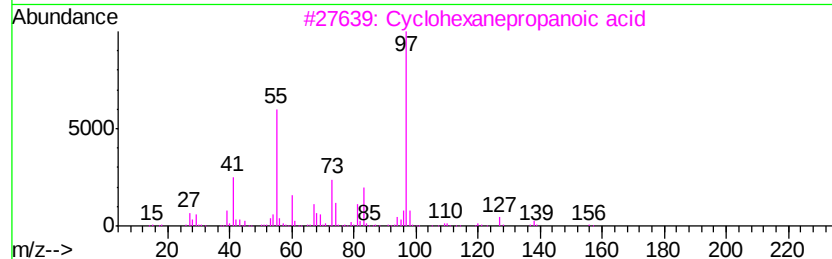
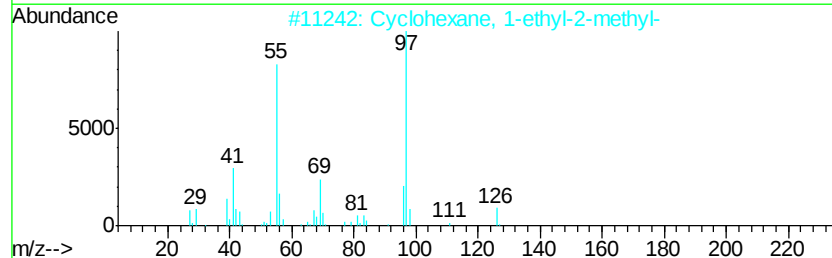
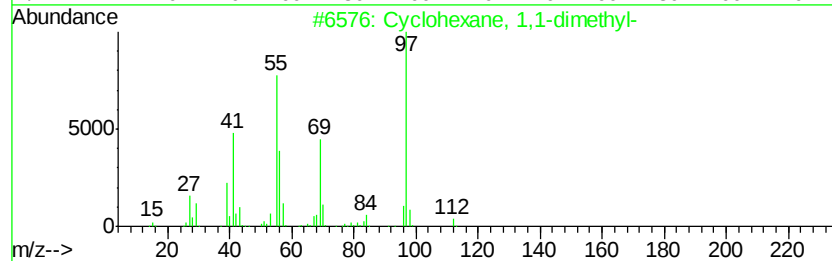
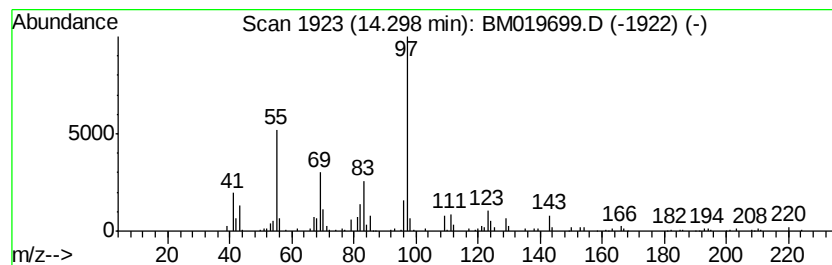
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 50 (DEL) Alkane: Cyclic14.30 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	2.54 ng/ul	299272	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	55
2			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	50
3			Cyclohexanepropanoic acid	156	C9H16O2	000701-97-3	50
4			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	50
5			2-Hexenoic acid, 4-methylphenyl ...	204	C13H16O2	069687-91-8	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
Acq On : 02 Apr 2019 19:49
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Sample : K2148-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampled :
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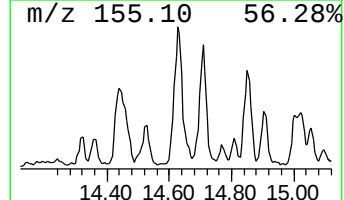
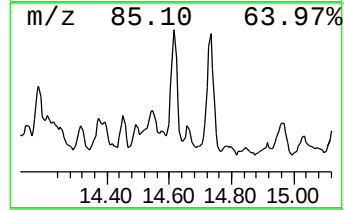
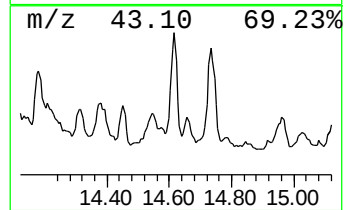
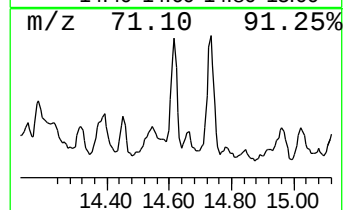
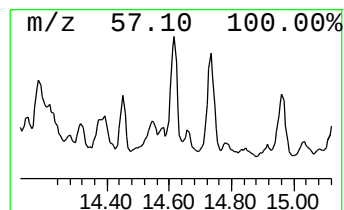
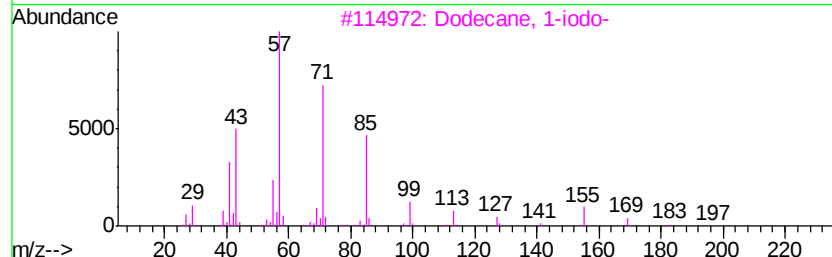
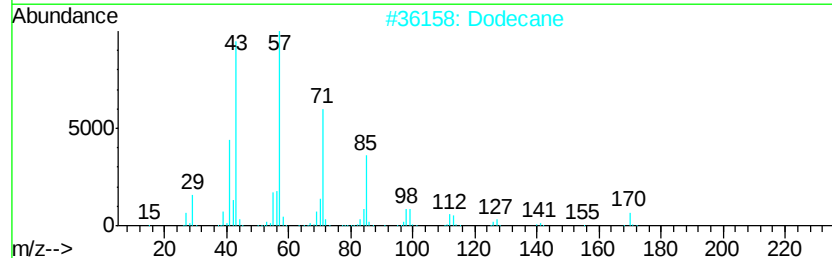
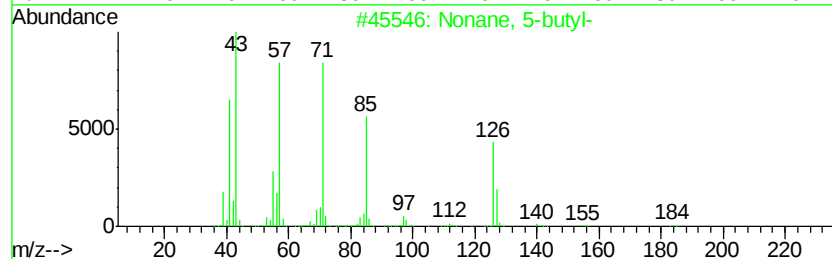
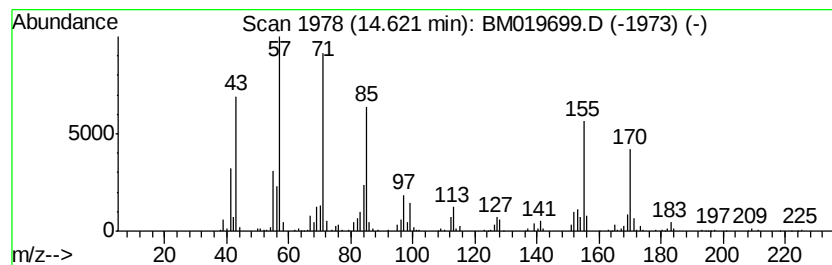
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	4.82 ng/ul	568920	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 5-butyl-	184	C13H28	017312-63-9	83
2		Dodecane	170	C12H26	000112-40-3	74
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
4		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	64
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
Acq On : 02 Apr 2019 19:49
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Sample : K2148-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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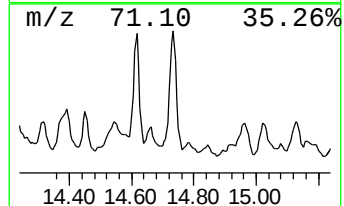
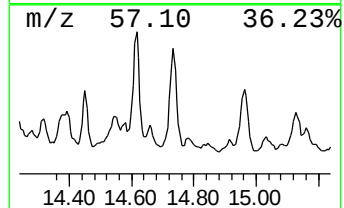
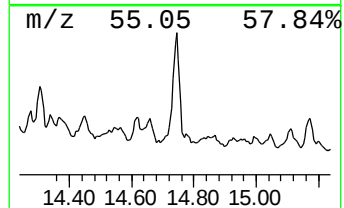
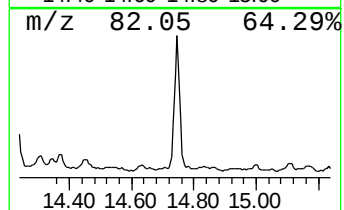
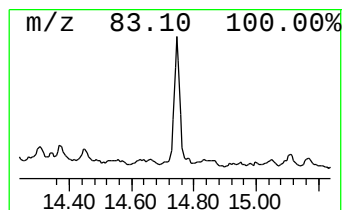
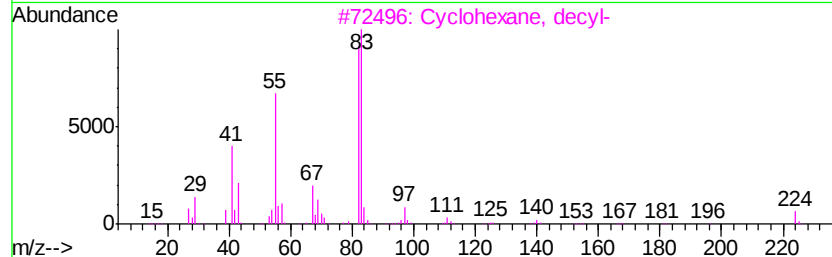
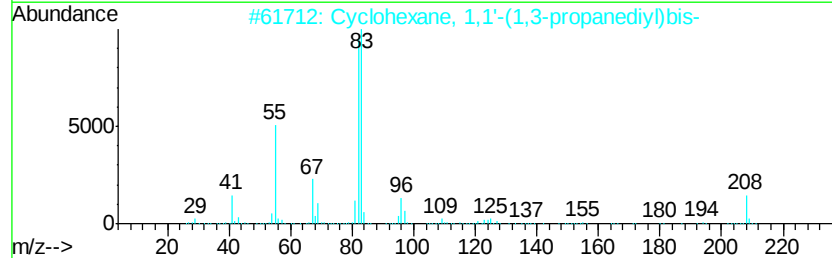
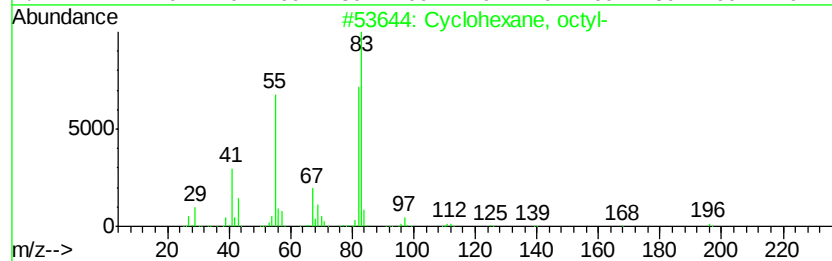
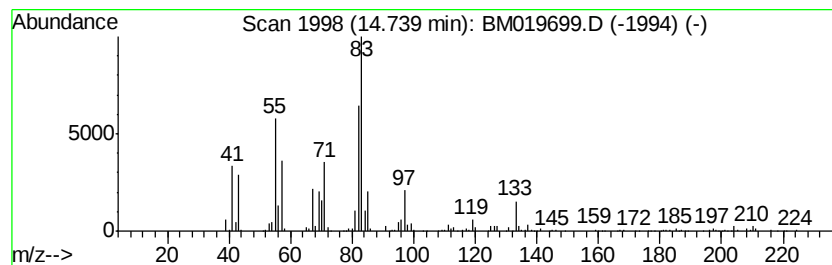
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 52 (DEL) Alkane: Cyclic14.74 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	8.57 ng/ul	1010660	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, octyl-	196	C14H28	001795-15-9	76
2			Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	74
3			Cyclohexane, decyl-	224	C16H32	001795-16-0	74
4			n-Nonylcyclohexane	210	C15H30	002883-02-5	72
5			Cyclohexane, tetradecyl-	280	C20H40	001795-18-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
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 Misc :
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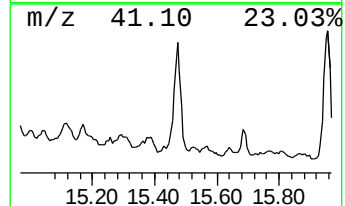
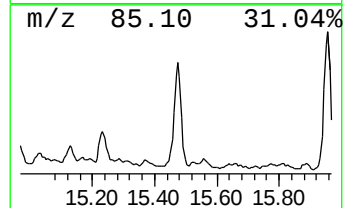
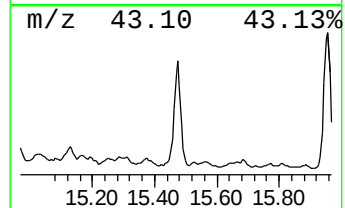
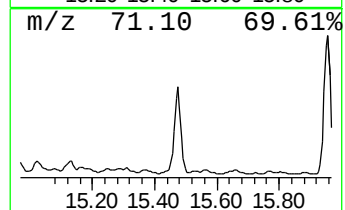
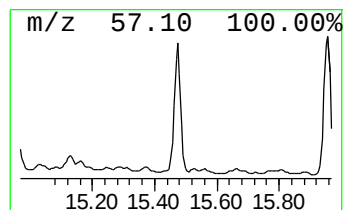
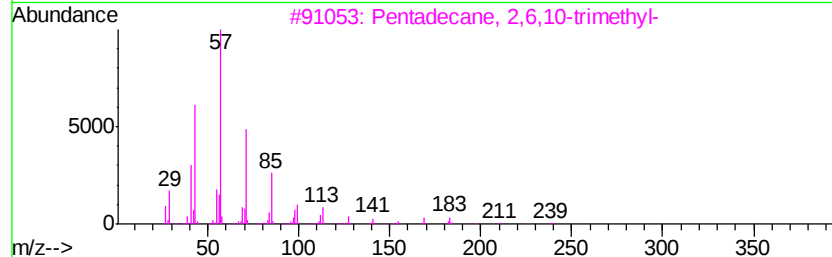
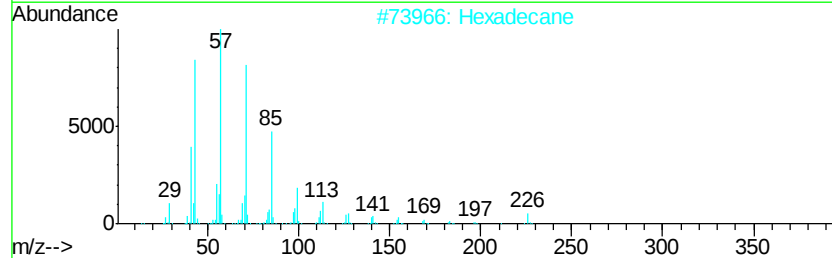
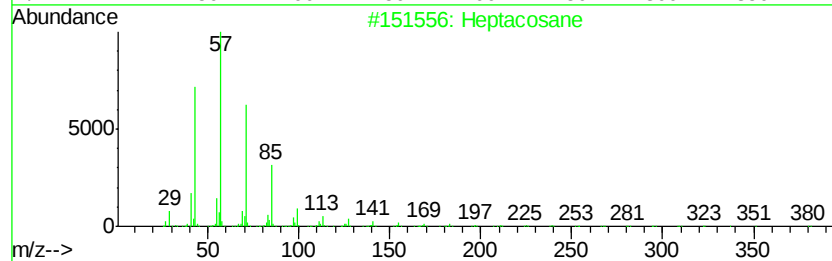
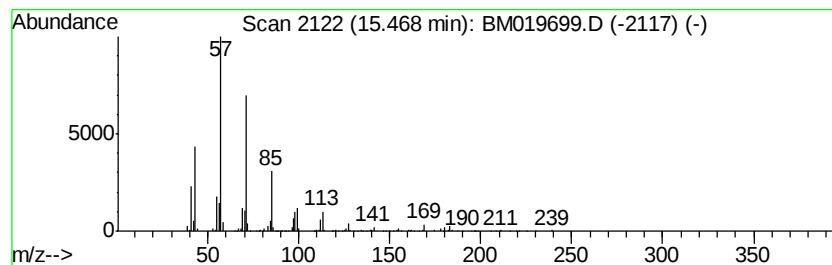
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 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	11.72 ng/ul	1381990	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	86
2		Hexadecane	226	C16H34	000544-76-3	83
3		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
4		Eicosane	282	C20H42	000112-95-8	80
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
Acq On : 02 Apr 2019 19:49
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Sample : K2148-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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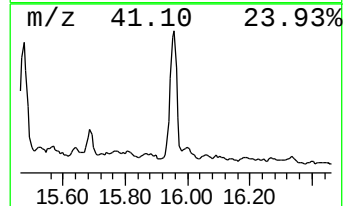
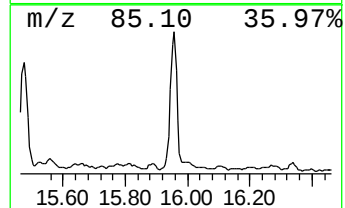
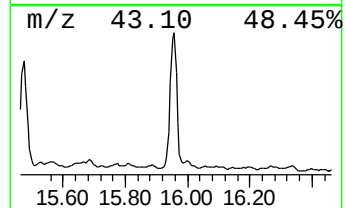
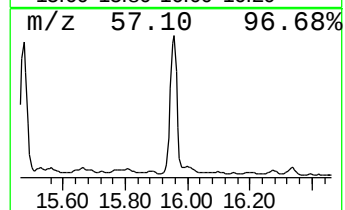
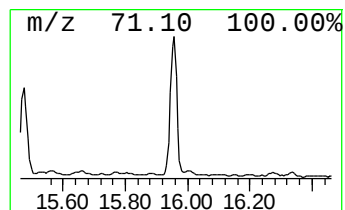
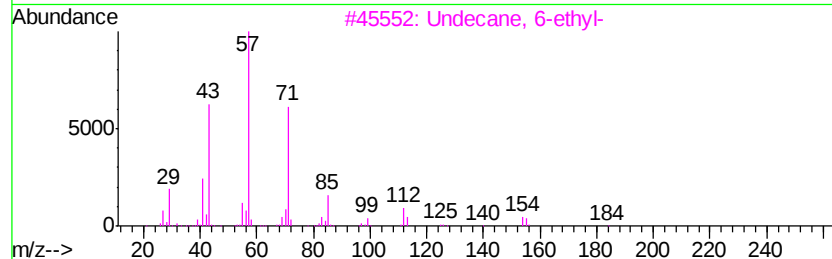
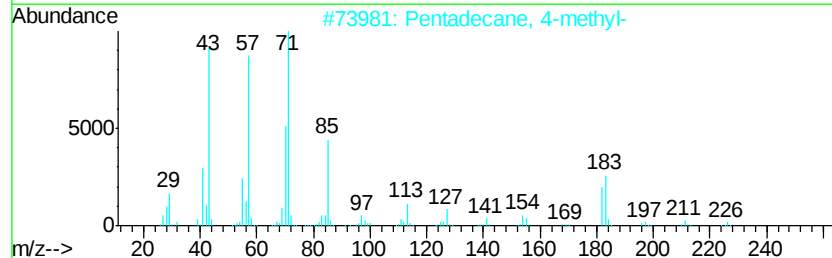
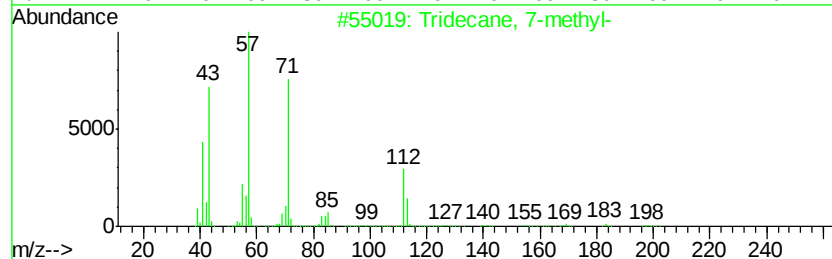
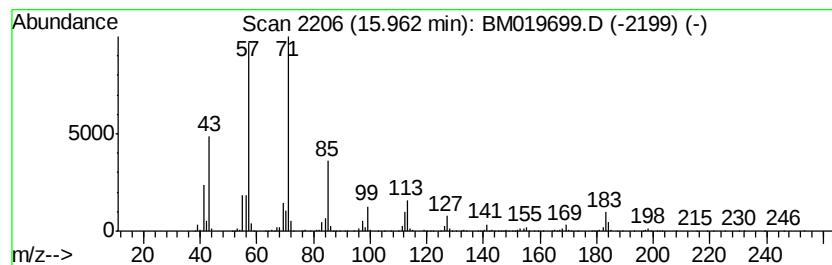
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	13.36 ng/ul	1737540	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	76
2		Pentadecane, 4-methyl-	226	C16H34	002801-87-8	72
3		Undecane, 6-ethyl-	184	C13H28	017312-60-6	72
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
Acq On : 02 Apr 2019 19:49
Operator : JU/SJ
Sample : K2148-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5F8

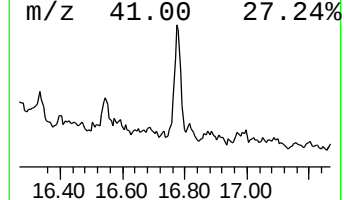
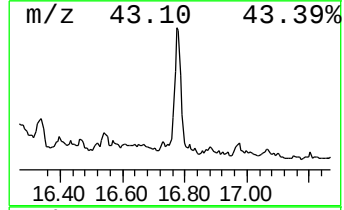
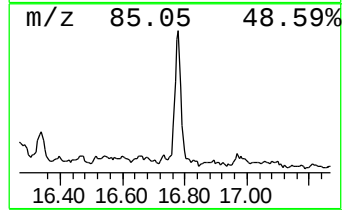
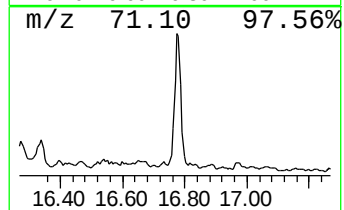
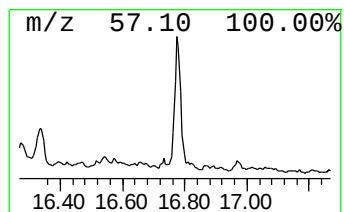
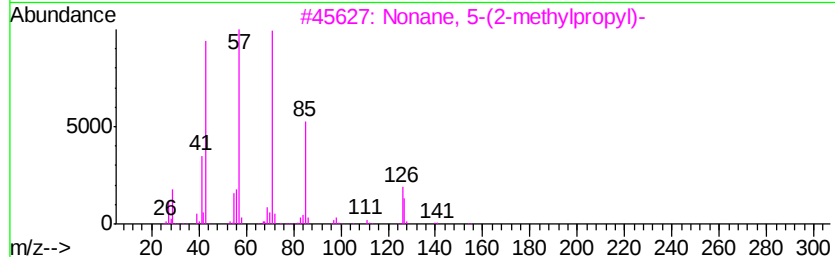
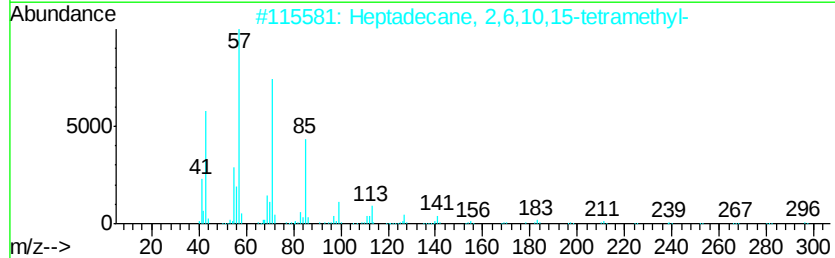
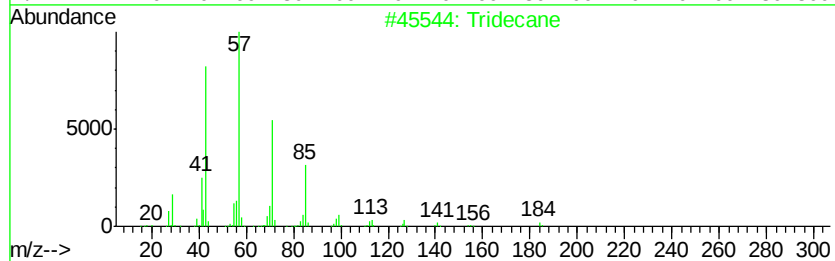
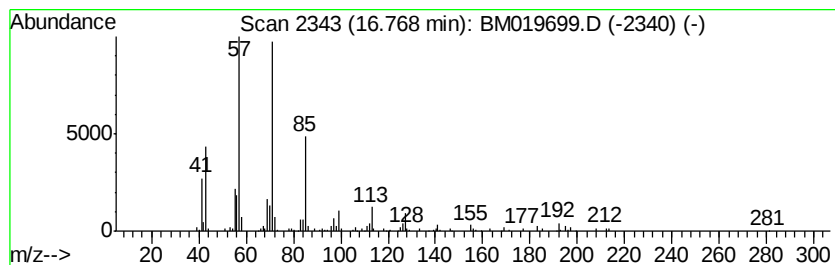
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	2.32 ng/ul	301530	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	91
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	72
4			Undecane, 6-ethyl-	184	C13H28	017312-60-6	68
5			Decane, 2-methyl-	156	C11H24	006975-98-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
Acq On : 02 Apr 2019 19:49
Operator : JU/SJ
Sample : K2148-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5F8

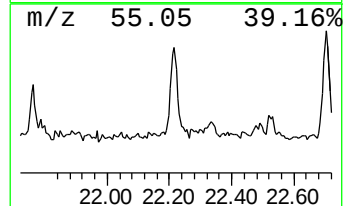
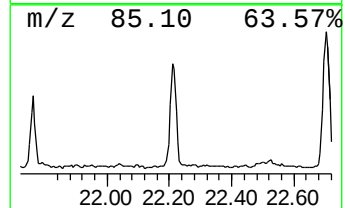
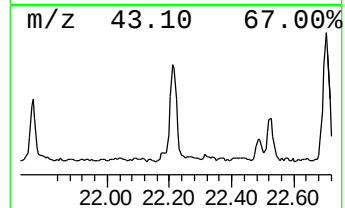
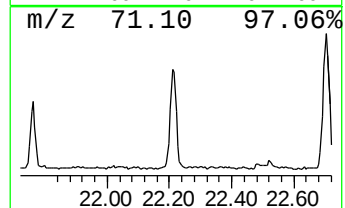
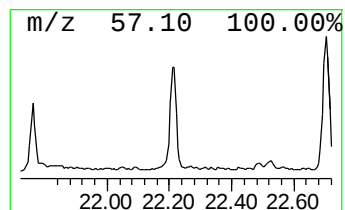
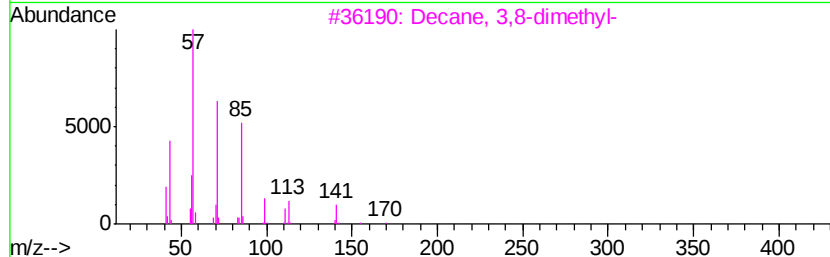
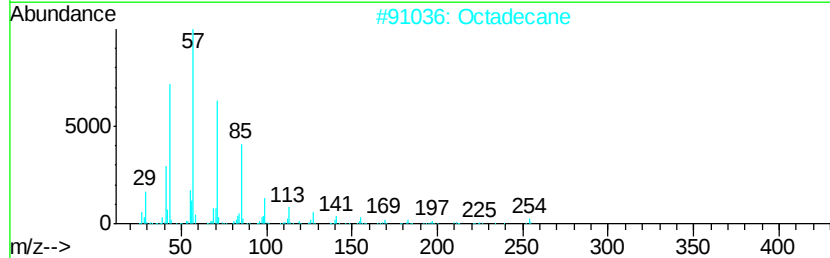
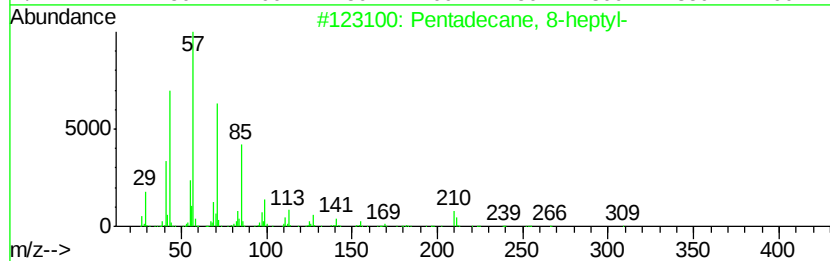
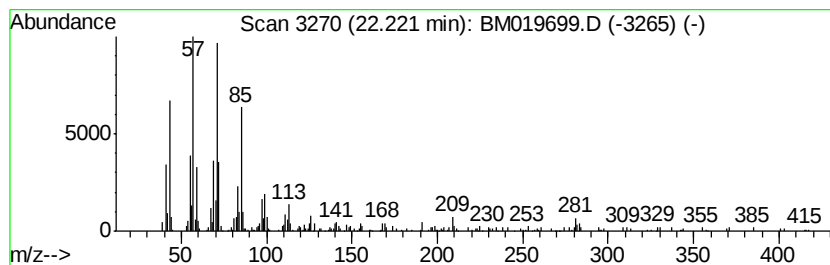
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.22	2.08 ng/ul	355960	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	80
2		Octadecane	254	C18H38	000593-45-3	72
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	68
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	68
5		Decane, 2-methyl-	156	C11H24	006975-98-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
Acq On : 02 Apr 2019 19:49
Operator : JU/SJ
Sample : K2148-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5F8

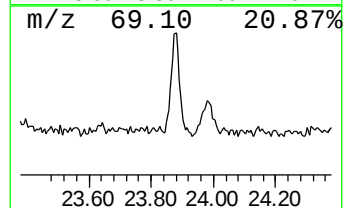
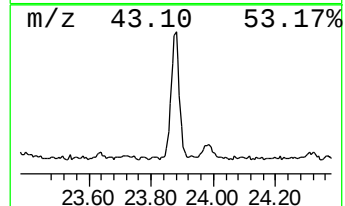
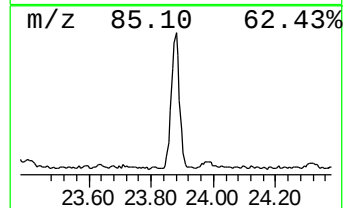
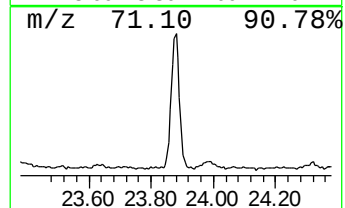
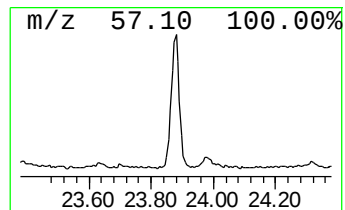
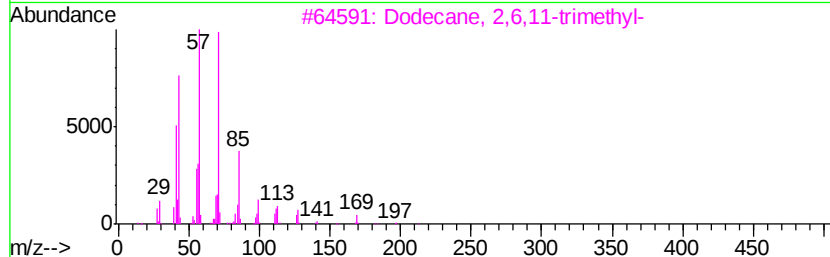
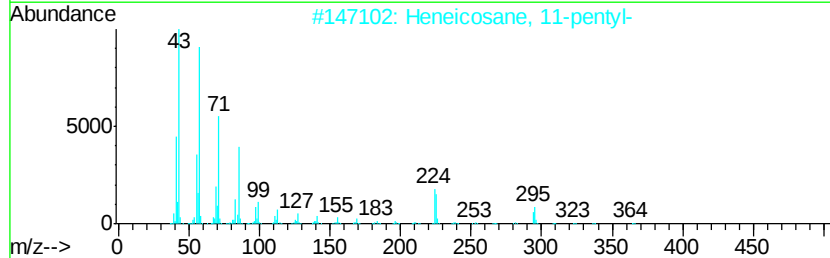
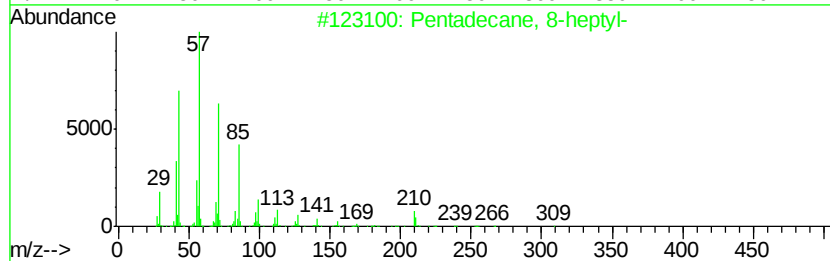
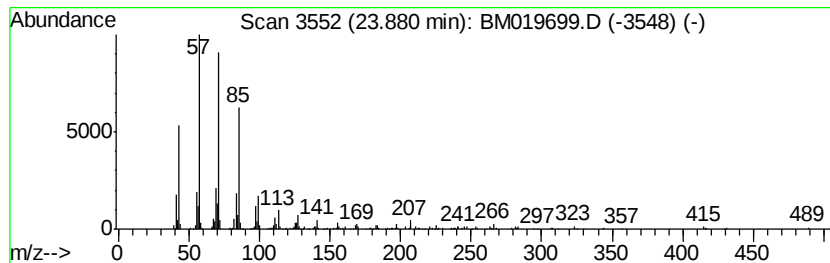
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.88	3.15 ng/ul	502944	Perylene-d12	23.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
2			Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	90
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	89
4			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	83
5			Dodecane	170	C12H26	000112-40-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019699.D
Acq On : 02 Apr 2019 19:49
Operator : JU/SJ
Sample : K2148-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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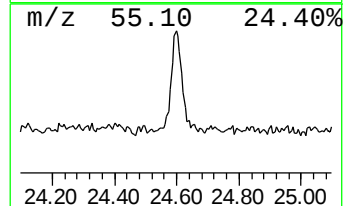
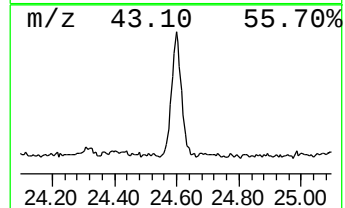
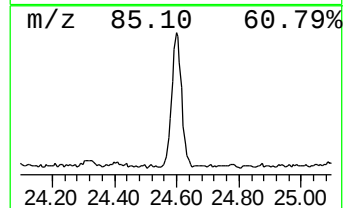
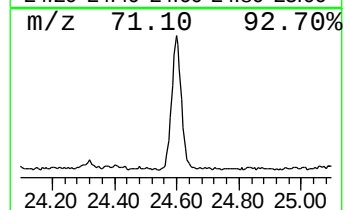
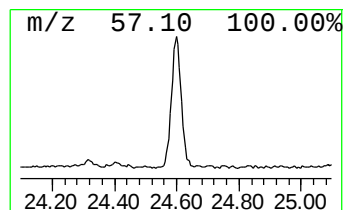
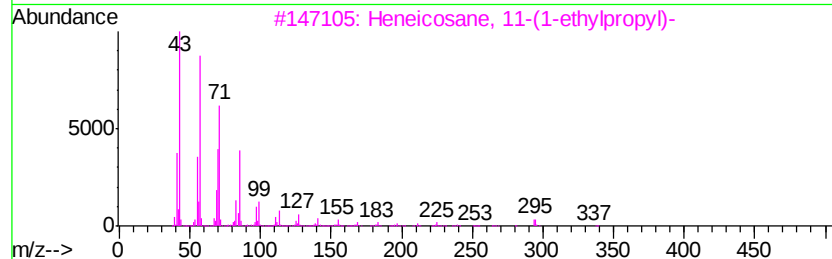
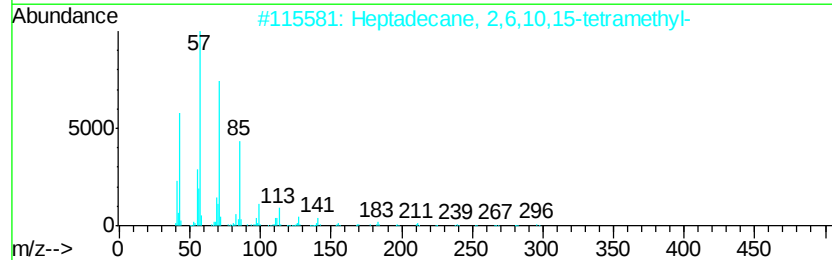
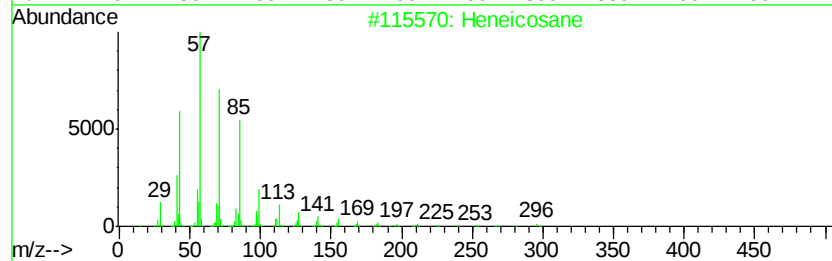
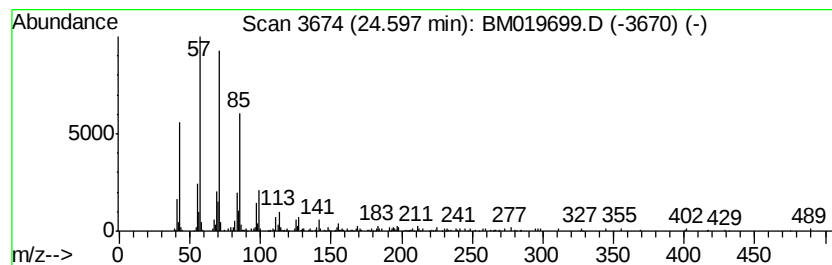
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.60	2.84 ng/ul	454140	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
4		Nonadecane	268	C19H40	000629-92-5	86
5		Octacosane	394	C28H58	000630-02-4	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
 Data File : BM019699.D
 Acq On : 02 Apr 2019 19:49
 Operator : JU/SJ
 Sample : K2148-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5F8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	6.19	3.7	ng/ul	204764	1	7.57	1113320	20.0
(DEL) Alkane: Cyc...	6.68	4.1	ng/ul	226088	1	7.57	1113320	20.0
(DEL) Alkane: Str...	7.72	4.8	ng/ul	269647	1	7.57	1113320	20.0
(DEL) Alkane: Str...	7.79	3.9	ng/ul	219241	1	7.57	1113320	20.0
(DEL) Alkane: Cyc...	7.82	7.0	ng/ul	388772	1	7.57	1113320	20.0
unknown-01	8.22	4.0	ng/ul	222693	1	7.57	1113320	20.0
Naphthalene, deca...	8.36	13.0	ng/ul	722348	1	7.57	1113320	20.0
(DEL) Alkane: Cyc...	8.60	4.6	ng/ul	257797	1	7.57	1113320	20.0
(DEL) Alkane: Cyc...	8.63	12.4	ng/ul	690474	1	7.57	1113320	20.0
unknown-02	8.84	9.6	ng/ul	534075	1	7.57	1113320	20.0
(DEL) Alkane: Cyc...	8.88	9.7	ng/ul	538783	1	7.57	1113320	20.0
unknown-03	8.99	3.6	ng/ul	236765	2	10.35	1307330	20.0
Naphthalene, deca...	9.25	8.7	ng/ul	566894	2	10.35	1307330	20.0
(DEL) Alkane: Str...	9.29	3.2	ng/ul	210699	2	10.35	1307330	20.0
(DEL) Alkane: Str...	9.90	10.4	ng/ul	680539	2	10.35	1307330	20.0
(DEL) Alkane: Str...	10.04	6.9	ng/ul	449945	2	10.35	1307330	20.0
unknown-04	10.10	3.8	ng/ul	250718	2	10.35	1307330	20.0
(DEL) Alkane: Cyc...	10.18	4.6	ng/ul	298185	2	10.35	1307330	20.0
(DEL) Alkane: Cyc...	10.22	6.7	ng/ul	436118	2	10.35	1307330	20.0
unknown-05	10.28	6.8	ng/ul	446926	2	10.35	1307330	20.0
(DEL) Alkane: Cyc...	10.45	7.0	ng/ul	460176	2	10.35	1307330	20.0
Octadecane, 1-iodo-	10.70	6.2	ng/ul	404742	2	10.35	1307330	20.0
(DEL) Alkane: Cyc...	10.80	8.4	ng/ul	550124	2	10.35	1307330	20.0
unknown-06	10.87	9.3	ng/ul	604820	2	10.35	1307330	20.0
unknown-07	10.94	4.1	ng/ul	267082	2	10.35	1307330	20.0
(DEL) Alkane: Str...	10.97	8.8	ng/ul	574816	2	10.35	1307330	20.0
(DEL) Alkane: Cyc...	11.02	23.0	ng/ul	1504540	2	10.35	1307330	20.0
unknown-08	11.15	6.2	ng/ul	404247	2	10.35	1307330	20.0
2-Isopropyl-5-met...	11.24	13.3	ng/ul	869339	2	10.35	1307330	20.0
(DEL) Alkane: Cyc...	11.60	8.8	ng/ul	578362	2	10.35	1307330	20.0
(DEL) Alkane: Cyc...	11.73	5.6	ng/ul	366697	2	10.35	1307330	20.0
(DEL) Alkane: Cyc...	11.77	4.2	ng/ul	271344	2	10.35	1307330	20.0
unknown-09	11.83	4.7	ng/ul	308646	2	10.35	1307330	20.0
(DEL) Alkane: Str...	12.12	3.1	ng/ul	200273	2	10.35	1307330	20.0
(DEL) Alkane: Cyc...	12.39	4.3	ng/ul	506572	3	14.23	2359300	20.0
(DEL) Alkane: Cyc...	12.46	16.0	ng/ul	1890620	3	14.23	2359300	20.0
(DEL) Alkane: Str...	12.68	2.9	ng/ul	342420	3	14.23	2359300	20.0
(DEL) Alkane: Str...	12.73	44.4	ng/ul	5233150	3	14.23	2359300	20.0
unknown-10	12.78	5.6	ng/ul	660757	3	14.23	2359300	20.0
Decahydro-4,4,8,9...	12.97	2.3	ng/ul	266444	3	14.23	2359300	20.0
(DEL) Alkane: Cyc...	13.00	4.3	ng/ul	509034	3	14.23	2359300	20.0
(DEL) Alkane: Str...	13.26	4.5	ng/ul	528353	3	14.23	2359300	20.0
(DEL) Alkane: Str...	13.42	4.1	ng/ul	479423	3	14.23	2359300	20.0
(DEL) Alkane: Str...	13.86	4.8	ng/ul	560576	3	14.23	2359300	20.0
(DEL) Alkane: Cyc...	14.18	5.9	ng/ul	701062	3	14.23	2359300	20.0
(DEL) Alkane: Cyc...	14.30	2.5	ng/ul	299272	3	14.23	2359300	20.0
(DEL) Alkane: Str...	14.62	4.8	ng/ul	568920	3	14.23	2359300	20.0
(DEL) Alkane: Cyc...	14.74	8.6	ng/ul	1010660	3	14.23	2359300	20.0
(DEL) Alkane: Str...	15.47	11.7	ng/ul	1381990	3	14.23	2359300	20.0

(DEL)	Alkane: Str...	15.96	13.4	ng/ul	1737540	4	16.99	2600950	20.0
(DEL)	Alkane: Str...	16.77	2.3	ng/ul	301530	4	16.99	2600950	20.0
(DEL)	Alkane: Str...	22.22	2.1	ng/ul	355960	5	21.20	3426250	20.0
(DEL)	Alkane: Str...	23.88	3.1	ng/ul	502944	6	23.41	3193000	20.0
(DEL)	Alkane: Str...	24.60	2.8	ng/ul	454140	6	23.41	3193000	20.0

Instrument :

BNA_M

ClientSampleId :

BF5F8