

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
 Data File : BM017805.D
 Acq On : 29 Nov 2018 20:46
 Operator : JU/SJ
 Sample : J6038-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB4J7

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-BM111918MA.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	3.104	16	20	25	rVB	1147042	1104345	25.83%	2.161%
2	4.834	309	314	319	rBV	122018	171672	4.02%	0.336%
3	5.069	350	354	358	rVV3	88317	142734	3.34%	0.279%
4	5.569	434	439	443	rBV2	92486	135757	3.18%	0.266%
5	5.875	484	491	498	rBV4	131602	294104	6.88%	0.576%
6	5.992	504	511	517	rVB4	63480	132272	3.09%	0.259%
7	6.087	521	527	529	rBV3	84767	147040	3.44%	0.288%
8	6.151	534	538	543	rBV	204148	276615	6.47%	0.541%
9	6.234	548	552	555	rVV2	115563	176864	4.14%	0.346%
10	6.263	555	557	564	rVB2	123390	144751	3.39%	0.283%
11	6.581	607	611	616	rVV2	154334	222825	5.21%	0.436%
12	6.722	631	635	647	rVB3	156909	368185	8.61%	0.721%
13	7.063	690	693	698	rVV	141091	239517	5.60%	0.469%
14	7.139	702	706	715	rVB4	85091	178036	4.16%	0.348%
15	7.492	758	766	770	rBV7	86424	222080	5.19%	0.435%
16	7.551	770	776	778	rVV	335668	507290	11.87%	0.993%
17	7.587	778	782	788	rVV	857497	1432288	33.50%	2.803%
18	7.634	788	790	796	rVB3	90037	162203	3.79%	0.317%
19	7.763	807	812	815	rVV3	99596	142737	3.34%	0.279%
20	7.857	820	828	835	rVB3	163972	360830	8.44%	0.706%
21	8.098	860	869	876	rBV5	111176	352966	8.26%	0.691%
22	8.392	915	919	923	rBV2	132271	195317	4.57%	0.382%
23	8.639	955	961	963	rBV4	98053	173714	4.06%	0.340%
24	8.675	963	967	976	rVB3	186116	334675	7.83%	0.655%
25	8.757	976	981	985	rBV4	119868	200142	4.68%	0.392%
26	8.875	996	1001	1004	rBV3	104046	197413	4.62%	0.386%
27	8.910	1004	1007	1014	rVB5	132877	261825	6.12%	0.512%
28	9.022	1014	1026	1028	rBV5	83849	223079	5.22%	0.437%
29	9.204	1052	1057	1063	rBV3	135640	215686	5.05%	0.422%
30	9.269	1063	1068	1074	rBV2	157446	241185	5.64%	0.472%
31	9.480	1100	1104	1108	rVV	150540	229774	5.37%	0.450%
32	9.528	1108	1112	1122	rVB5	184021	338289	7.91%	0.662%
33	9.633	1123	1130	1134	rVB4	74398	167151	3.91%	0.327%
34	9.763	1146	1152	1163	rBV7	117240	402666	9.42%	0.788%

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Integration Parameters: LSCINT.P

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35	9.945	1177	1183	1188	rBV8	78045	148400	3.47%	0.290%
36	10.057	1196	1202	1210	rBV3	77304	210360	4.92%	0.412%
37	10.216	1224	1229	1232	rBV5	70324	129924	3.04%	0.254%
38	10.351	1241	1252	1258	rBV	1292845	2501469	58.51%	4.896%
39	10.469	1267	1272	1275	rBV3	90253	133315	3.12%	0.261%
40	10.516	1275	1280	1285	rVB	373770	533601	12.48%	1.044%
41	10.575	1286	1290	1297	rVB4	90399	153094	3.58%	0.300%
42	10.633	1297	1300	1308	rVB6	71201	147119	3.44%	0.288%
43	10.745	1308	1319	1323	rBV9	62680	199241	4.66%	0.390%
44	11.045	1367	1370	1374	rVB	136497	200147	4.68%	0.392%
45	11.186	1389	1394	1401	rVB5	74073	139760	3.27%	0.274%
46	11.269	1402	1408	1414	rVB6	110968	255482	5.98%	0.500%
47	11.374	1420	1426	1436	rBV	552304	1020287	23.87%	1.997%
48	11.527	1446	1452	1458	rBV7	50719	128012	2.99%	0.251%
49	11.627	1463	1469	1475	rBV7	90121	178553	4.18%	0.349%
50	11.786	1487	1496	1505	rBV8	155407	506494	11.85%	0.991%
51	12.004	1528	1533	1542	rVB4	137394	360846	8.44%	0.706%
52	12.245	1568	1574	1577	rBV6	62645	147422	3.45%	0.289%
53	12.486	1611	1615	1622	rVB3	144046	267429	6.26%	0.523%
54	12.757	1656	1661	1666	rVV	511558	760676	17.79%	1.489%
55	13.051	1708	1711	1718	rVB3	133402	299916	7.02%	0.587%
56	13.139	1723	1726	1735	rVB7	79845	169667	3.97%	0.332%
57	13.392	1765	1769	1781	rVB5	68619	182293	4.26%	0.357%
58	13.551	1791	1796	1801	rBV	133839	239396	5.60%	0.469%
59	13.604	1801	1805	1807	rVV2	95375	133036	3.11%	0.260%
60	13.633	1807	1810	1815	rVB3	133838	191902	4.49%	0.376%
61	13.716	1816	1824	1828	rBV2	644975	937891	21.94%	1.836%
62	14.139	1890	1896	1901	rBV	173958	282397	6.61%	0.553%
63	14.233	1901	1912	1919	rBV2	2050939	3331331	77.93%	6.520%
64	14.298	1919	1923	1927	rBV2	102713	150617	3.52%	0.295%
65	14.639	1977	1981	1986	rVB3	227385	334498	7.82%	0.655%
66	14.715	1990	1994	1998	rVB	102229	142142	3.33%	0.278%
67	14.762	1998	2002	2011	rVB3	206530	317109	7.42%	0.621%
68	14.863	2014	2019	2024	rBV2	108317	187223	4.38%	0.366%
69	15.098	2056	2059	2063	rVB	107197	126017	2.95%	0.247%
70	15.286	2086	2091	2096	rBV2	188165	357721	8.37%	0.700%
71	15.504	2123	2128	2134	rVB	523177	748802	17.52%	1.466%

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72	15.592	2140	2143	2150	rVB4	122559	243547	5.70%	0.477%
73	15.662	2151	2155	2159	rBV6	67455	125879	2.94%	0.246%
74	15.710	2159	2163	2167	rBV2	96540	162836	3.81%	0.319%
75	15.986	2202	2210	2215	rBV	833436	1477139	34.55%	2.891%
76	16.809	2345	2350	2359	rVB	363403	611877	14.31%	1.198%
77	16.986	2375	2380	2384	rBV2	2434667	3418964	79.98%	6.691%
78	17.027	2384	2387	2397	rVV	972206	1434782	33.56%	2.808%
79	17.127	2400	2404	2408	rVB	101864	141344	3.31%	0.277%
80	17.780	2511	2515	2522	rVV3	140022	218977	5.12%	0.429%
81	17.868	2526	2530	2534	rVV	137475	214711	5.02%	0.420%
82	17.915	2534	2538	2544	rVB	165495	256155	5.99%	0.501%
83	18.056	2557	2562	2566	rBV3	263735	414006	9.68%	0.810%
84	18.168	2577	2581	2590	rVB3	114635	220582	5.16%	0.432%
85	18.839	2691	2695	2701	rBV7	55039	129510	3.03%	0.253%
86	19.056	2726	2732	2738	rBV	1952405	2627898	61.47%	5.143%
87	19.115	2738	2742	2747	rVB2	254149	370204	8.66%	0.725%
88	19.203	2754	2757	2765	rVB5	109134	139439	3.26%	0.273%
89	19.421	2784	2794	2803	rBV2	1237943	2246834	52.56%	4.397%
90	19.774	2847	2854	2858	rVB4	152257	293753	6.87%	0.575%
91	19.915	2874	2878	2883	rVB2	437011	623254	14.58%	1.220%
92	20.027	2893	2897	2900	rBV	205657	265573	6.21%	0.520%
93	20.197	2922	2926	2932	rVB2	243111	285744	6.68%	0.559%
94	20.662	3002	3005	3011	rVB5	153183	197488	4.62%	0.387%
95	20.880	3039	3042	3045	rBV	143381	169418	3.96%	0.332%
96	20.915	3045	3048	3054	rVB2	165470	291774	6.83%	0.571%
97	21.192	3088	3095	3099	rBV2	2533347	4274931	100.00%	8.367%
98	21.227	3099	3101	3111	rVB	771902	947962	22.17%	1.855%
99	22.721	3352	3355	3360	rBV2	322626	534628	12.51%	1.046%
100	23.374	3460	3466	3474	rVB	1290903	2406215	56.29%	4.709%

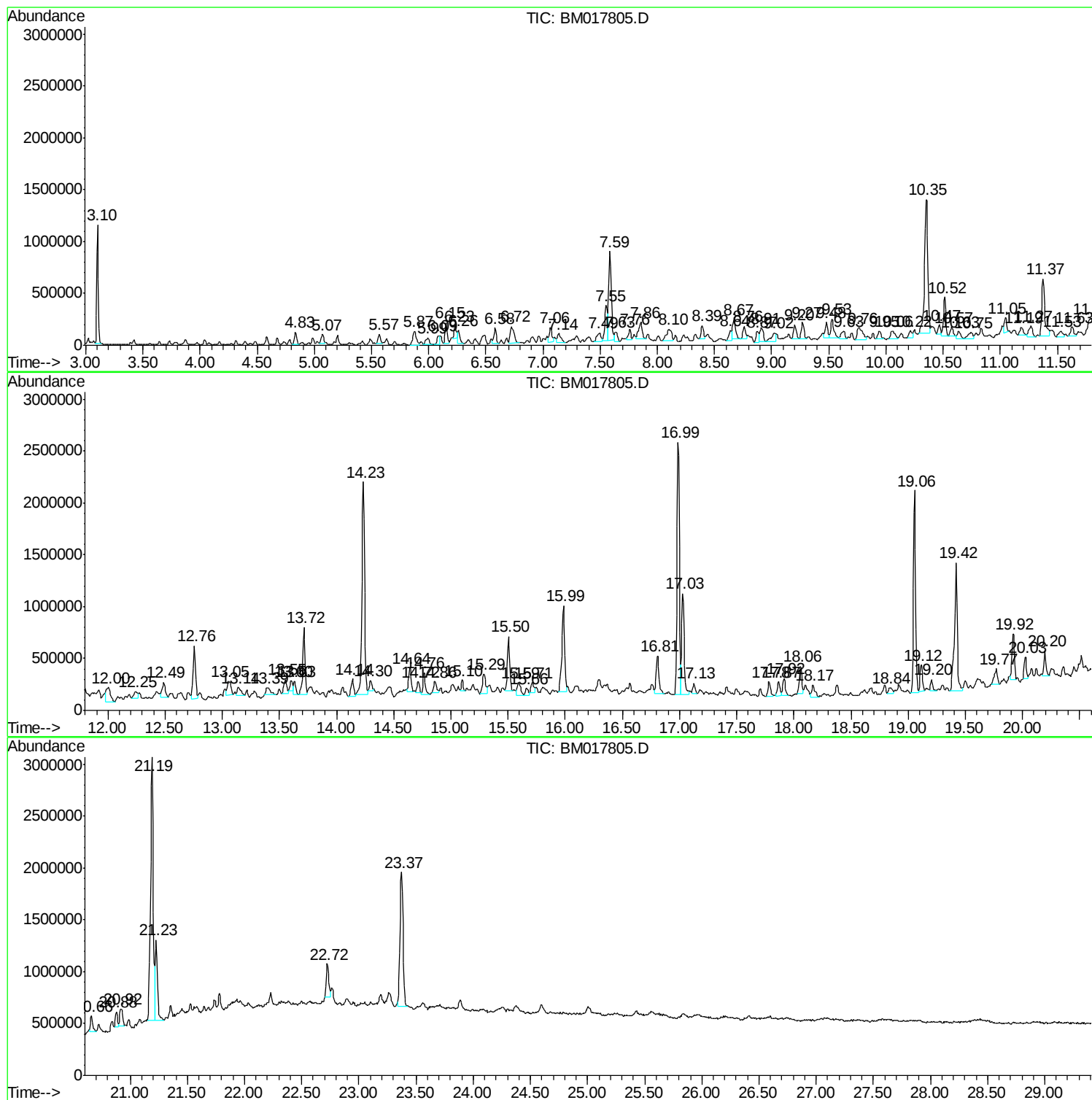
Sum of corrected areas: 51095040

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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



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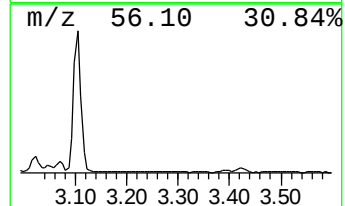
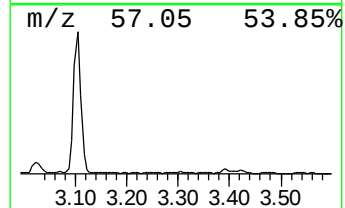
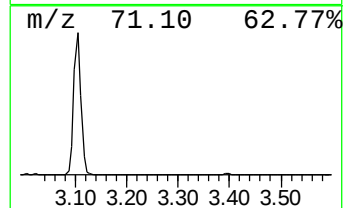
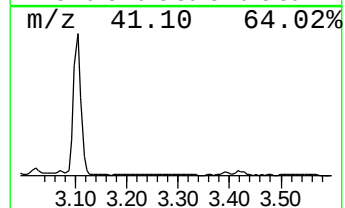
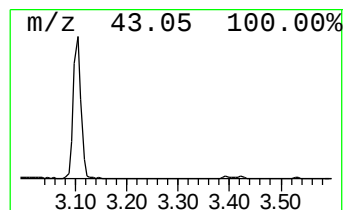
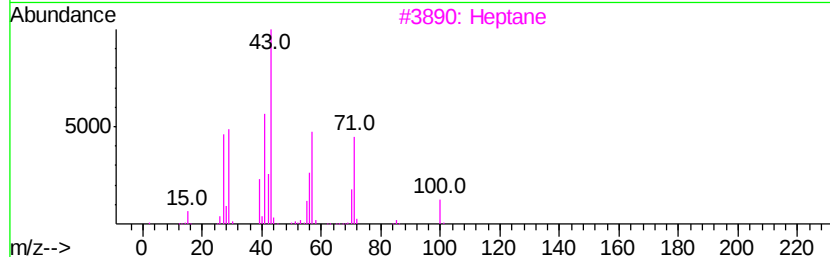
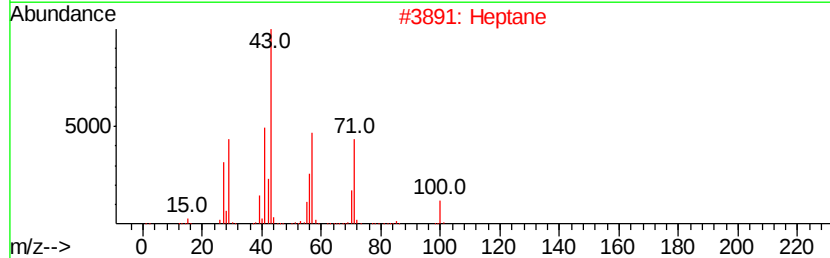
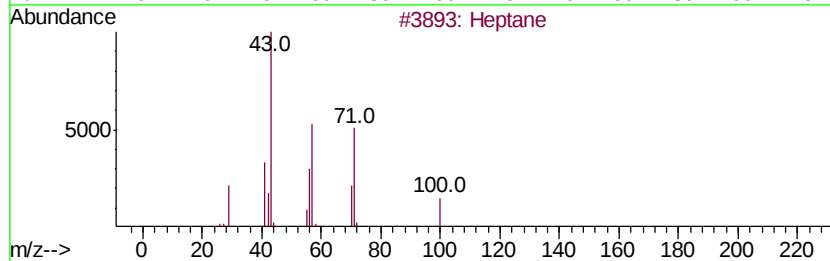
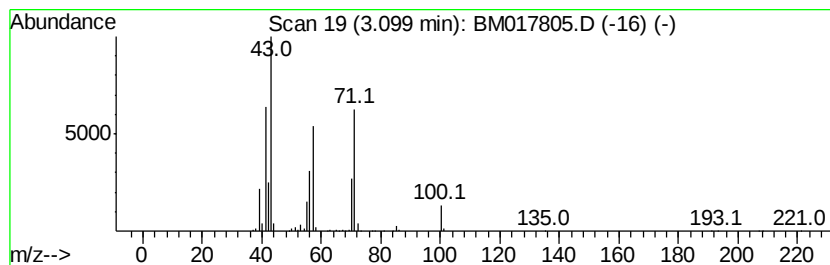
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	15.42 ng/ul	1104350	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	91
2		Heptane	100	C7H16	000142-82-5	91
3		Heptane	100	C7H16	000142-82-5	90
4		Heptane	100	C7H16	000142-82-5	87
5		Hexane, 3-methyl-	100	C7H16	000589-34-4	50



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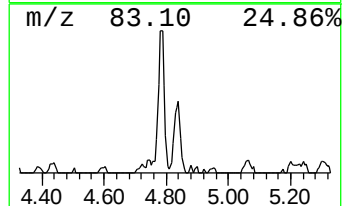
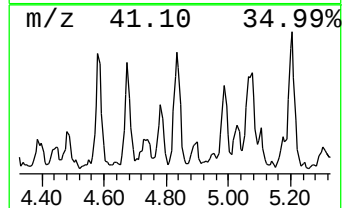
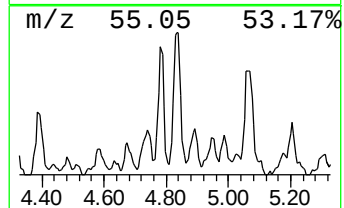
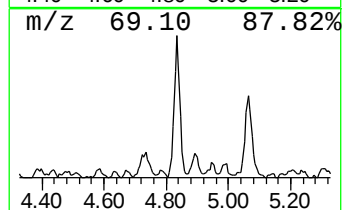
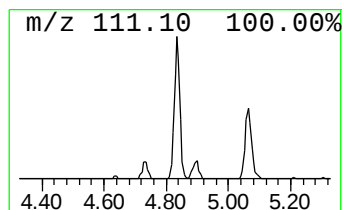
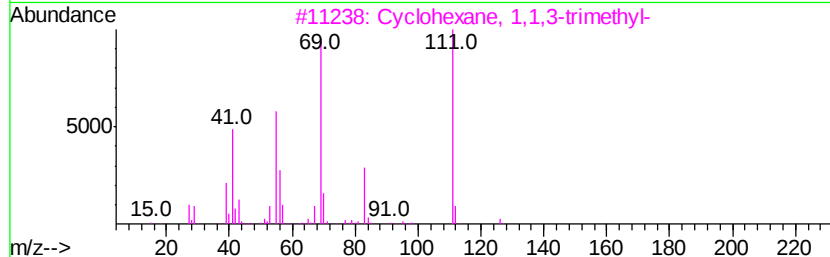
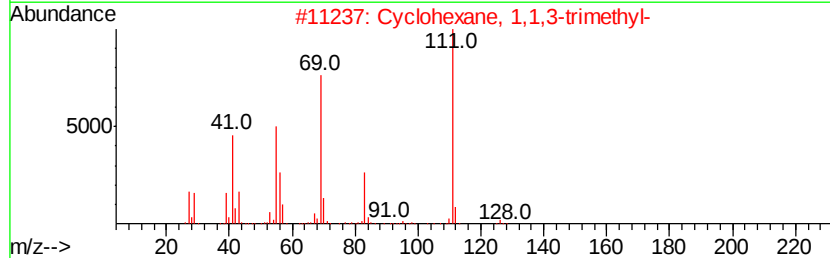
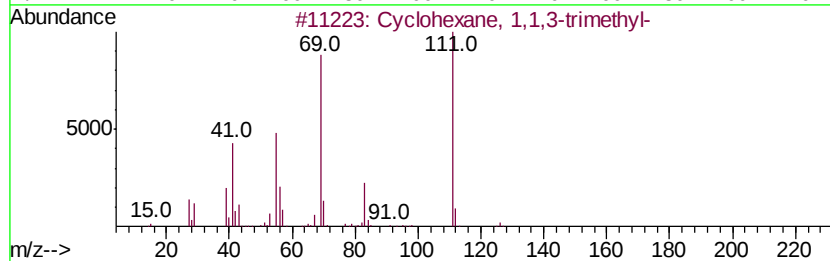
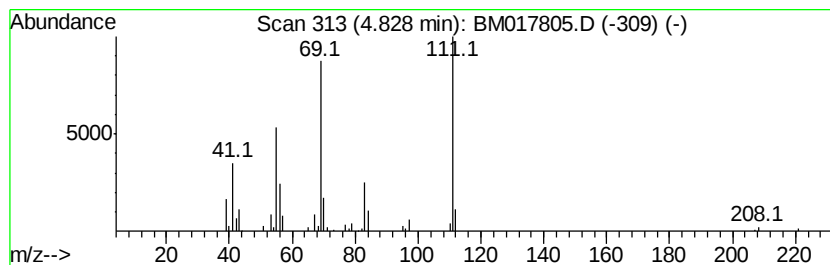
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic4.83 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	2.40 ng/ul	171672	1,4-Dichlorobenzene-d4	7.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	94
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	94
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	81
4			Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	72
5			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64



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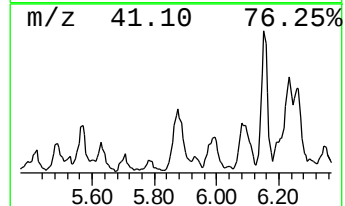
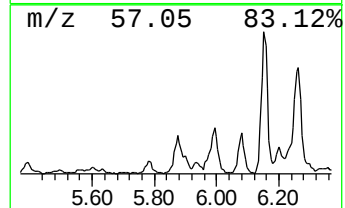
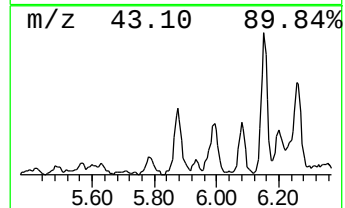
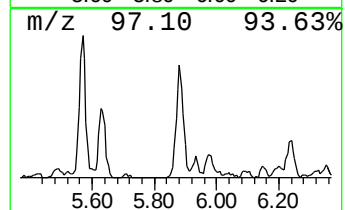
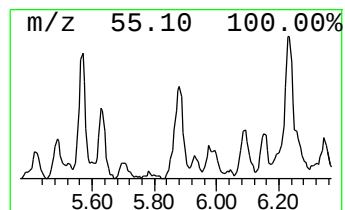
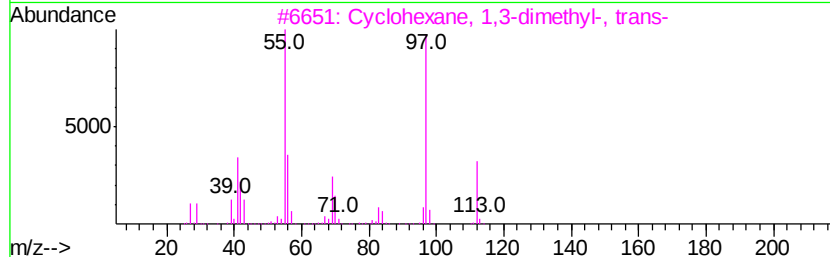
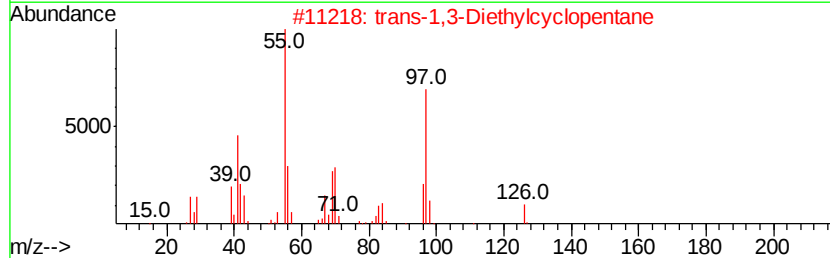
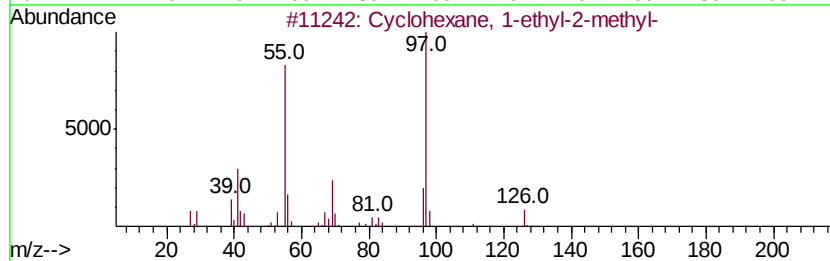
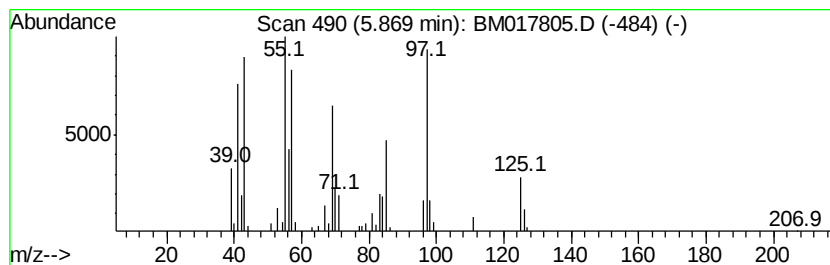
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic5.87 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.87	4.11 ng/ul	294104	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	60
2		trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	60
3		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	50
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	46
5		3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	46



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Acq On : 29 Nov 2018 20:46
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Sample : J6038-13
Misc :
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Instrument :
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ClientSampleId :
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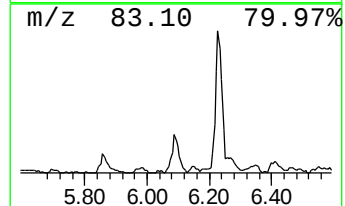
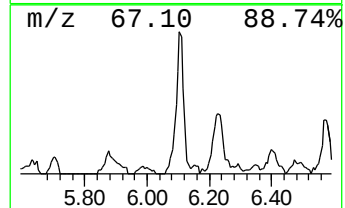
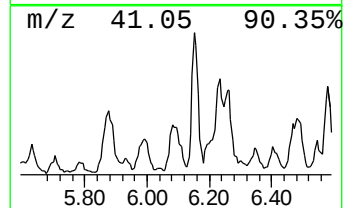
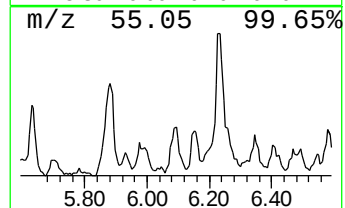
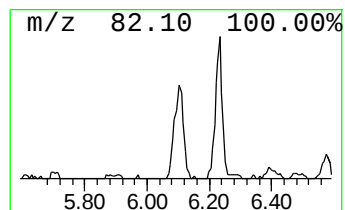
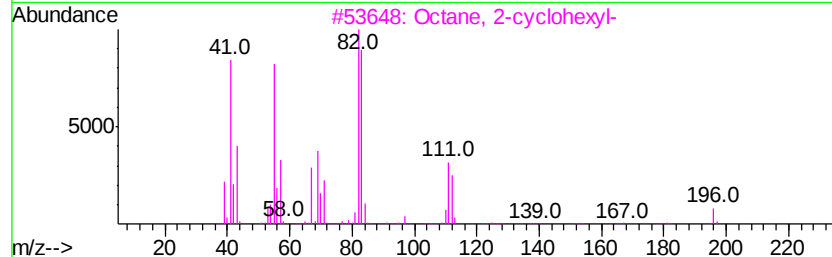
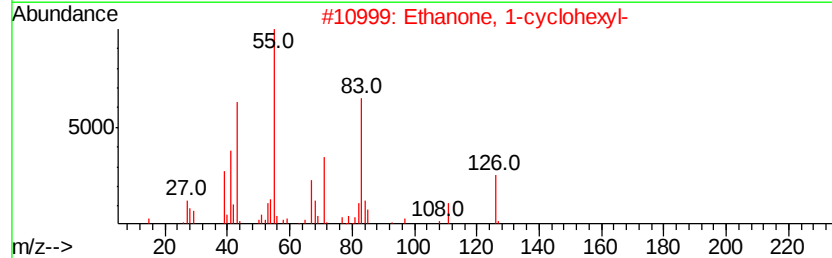
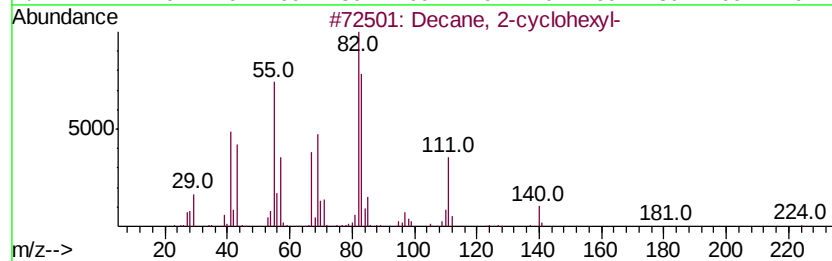
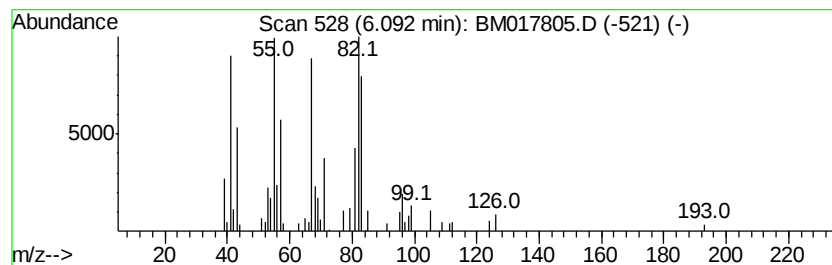
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.09	2.05 ng/ul	147040	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-cvclohexvl-	224	C16H32	013151-73-0	53
2		Ethanone, 1-cvclohexvl-	126	C8H14O	000823-76-7	49
3		Octane, 2-cvclohexvl-	196	C14H28	002883-05-8	47
4		Cvclohexane, (1-methylethvl)-	126	C9H18	000696-29-7	43
5		Phosphorous acid, tris(2-ethylhe...	418	C24H51O3P	000301-13-3	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
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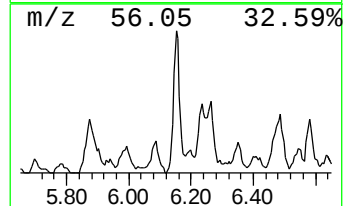
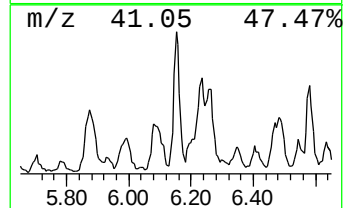
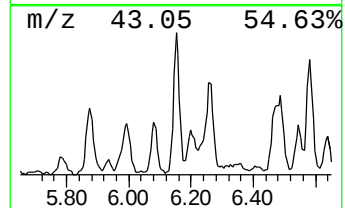
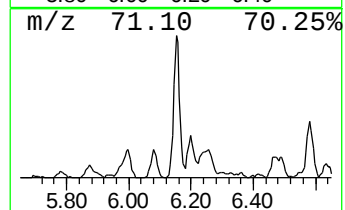
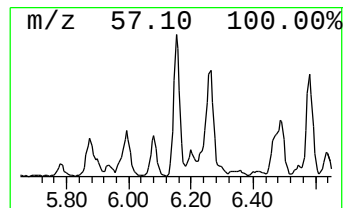
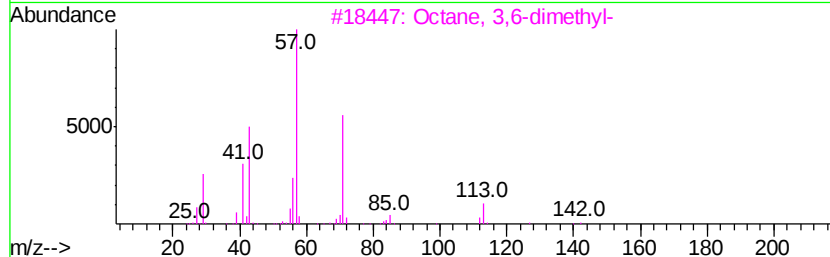
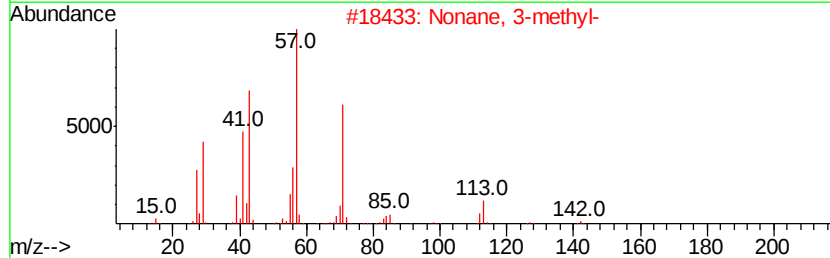
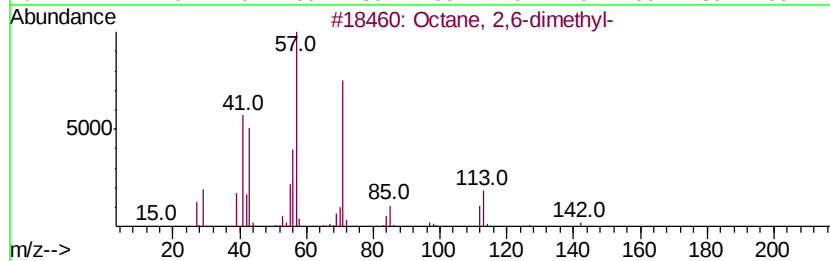
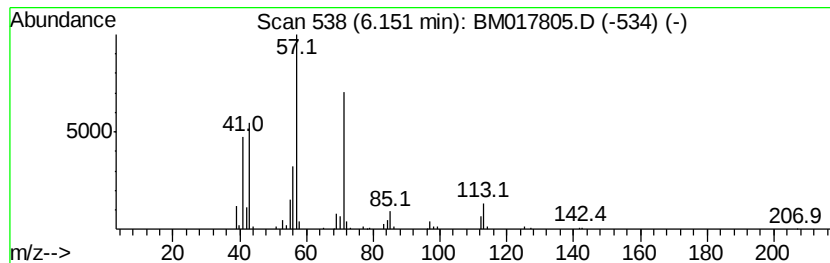
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	3.86 ng/ul	276615	1,4-Dichlorobenzene-d4	7.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	94
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	90
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	90
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017805.D
Acq On : 29 Nov 2018 20:46
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Sample : J6038-13
Misc :
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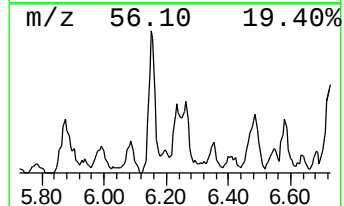
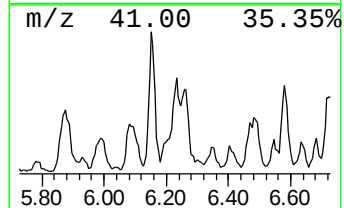
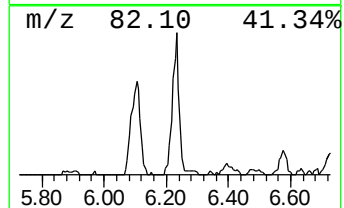
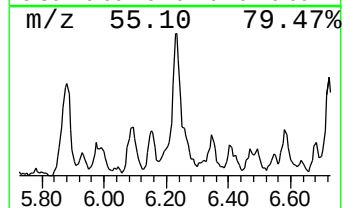
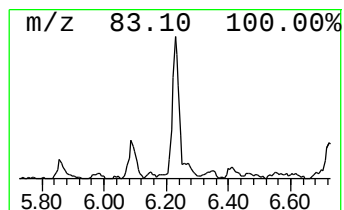
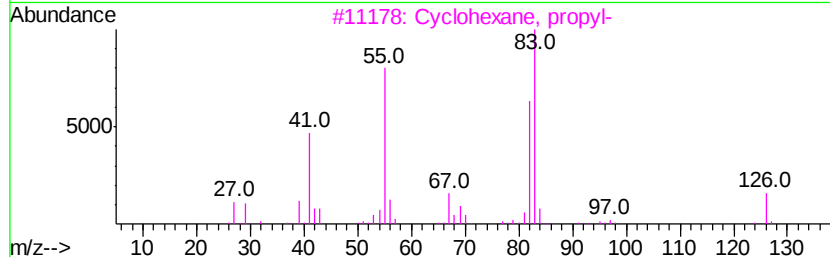
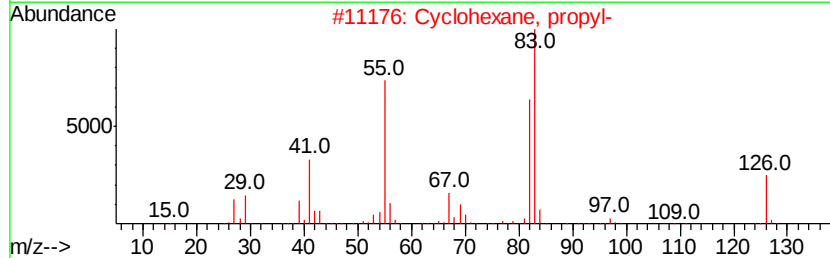
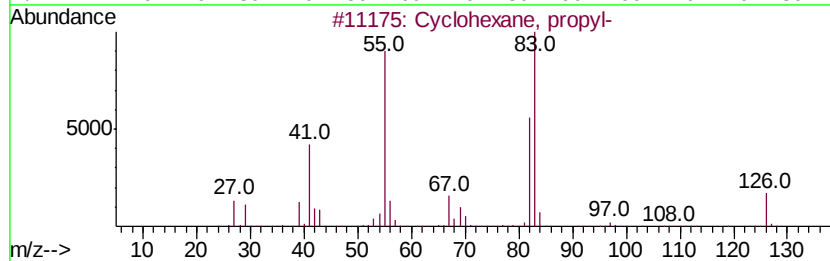
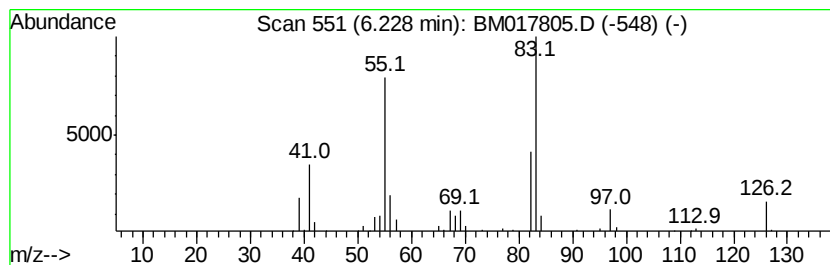
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic6.23 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	2.47 ng/ul	176864	1,4-Dichlorobenzene-d4	7.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	72
2			Cyclohexane, propyl-	126	C9H18	001678-92-8	72
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	72
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	68
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017805.D
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Misc :
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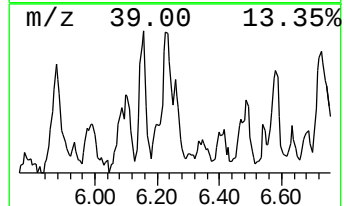
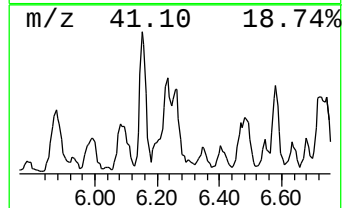
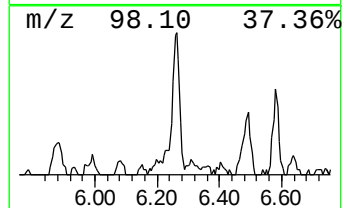
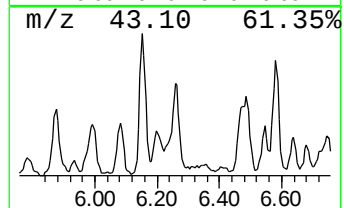
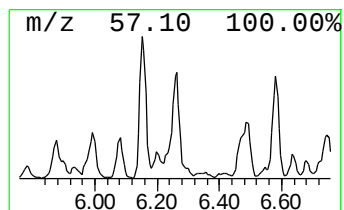
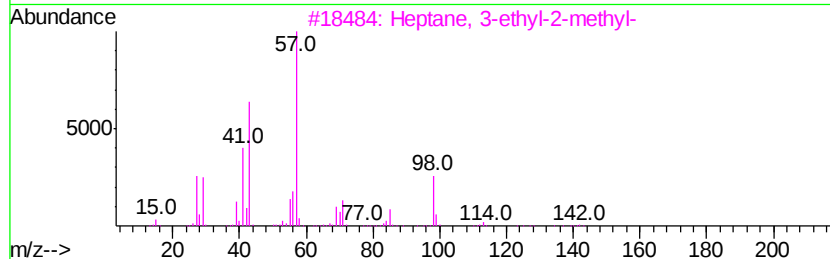
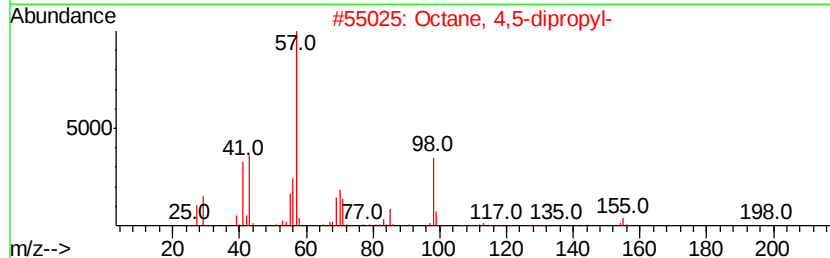
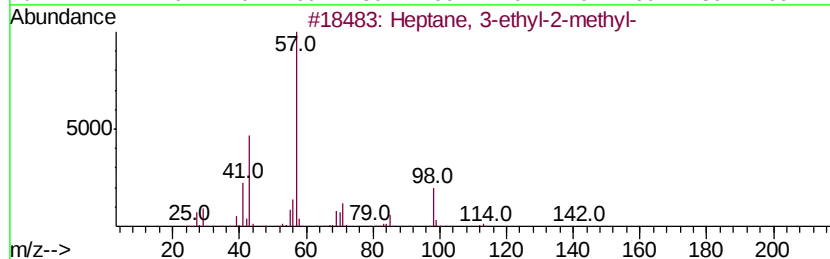
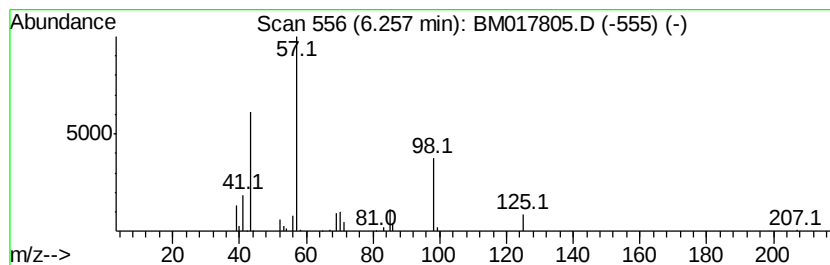
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	2.02 ng/ul	144751	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
2		Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	72
3		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
4		Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	59
5		Heptane, 4-propyl-	142	C10H22	003178-29-8	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017805.D
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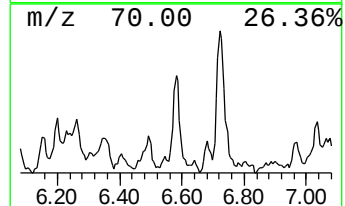
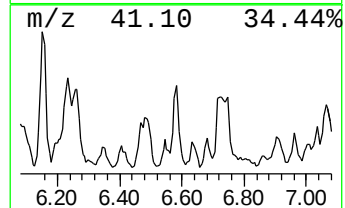
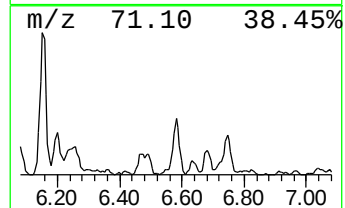
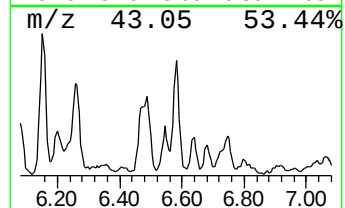
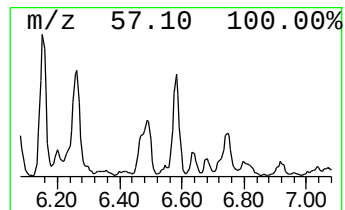
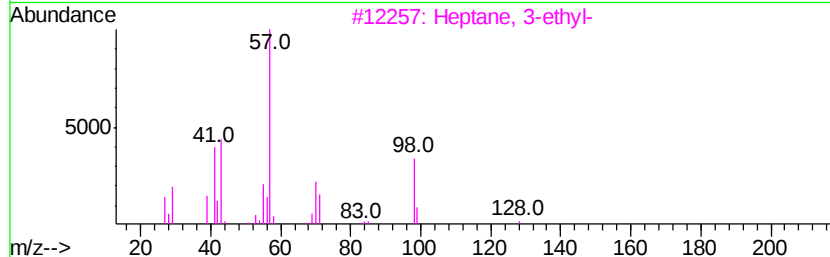
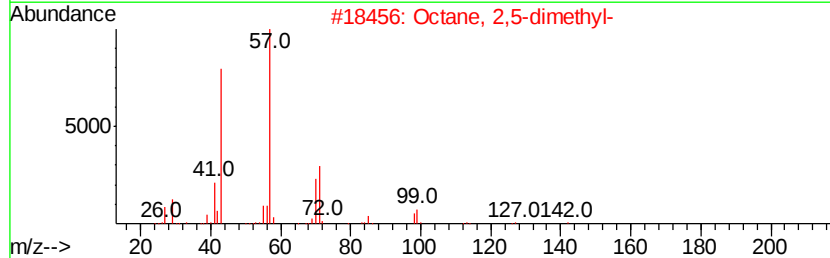
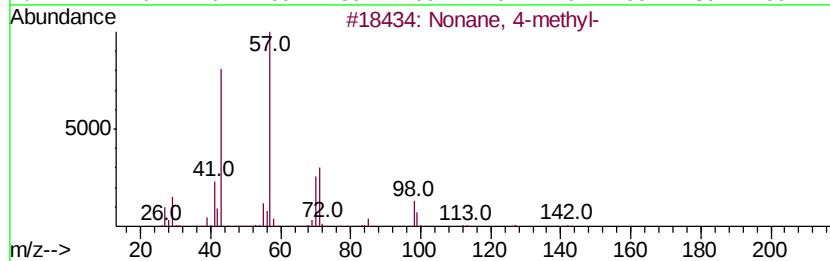
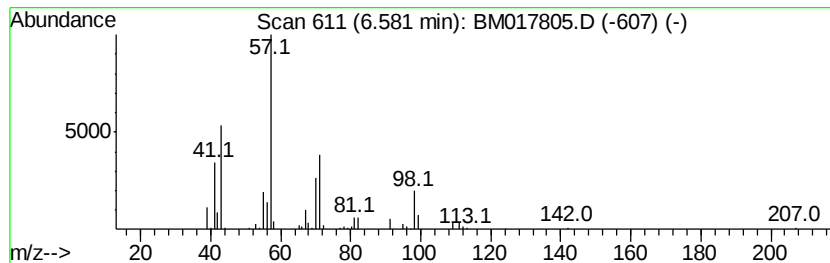
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	3.11 ng/ul	222825	1,4-Dichlorobenzene-d4	7.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4-methyl-	142	C10H22	017301-94-9	72
2			Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	59
3			Heptane, 3-ethyl-	128	C9H20	015869-80-4	50
4			Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	50
5			Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
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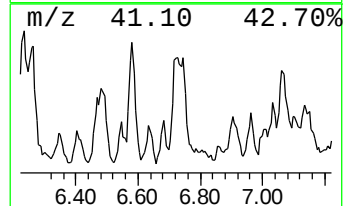
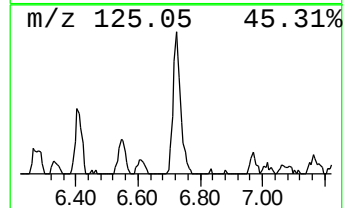
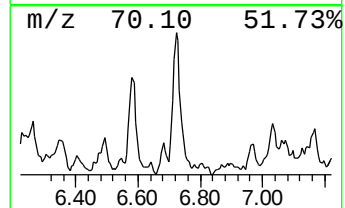
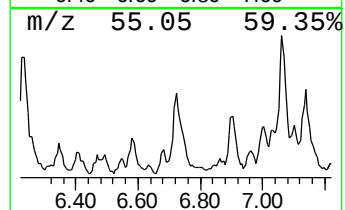
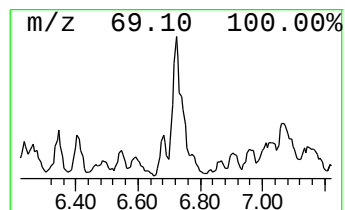
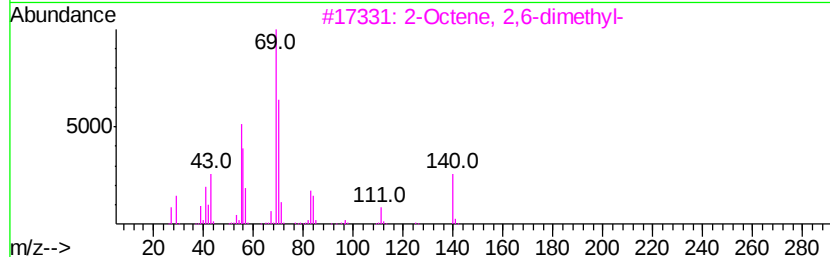
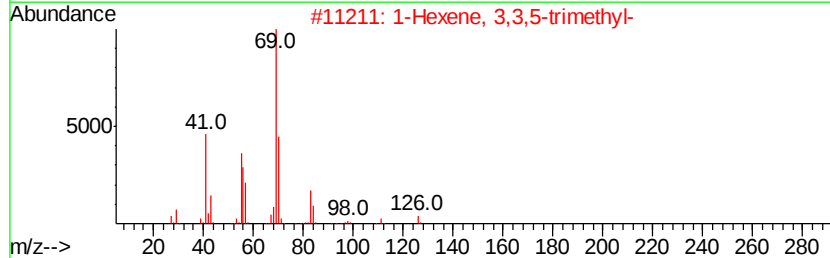
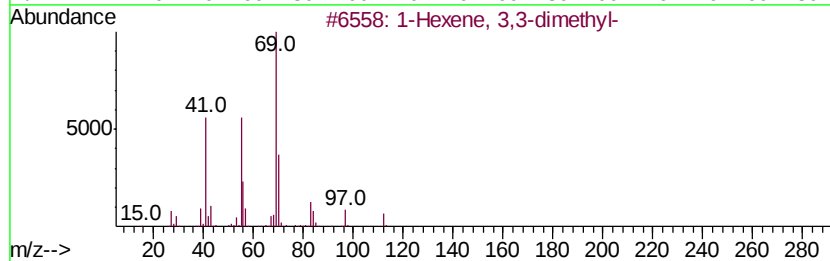
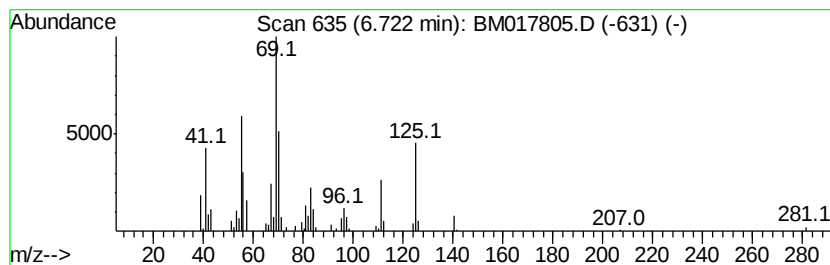
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Cyclic6.72 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	5.14 ng/ul	368185	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	60
2		1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	58
3		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	53
4		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	49
5		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	49



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ClientSampleId :
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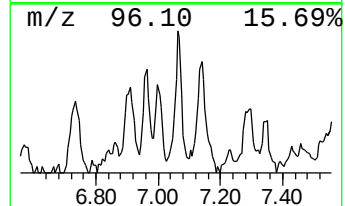
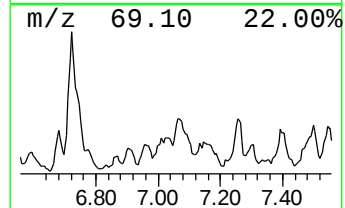
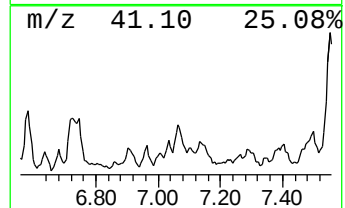
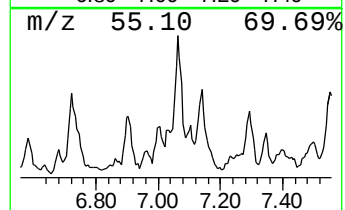
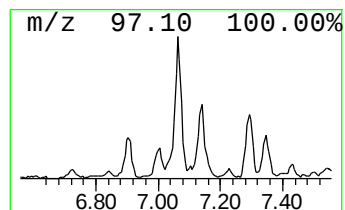
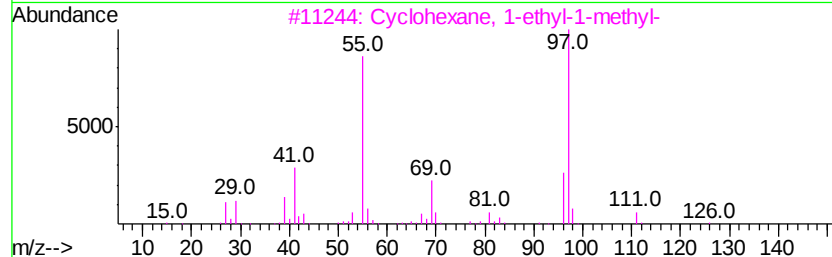
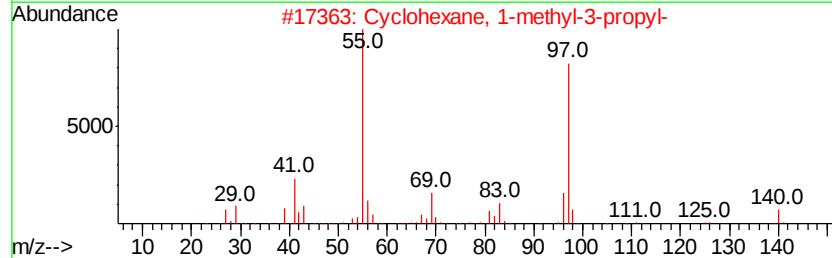
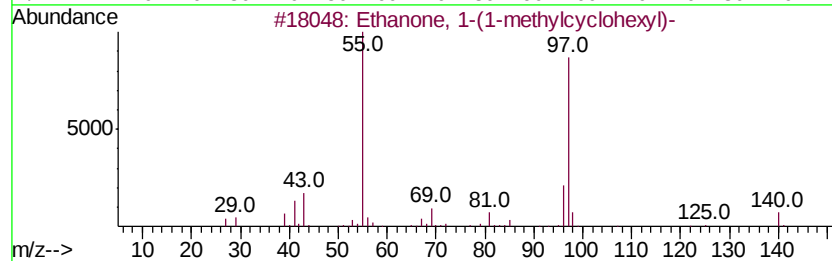
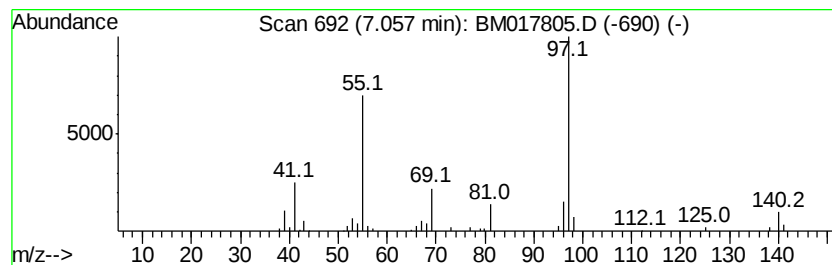
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Ethanone, 1-(1-methylcyclohexyl) Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	3.34 ng/ul	239517	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	80
2		Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	72
3		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	72
4		Methoxyacetic acid, 1-cyclopentyl...	186	C10H18O3	1000282-69-5	64
5		Cyclohexane, 1-methyl-3-(1-methyl...	140	C10H20	016580-24-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017805.D
Acq On : 29 Nov 2018 20:46
Operator : JU/SJ
Sample : J6038-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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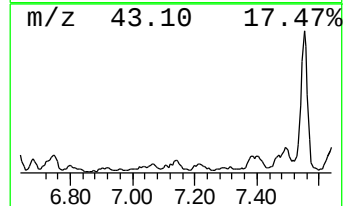
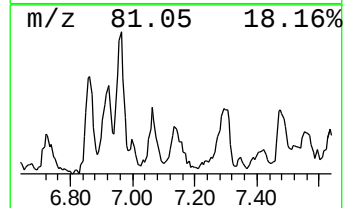
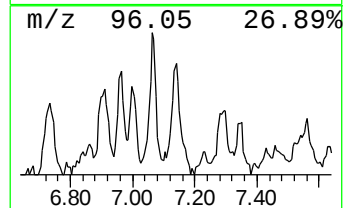
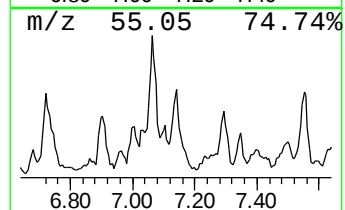
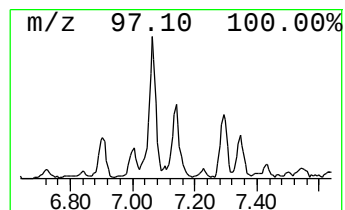
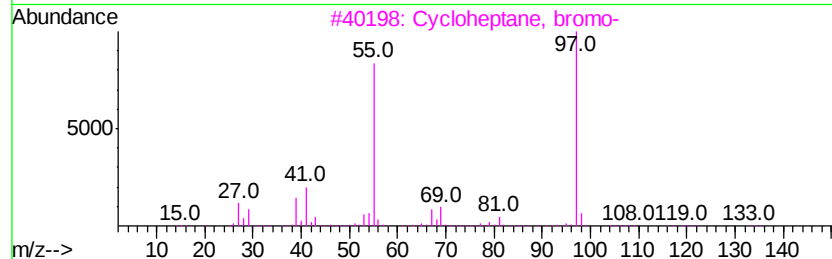
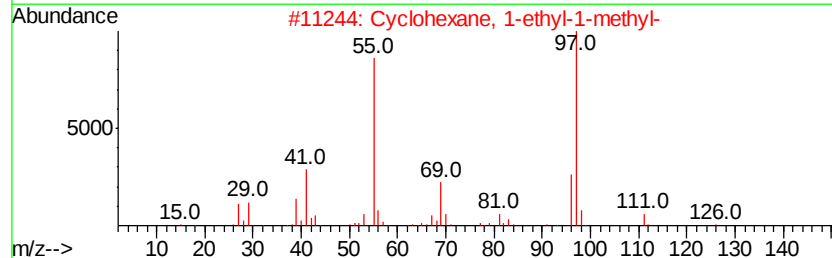
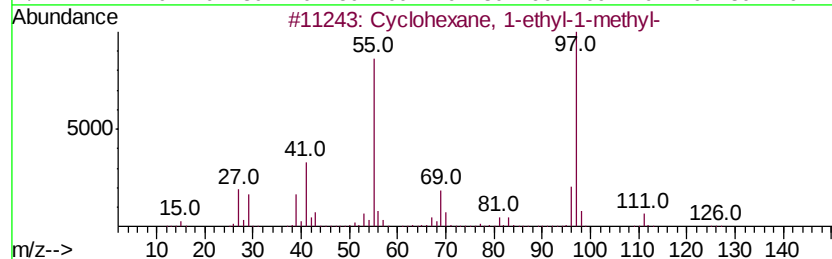
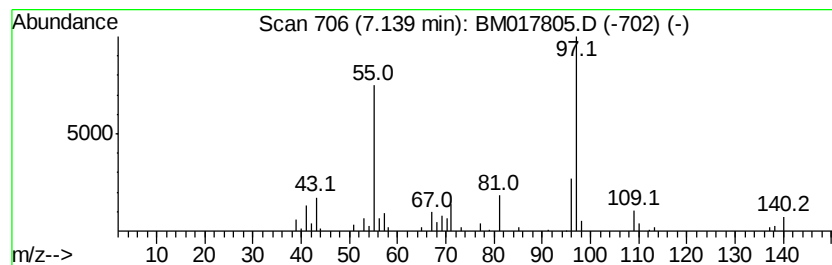
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Cyclic7.14 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	2.49 ng/ul	178036	1,4-Dichlorobenzene-d4	7.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	59
2			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	59
3			Cycloheptane, bromo-	176	C7H13Br	002404-35-5	50
4			Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	50
5			Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	50



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Data File : BM017805.D
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ClientSampleId :
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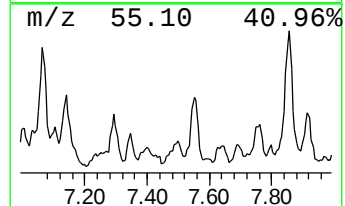
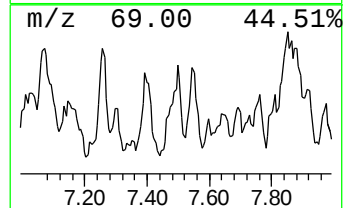
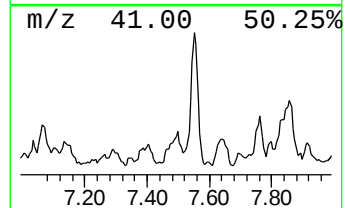
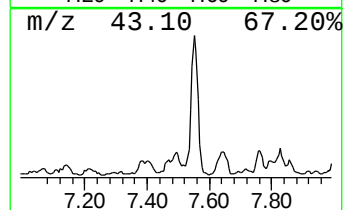
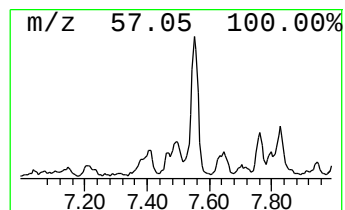
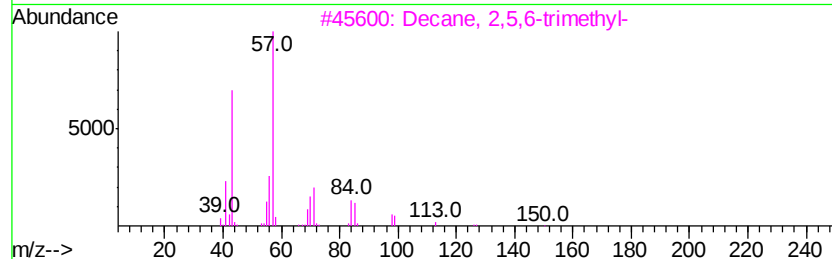
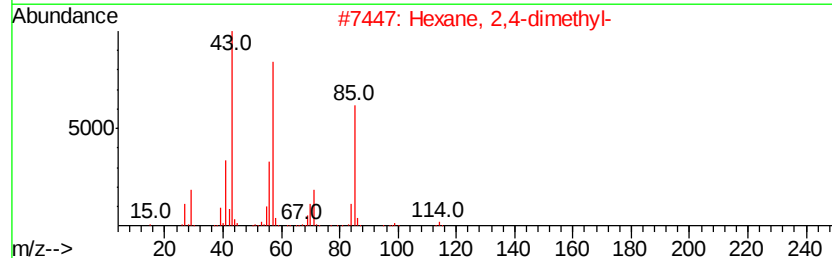
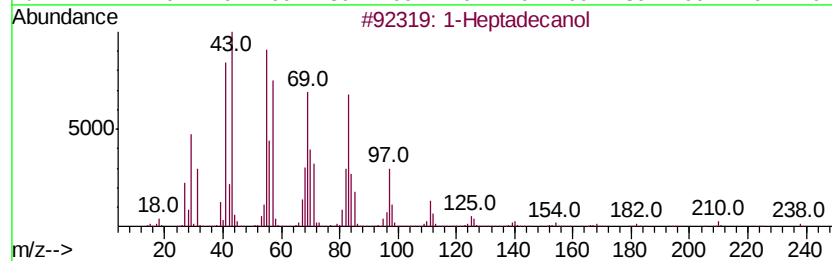
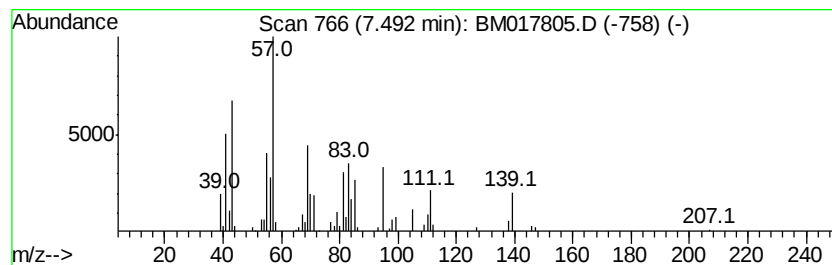
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	3.10 ng/ul	222080	1,4-Dichlorobenzene-d4	7.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heptadecanol	256	C17H36O	001454-85-9	43
2			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38
3			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	38
4			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38
5			1-Undecene, 7-methyl-	168	C12H24	074630-42-5	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017805.D
Acq On : 29 Nov 2018 20:46
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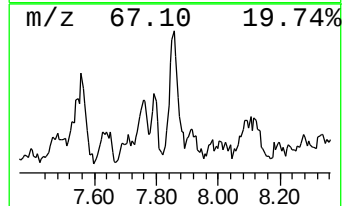
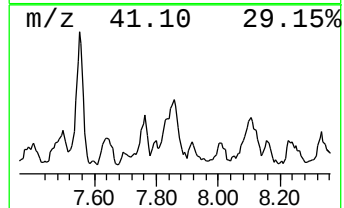
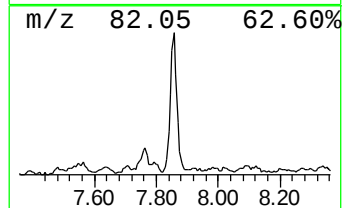
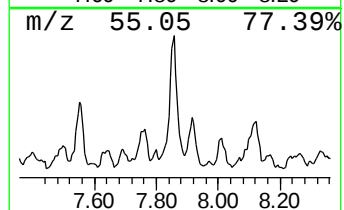
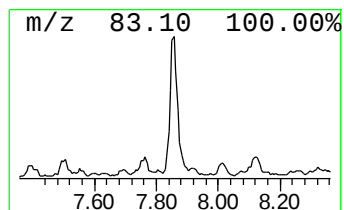
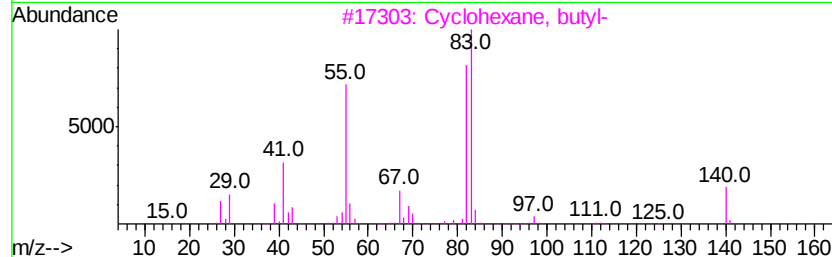
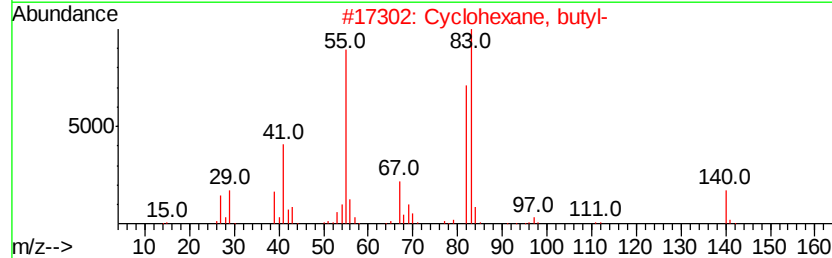
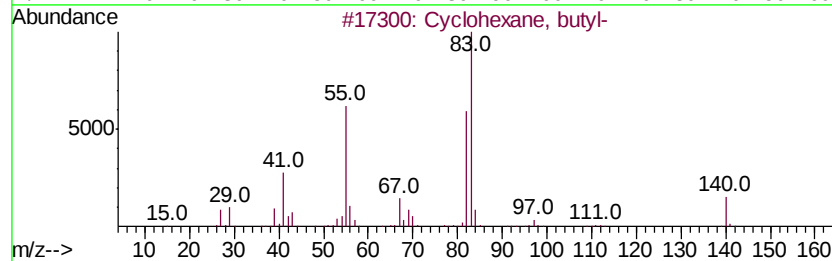
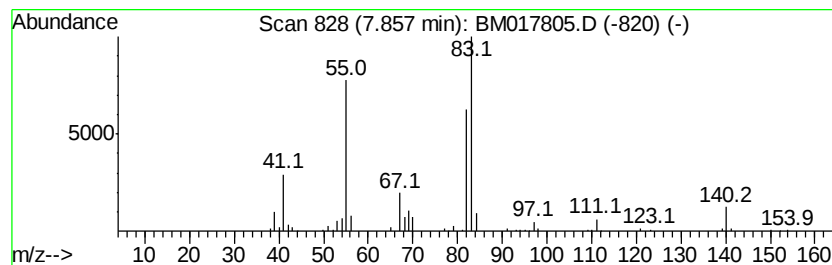
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Cyclic7.86 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	5.04 ng/ul	360830	1,4-Dichlorobenzene-d4	7.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	91
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	91
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	90
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	87



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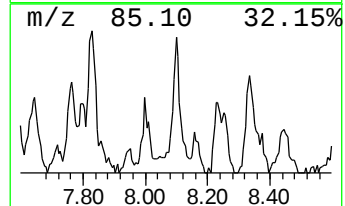
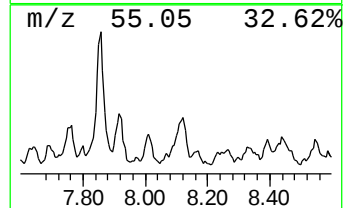
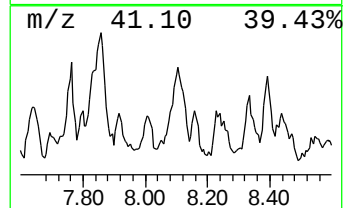
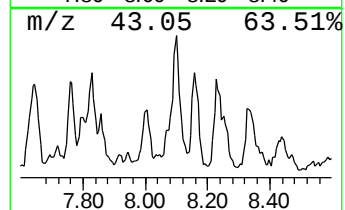
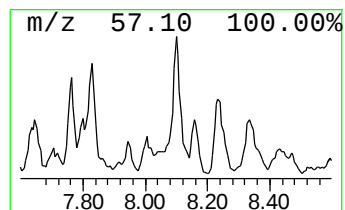
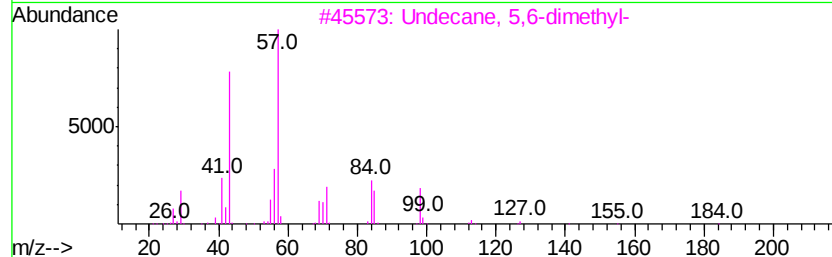
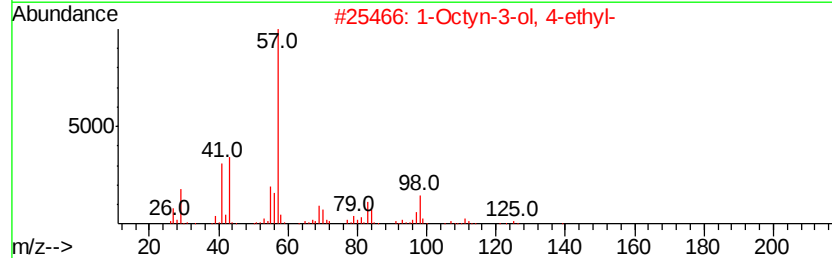
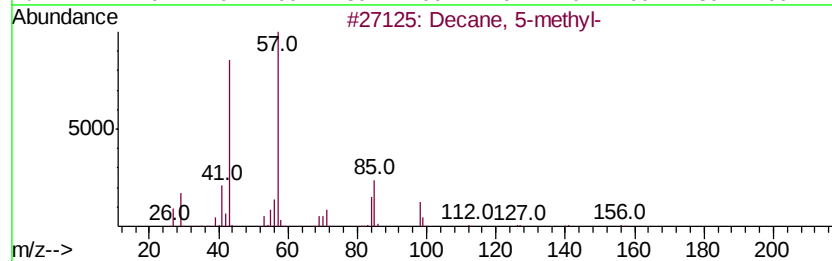
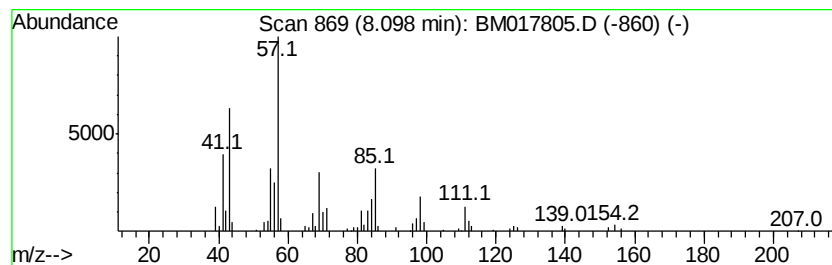
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	4.93 ng/ul	352966	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-methyl-	156	C11H24	013151-35-4	53
2		1-Octyn-3-ol, 4-ethyl-	154	C10H18O	005877-42-9	47
3		Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	47
4		Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	43
5		Heptane, 4-ethyl-	128	C9H20	002216-32-2	43



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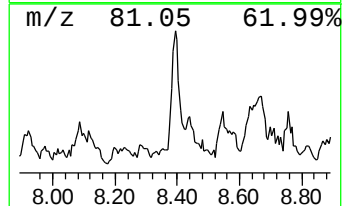
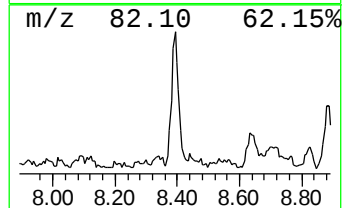
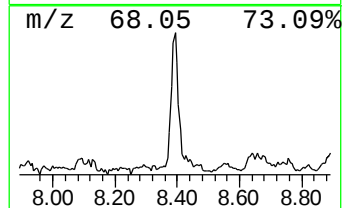
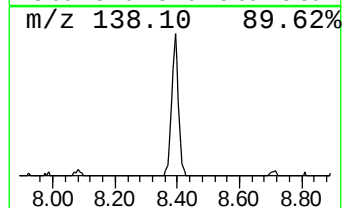
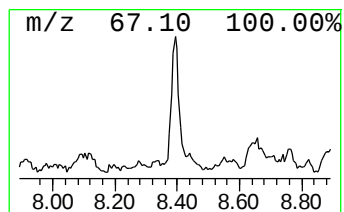
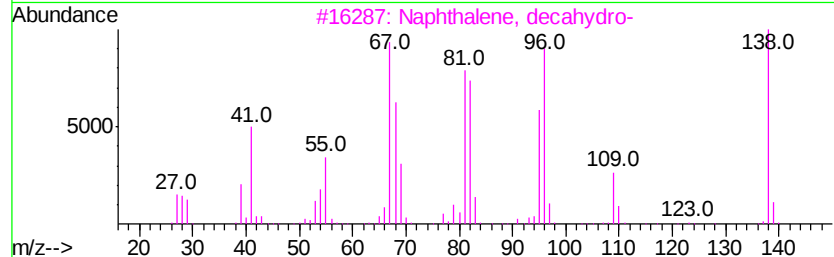
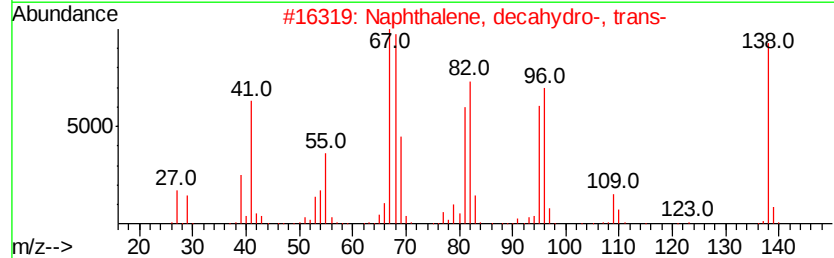
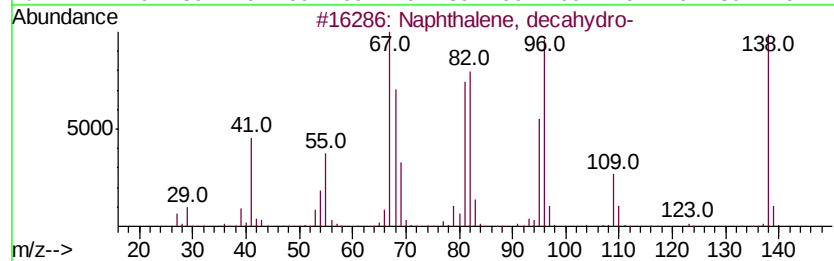
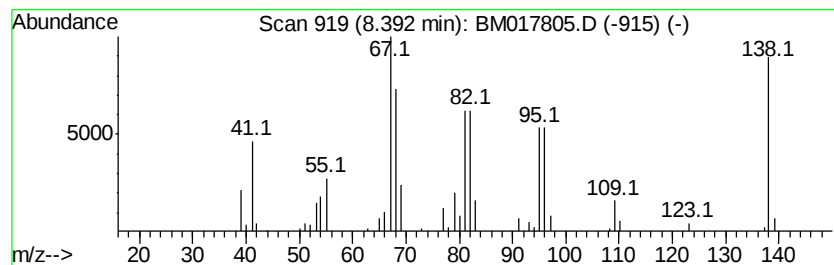
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Naphthalene, decahydro- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	2.73 ng/ul	195317	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-	138	C10H18	000091-17-8	95
2		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
3		Naphthalene, decahydro-	138	C10H18	000091-17-8	87
4		Naphthalene, decahydro-	138	C10H18	000091-17-8	87
5		5H-Inden-5-one, octahydro-, trans-	138	C9H14O	004668-81-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
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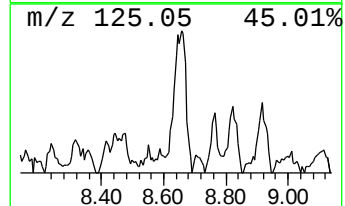
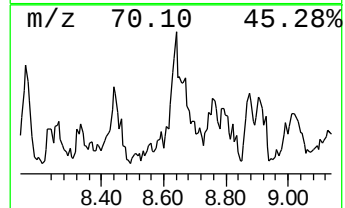
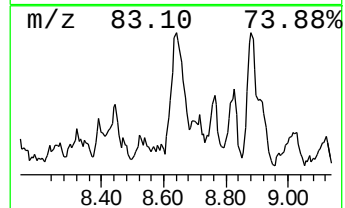
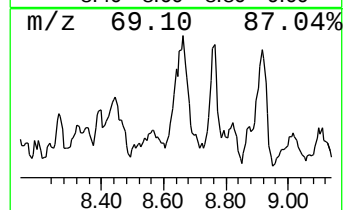
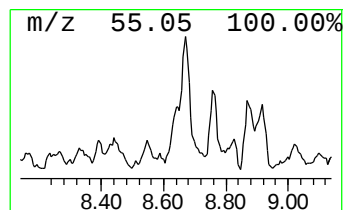
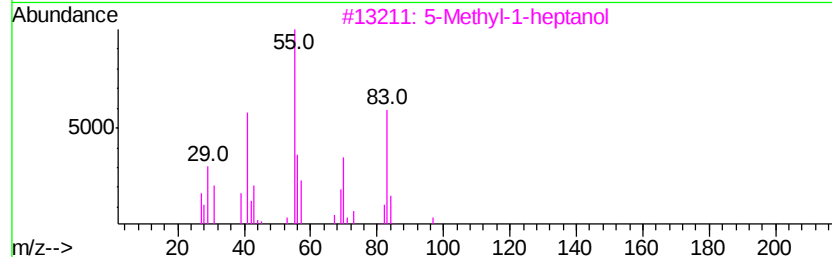
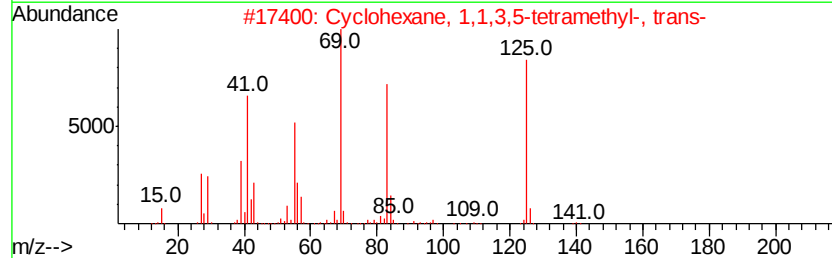
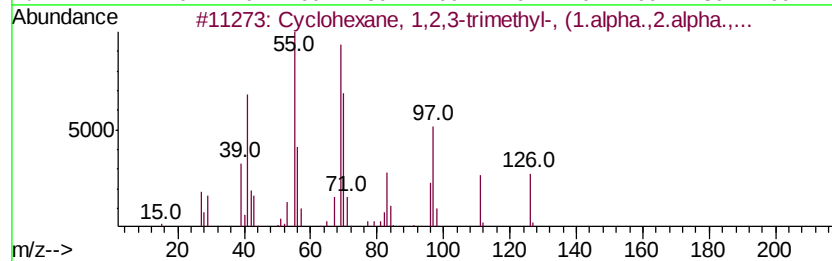
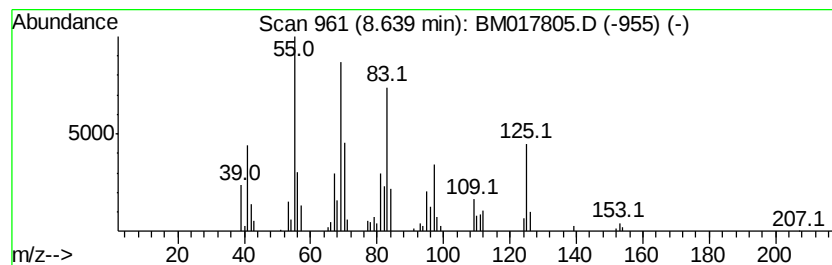
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Cyclic8.64 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	2.43 ng/ul	173714	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	50
2		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	50
3		5-Methyl-1-heptanol	130	C8H18O	007212-53-5	35
4		2,4-Pentadien-1-ol, 3-propyl-, (...	126	C8H14O	1000142-17-9	30
5		Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017805.D
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ALS Vial : 15 Sample Multiplier: 1

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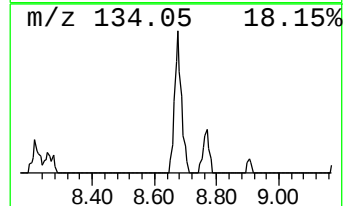
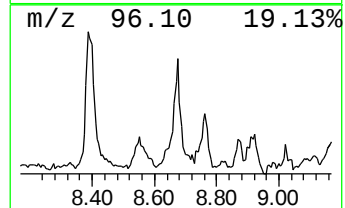
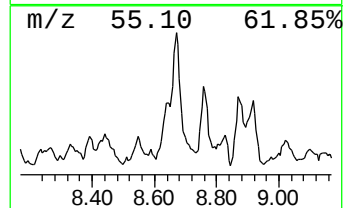
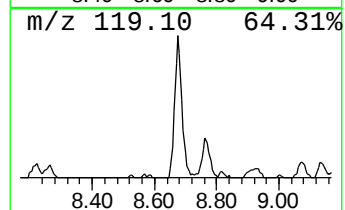
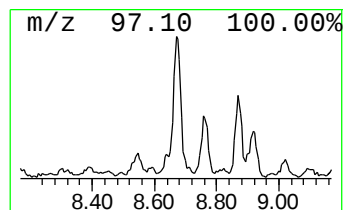
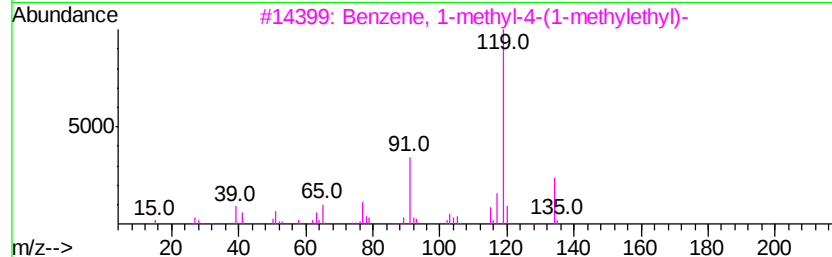
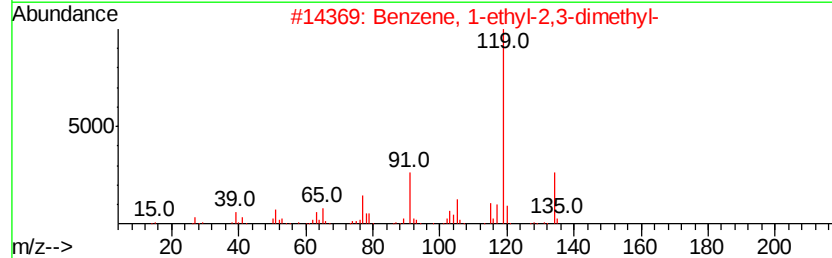
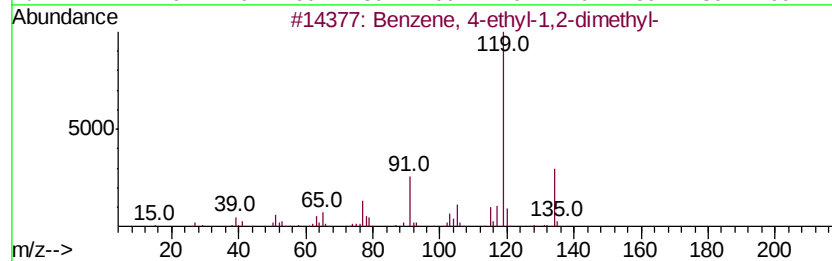
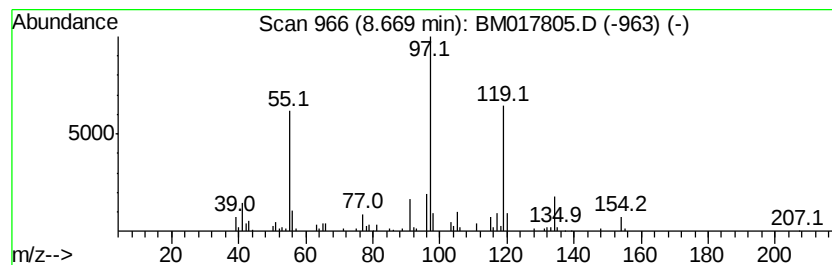
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	4.67 ng/ul	334675	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70
3		Benzene, 1-methyl-4-(1-methylethyl)-	134	C10H14	000099-87-6	55
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	55
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017805.D
Acq On : 29 Nov 2018 20:46
Operator : JU/SJ
Sample : J6038-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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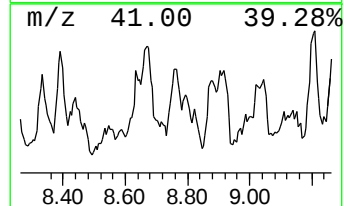
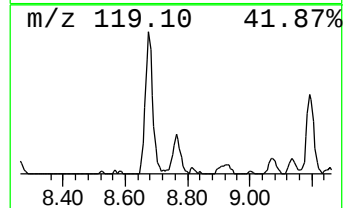
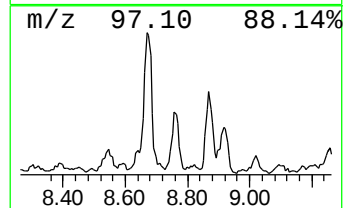
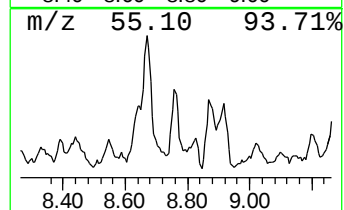
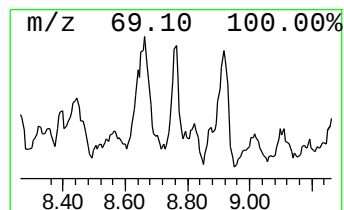
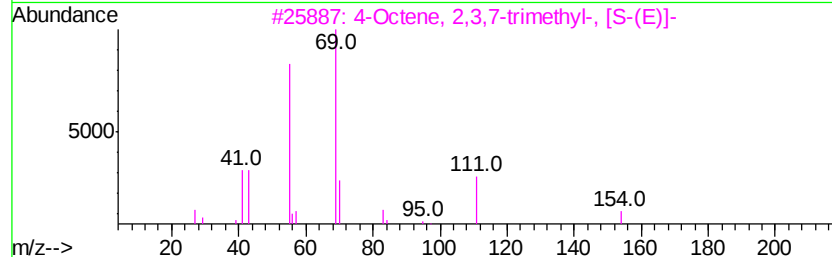
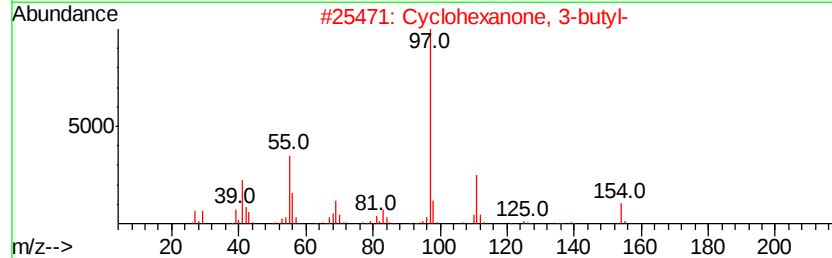
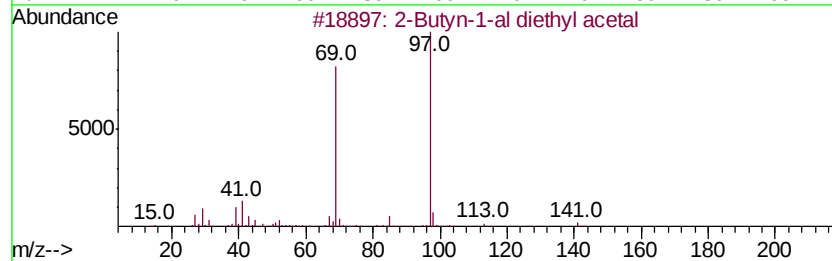
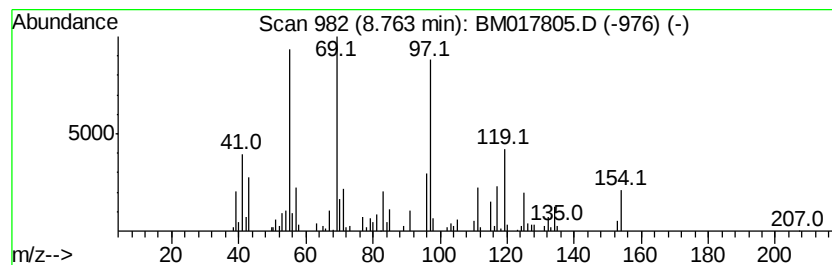
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 unknown-02 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	2.79 ng/ul	200142	1,4-Dichlorobenzene-d4	7.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butyn-1-ol diethyl acetal	142	C8H14O2	002806-97-5	38		
2	Cyclohexanone, 3-butyl-	154	C10H18O	039178-69-3	30		
3	4-Octene, 2,3,7-trimethyl-, [S-(...]	154	C11H22	052763-13-0	25		
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	22		
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	22		



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017805.D
Acq On : 29 Nov 2018 20:46
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Sample : J6038-13
Misc :
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ClientSampleId :
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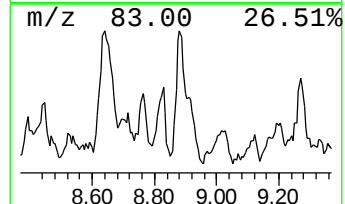
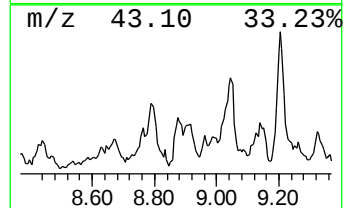
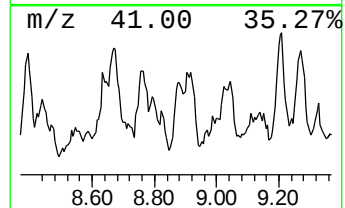
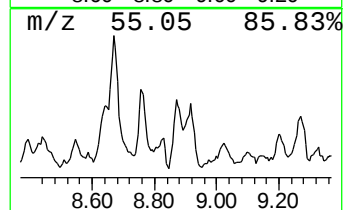
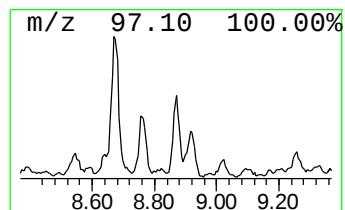
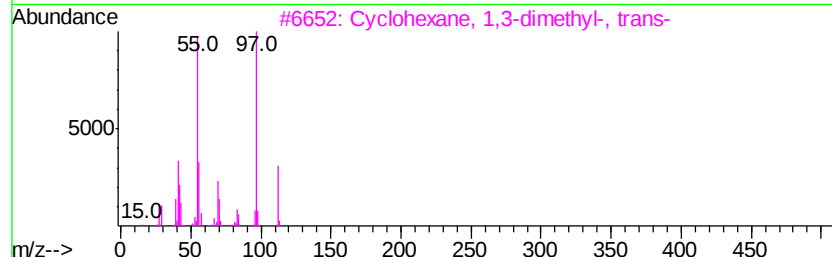
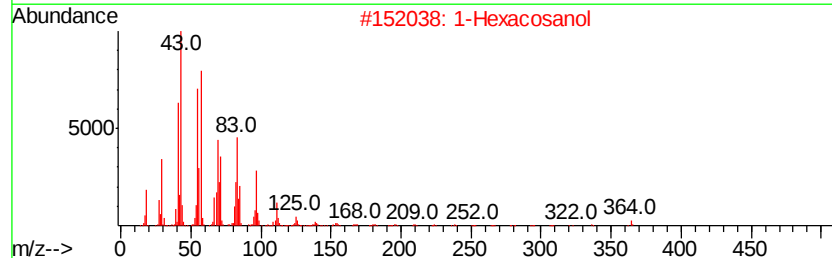
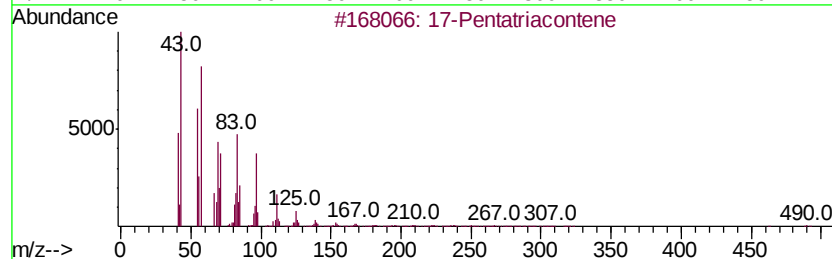
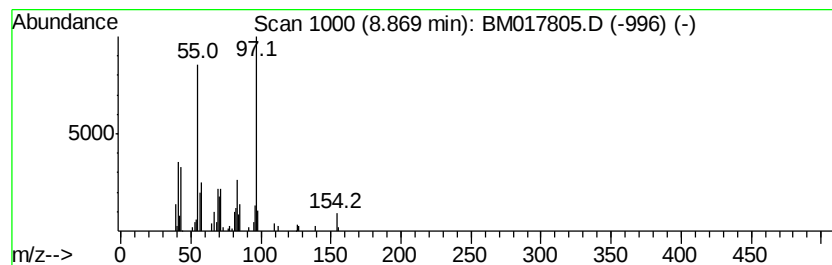
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 (DEL) Alkane: Cyclic8.87 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	2.76 ng/ul	197413	1,4-Dichlorobenzene-d4	7.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			17-Pentatriacontene	491	C35H70	006971-40-0	58
2			1-Hexacosanol	382	C26H54O	000506-52-5	53
3			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	38
4			4H-1,2,4-Triazole, 4-ethyl-	97	C4H7N3	043183-55-7	35
5			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017805.D
Acq On : 29 Nov 2018 20:46
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Sample : J6038-13
Misc :
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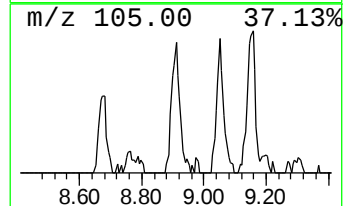
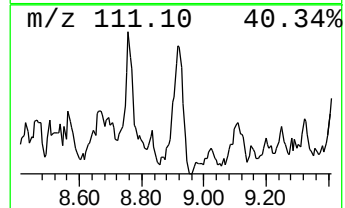
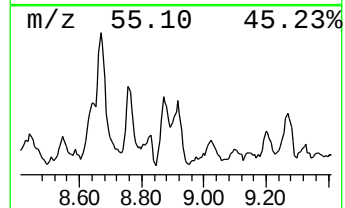
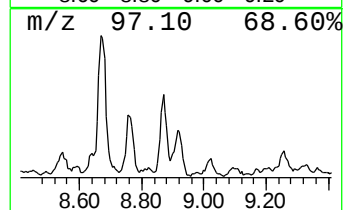
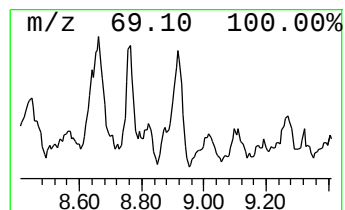
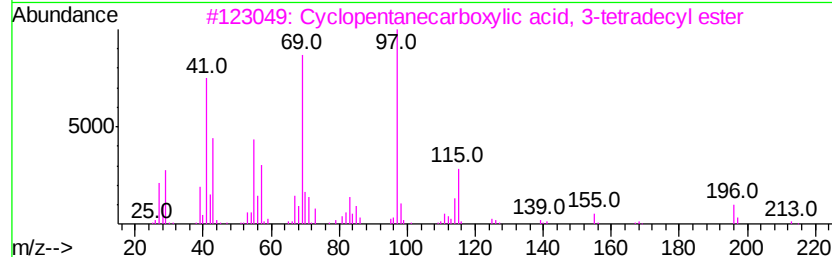
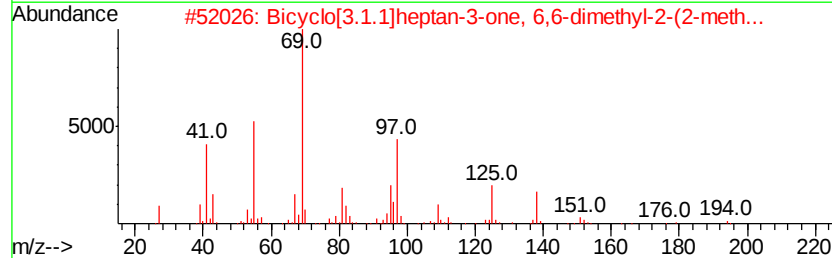
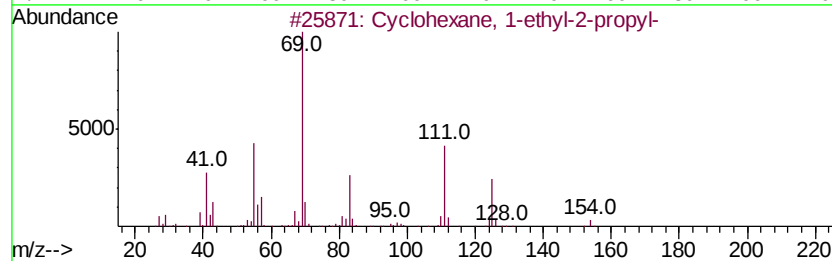
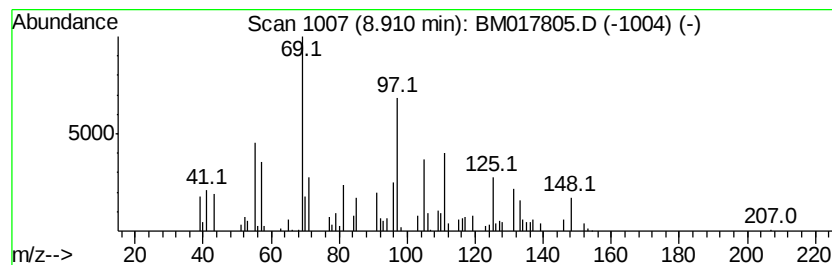
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 (DEL) Alkane: Cyclic8.91 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	3.66 ng/ul	261825	1,4-Dichlorobenzene-d4	7.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	37
2			Bicyclo[3.1.1]heptan-3-one, 6,6-...	194	C13H22O	1000163-97-9	37
3			Cyclopentanecarboxylic acid, 3-t...	310	C20H38O2	1000280-58-8	35
4			Cyclooctyl bromide	190	C8H15Br	001556-09-8	32
5			Trichloroacetic acid, 6-ethyl-3-...	302	C12H21Cl3O2	1000282-57-4	32



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
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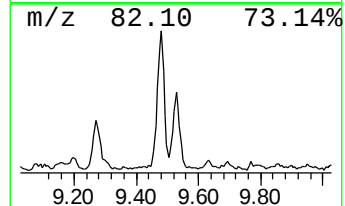
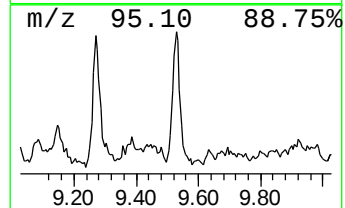
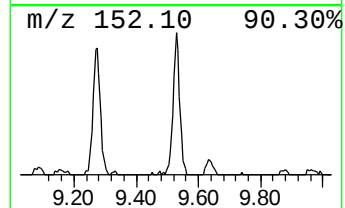
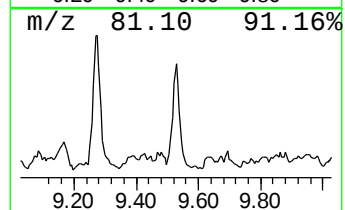
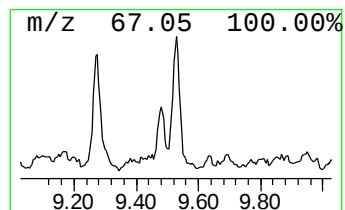
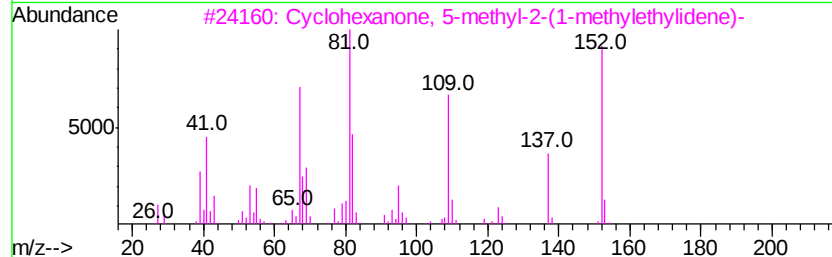
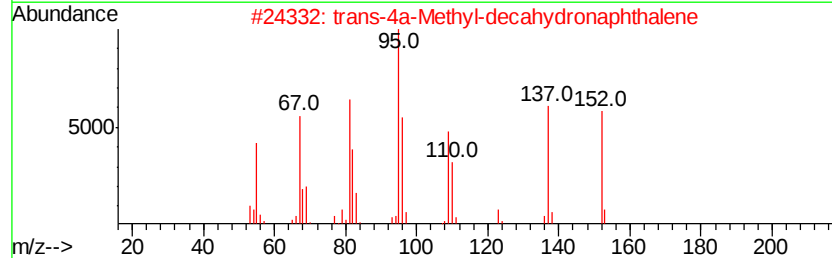
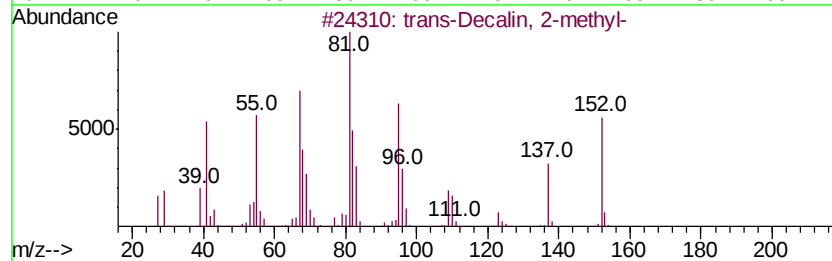
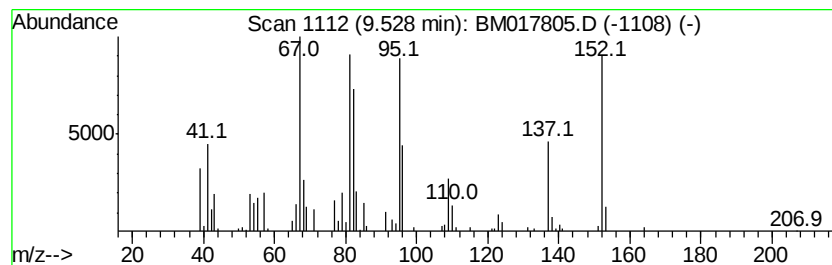
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 trans-Decalin, 2-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	2.70 ng/ul	338289	Naphthalene-d8	10.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	trans-Decalin, 2-methyl-	152 C11H20	1000152-47-3	91
2	trans-4a-Methyl-decahydronaphtha...	152 C11H20	002547-27-5	89
3	Cyclohexanone, 5-methyl-2-(1-met...	152 C10H16O	015932-80-6	78
4	Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1	74
5	9-Octadecyne	250 C18H34	035365-59-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
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Acq On : 29 Nov 2018 20:46
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Sample : J6038-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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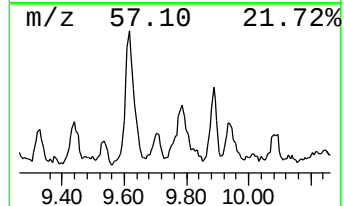
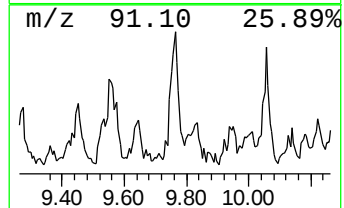
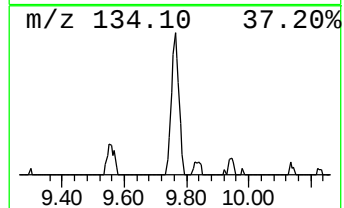
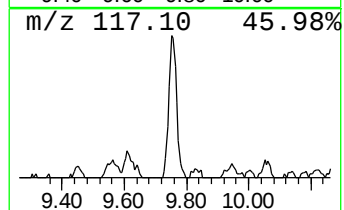
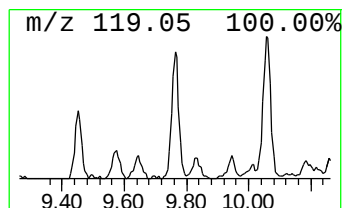
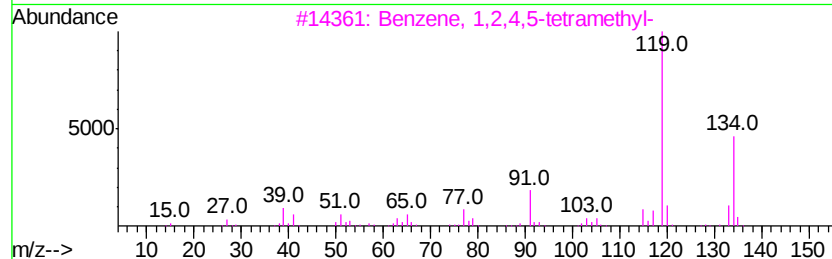
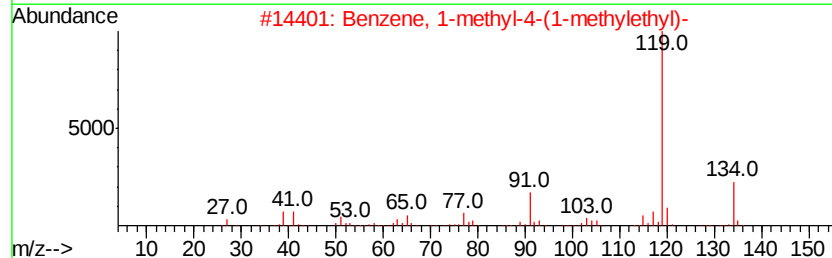
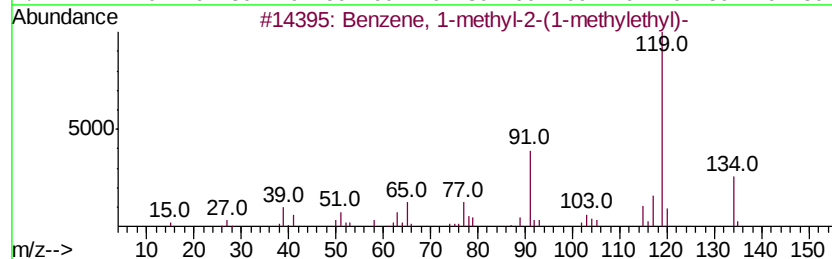
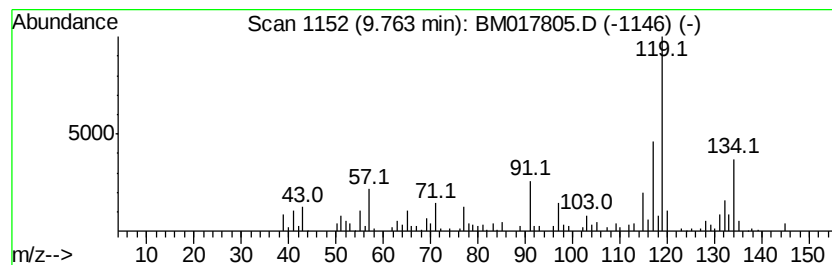
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Benzene, 1-methyl-2-(1-meth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	3.22 ng/ul	402666	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	64
2		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	60
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60
4		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	60
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
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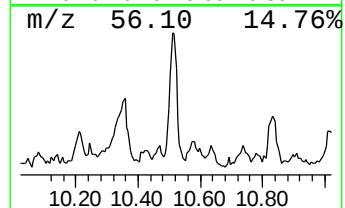
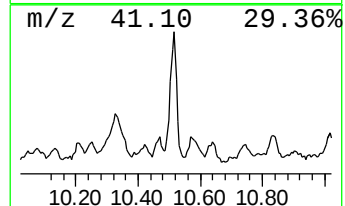
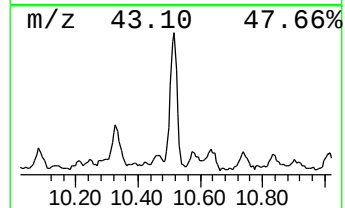
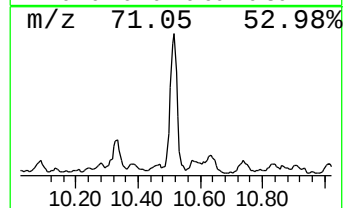
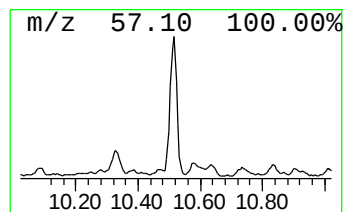
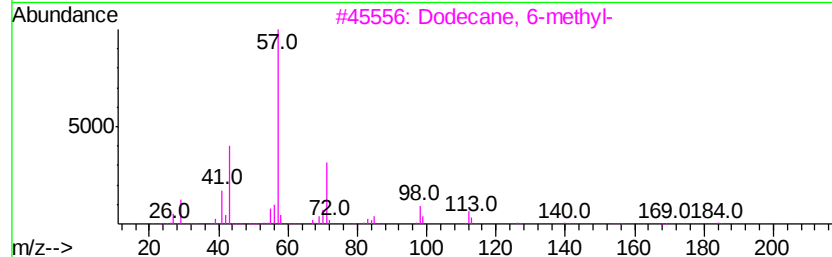
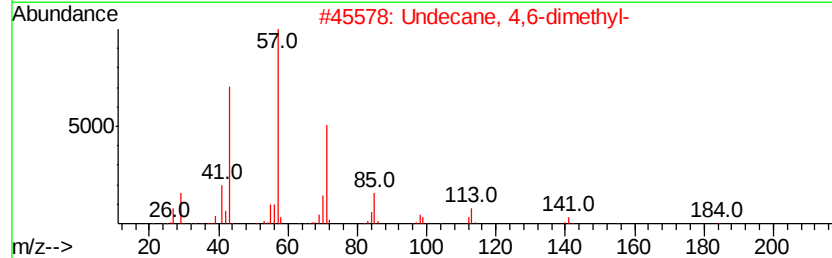
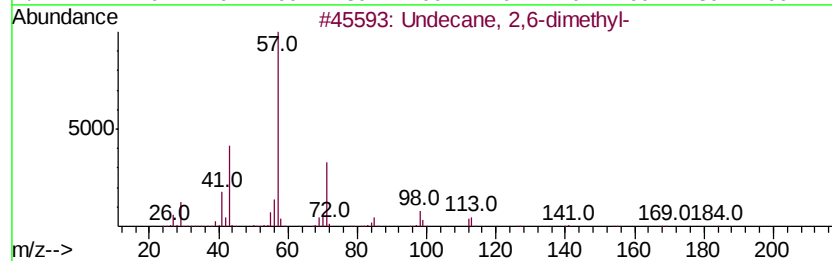
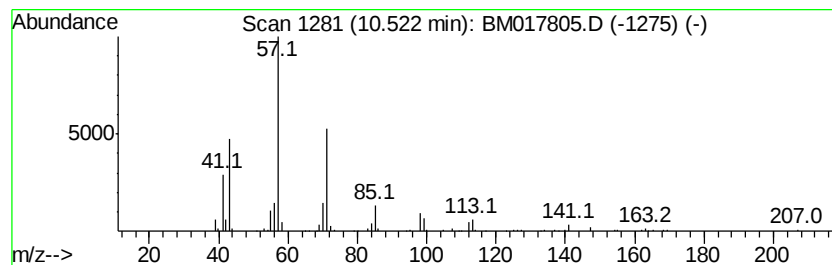
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	4.27 ng/ul	533601	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
2		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	90
3		Dodecane, 6-methyl-	184	C13H28	006044-71-9	76
4		Undecane, 6-ethyl-	184	C13H28	017312-60-6	64
5		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017805.D
Acq On : 29 Nov 2018 20:46
Operator : JU/SJ
Sample : J6038-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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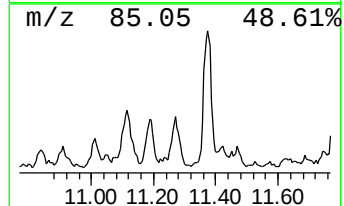
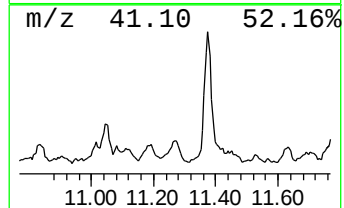
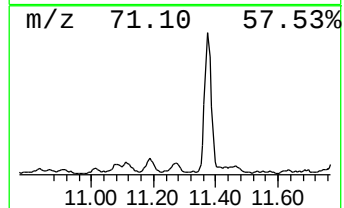
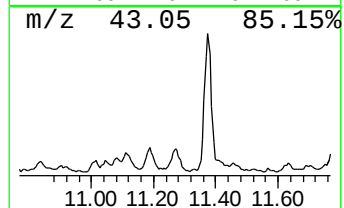
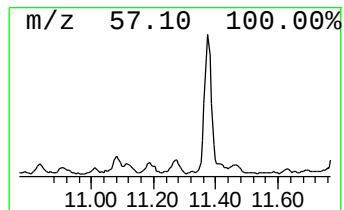
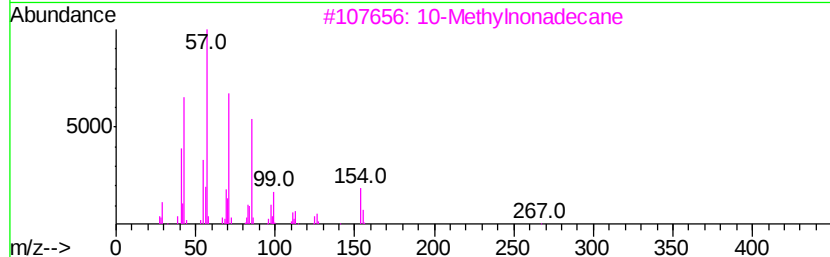
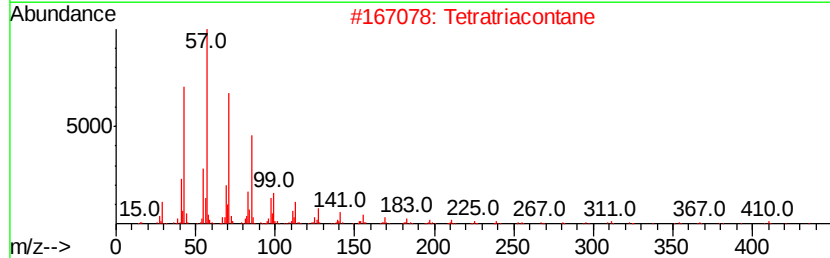
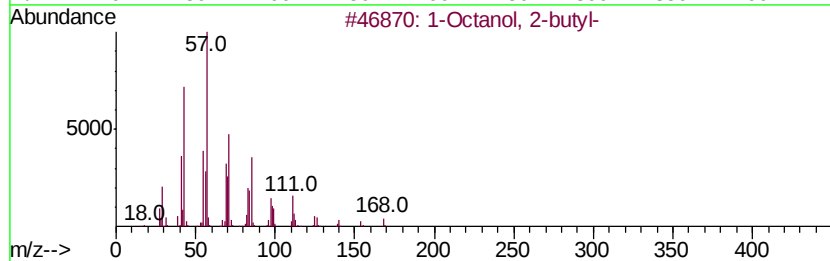
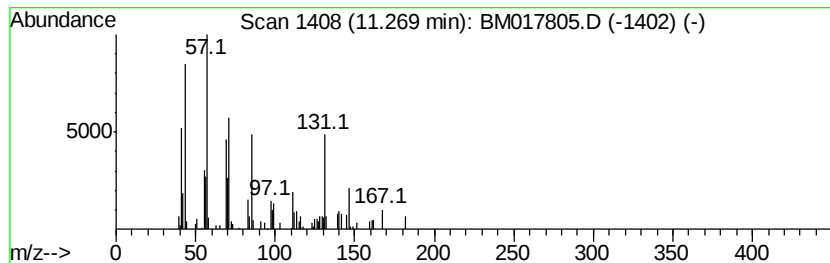
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 unknown-03 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	2.04 ng/ul	255482	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	49
2		Tetratriacontane	479	C34H70	014167-59-0	46
3		10-Methylnonadecane	282	C20H42	056862-62-5	43
4		Octacosane	394	C28H58	000630-02-4	43
5		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017805.D
Acq On : 29 Nov 2018 20:46
Operator : JU/SJ
Sample : J6038-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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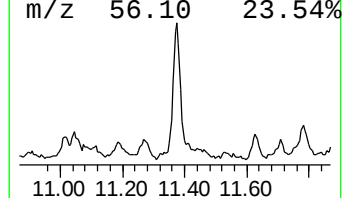
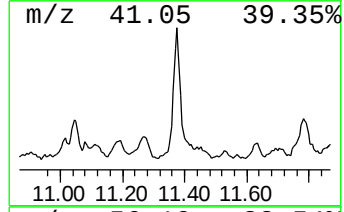
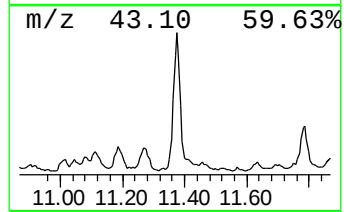
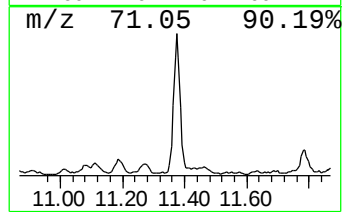
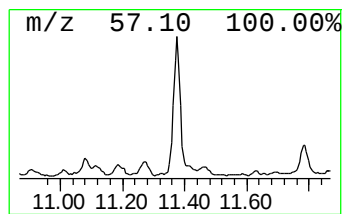
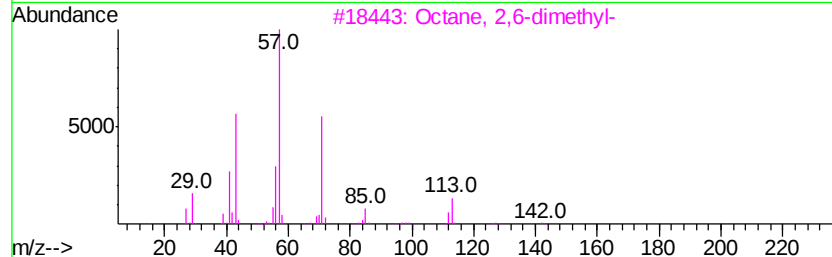
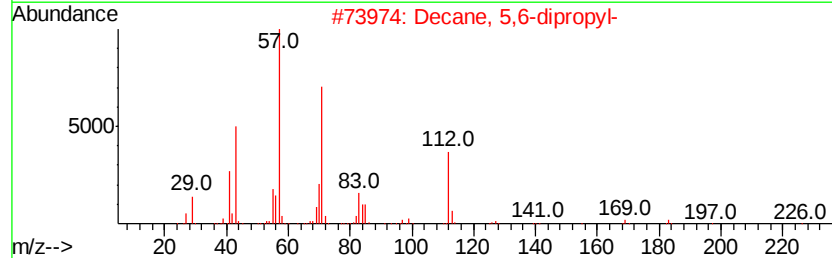
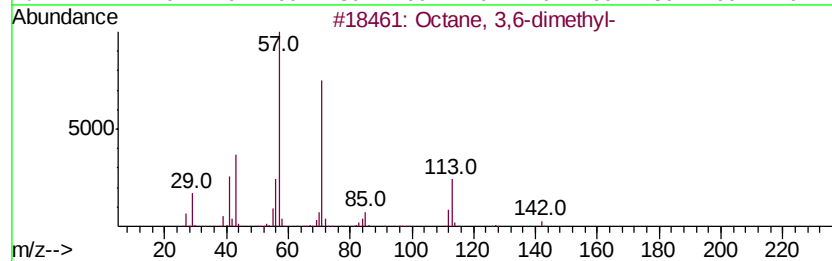
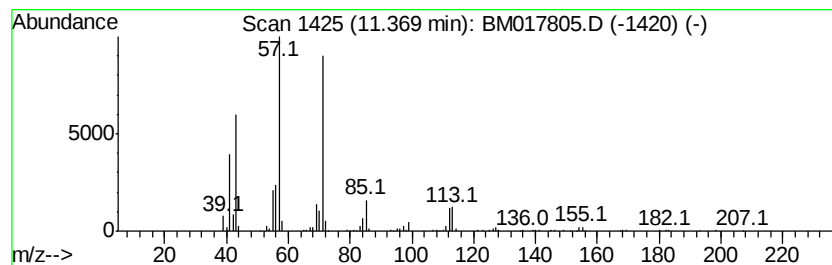
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	8.16 ng/ul	1020290	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	83
2		Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	78
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
4		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64
5		Octane, 2-bromo-	192	C8H17Br	000557-35-7	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017805.D
Acq On : 29 Nov 2018 20:46
Operator : JU/SJ
Sample : J6038-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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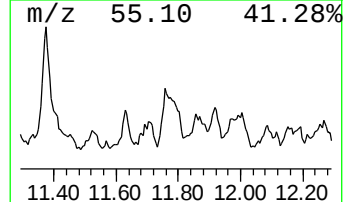
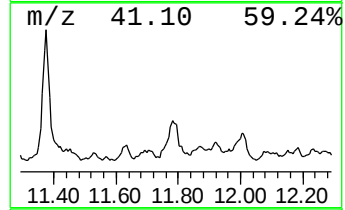
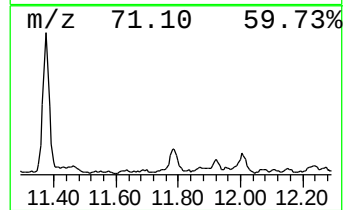
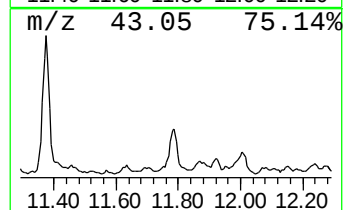
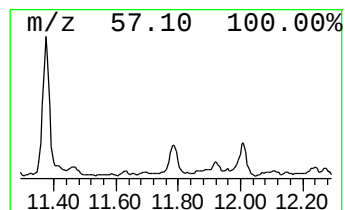
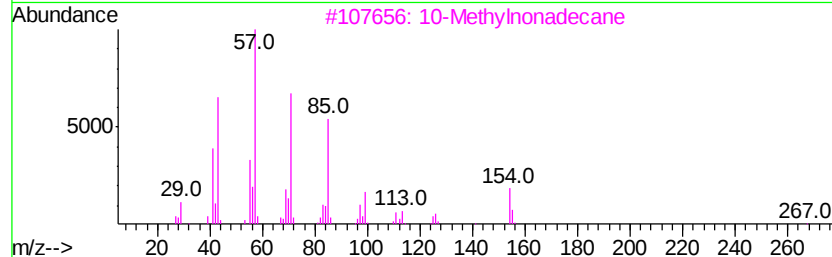
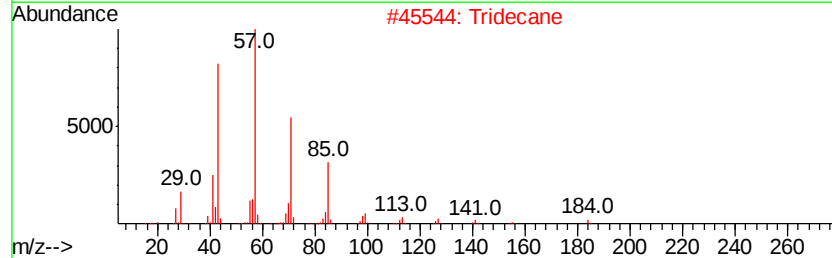
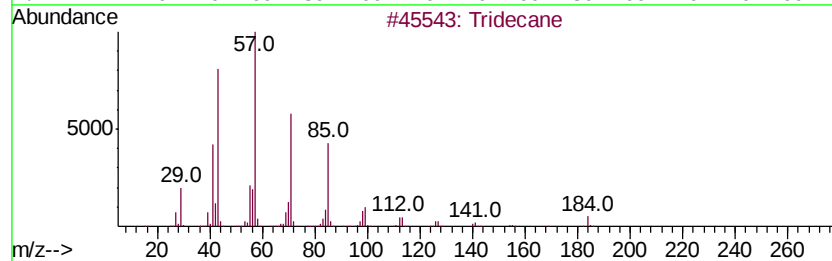
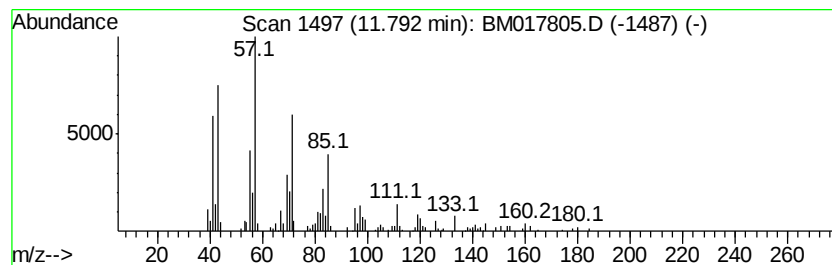
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	4.05 ng/ul	506494	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	90
2		Tridecane	184	C13H28	000629-50-5	87
3		10-Methylnonadecane	282	C20H42	056862-62-5	80
4		Tetratetracontane	619	C44H90	007098-22-8	80
5		Heptacosane	380	C27H56	000593-49-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017805.D
Acq On : 29 Nov 2018 20:46
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Misc :
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ClientSampleId :
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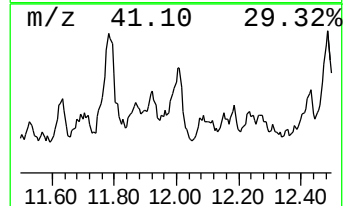
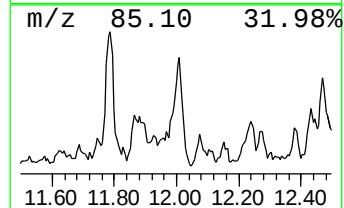
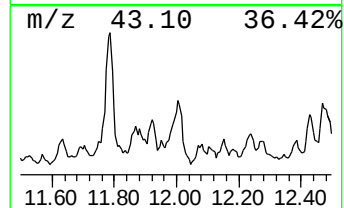
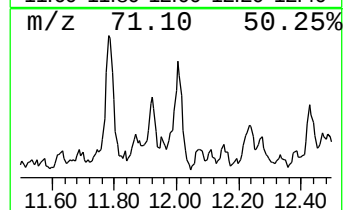
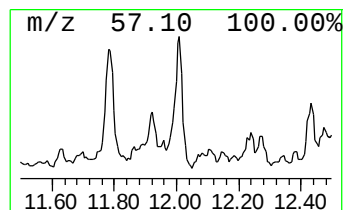
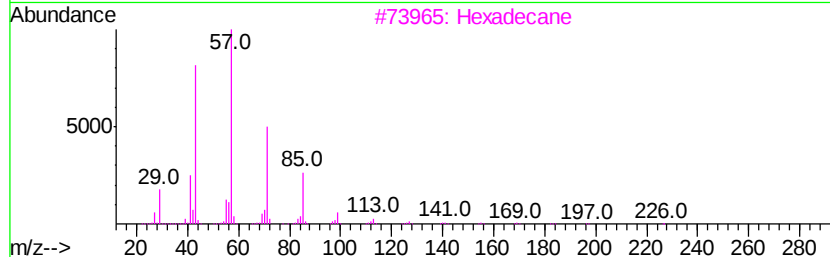
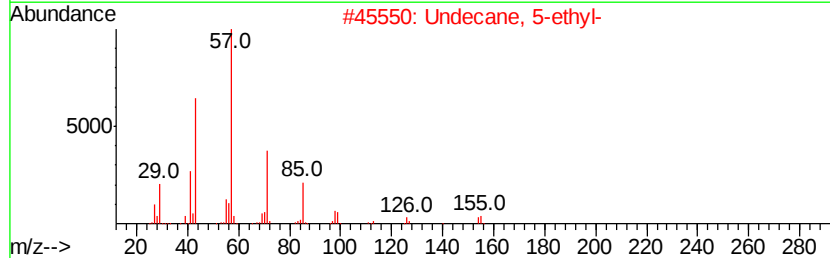
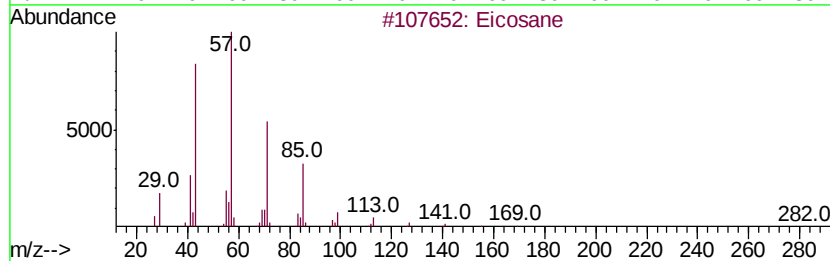
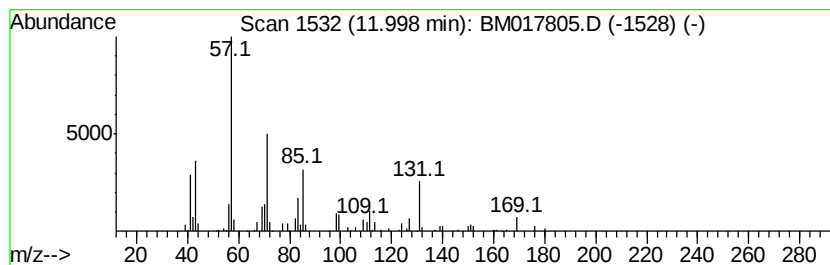
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	2.89 ng/ul	360846	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	64
2		Undecane, 5-ethyl-	184	C13H28	017453-94-0	64
3		Hexadecane	226	C16H34	000544-76-3	59
4		Undecane	156	C11H24	001120-21-4	59
5		Tridecane	184	C13H28	000629-50-5	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017805.D
Acq On : 29 Nov 2018 20:46
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Sample : J6038-13
Misc :
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ClientSampleId :
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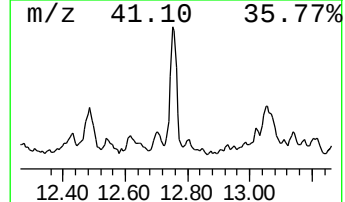
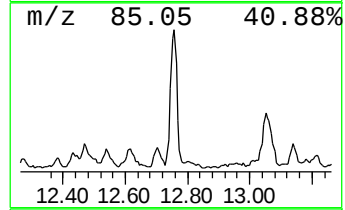
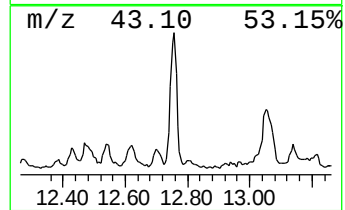
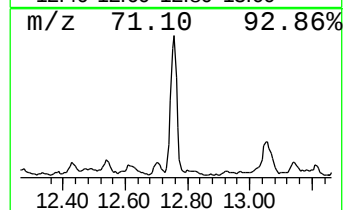
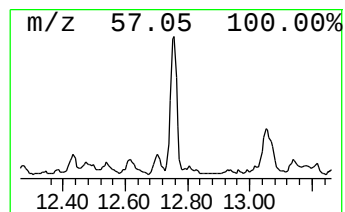
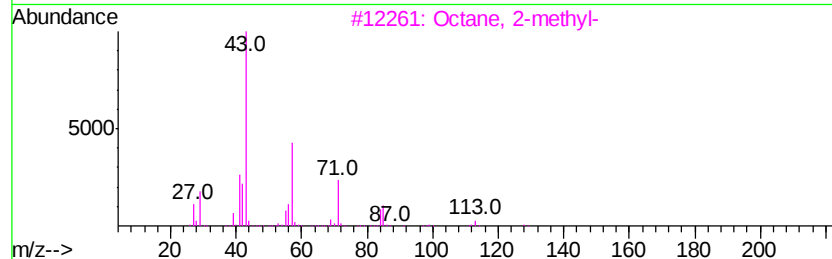
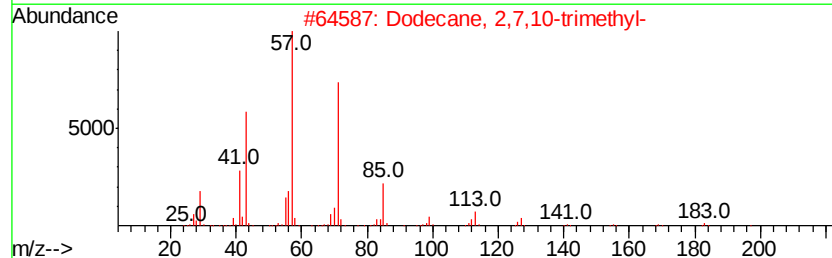
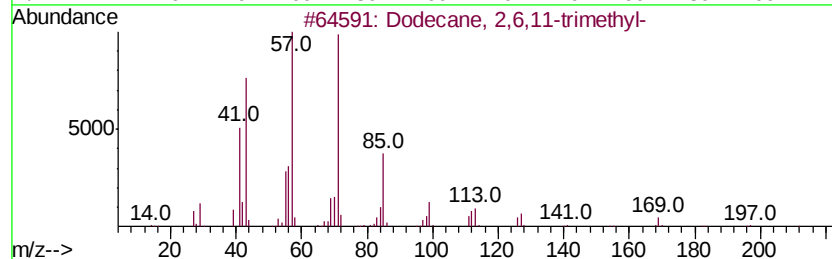
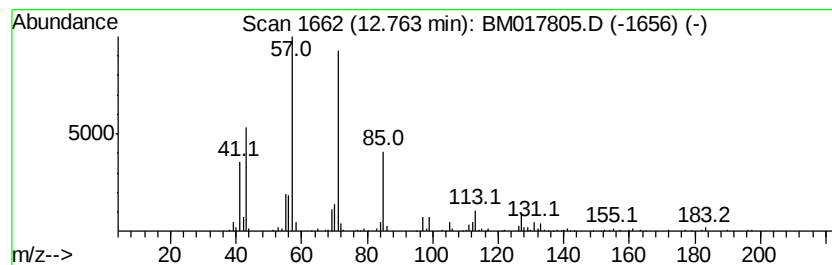
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	4.57 ng/ul	760676	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	94
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
3			Octane, 2-methyl-	128	C9H20	003221-61-2	81
4			1-Undecene, 4-methyl-	168	C12H24	074630-39-0	80
5			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017805.D
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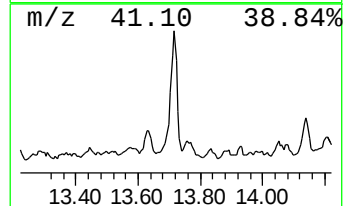
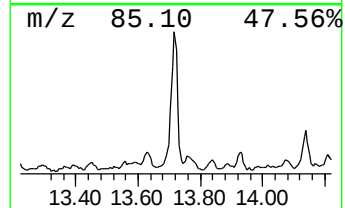
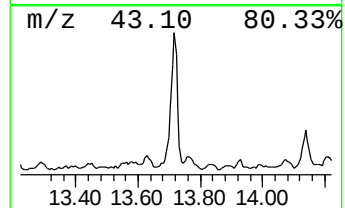
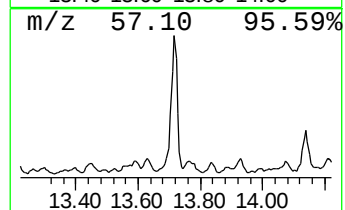
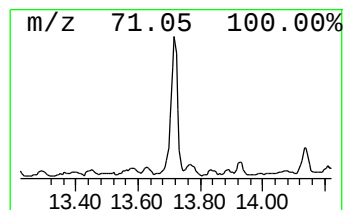
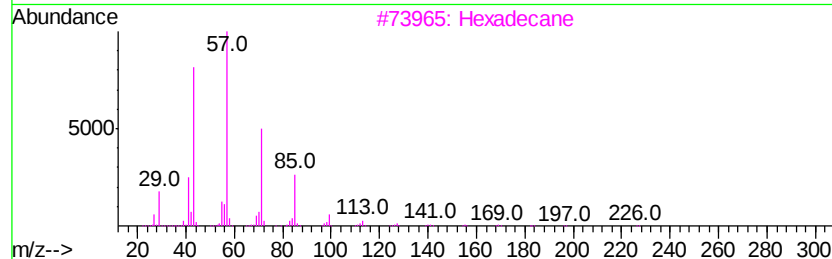
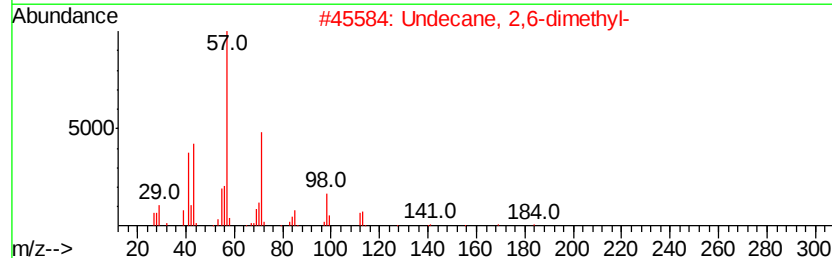
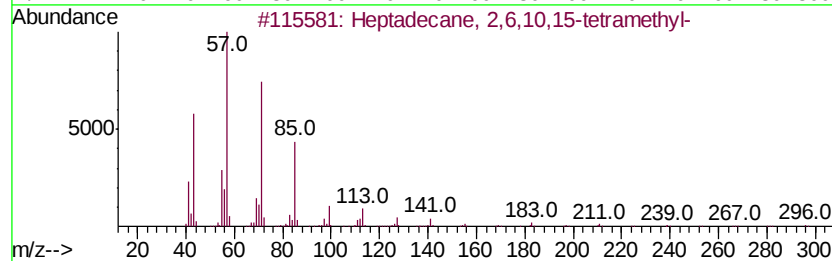
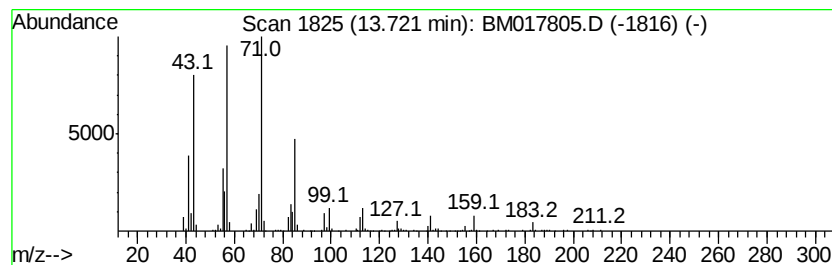
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	5.63 ng/ul	937891	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
3			Hexadecane	226	C16H34	000544-76-3	59
4			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	50
5			Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017805.D
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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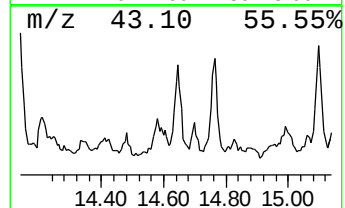
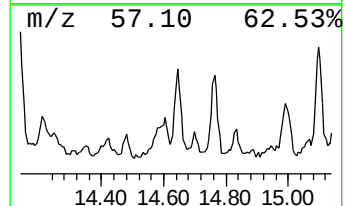
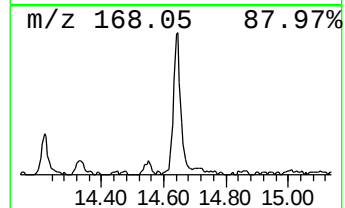
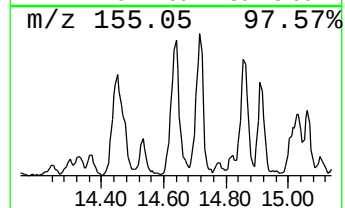
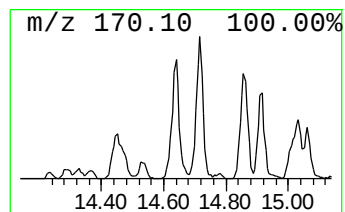
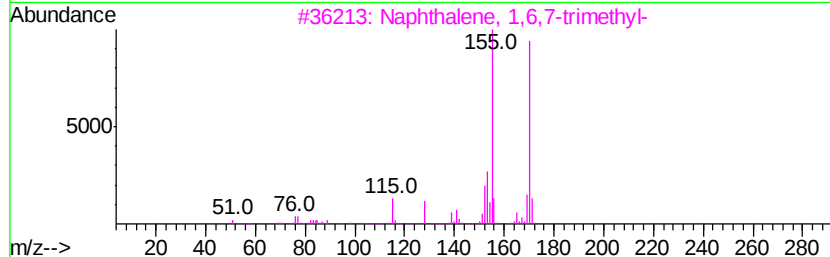
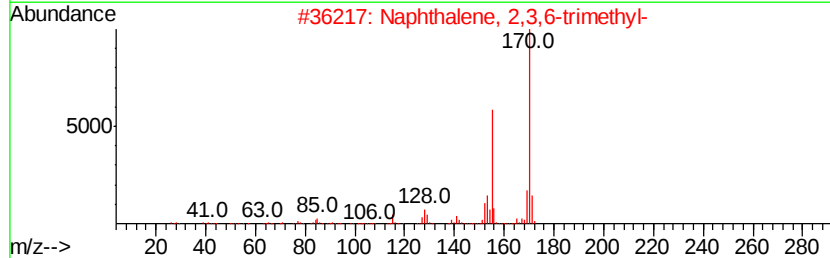
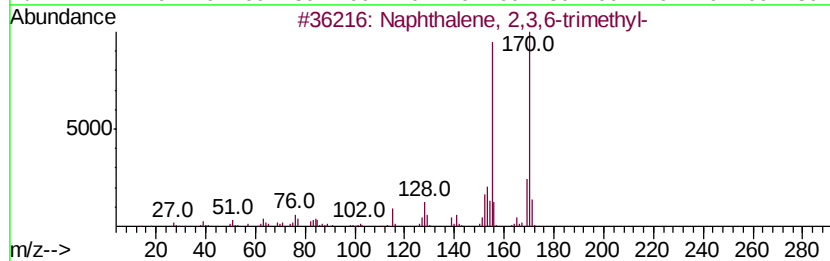
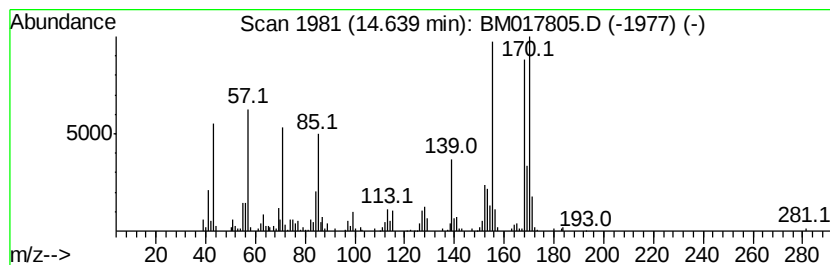
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Naphthalene, 2,3,6-trimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	2.01 ng/ul	334498	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	64
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017805.D
Acq On : 29 Nov 2018 20:46
Operator : JU/SJ
Sample : J6038-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB4J7

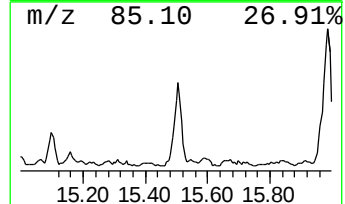
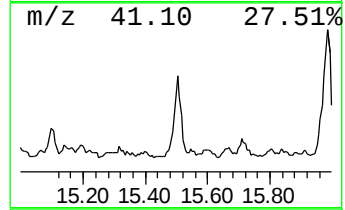
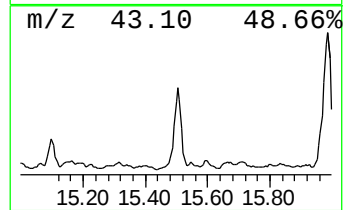
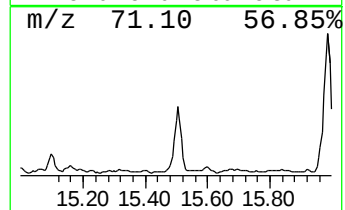
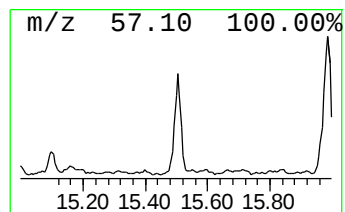
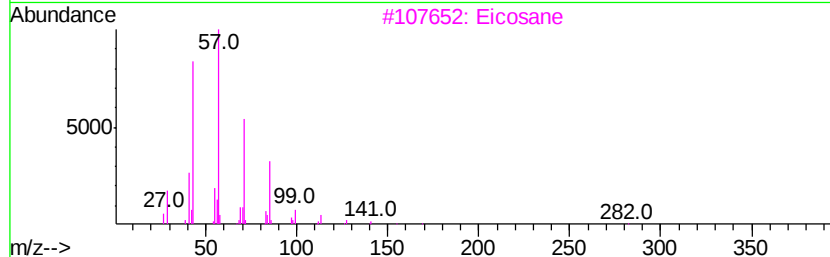
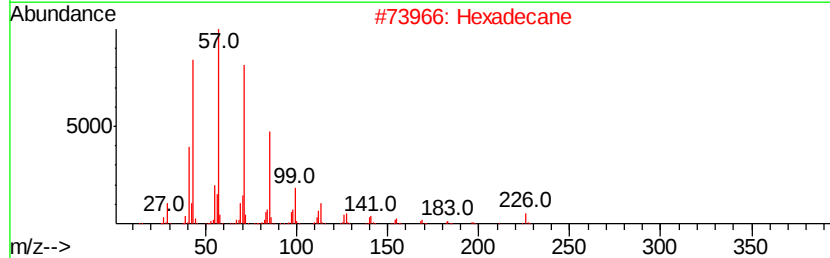
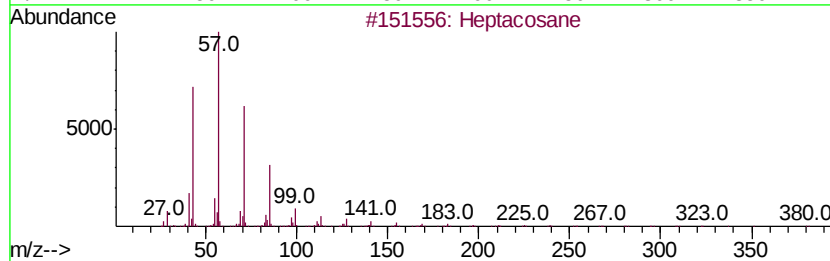
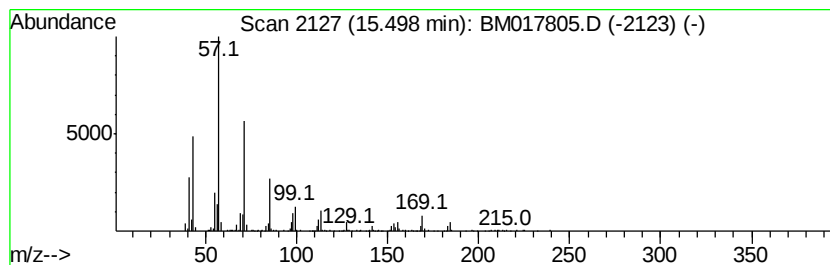
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	4.50 ng/ul	748802	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	72
2			Hexadecane	226	C16H34	000544-76-3	68
3			Eicosane	282	C20H42	000112-95-8	64
4			Decane, 2-methyl-	156	C11H24	006975-98-0	64
5			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017805.D
Acq On : 29 Nov 2018 20:46
Operator : JU/SJ
Sample : J6038-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB4J7

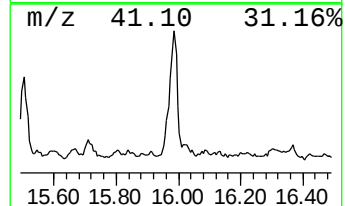
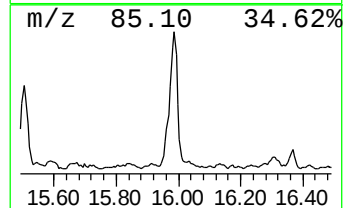
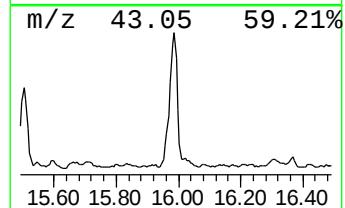
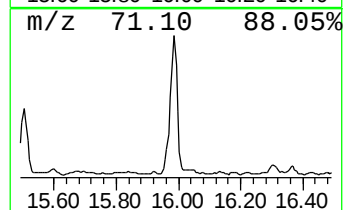
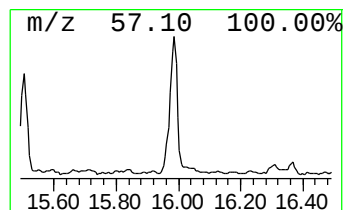
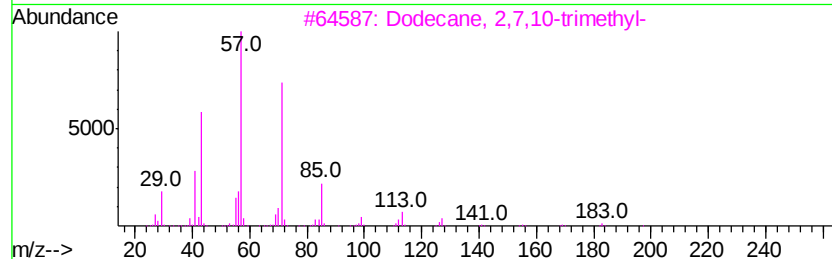
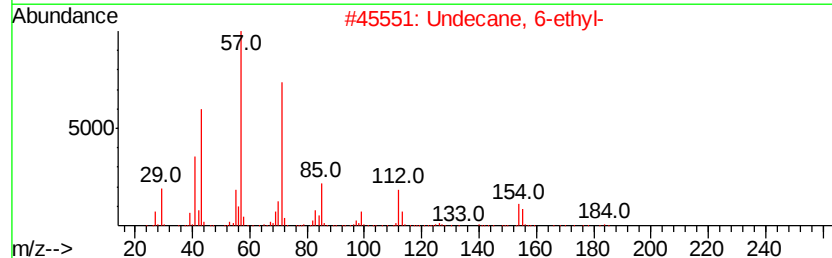
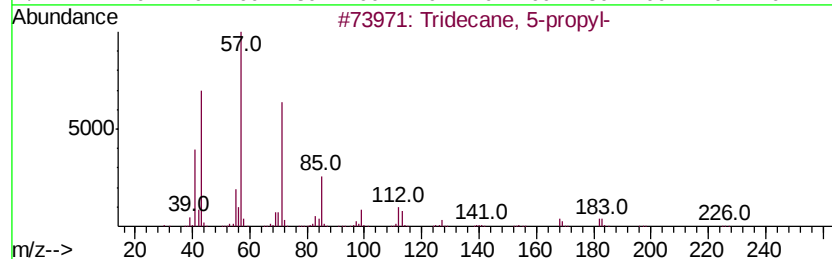
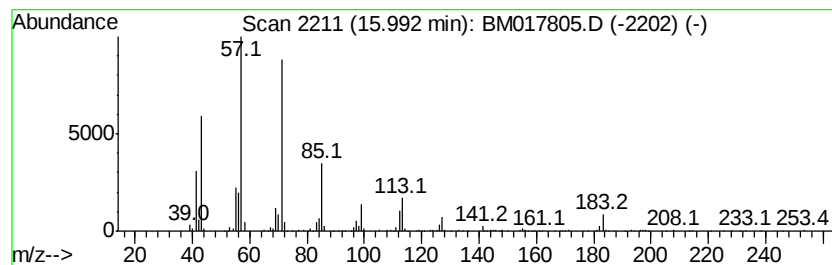
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	8.64 ng/ul	1477140	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
2			Undecane, 6-ethyl-	184	C13H28	017312-60-6	76
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64
5			Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017805.D
Acq On : 29 Nov 2018 20:46
Operator : JU/SJ
Sample : J6038-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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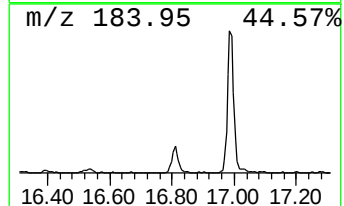
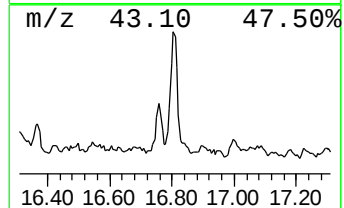
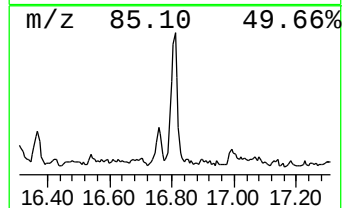
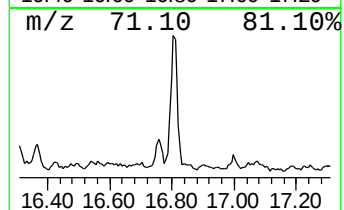
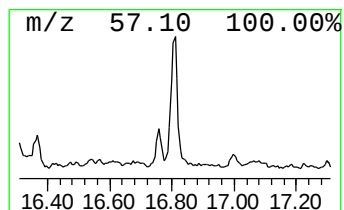
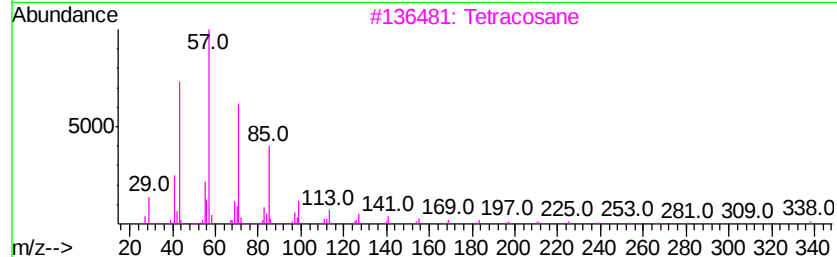
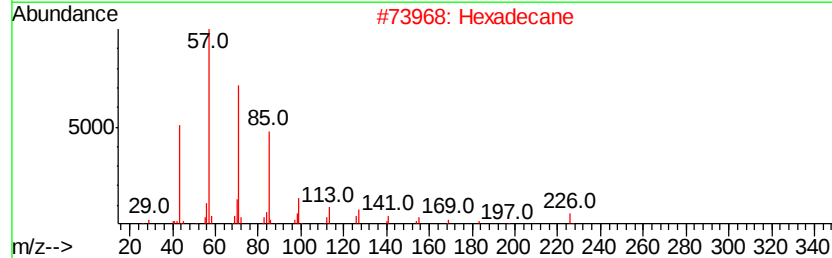
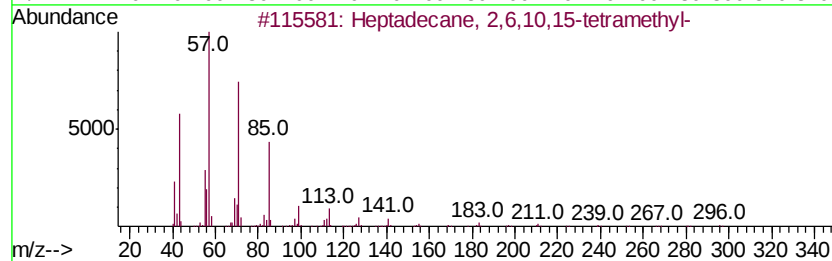
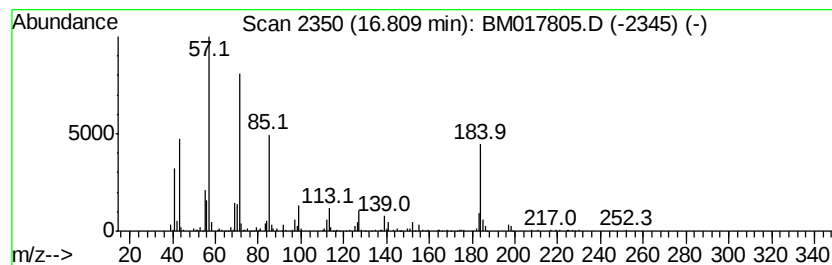
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	3.58 ng/ul	611877	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	68
2			Hexadecane	226	C16H34	000544-76-3	68
3			Tetracosane	338	C24H50	000646-31-1	68
4			Heptadecane	240	C17H36	000629-78-7	64
5			Heptadecane	240	C17H36	000629-78-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017805.D
Acq On : 29 Nov 2018 20:46
Operator : JU/SJ
Sample : J6038-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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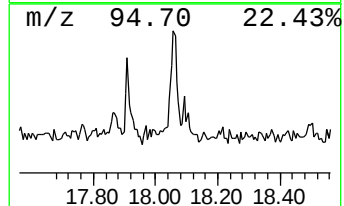
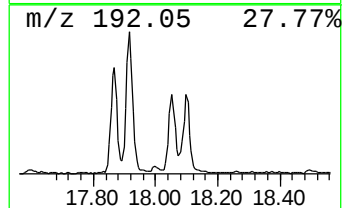
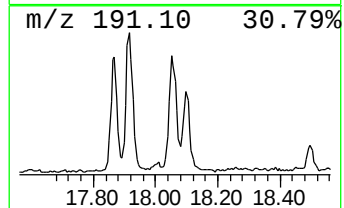
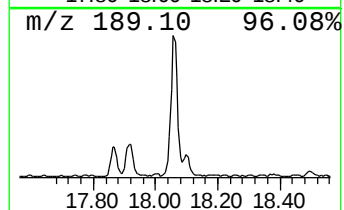
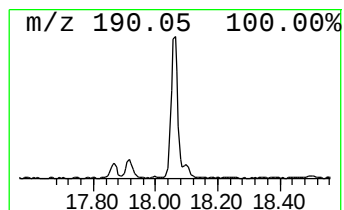
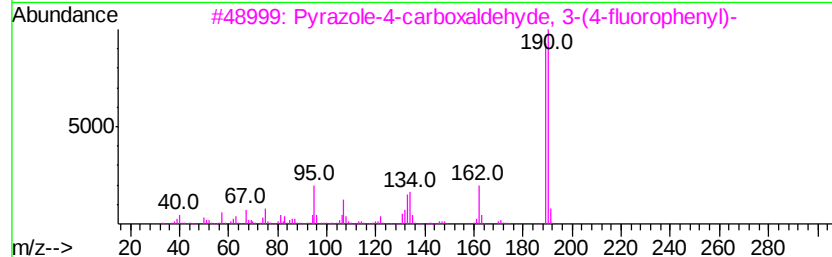
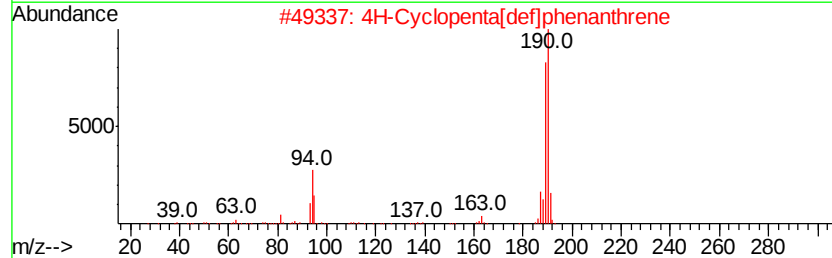
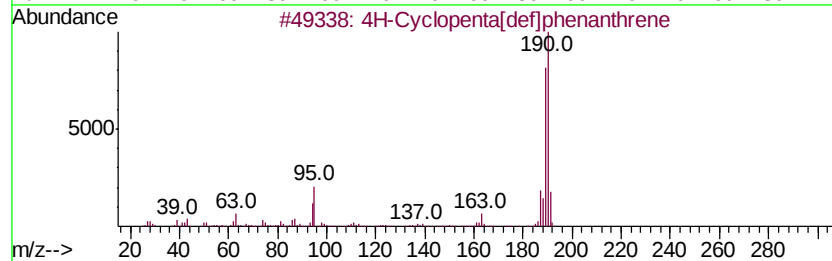
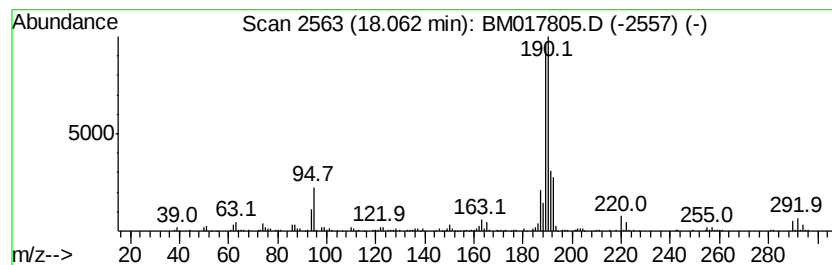
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 4H-Cyclopenta[def]phenanthrene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	2.42 ng/ul	414006	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	86
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3		Pvrazole-4-carboxaldehvde, 3-(4-...	190	C10H7FN2O	306936-57-2	52
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
5		Benzimidazol-2(3H)-one, 5-formyl...	190	C10H10N2O2	055241-49-1	28



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\
Data File : BM017805.D
Acq On : 29 Nov 2018 20:46
Operator : JU/SJ
Sample : J6038-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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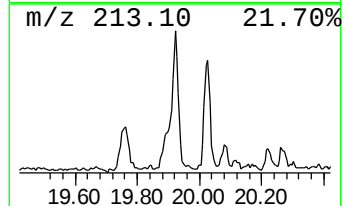
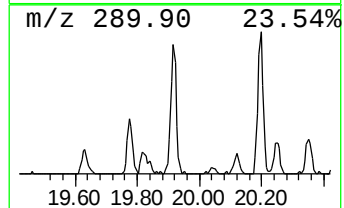
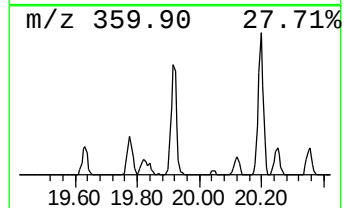
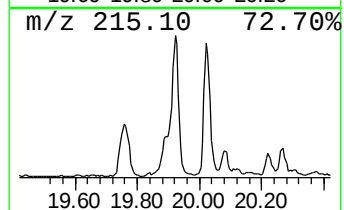
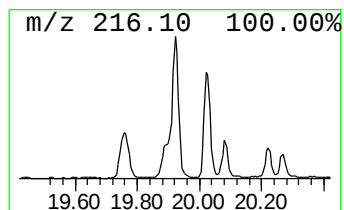
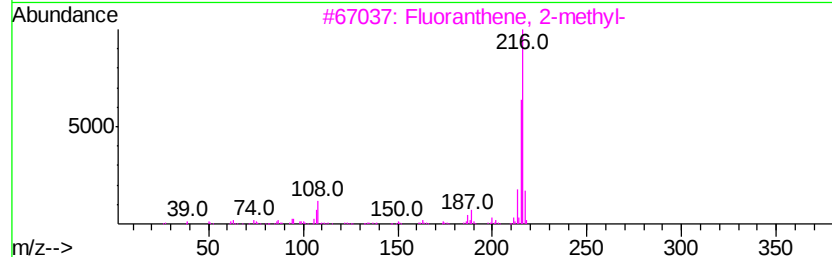
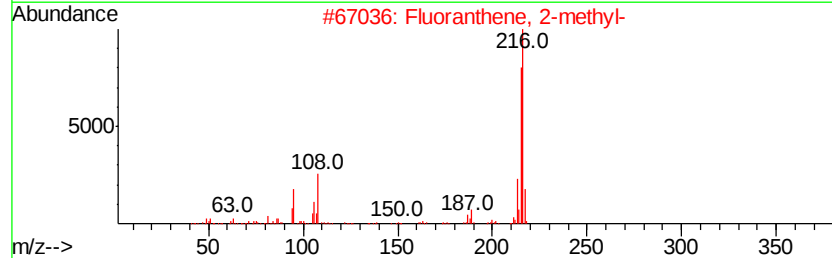
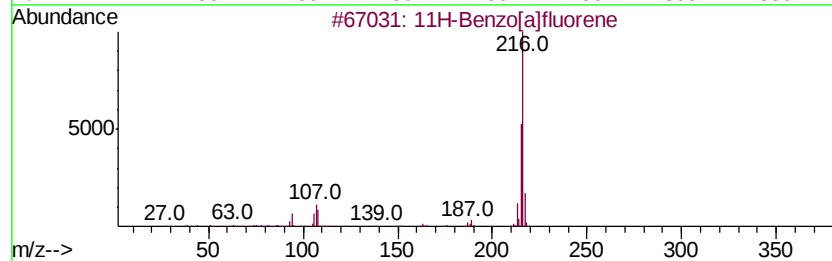
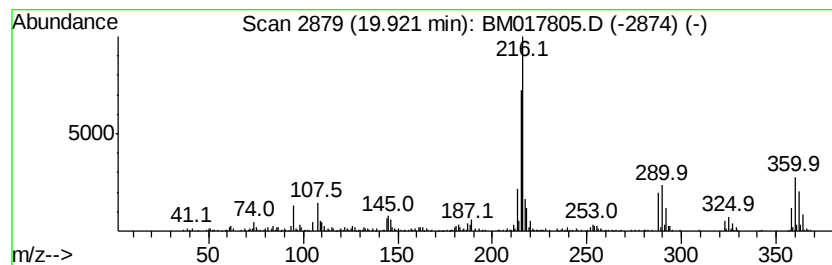
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 11H-Benzo[a]fluorene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	2.92 ng/ul	623254	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	62
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	53
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	52
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	52
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112918\
 Data File : BM017805.D
 Acq On : 29 Nov 2018 20:46
 Operator : JU/SJ
 Sample : J6038-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
 Quant Title : SVOA CALIBRATION

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

TIC Top Hit name					--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	3.10	15.4	ng/ul	1104350	1	7.59	1432290	20.0
(DEL) Alkane: Cyc...	4.83	2.4	ng/ul	171672	1	7.59	1432290	20.0
(DEL) Alkane: Cyc...	5.87	4.1	ng/ul	294104	1	7.59	1432290	20.0
(DEL) Alkane: Str...	6.09	2.0	ng/ul	147040	1	7.59	1432290	20.0
(DEL) Alkane: Str...	6.15	3.9	ng/ul	276615	1	7.59	1432290	20.0
(DEL) Alkane: Cyc...	6.23	2.5	ng/ul	176864	1	7.59	1432290	20.0
(DEL) Alkane: Str...	6.26	2.0	ng/ul	144751	1	7.59	1432290	20.0
(DEL) Alkane: Str...	6.58	3.1	ng/ul	222825	1	7.59	1432290	20.0
(DEL) Alkane: Cyc...	6.72	5.1	ng/ul	368185	1	7.59	1432290	20.0
Ethanone, 1-(1-me...	7.06	3.3	ng/ul	239517	1	7.59	1432290	20.0
(DEL) Alkane: Cyc...	7.14	2.5	ng/ul	178036	1	7.59	1432290	20.0
unknown-01	7.49	3.1	ng/ul	222080	1	7.59	1432290	20.0
(DEL) Alkane: Cyc...	7.86	5.0	ng/ul	360830	1	7.59	1432290	20.0
(DEL) Alkane: Str...	8.10	4.9	ng/ul	352966	1	7.59	1432290	20.0
Naphthalene, deca...	8.39	2.7	ng/ul	195317	1	7.59	1432290	20.0
(DEL) Alkane: Cyc...	8.64	2.4	ng/ul	173714	1	7.59	1432290	20.0
Benzene, 4-ethyl-...	8.67	4.7	ng/ul	334675	1	7.59	1432290	20.0
unknown-02	8.76	2.8	ng/ul	200142	1	7.59	1432290	20.0
(DEL) Alkane: Cyc...	8.87	2.8	ng/ul	197413	1	7.59	1432290	20.0
(DEL) Alkane: Cyc...	8.91	3.7	ng/ul	261825	1	7.59	1432290	20.0
trans-Decalin, 2-...	9.53	2.7	ng/ul	338289	2	10.36	2501470	20.0
Benzene, 1-methyl...	9.76	3.2	ng/ul	402666	2	10.36	2501470	20.0
(DEL) Alkane: Str...	10.52	4.3	ng/ul	533601	2	10.36	2501470	20.0
unknown-03	11.27	2.0	ng/ul	255482	2	10.36	2501470	20.0
(DEL) Alkane: Str...	11.37	8.2	ng/ul	1020290	2	10.36	2501470	20.0
(DEL) Alkane: Str...	11.79	4.0	ng/ul	506494	2	10.36	2501470	20.0
(DEL) Alkane: Str...	12.00	2.9	ng/ul	360846	2	10.36	2501470	20.0
(DEL) Alkane: Str...	12.76	4.6	ng/ul	760676	3	14.23	3331330	20.0
(DEL) Alkane: Str...	13.72	5.6	ng/ul	937891	3	14.23	3331330	20.0
Naphthalene, 2,3,...	14.64	2.0	ng/ul	334498	3	14.23	3331330	20.0
(DEL) Alkane: Str...	15.50	4.5	ng/ul	748802	3	14.23	3331330	20.0
(DEL) Alkane: Str...	15.99	8.6	ng/ul	1477140	4	16.99	3418960	20.0
(DEL) Alkane: Str...	16.81	3.6	ng/ul	611877	4	16.99	3418960	20.0
4H-Cyclopenta[def...	18.06	2.4	ng/ul	414006	4	16.99	3418960	20.0
11H-Benzo[a]fluorene	19.92	2.9	ng/ul	623254	5	21.19	4274930	20.0