

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
 Data File : BM021373.D
 Acq On : 03 Jul 2019 19:29
 Operator : HP/JU
 Sample : K3596-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLJF9

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-BM061419MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.293	558	562	567	rVV	114908	155096	3.56%	0.183%
2	6.398	574	580	587	rVB	144314	237398	5.44%	0.280%
3	6.875	657	661	664	rVV2	101172	173901	3.99%	0.205%
4	6.922	664	669	681	rVB	801557	1387490	31.82%	1.639%
5	7.093	688	698	706	rVV	595509	1036585	23.77%	1.224%
6	7.222	716	720	724	rVV4	54006	107880	2.47%	0.127%
7	7.281	724	730	742	rVB	930454	1571246	36.04%	1.856%
8	7.651	782	793	796	rBV6	60983	178516	4.09%	0.211%
9	7.698	796	801	805	rBV	340218	480417	11.02%	0.567%
10	7.745	805	809	815	rVB	729708	1099526	25.22%	1.299%
11	7.910	831	837	841	rVB6	109239	183686	4.21%	0.217%
12	7.981	845	849	852	rVB	79824	106771	2.45%	0.126%
13	8.281	892	900	910	rVB2	131619	287367	6.59%	0.339%
14	8.451	922	929	944	rVV	1053184	1833630	42.05%	2.166%
15	8.563	944	948	953	rBV2	67433	148171	3.40%	0.175%
16	8.604	953	955	963	rVB5	79595	150319	3.45%	0.178%
17	8.704	963	972	975	rBV8	48027	117001	2.68%	0.138%
18	8.828	982	993	1001	rBV2	214976	617187	14.15%	0.729%
19	8.910	1001	1007	1015	rVV	934648	1607979	36.88%	1.899%
20	8.981	1015	1019	1023	rVB4	63255	107382	2.46%	0.127%
21	9.034	1023	1028	1030	rBV2	134867	207085	4.75%	0.245%
22	9.069	1031	1034	1042	rVB4	134971	267759	6.14%	0.316%
23	9.198	1049	1056	1060	rVB4	133397	294544	6.76%	0.348%
24	9.263	1060	1067	1069	rBV5	47968	107854	2.47%	0.127%
25	9.363	1077	1084	1089	rBV	288453	449037	10.30%	0.530%
26	9.445	1089	1098	1101	rVV2	144343	302914	6.95%	0.358%
27	9.628	1120	1129	1136	rBV	734053	1333503	30.58%	1.575%
28	9.698	1136	1141	1146	rVB2	224010	360697	8.27%	0.426%
29	9.769	1147	1153	1160	rVB4	125689	254608	5.84%	0.301%
30	9.863	1160	1169	1174	rVB6	84866	236695	5.43%	0.280%
31	9.933	1174	1181	1183	rBV2	117849	226443	5.19%	0.267%
32	10.098	1203	1209	1214	rBV5	134574	343477	7.88%	0.406%
33	10.157	1214	1219	1225	rVV	1203564	1956829	44.88%	2.311%
34	10.239	1226	1233	1238	rVB	270199	527857	12.11%	0.624%

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35	10.298	1239	1243	1248	rVV4	87914	128612	2.95%	0.152%
36	10.375	1251	1256	1259	rBV2	92997	140983	3.23%	0.167%
37	10.410	1259	1262	1268	rVB	65316	104626	2.40%	0.124%
38	10.481	1269	1274	1277	rVV3	124753	219961	5.04%	0.260%
39	10.533	1277	1283	1289	rVV	1256308	2088129	47.89%	2.467%
40	10.592	1289	1293	1296	rVB2	82903	110737	2.54%	0.131%
41	10.675	1301	1307	1314	rVV2	2306423	3878793	88.96%	4.582%
42	10.733	1314	1317	1323	rVB4	111814	184314	4.23%	0.218%
43	10.898	1341	1345	1348	rBV3	71697	127680	2.93%	0.151%
44	10.998	1357	1362	1369	rVB2	441305	751624	17.24%	0.888%
45	11.063	1369	1373	1380	rVB6	75858	156859	3.60%	0.185%
46	11.180	1388	1393	1401	rBV6	228921	591058	13.56%	0.698%
47	11.351	1416	1422	1430	rBV5	214170	503931	11.56%	0.595%
48	11.539	1443	1454	1458	rBV	2130632	3595544	82.46%	4.247%
49	11.704	1477	1482	1490	rVB4	134212	311551	7.15%	0.368%
50	11.798	1492	1498	1503	rBV	372224	606707	13.91%	0.717%
51	11.869	1508	1510	1515	rVB2	104518	126135	2.89%	0.149%
52	11.927	1517	1520	1524	rBV3	83783	131192	3.01%	0.155%
53	12.022	1533	1536	1541	rBV3	84795	133370	3.06%	0.158%
54	12.075	1541	1545	1551	rVV4	204821	303850	6.97%	0.359%
55	12.163	1556	1560	1565	rVB	552057	845888	19.40%	0.999%
56	12.257	1572	1576	1582	rVB5	84992	140070	3.21%	0.165%
57	12.339	1587	1590	1594	rBV2	119868	182532	4.19%	0.216%
58	12.574	1625	1630	1635	rBV3	225865	396902	9.10%	0.469%
59	12.645	1639	1642	1647	rVB	116168	167268	3.84%	0.198%
60	12.804	1666	1669	1674	rVB4	104936	156265	3.58%	0.185%
61	12.857	1674	1678	1680	rVV2	87837	139290	3.19%	0.165%
62	12.904	1680	1686	1691	rVV	1585586	2302405	52.80%	2.720%
63	13.174	1727	1732	1735	rBV2	242030	348143	7.98%	0.411%
64	13.210	1735	1738	1743	rVB3	271281	398251	9.13%	0.470%
65	13.286	1747	1751	1755	rVB2	102938	145260	3.33%	0.172%
66	13.357	1760	1763	1768	rVB2	132720	190004	4.36%	0.224%
67	13.433	1772	1776	1781	rVB4	82515	115195	2.64%	0.136%
68	13.586	1798	1802	1805	rBV2	74243	117407	2.69%	0.139%
69	13.763	1829	1832	1834	rBV3	89996	120436	2.76%	0.142%
70	13.804	1834	1839	1843	rVV	2250344	3130503	71.80%	3.698%
71	13.851	1843	1847	1852	rVV2	1893591	2657392	60.95%	3.139%

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72	13.910	1853	1857	1861	rVB5	84276	150126	3.44%	0.177%
73	14.027	1873	1877	1880	rBV3	82751	108342	2.48%	0.128%
74	14.080	1880	1886	1892	rVV	2429698	3845571	88.20%	4.543%
75	14.133	1893	1895	1903	rVV3	102604	144455	3.31%	0.171%
76	14.210	1904	1908	1914	rVB3	193083	326437	7.49%	0.386%
77	14.286	1914	1921	1927	rBV6	105214	274484	6.30%	0.324%
78	14.345	1927	1931	1933	rVV	200693	278803	6.39%	0.329%
79	14.392	1933	1939	1945	rVB2	1859791	2959168	67.87%	3.495%
80	14.610	1971	1976	1986	rBV	449308	819073	18.79%	0.968%
81	14.780	2001	2005	2010	rBV	168503	271694	6.23%	0.321%
82	14.898	2020	2025	2031	rVB3	236868	378858	8.69%	0.448%
83	15.121	2054	2063	2067	rVB3	78925	201773	4.63%	0.238%
84	15.274	2085	2089	2095	rBV3	97592	150681	3.46%	0.178%
85	15.386	2102	2108	2116	rBV	3116281	4360217	100.00%	5.150%
86	15.515	2125	2130	2139	rVB	516345	815857	18.71%	0.964%
87	15.633	2144	2150	2157	rVB	937041	1384814	31.76%	1.636%
88	15.851	2183	2187	2192	rVB2	78387	114754	2.63%	0.136%
89	16.115	2225	2232	2237	rBV	1055895	1589400	36.45%	1.877%
90	16.163	2237	2240	2245	rVB4	78429	121088	2.78%	0.143%
91	16.933	2366	2371	2376	rBV	301642	432637	9.92%	0.511%
92	17.139	2400	2406	2416	rBV2	2070068	2990003	68.57%	3.532%
93	17.239	2416	2423	2432	rVB	2777527	3957957	90.77%	4.675%
94	18.027	2551	2557	2568	rBV	249294	397738	9.12%	0.470%
95	19.309	2768	2775	2784	rBV2	73139	123935	2.84%	0.146%
96	19.533	2807	2813	2825	rBV	2832099	3967565	90.99%	4.687%
97	21.033	3064	3068	3076	rBV2	238630	412122	9.45%	0.487%
98	21.327	3113	3118	3125	rBV	2086675	2606007	59.77%	3.078%
99	23.450	3472	3479	3488	rVB	2326485	4346365	99.68%	5.134%
100	23.591	3497	3503	3515	rVB	1547639	2921029	66.99%	3.450%

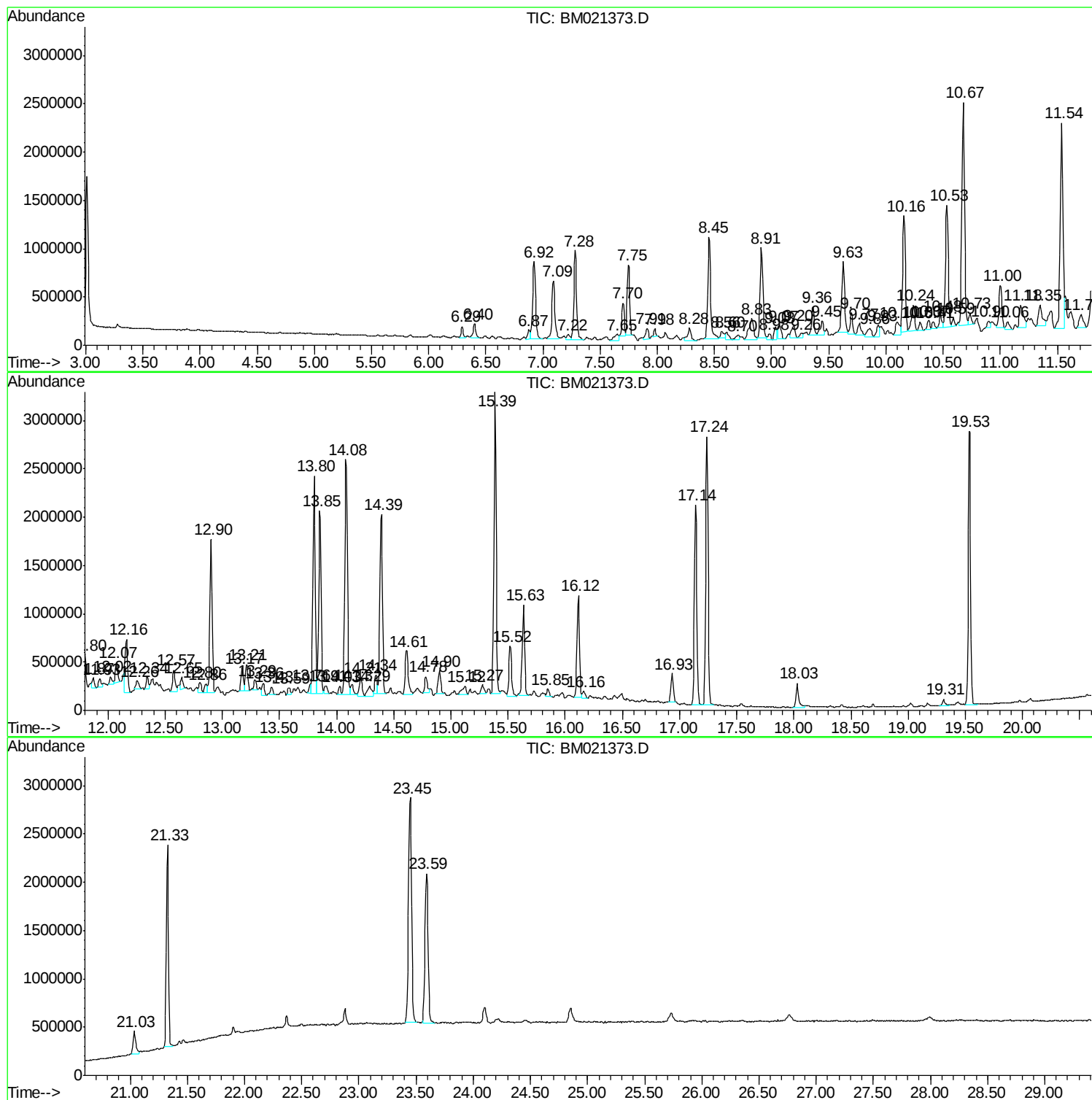
Sum of corrected areas: 84656670

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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



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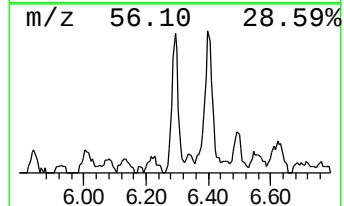
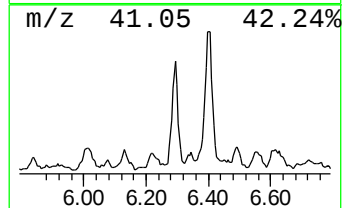
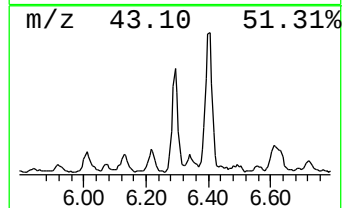
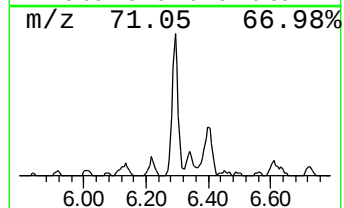
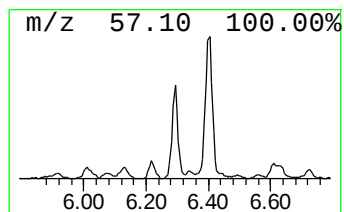
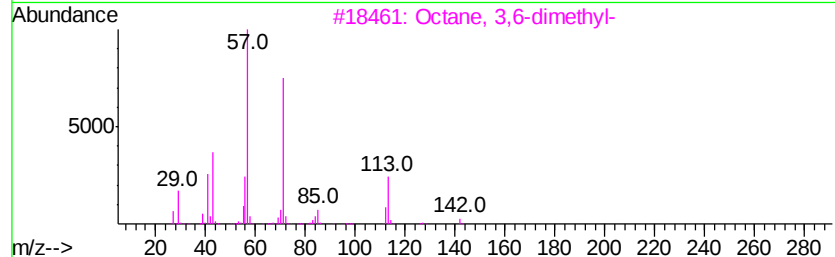
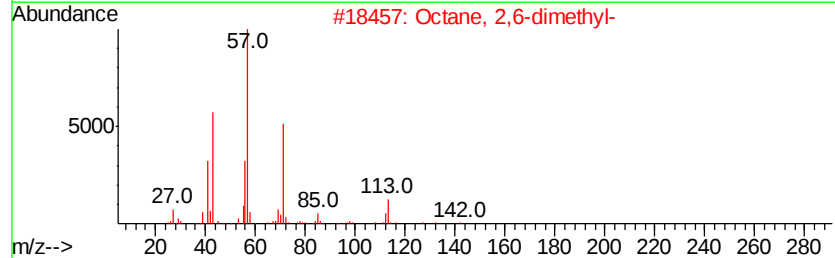
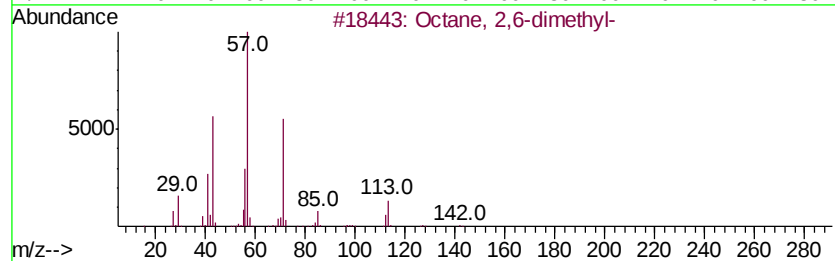
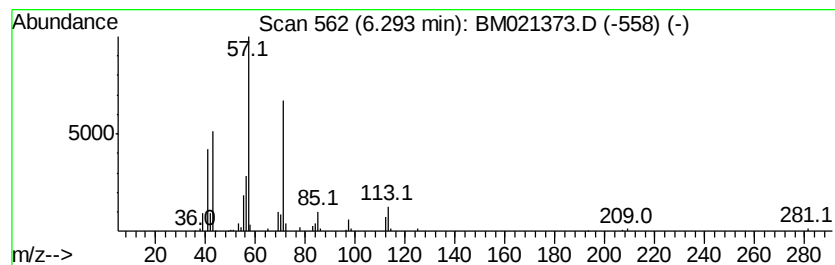
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	2.82 ng/ul	155096	1,4-Dichlorobenzene-d4	7.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	72



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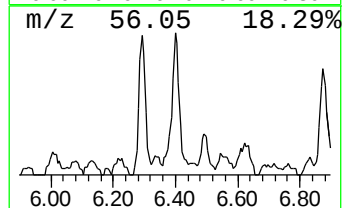
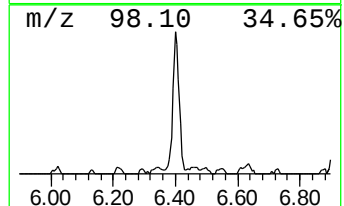
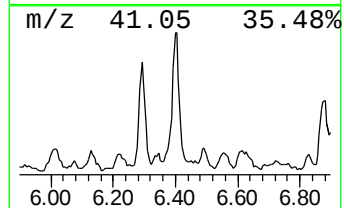
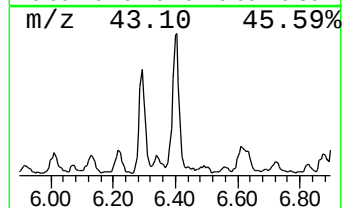
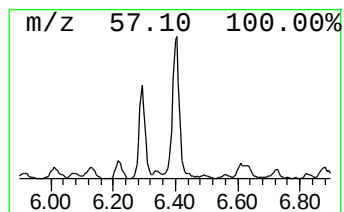
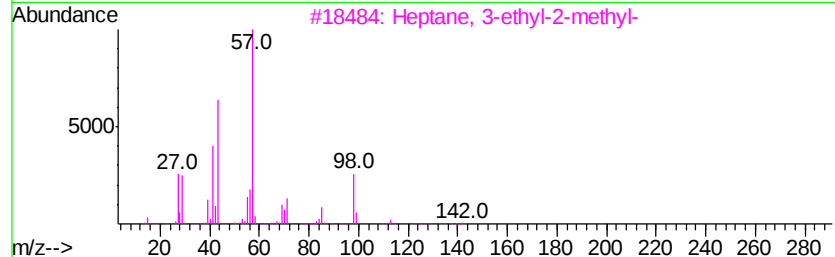
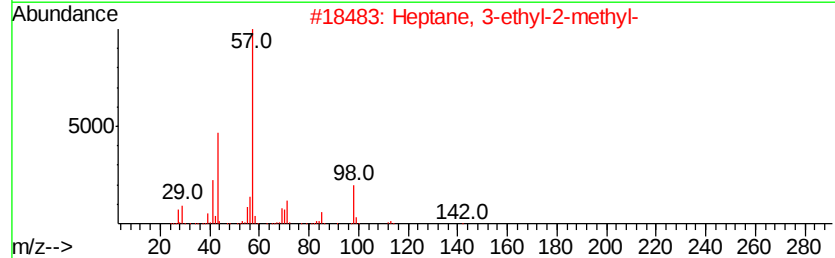
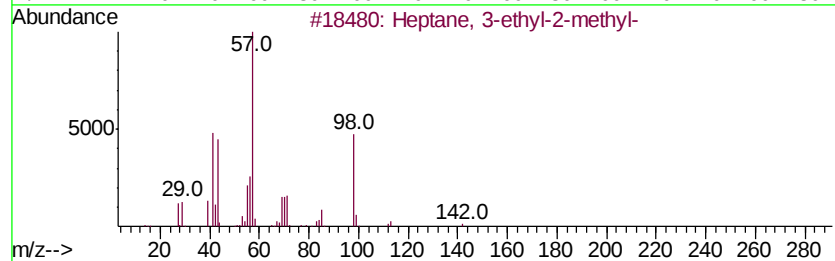
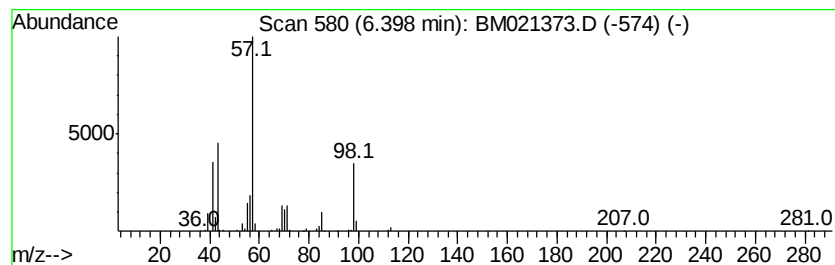
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	4.32 ng/ul	237398	1,4-Dichlorobenzene-d4	7.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	86
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	83
3		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	78
4		Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	72
5		Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	64



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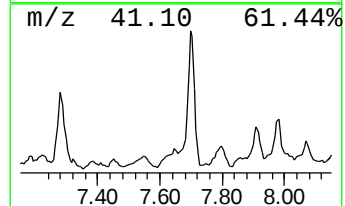
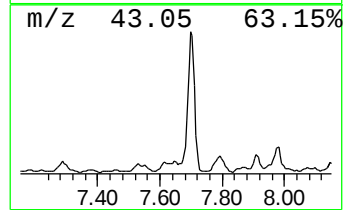
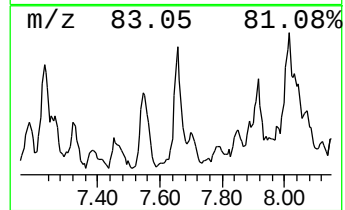
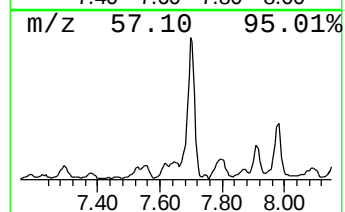
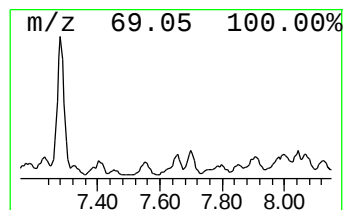
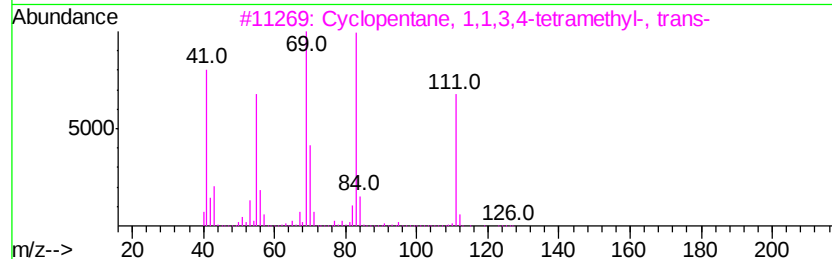
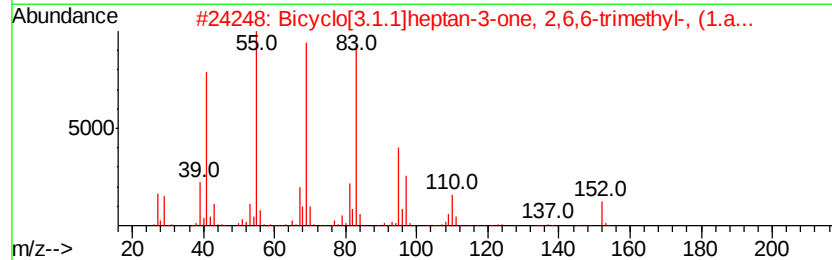
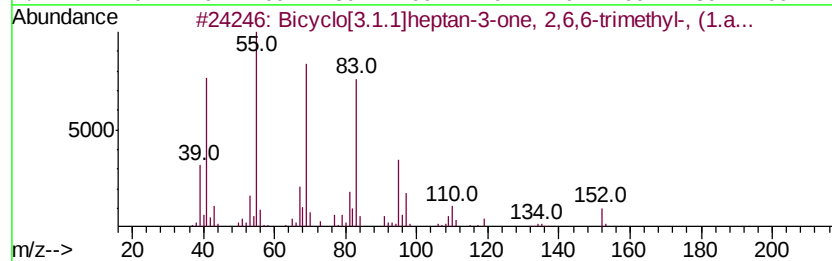
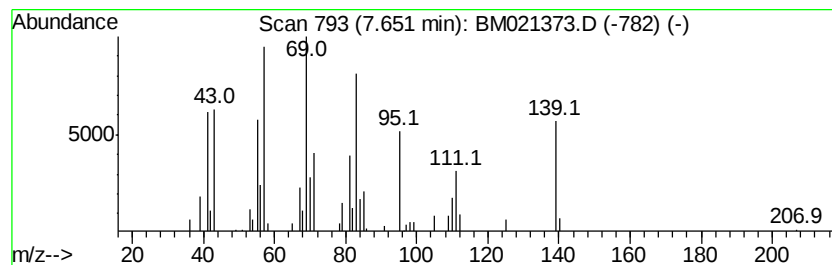
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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	3.25 ng/ul	178516	1,4-Dichlorobenzene-d4	7.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	47
2			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	47
3			Cyclopentane, 1,1,3,4-tetramethyl...	126	C9H18	020309-77-7	38
4			Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	35
5			2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	35



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Acq On : 03 Jul 2019 19:29
Operator : HP/JU
Sample : K3596-05
Misc :
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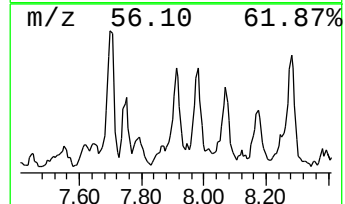
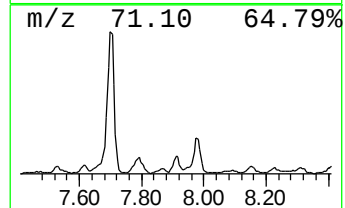
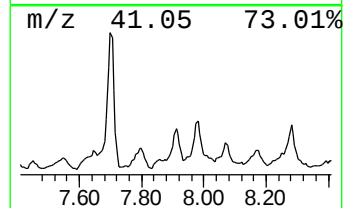
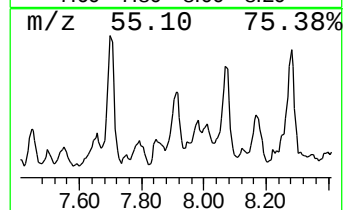
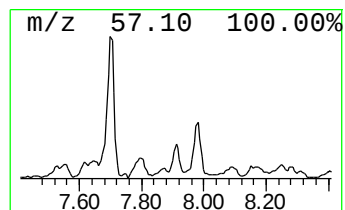
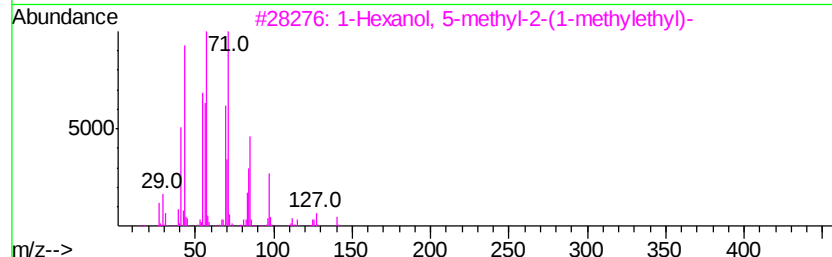
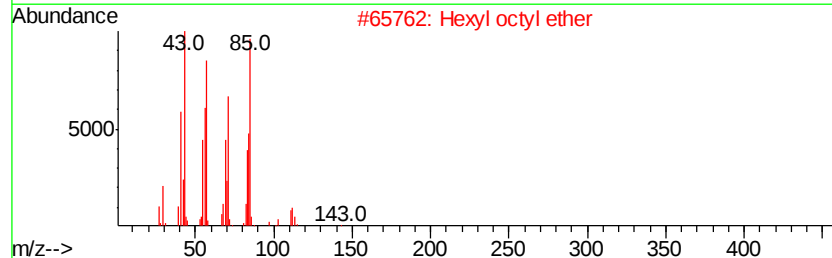
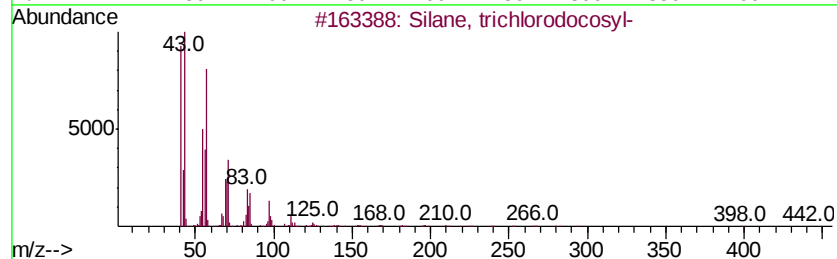
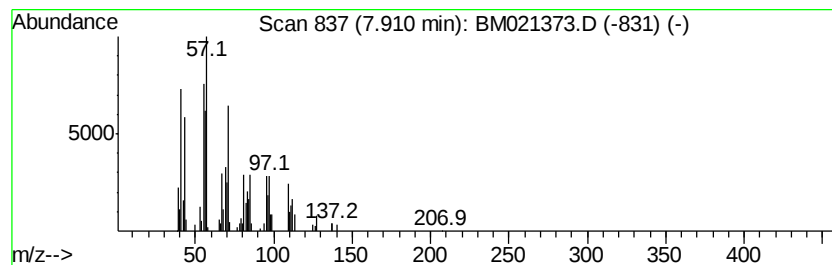
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Silane, trichlorodocosyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.91	3.34 ng/ul	183686	1,4-Dichlorobenzene-d4	7.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	58
2		Hexyl octyl ether	214	C14H30O	017071-54-4	38
3		1-Hexanol, 5-methyl-2-(1-methyle...	158	C10H22O	002051-33-4	35
4		2-Undecene, 6-methyl-, (Z)-	168	C12H24	074630-43-6	27
5		Cyclooctane, 1,5-dimethyl-	140	C10H20	021328-57-4	25



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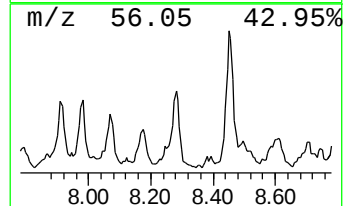
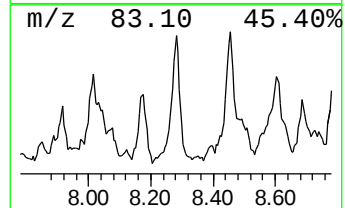
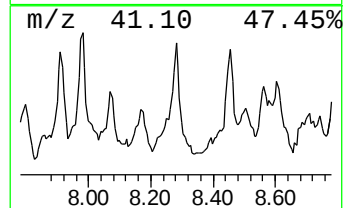
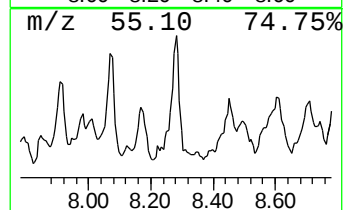
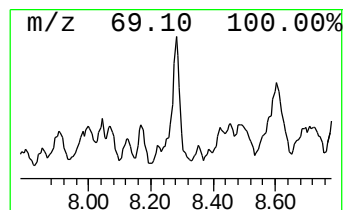
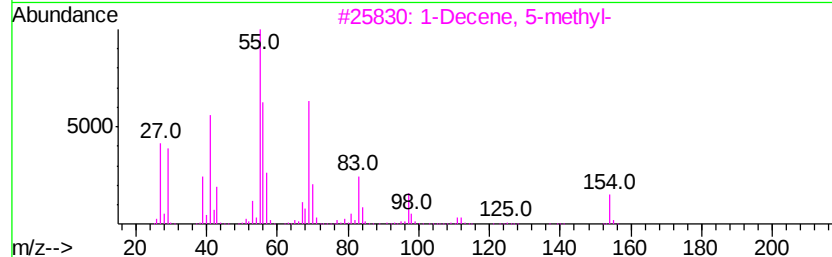
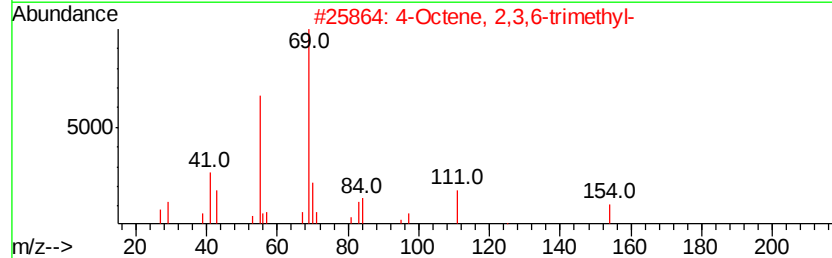
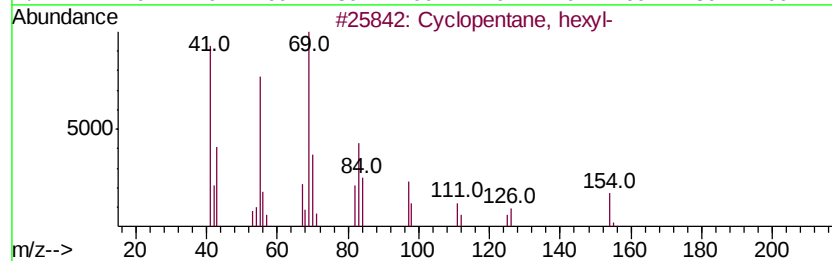
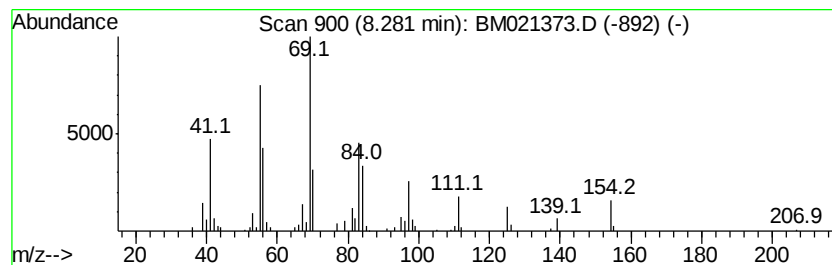
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic8.28 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	5.23 ng/ul	287367	1,4-Dichlorobenzene-d4	7.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, hexyl-	154	C11H22	004457-00-5	72
2		4-Octene, 2,3,6-trimethyl-	154	C11H22	063830-65-9	49
3		1-Decene, 5-methyl-	154	C11H22	054244-79-0	47
4		3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	47
5		5-Undecene, 7-methyl-, (E)-	168	C12H24	074630-66-3	47



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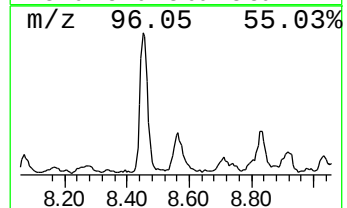
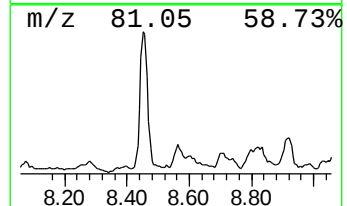
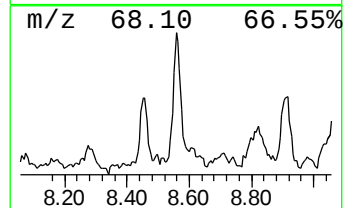
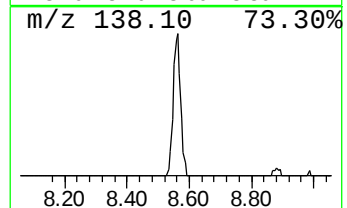
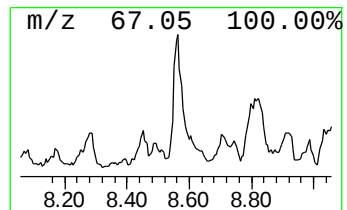
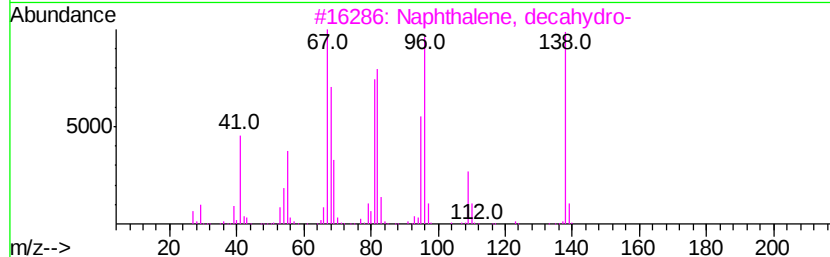
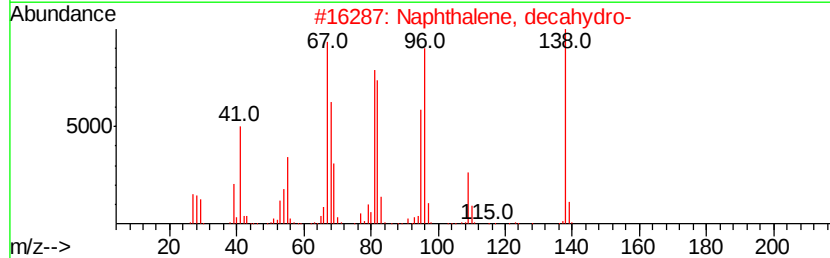
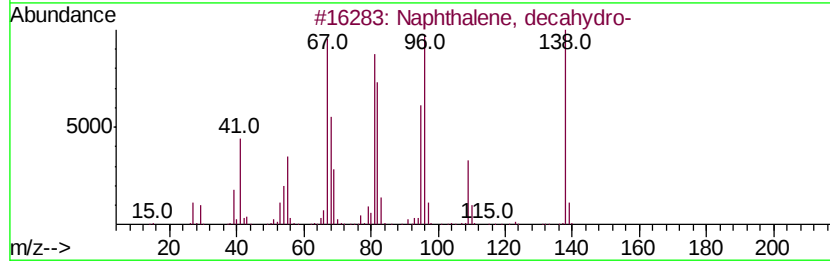
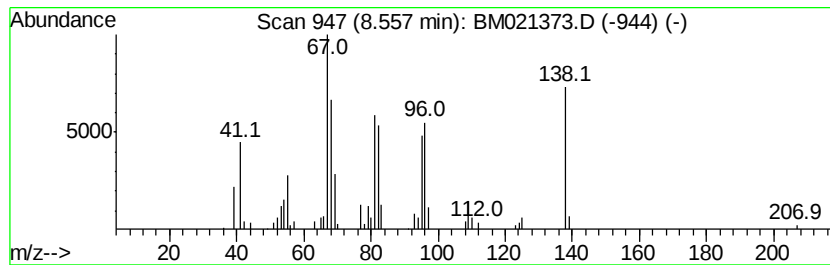
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Naphthalene, decahydro- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	2.70 ng/ul	148171	1,4-Dichlorobenzene-d4	7.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-	138	C10H18	000091-17-8	96
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	96
3		Naphthalene, decahydro-	138	C10H18	000091-17-8	96
4		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
5		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	90



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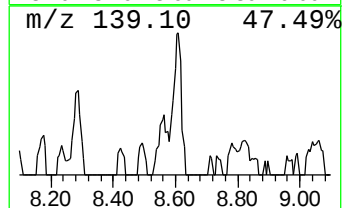
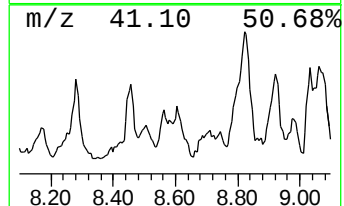
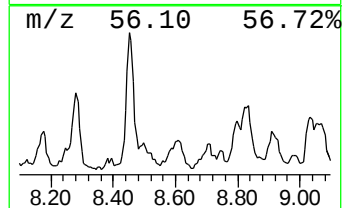
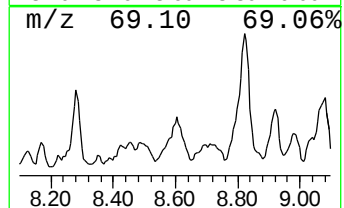
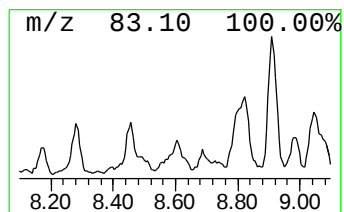
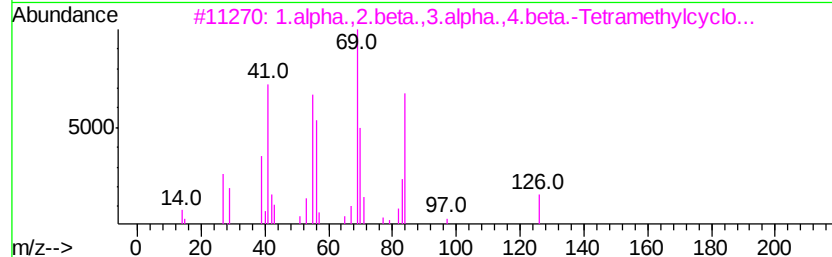
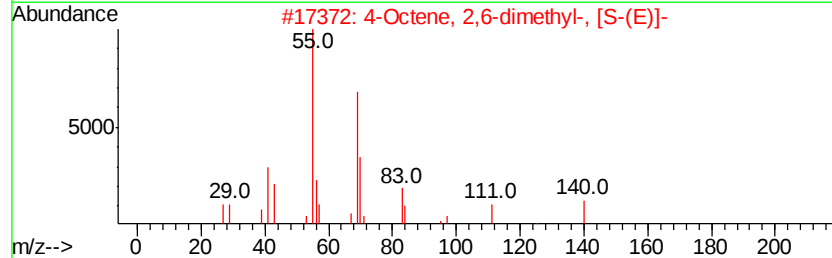
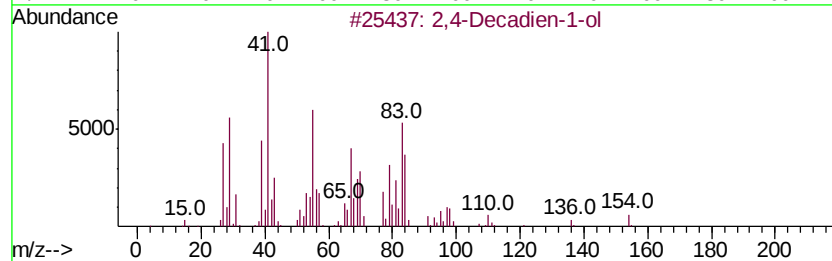
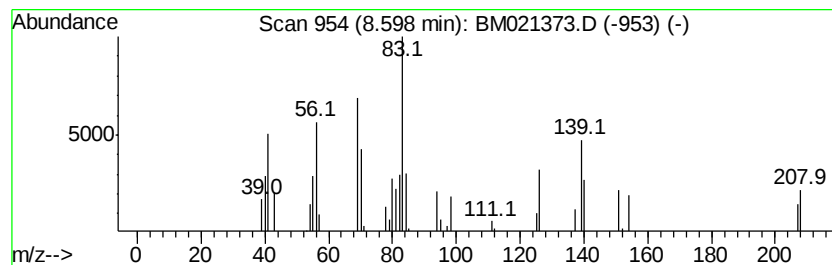
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-02 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	2.73 ng/ul	150319	1,4-Dichlorobenzene-d4	7.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4-Decadien-1-ol	154	C10H18O	014507-02-9	43
2		4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	38
3		1.alpha.,2.beta.,3.alpha.,4.beta...	126	C9H18	002532-67-4	38
4		Cyclopentane, hexyl-	154	C11H22	004457-00-5	38
5		4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
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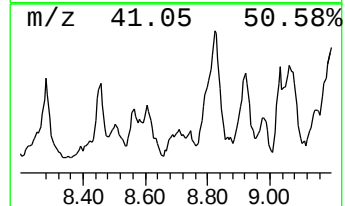
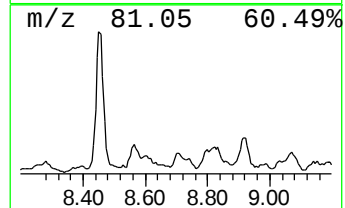
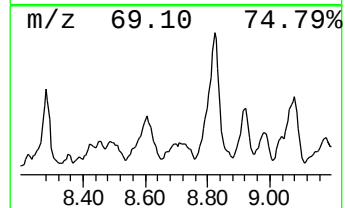
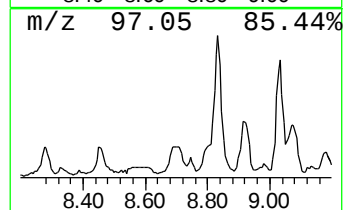
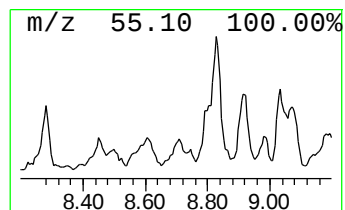
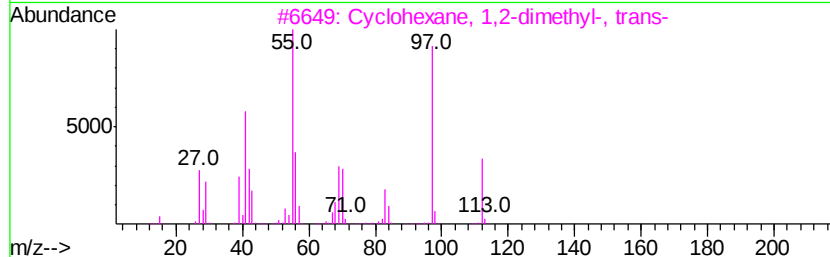
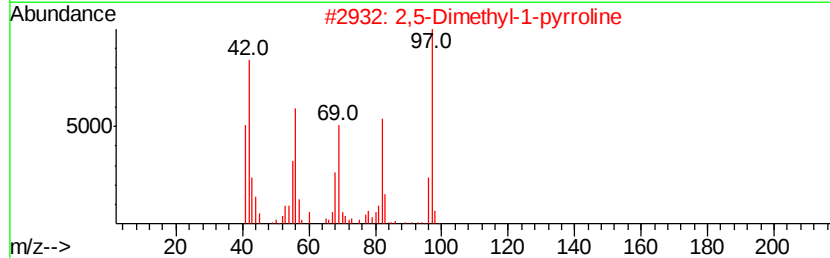
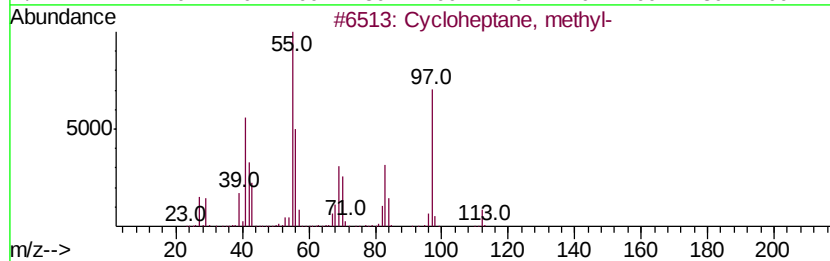
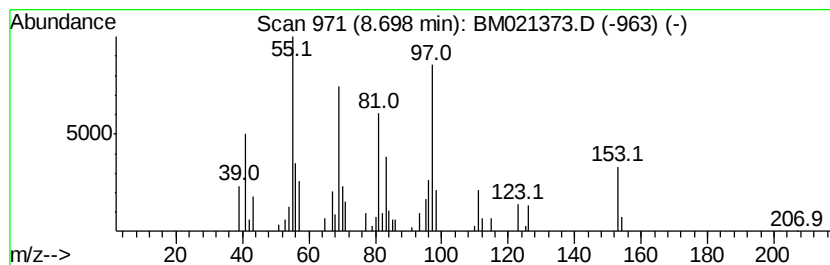
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Cyclic8.70 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	2.13 ng/ul	117001	1,4-Dichlorobenzene-d4	7.75
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cycloheptane, methyl-	112 C8H16	004126-78-7 53
2		2,5-Dimethyl-1-pyrroline	97 C6H11N	000822-64-0 49
3		Cyclohexane, 1,2-dimethyl-, trans-	112 C8H16	006876-23-9 47
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126 C9H18	004926-78-7 46
5		Cyclohexanone, 3-butyl-	154 C10H18O	039178-69-3 43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
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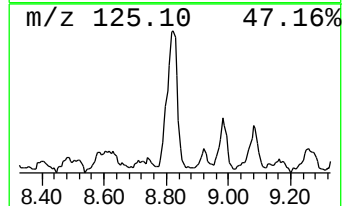
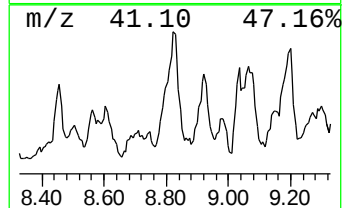
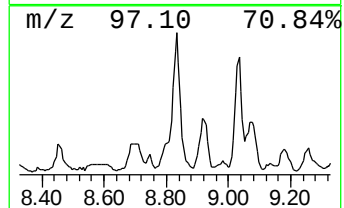
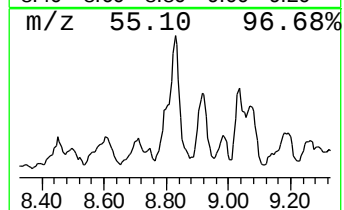
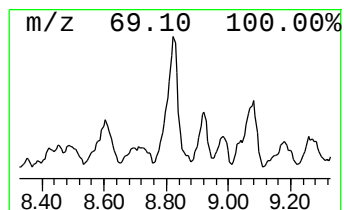
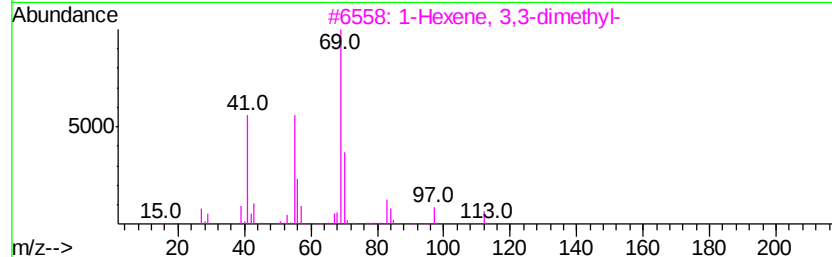
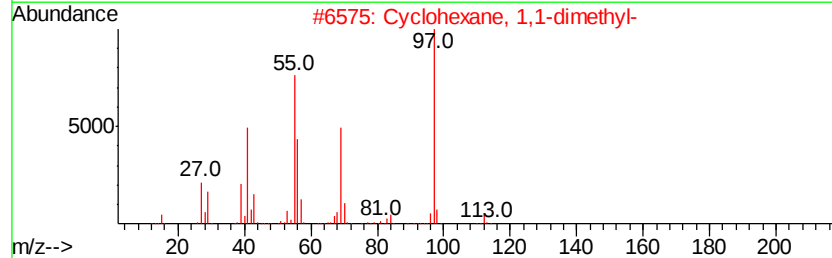
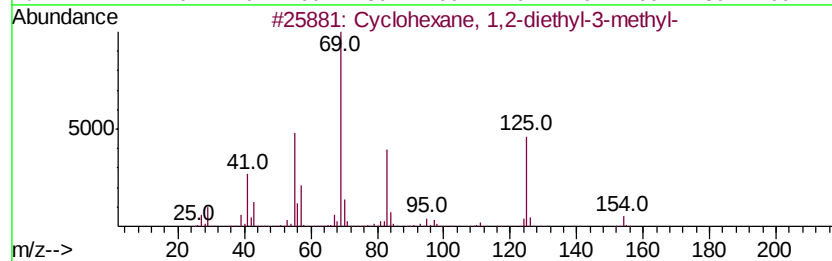
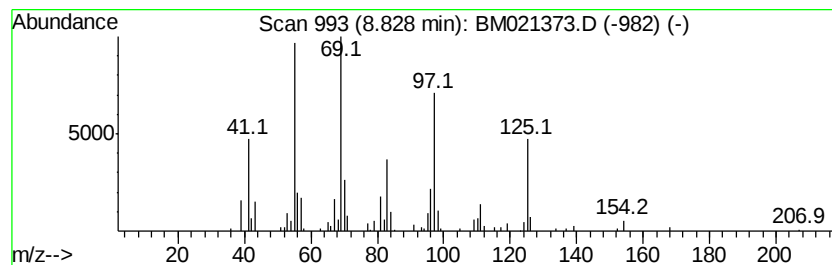
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Cyclic8.83 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	11.23 ng/ul	617187	1,4-Dichlorobenzene-d4	7.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	52
2		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	47
3		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	38
4		(E)-3-Methyl-2-hexene	98	C7H14	020710-38-7	38
5		Cyclopropane, 1-ethyl-2-heptyl-	168	C12H24	074663-86-8	38



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Data File : BM021373.D
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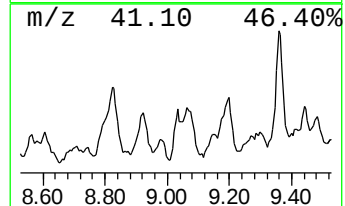
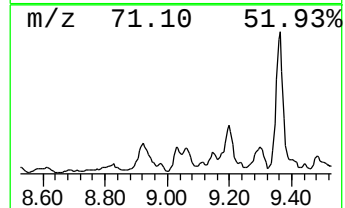
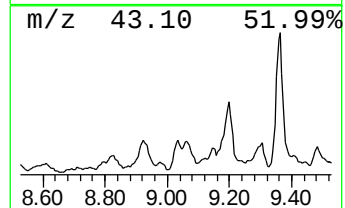
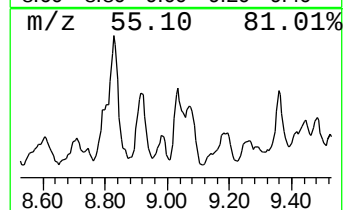
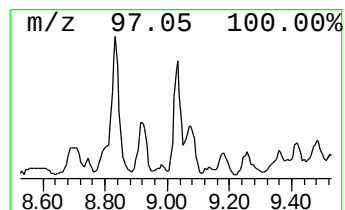
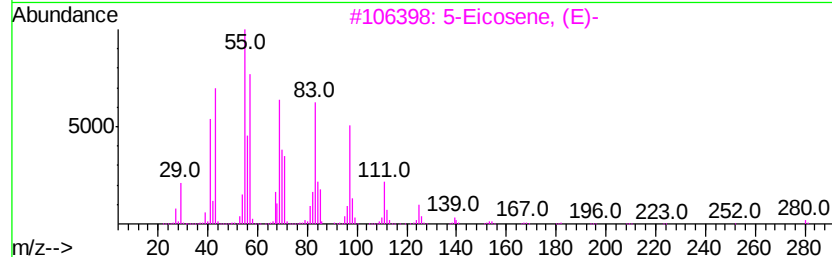
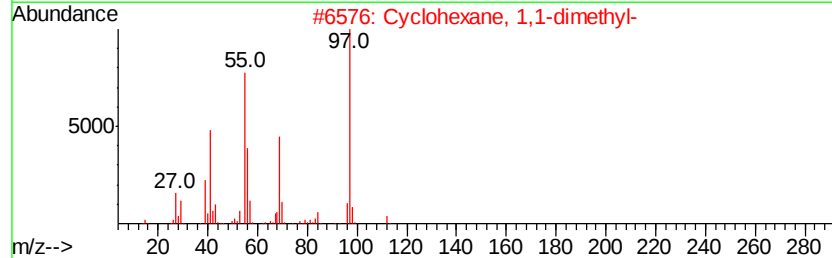
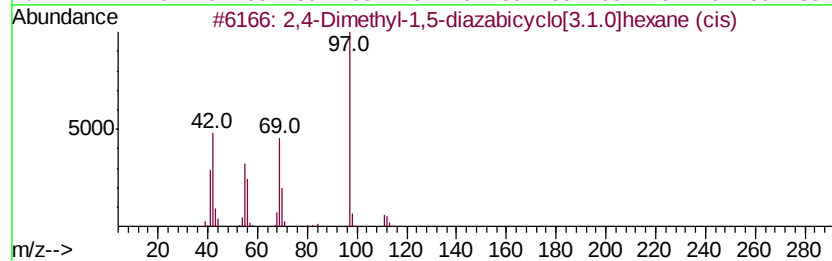
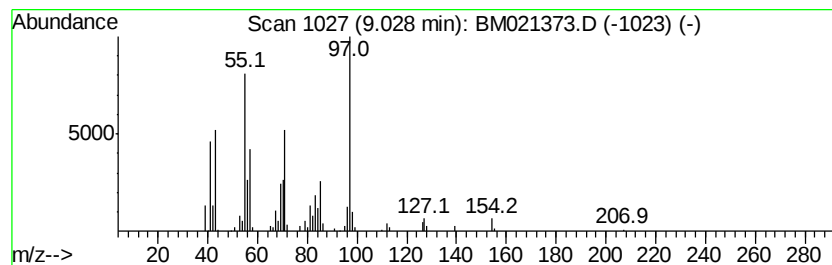
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 unknown-03 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	3.77 ng/ul	207085	1,4-Dichlorobenzene-d4	7.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4-Dimethyl-1,5-diazabicyclo[3.1.0]hexane (cis)	112	C6H12N2	100463-01-2	46
2		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	38
3		5-Eicosene, (E)-	280	C20H40	074685-30-6	38
4		Cyclododecane	168	C12H24	000294-62-2	30
5		Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021373.D
Acq On : 03 Jul 2019 19:29
Operator : HP/JU
Sample : K3596-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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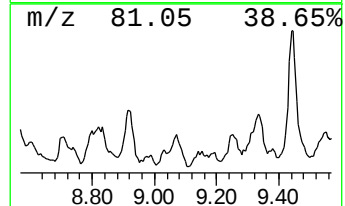
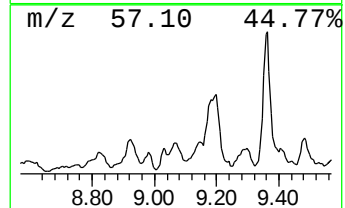
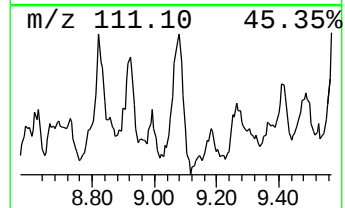
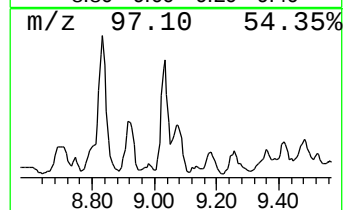
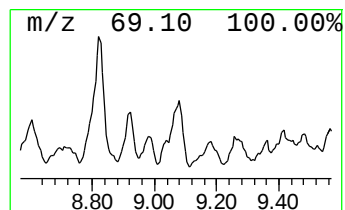
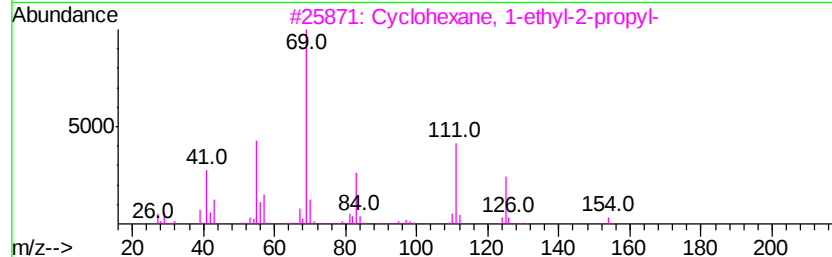
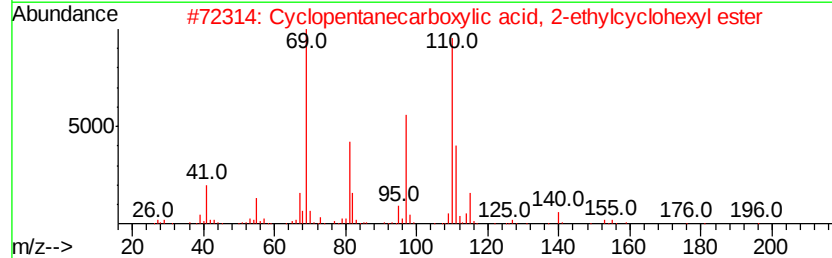
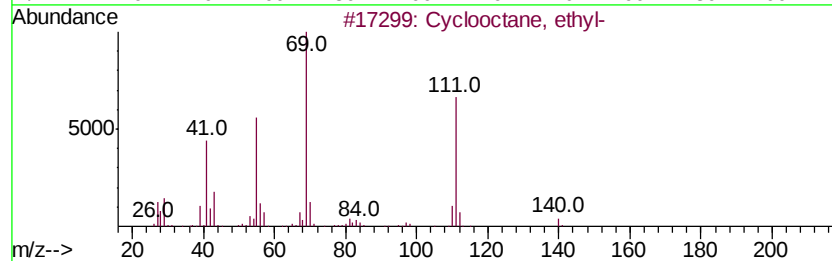
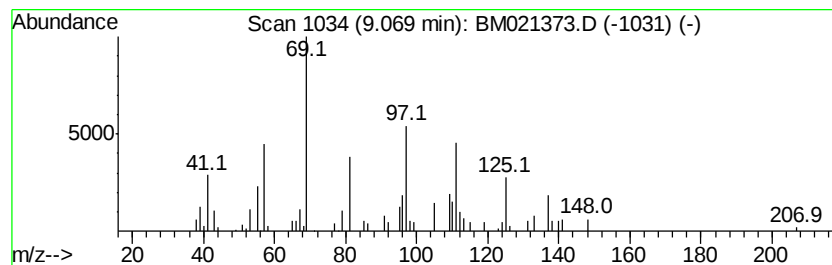
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Cyclic9.07 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	4.87 ng/ul	267759	1,4-Dichlorobenzene-d4	7.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclooctane, ethyl-	140	C10H20	013152-02-8	43
2		Cyclopentanecarboxylic acid, 2-ethyl-	224	C14H24O2	1000282-59-1	42
3		Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	38
4		2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	37
5		Cyclooctyl bromide	190	C8H15Br	001556-09-8	37



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021373.D
Acq On : 03 Jul 2019 19:29
Operator : HP/JU
Sample : K3596-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
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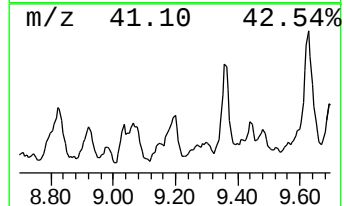
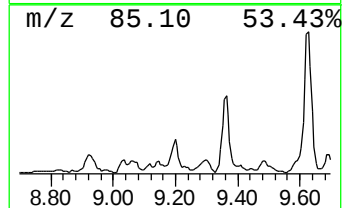
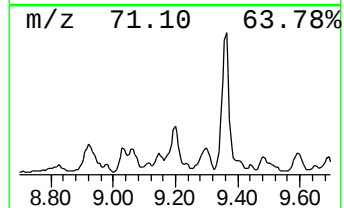
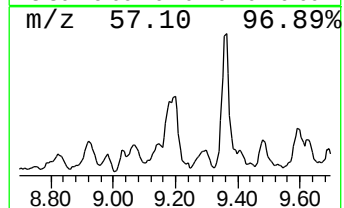
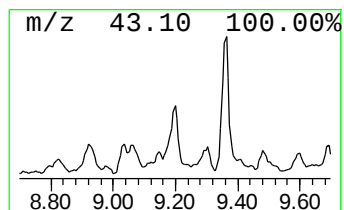
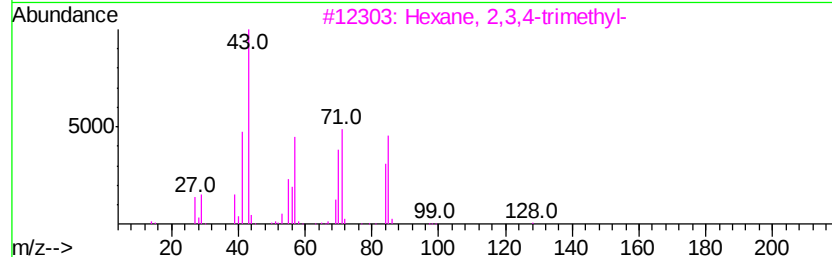
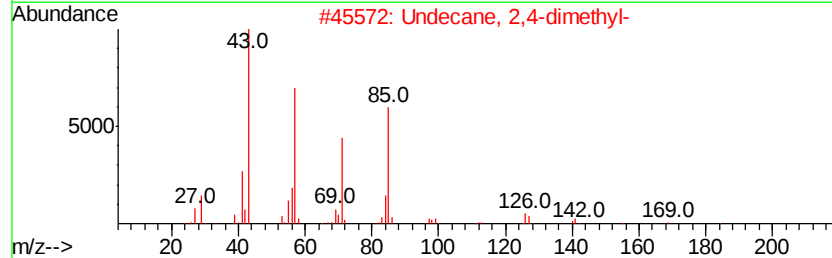
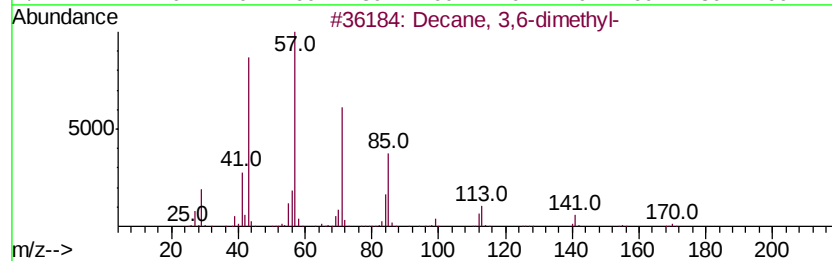
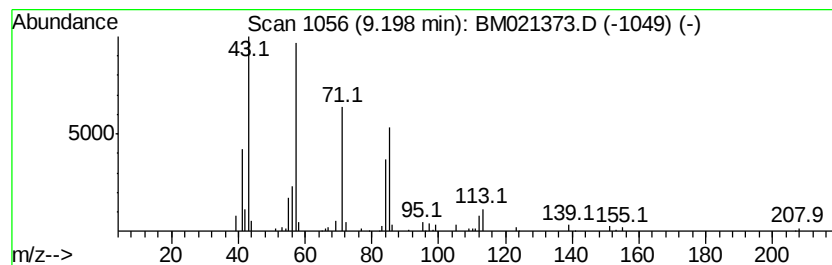
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	2.82 ng/ul	294544	Napthalene-d8	10.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	72
2		Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	64
3		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
4		Octyl thio glycolate	204	C10H20O2S	007664-80-4	53
5		Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021373.D
Acq On : 03 Jul 2019 19:29
Operator : HP/JU
Sample : K3596-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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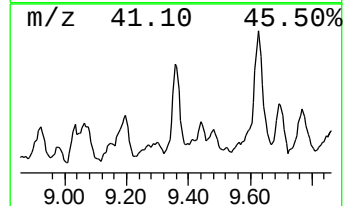
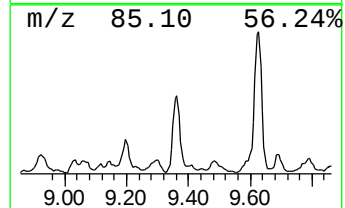
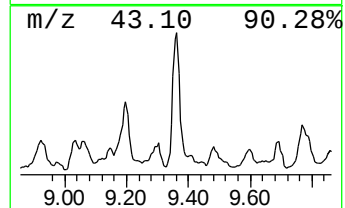
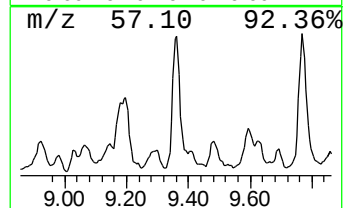
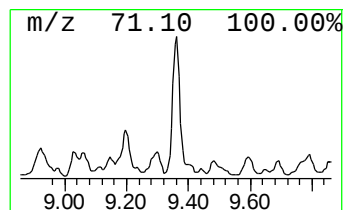
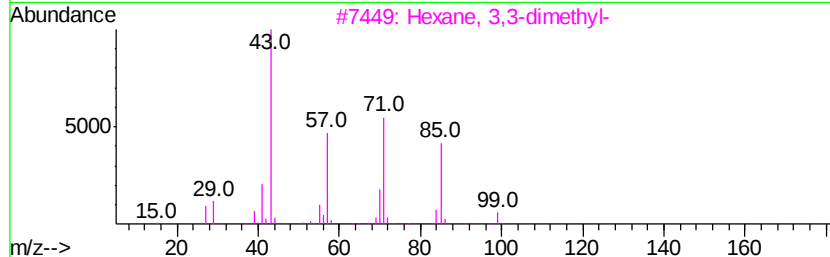
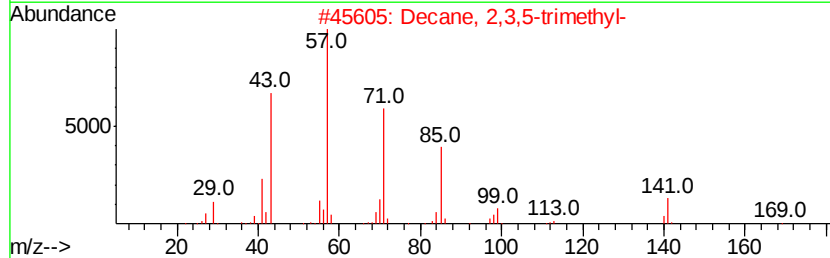
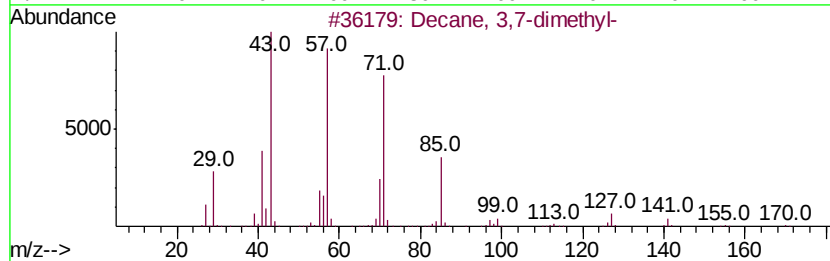
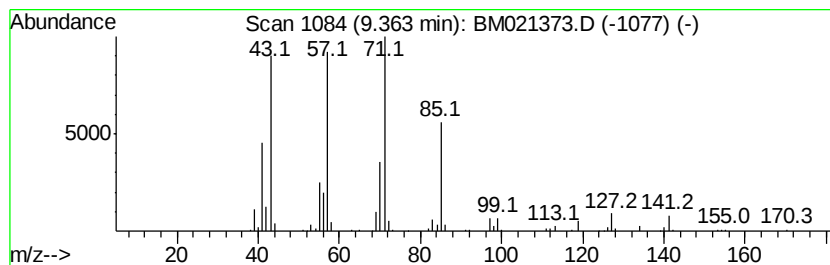
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	4.30 ng/ul	449037	Naphthalene-d8	10.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	87
2			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	59
3			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
4			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	59
5			Nonane, 1-iodo-	254	C9H19I	004282-42-2	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021373.D
Acq On : 03 Jul 2019 19:29
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Sample : K3596-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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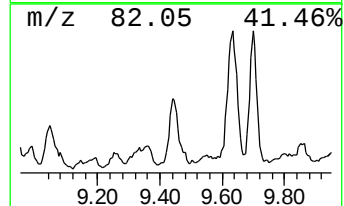
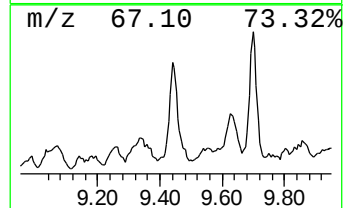
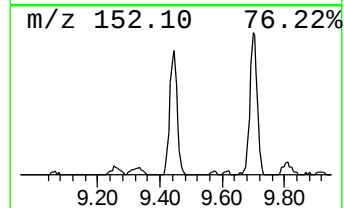
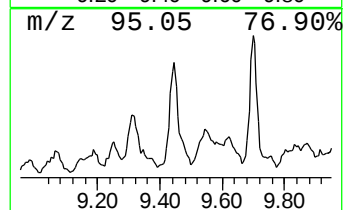
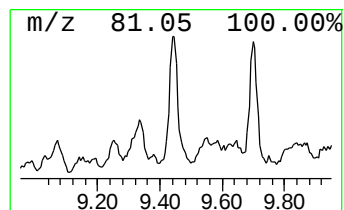
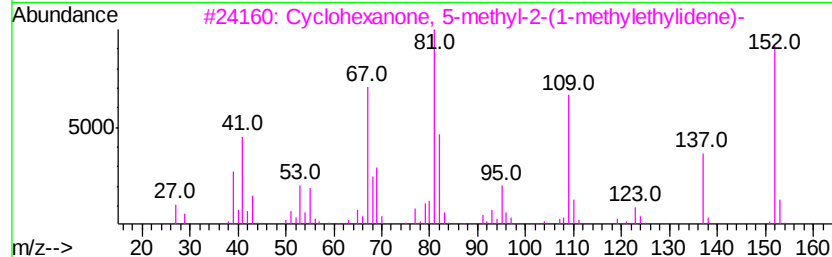
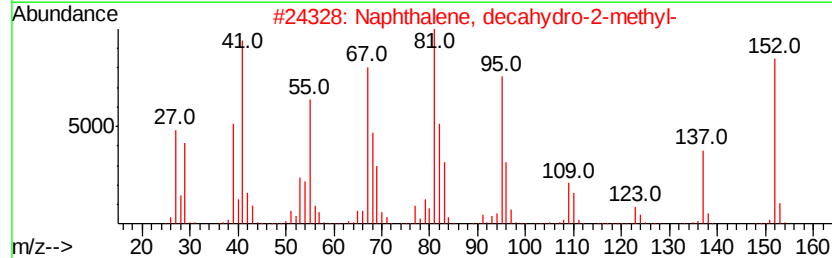
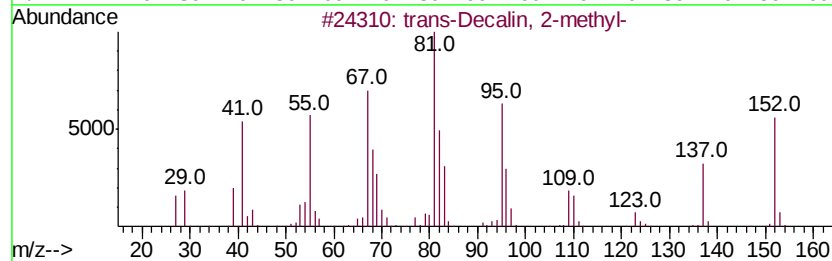
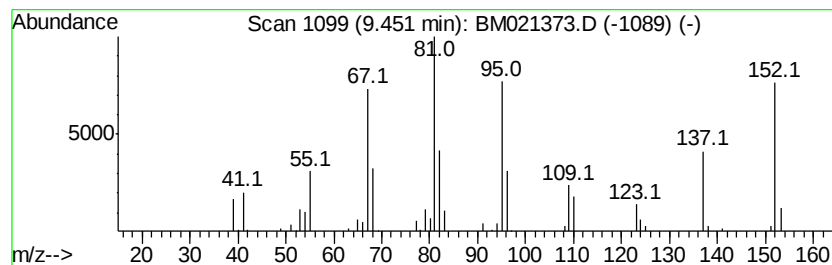
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 trans-Decalin, 2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	2.90 ng/ul	302914	Naphthalene-d8	10.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
3		Cyclohexanone, 5-methyl-2-(1-methyl-2-propenyl)-	152	C10H16O	015932-80-6	89
4		trans-4a-Methyl-decahydronaphthalene	152	C11H20	002547-27-5	70
5		Pulegone	152	C10H16O	000089-82-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021373.D
Acq On : 03 Jul 2019 19:29
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Sample : K3596-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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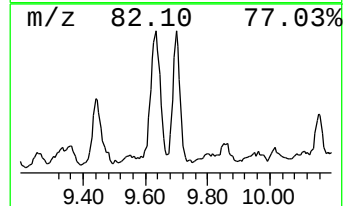
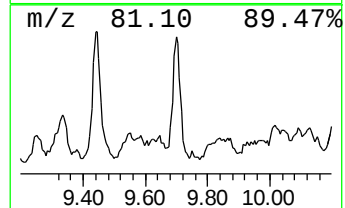
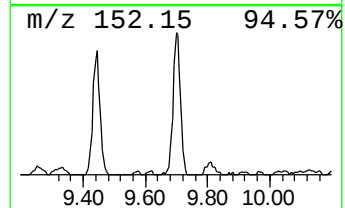
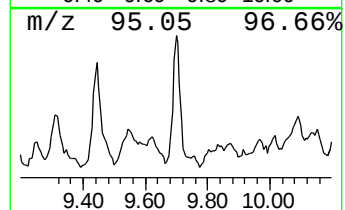
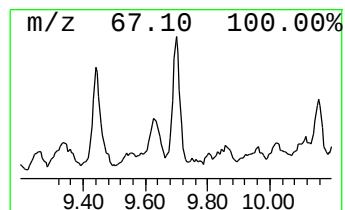
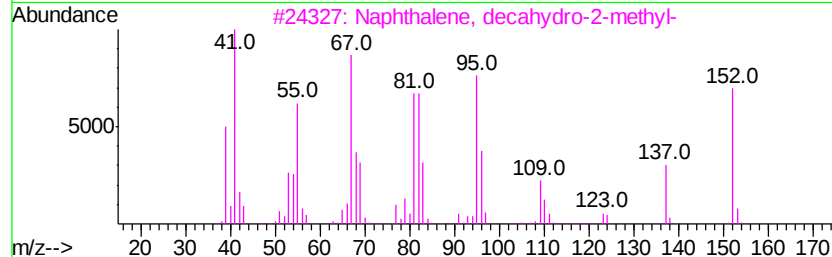
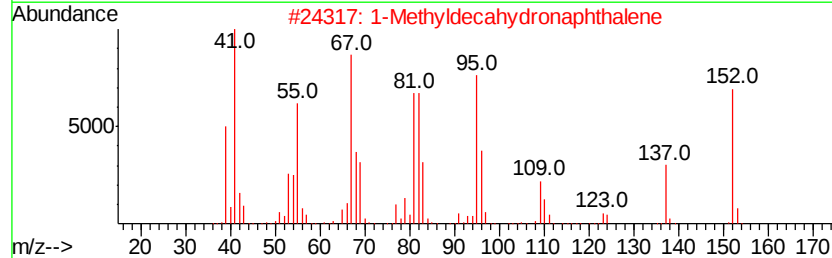
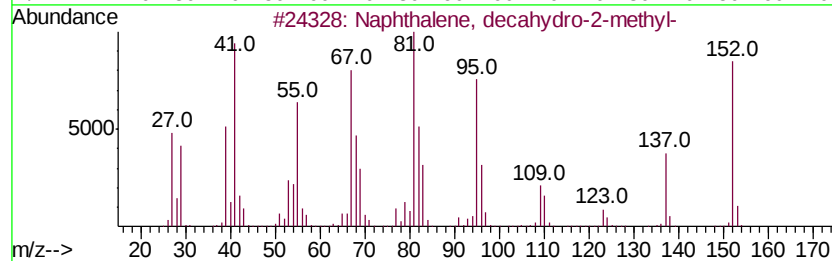
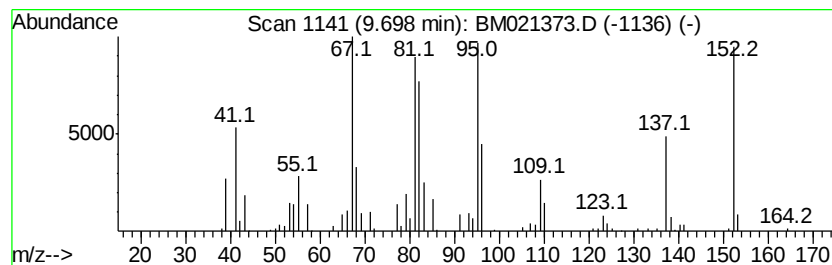
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Naphthalene, decahydro-2-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	3.45 ng/ul	360697	Naphthalene-d8	10.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
2			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	92
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	92
4			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	76
5			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021373.D
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ALS Vial : 14 Sample Multiplier: 1

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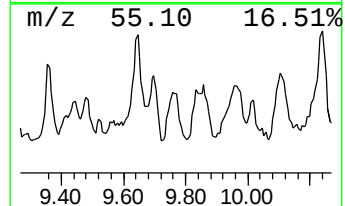
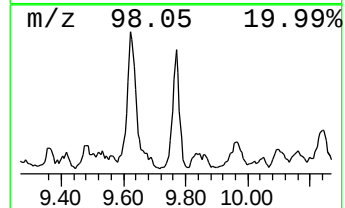
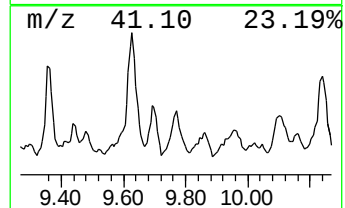
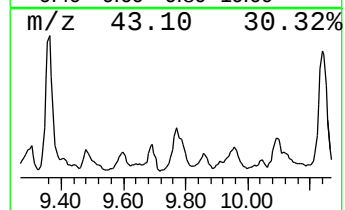
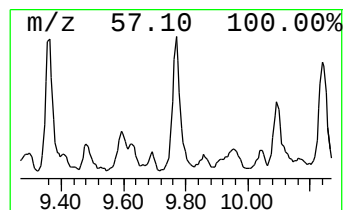
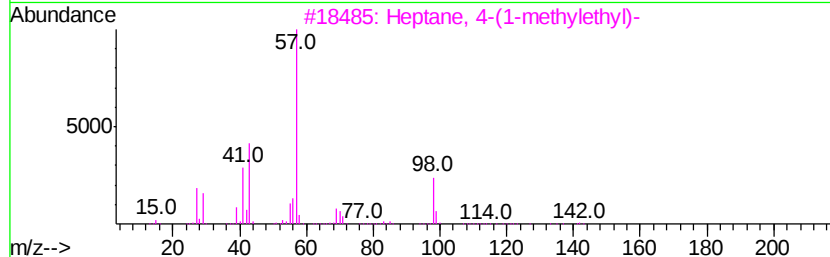
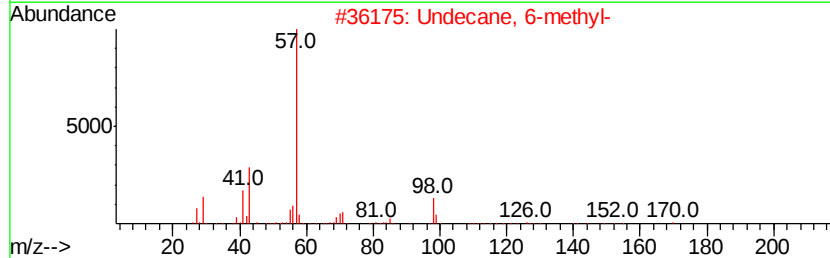
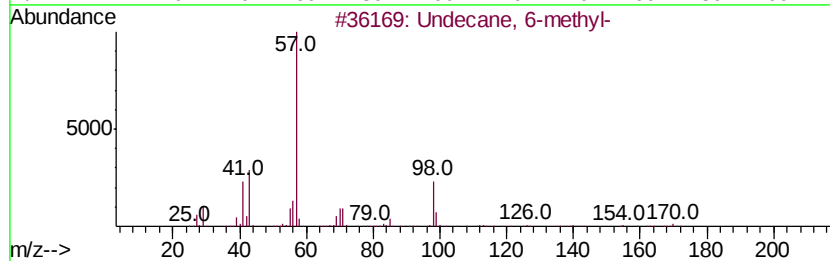
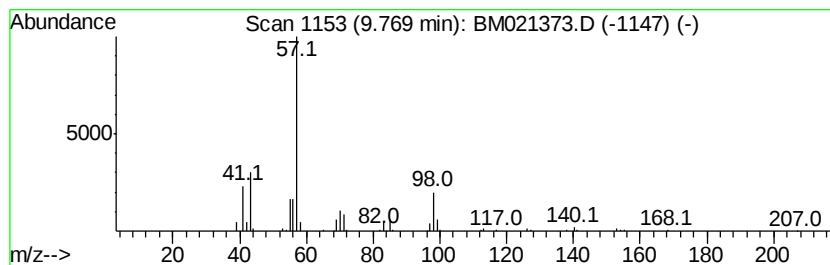
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	2.44 ng/ul	254608	Naphthalene-d8	10.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 6-methyl-	170	C12H26	017302-33-9	72
2		Undecane, 6-methyl-	170	C12H26	017302-33-9	64
3		Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	64
4		Heptane, 4-propyl-	142	C10H22	003178-29-8	59
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	56



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021373.D
Acq On : 03 Jul 2019 19:29
Operator : HP/JU
Sample : K3596-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLJF9

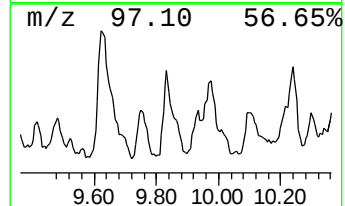
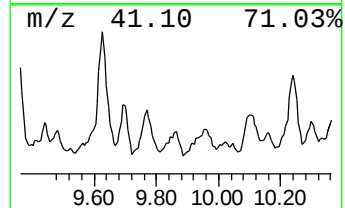
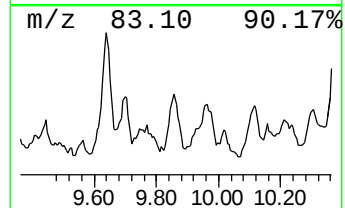
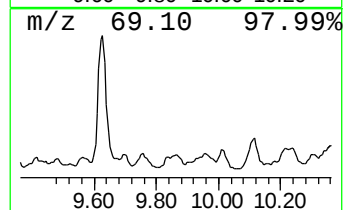
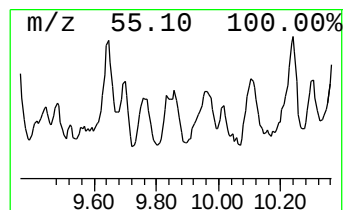
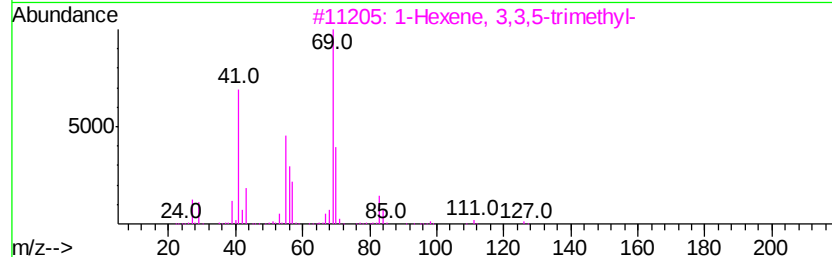
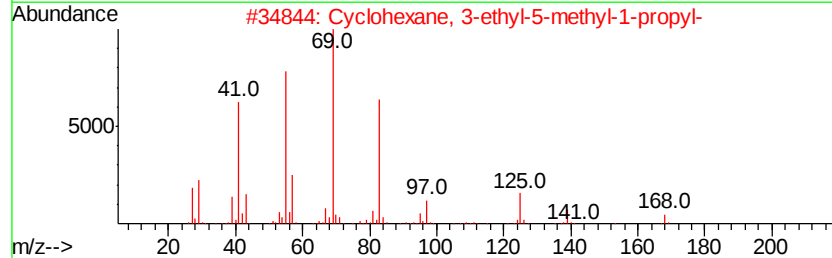
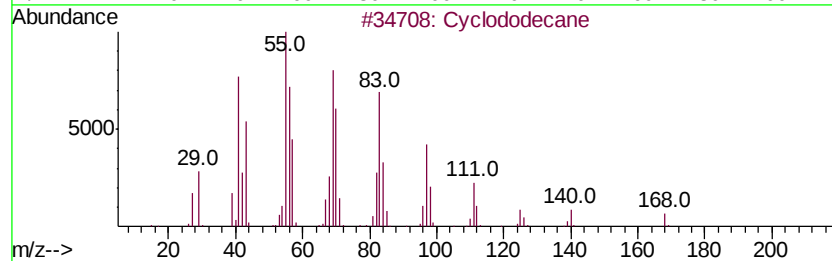
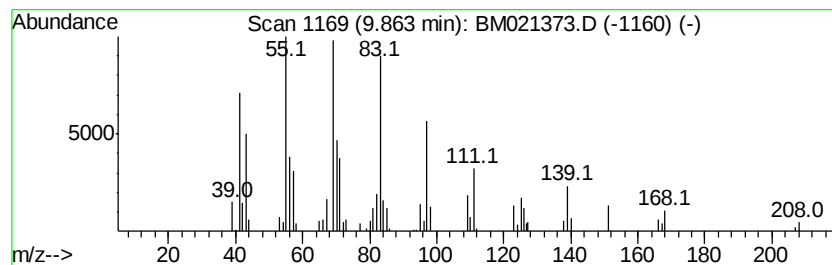
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Cyclic9.86 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	2.27 ng/ul	236695	Napthalene-d8	10.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclododecane	168	C12H24	000294-62-2	58
2		Cyclohexane, 3-ethyl-5-methyl-1-...	168	C12H24	1000151-39-5	49
3		1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	43
4		Cyclohexane, 2-propyl-1,1,3-trim...	168	C12H24	081983-70-2	43
5		Cyclohexane, 1,5-diethyl-2,3-dim...	168	C12H24	074663-66-4	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021373.D
Acq On : 03 Jul 2019 19:29
Operator : HP/JU
Sample : K3596-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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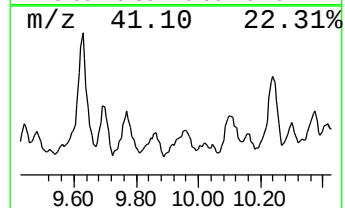
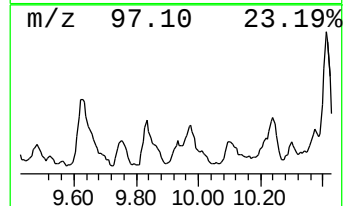
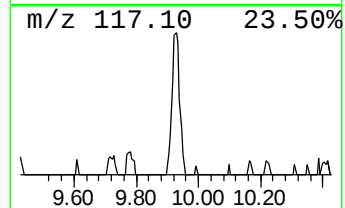
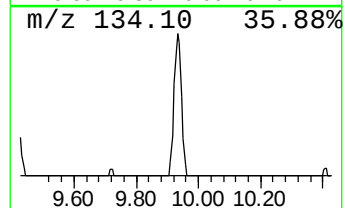
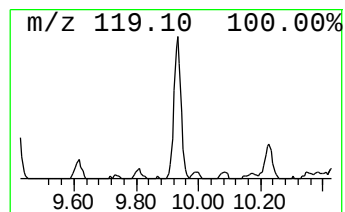
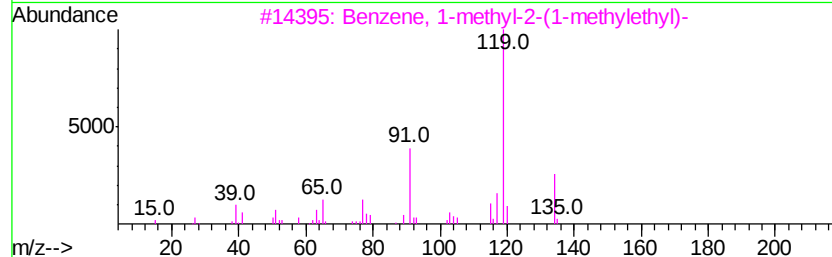
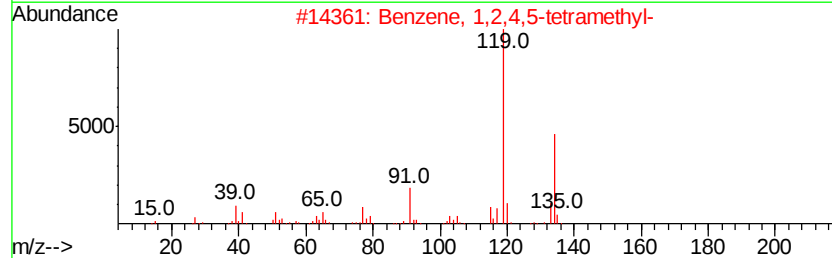
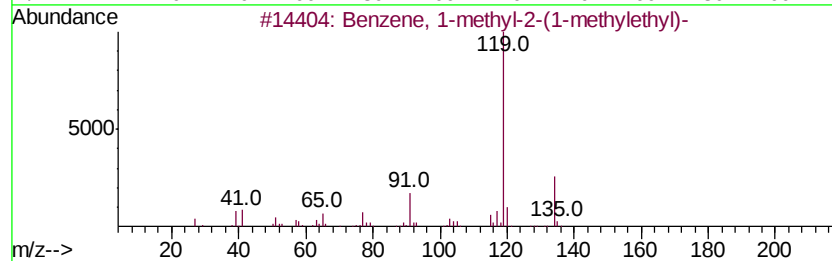
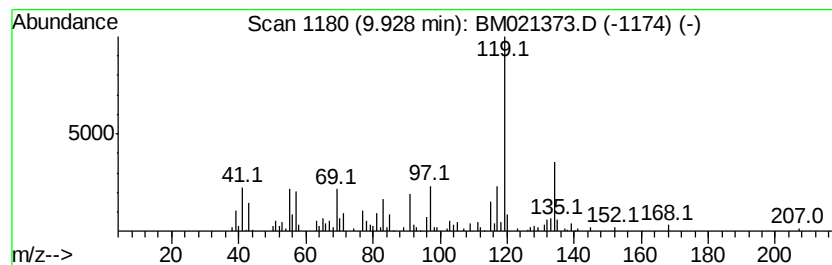
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Benzene, 1-methyl-2-(1-meth... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	2.17 ng/ul	226443	Naphthalene-d8	10.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(1-methylethyl)-	134	C10H14	000527-84-4	92
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	92
3		Benzene, 1-methyl-2-(1-methylethyl)-	134	C10H14	000527-84-4	89
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021373.D
Acq On : 03 Jul 2019 19:29
Operator : HP/JU
Sample : K3596-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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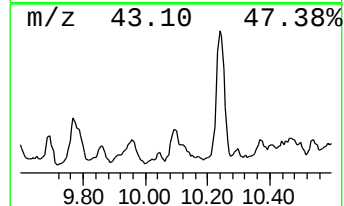
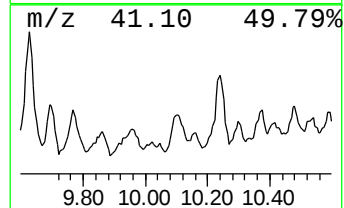
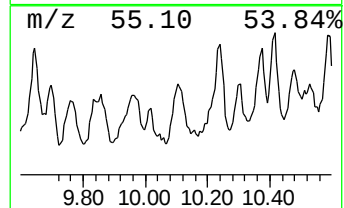
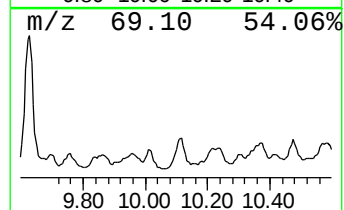
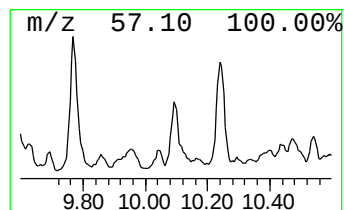
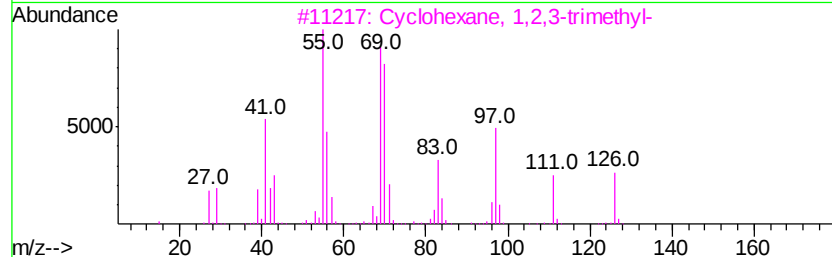
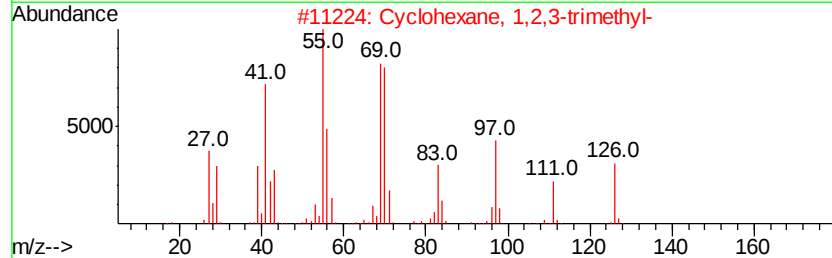
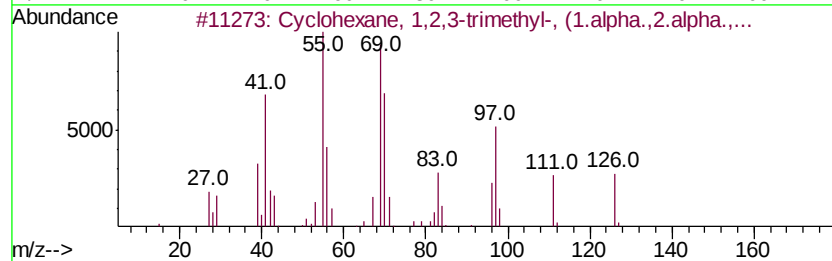
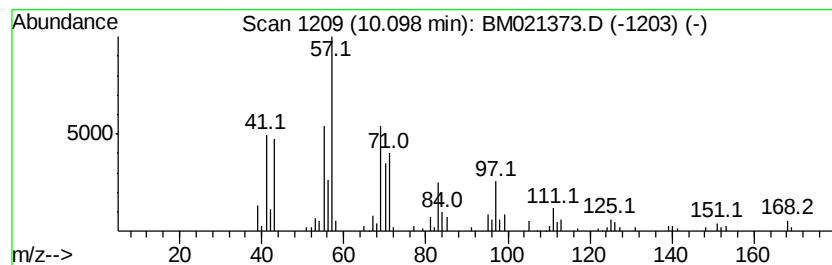
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 (DEL) Alkane: Cyclic10.10 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	3.29 ng/ul	343477	Naphthalene-d8	10.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	007667-55-2	55
2		Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	55
3		Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	55
4		5-Eicosene, (E)-	280	C20H40	074685-30-6	49
5		1-Octadecene	252	C18H36	000112-88-9	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021373.D
Acq On : 03 Jul 2019 19:29
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Sample : K3596-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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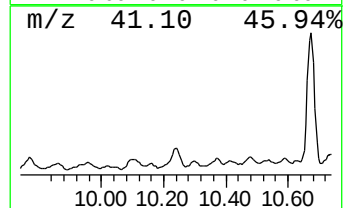
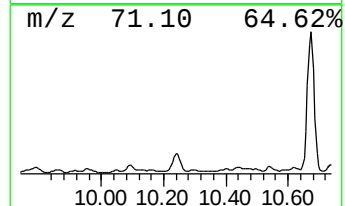
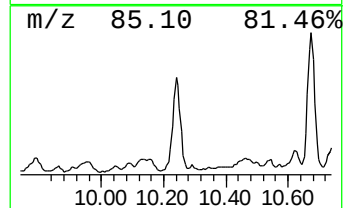
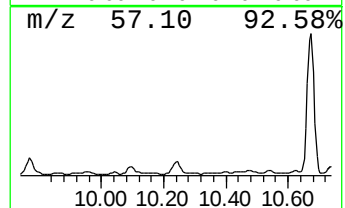
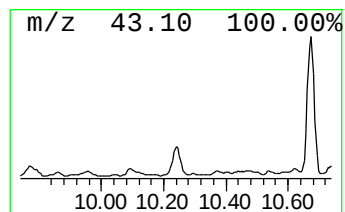
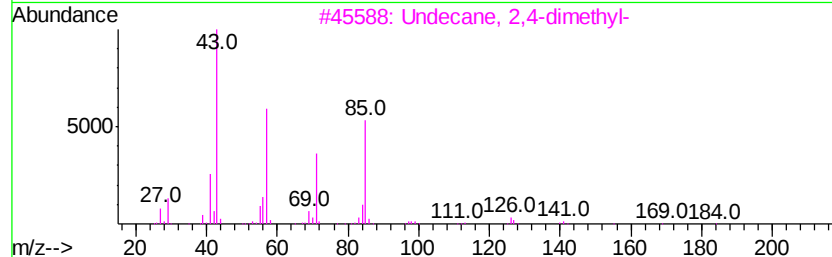
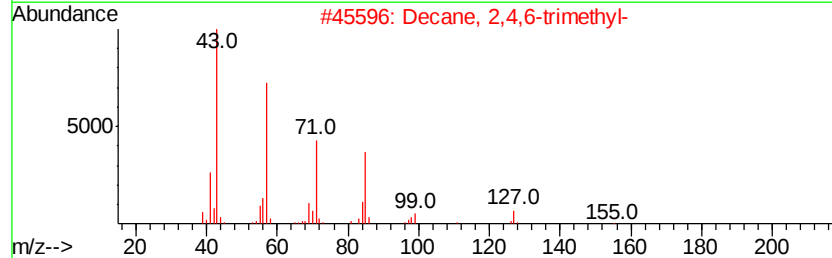
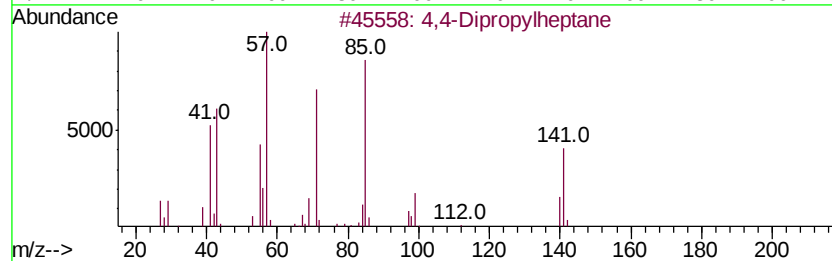
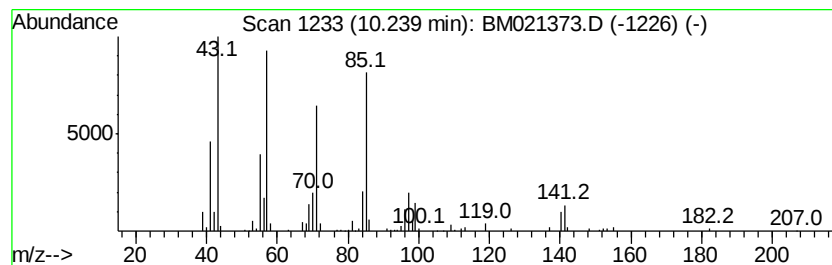
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	5.06 ng/ul	527857	Napthalene-d8	10.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,4-Dipropylheptane	184	C13H28	017312-72-0	53
2		Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	53
3		Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	52
4		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	50
5		Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021373.D
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Operator : HP/JU
Sample : K3596-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

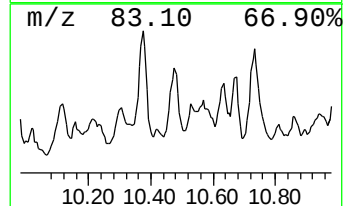
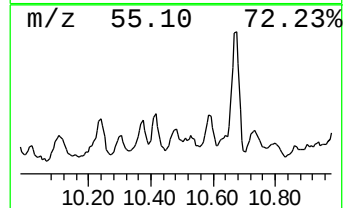
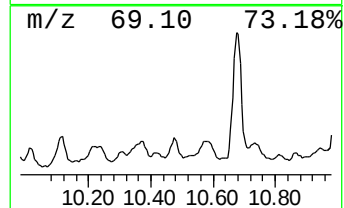
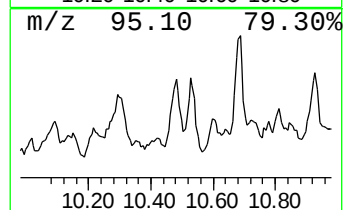
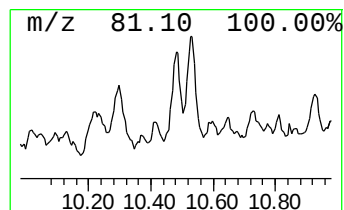
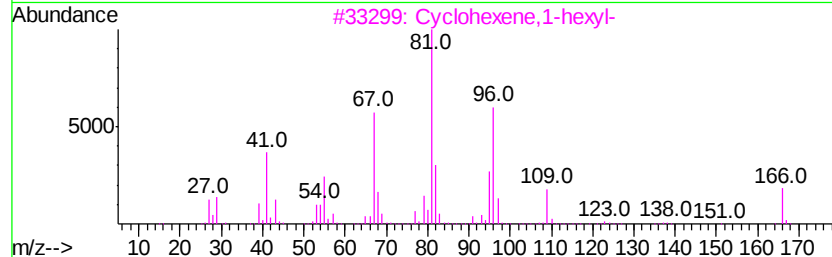
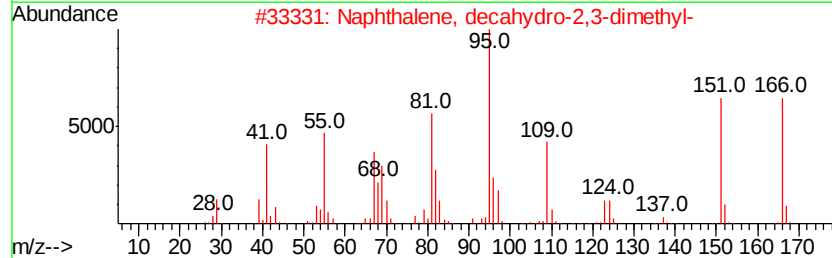
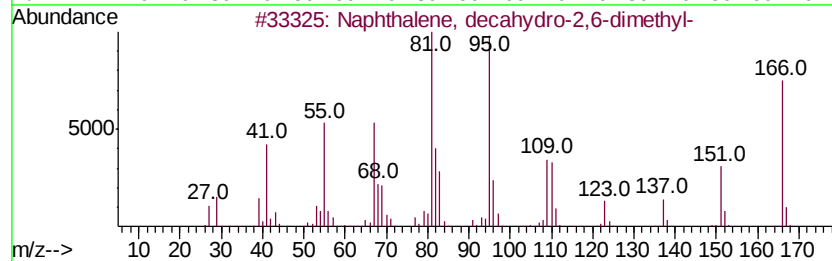
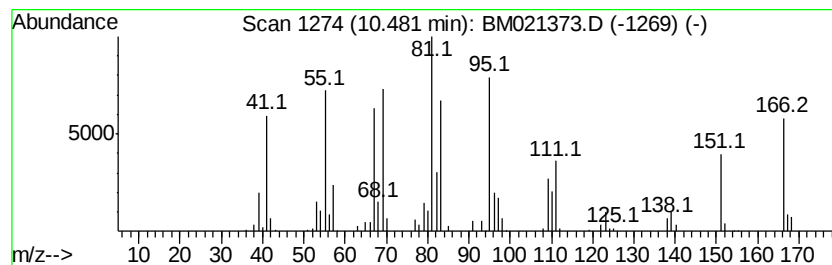
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 unknown-04 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	2.11 ng/ul	219961	Naphthalene-d8	10.53
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-2,6-dimet...	166 C12H22	001618-22-0 46
2		Naphthalene, decahydro-2,3-dimet...	166 C12H22	001008-80-6 46
3		Cyclohexene,1-hexyl-	166 C12H22	003964-66-7 35
4		Naphthalene, decahydro-1,5-dimet...	166 C12H22	066552-62-3 30
5		Bicyclo[2.2.1]heptan-2-one, 1,3,...	166 C11H18O	005811-48-3 30



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021373.D
Acq On : 03 Jul 2019 19:29
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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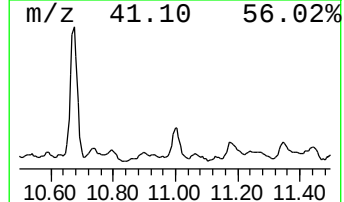
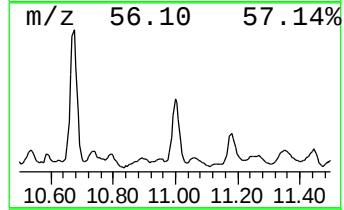
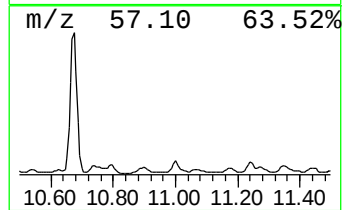
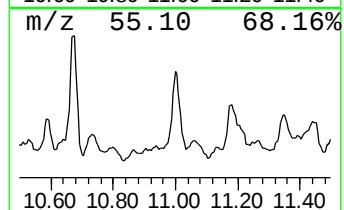
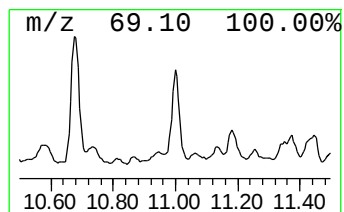
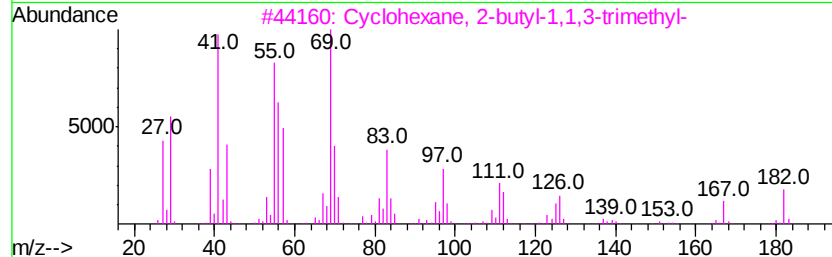
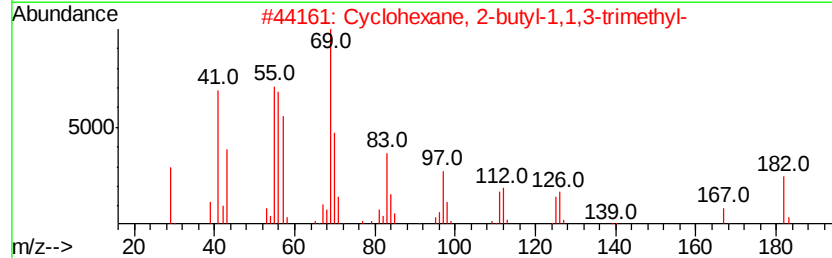
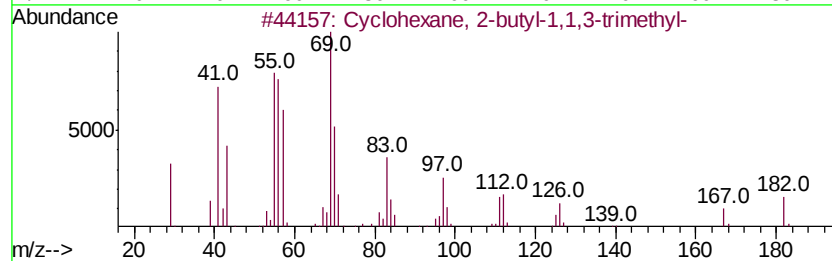
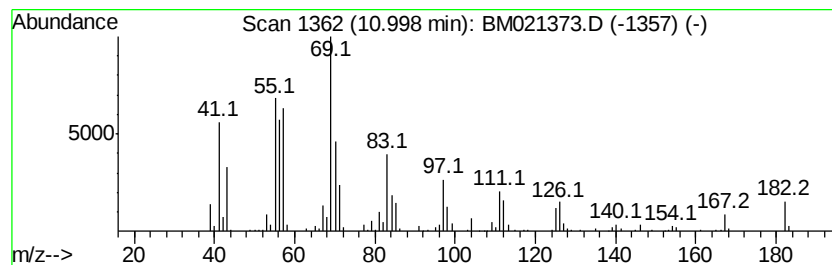
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 (DEL) Alkane: Cyclic11.00 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	7.20 ng/ul	751624	Naphthalene-d8	10.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	94
2			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	94
3			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	93
4			Cyclopentane, butyl-	126	C9H18	002040-95-1	76
5			Cyclopropane, 1-butyl-2-pentyl-,...	168	C12H24	074663-88-0	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021373.D
Acq On : 03 Jul 2019 19:29
Operator : HP/JU
Sample : K3596-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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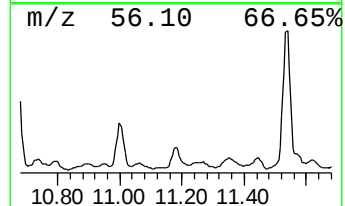
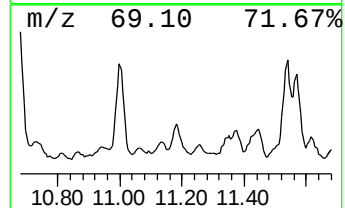
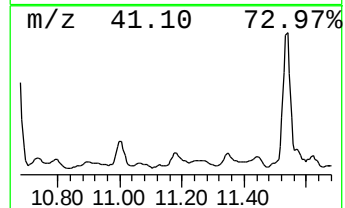
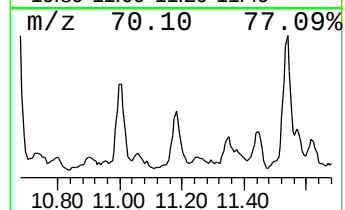
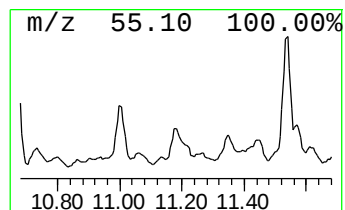
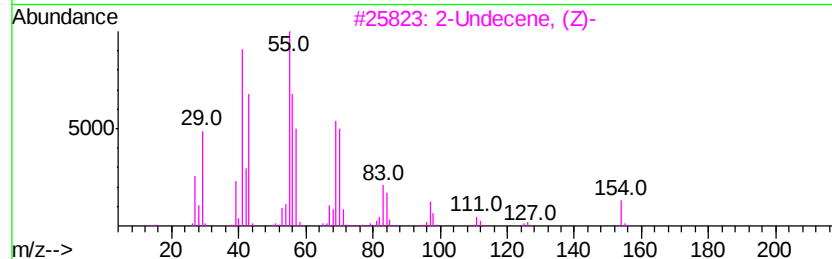
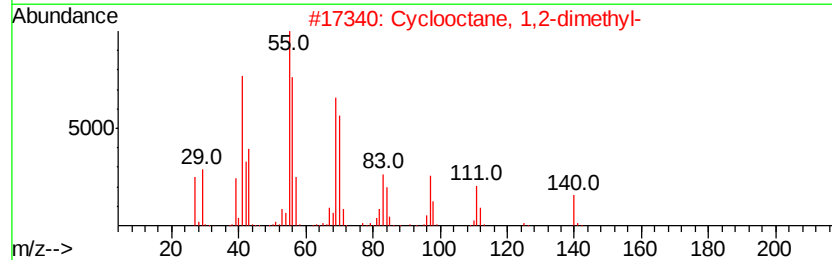
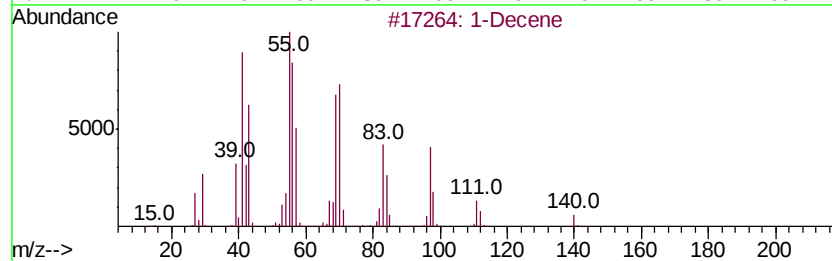
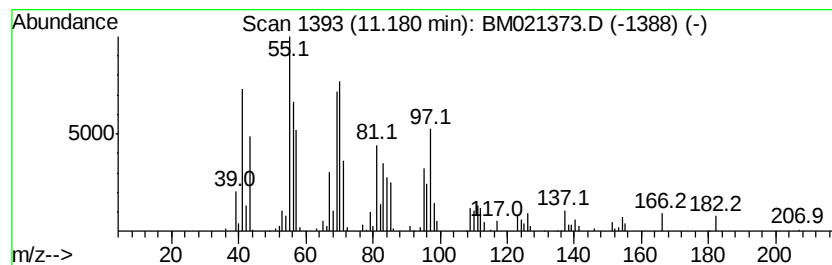
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 (DEL) Alkane: Cyclic11.18 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	5.66 ng/ul	591058	Napthalene-d8	10.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Decene	140	C10H20	000872-05-9	78
2		Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	60
3		2-Undecene, (Z)-	154	C11H22	000821-96-5	55
4		Cyclopropane, 1-heptyl-2-methyl-	154	C11H22	074663-91-5	55
5		Cyclobutane, 3-hexyl-1,1,2-trime...	182	C13H26	062338-52-7	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021373.D
Acq On : 03 Jul 2019 19:29
Operator : HP/JU
Sample : K3596-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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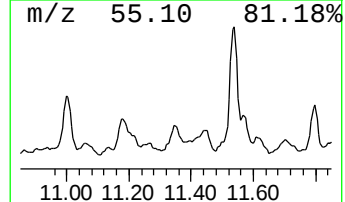
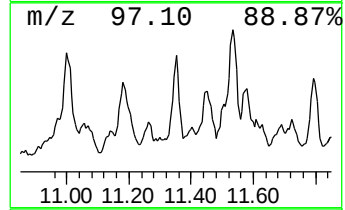
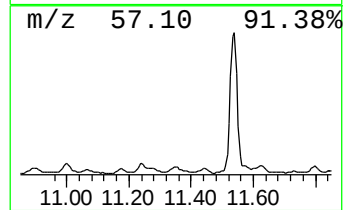
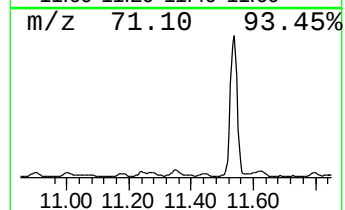
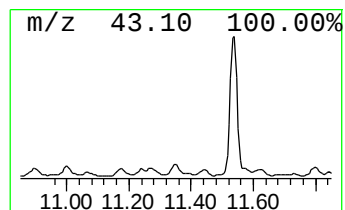
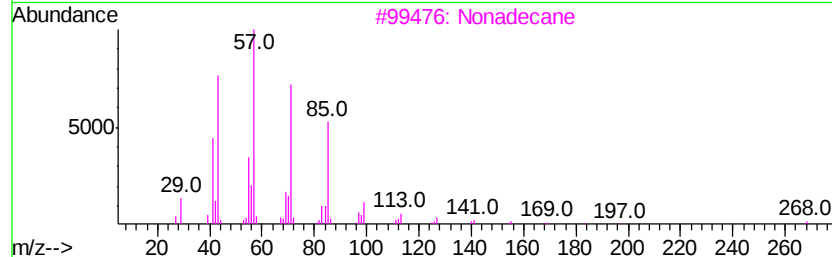
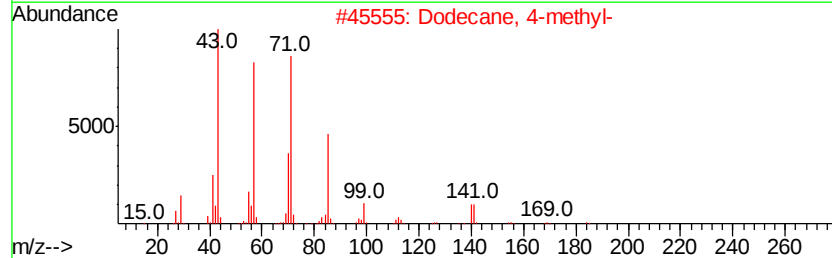
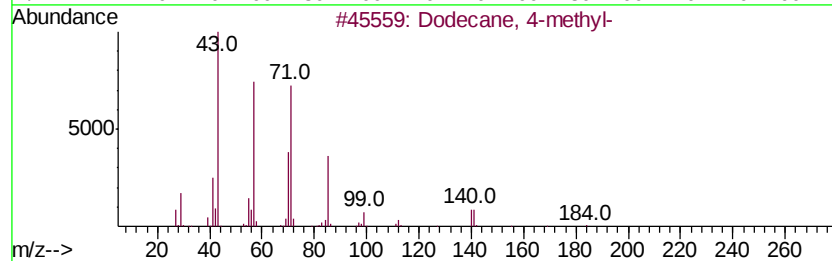
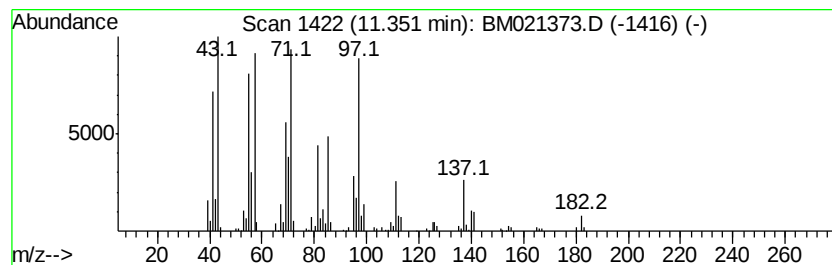
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	4.83 ng/ul	503931	Naphthalene-d8	10.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4-methyl-	184	C13H28	006117-97-1	38
2			Dodecane, 4-methyl-	184	C13H28	006117-97-1	38
3			Nonadecane	268	C19H40	000629-92-5	35
4			Tetradecane	198	C14H30	000629-59-4	27
5			Tridecane, 4-methyl-	198	C14H30	026730-12-1	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021373.D
Acq On : 03 Jul 2019 19:29
Operator : HP/JU
Sample : K3596-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLJF9

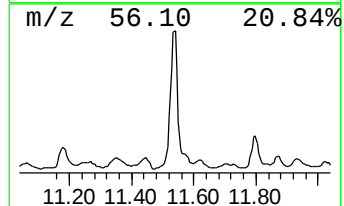
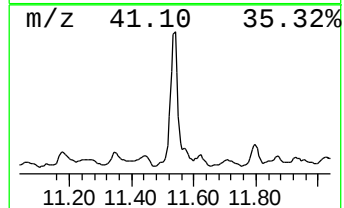
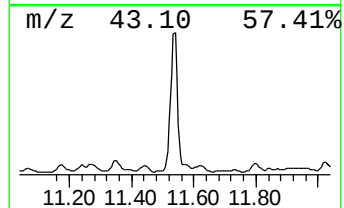
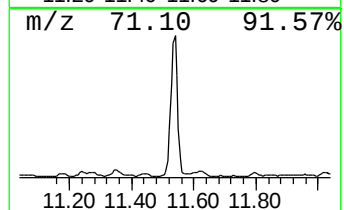
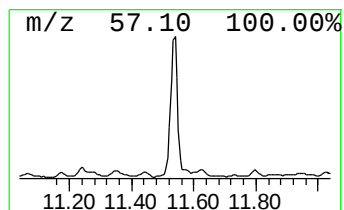
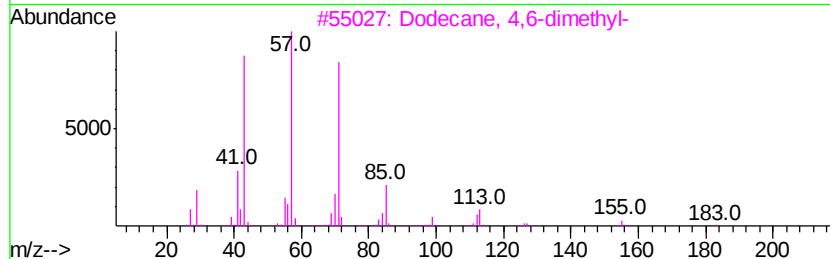
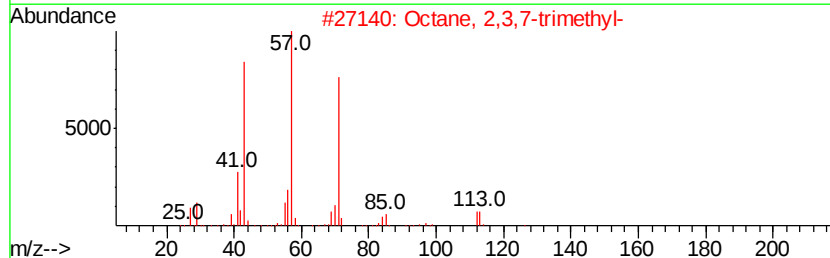
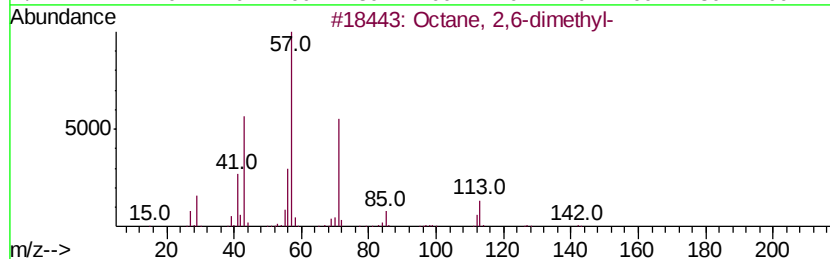
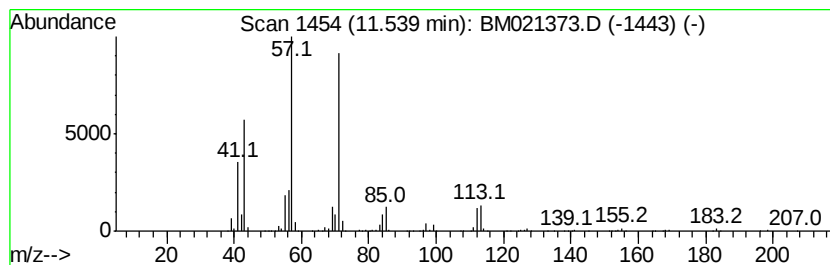
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	34.44 ng/ul	3595540	Napthalene-d8	10.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	83
3		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
4		Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
5		Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021373.D
Acq On : 03 Jul 2019 19:29
Operator : HP/JU
Sample : K3596-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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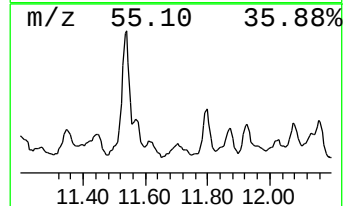
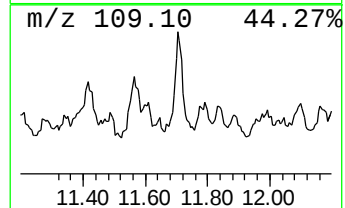
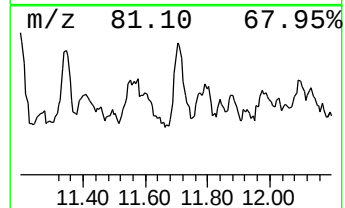
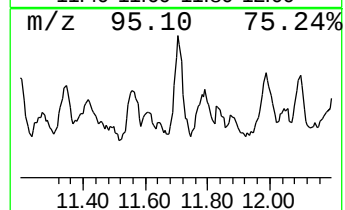
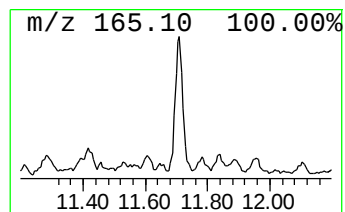
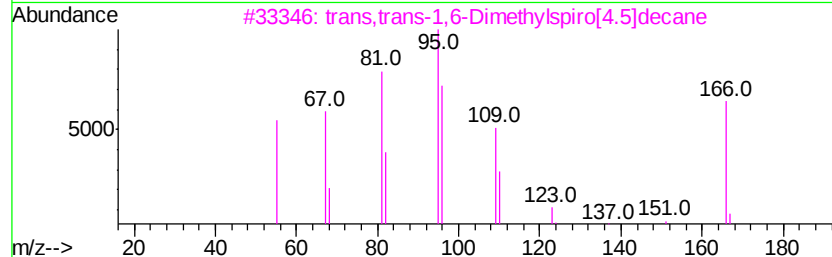
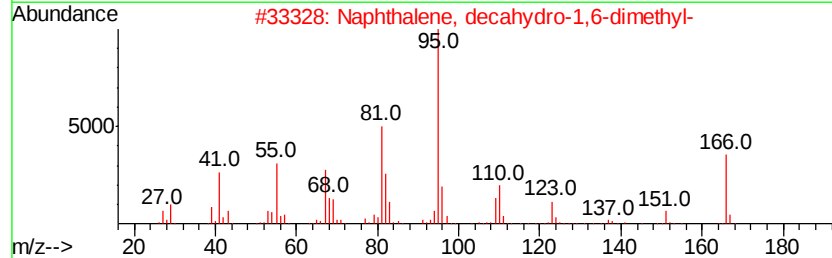
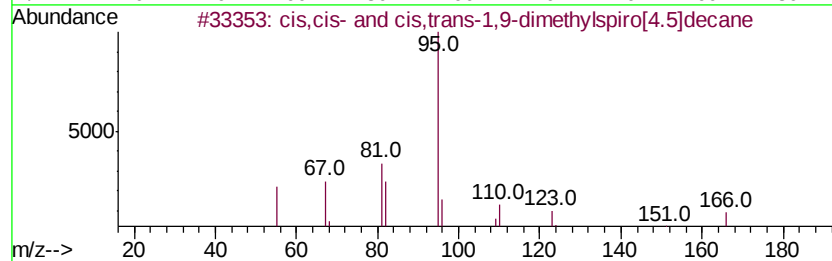
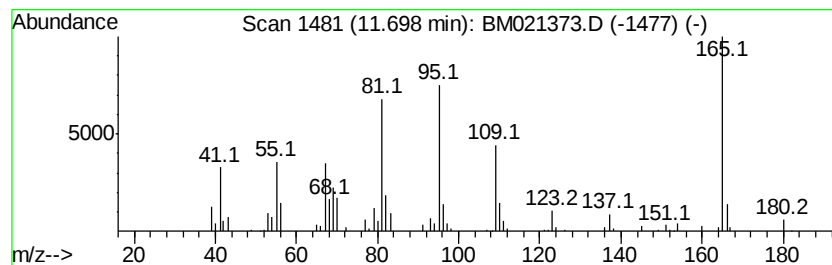
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 unknown-05 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	2.98 ng/ul	311551	Naphthalene-d8	10.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis,cis- and cis,trans-1,9-dimet...	166	C12H22	1000111-72-5	42
2		Naphthalene, decahydro-1,6-dimet...	166	C12H22	001750-51-2	42
3		trans,trans-1,6-Dimethylspiro[4....	166	C12H22	1000111-72-1	38
4		trans,trans-1,7-Dimethylspiro[4....	166	C12H22	1000111-72-6	38
5		1-Dodecyne	166	C12H22	000765-03-7	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021373.D
Acq On : 03 Jul 2019 19:29
Operator : HP/JU
Sample : K3596-05
Misc :
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Instrument :
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ClientSampled :
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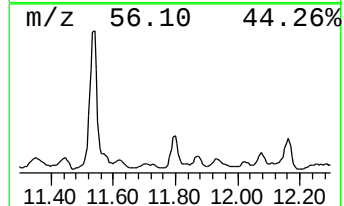
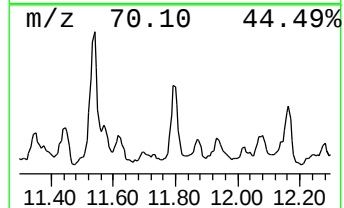
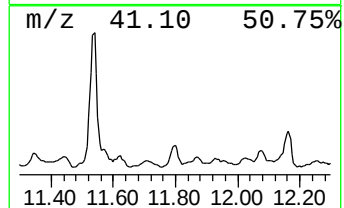
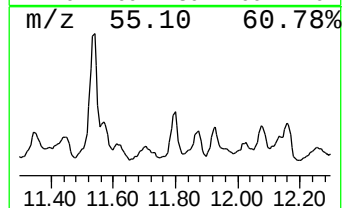
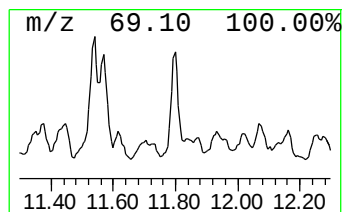
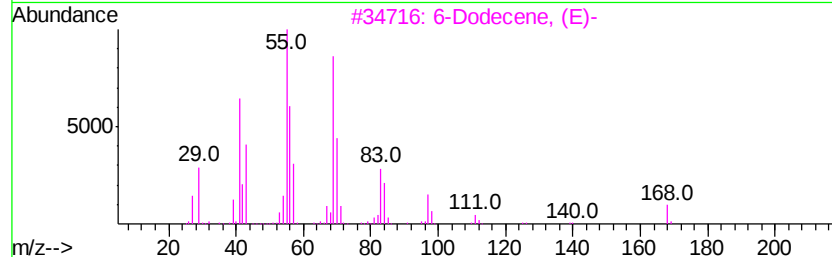
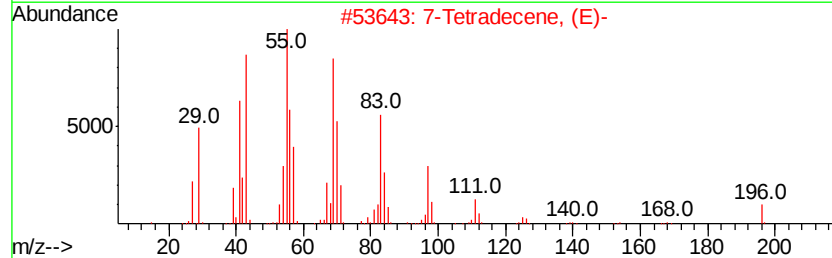
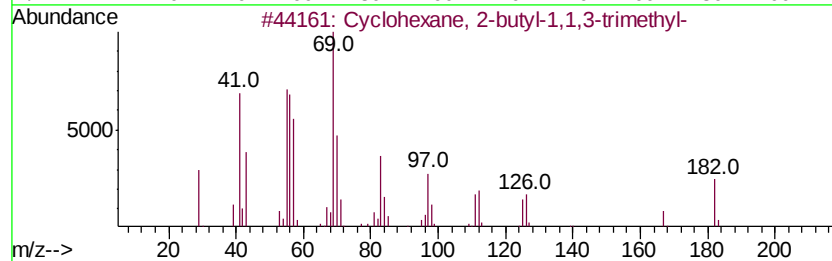
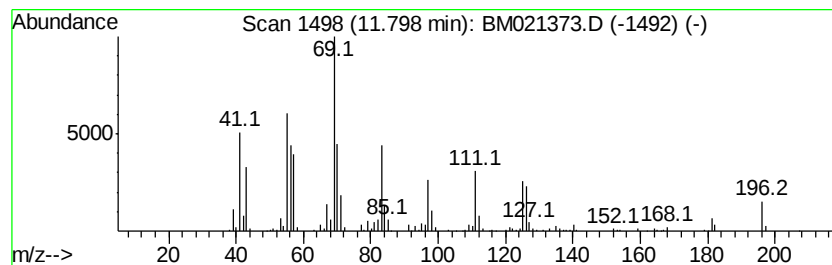
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 (DEL) Alkane: Cyclic11.80 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	5.81 ng/ul	606707	Naphthalene-d8	10.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	83
2			7-Tetradecene, (E)-	196	C14H28	041446-63-3	78
3			6-Dodecene, (E)-	168	C12H24	007206-17-9	76
4			6-Dodecene, (E)-	168	C12H24	007206-17-9	76
5			3-Tridecene, (E)-	182	C13H26	041446-57-5	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021373.D
Acq On : 03 Jul 2019 19:29
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Sample : K3596-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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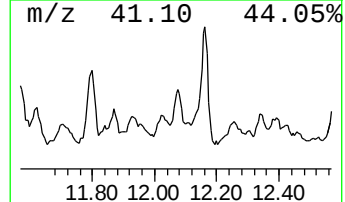
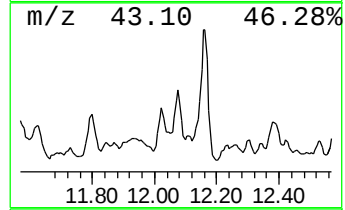
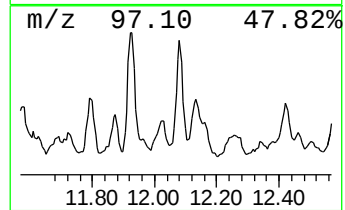
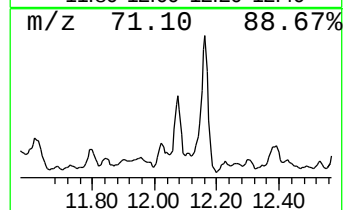
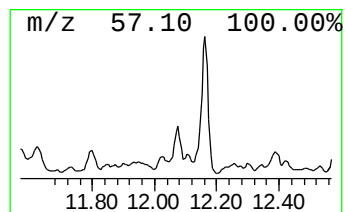
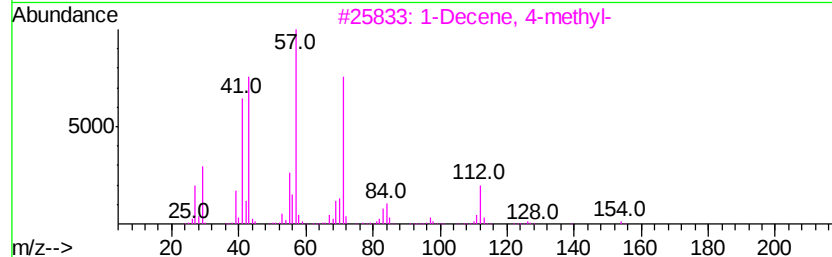
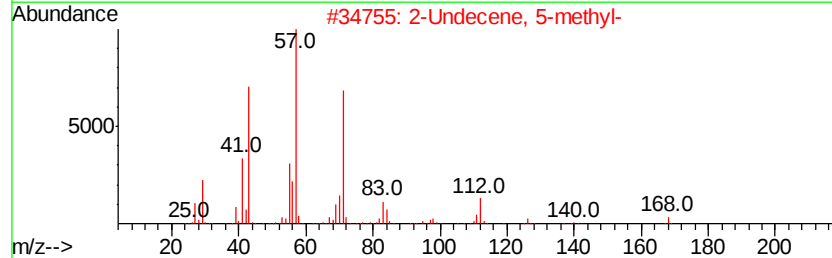
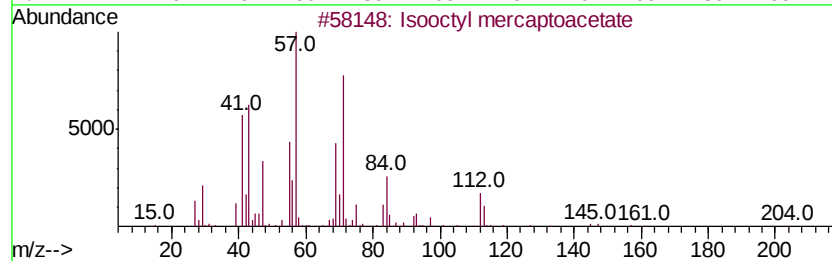
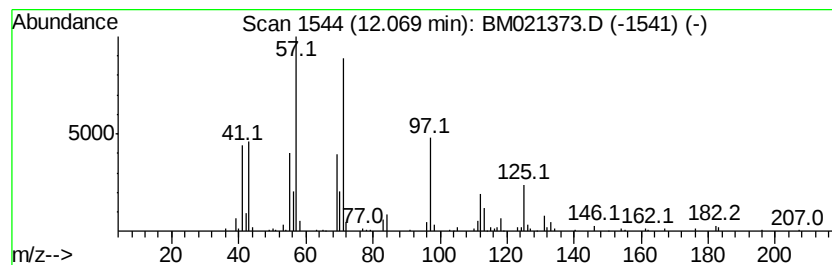
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Isooctyl mercaptoacetate Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	2.91 ng/ul	303850	Naphthalene-d8	10.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isooctyl mercaptoacetate	204	C10H20O2S	025103-09-7	53
2		2-Undecene, 5-methyl-	168	C12H24	056851-34-4	50
3		1-Decene, 4-methyl-	154	C11H22	013151-29-6	49
4		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	47
5		Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021373.D
Acq On : 03 Jul 2019 19:29
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Sample : K3596-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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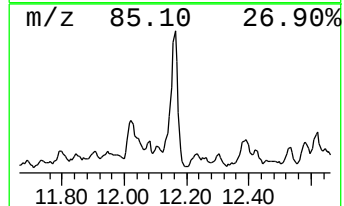
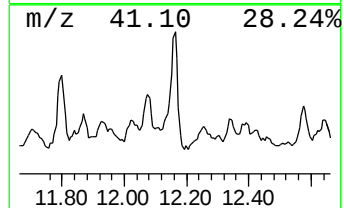
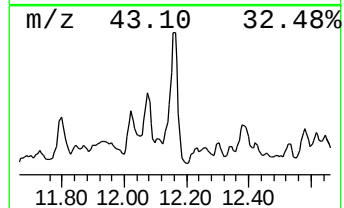
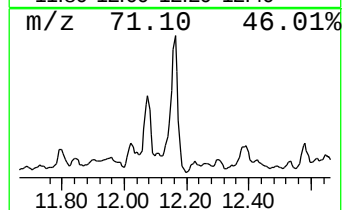
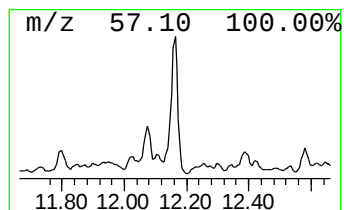
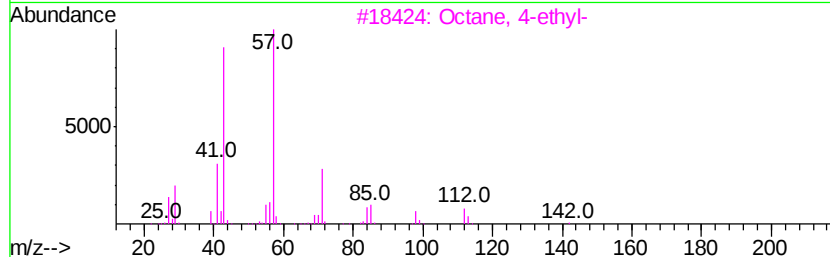
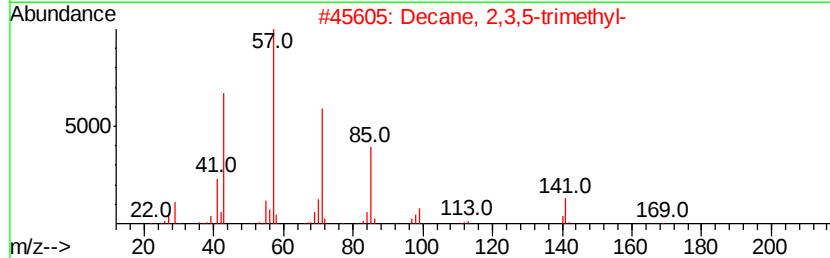
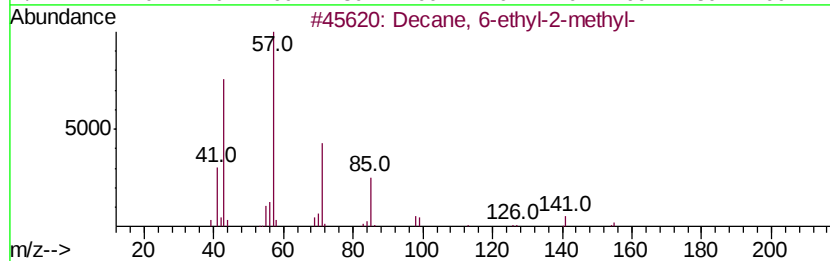
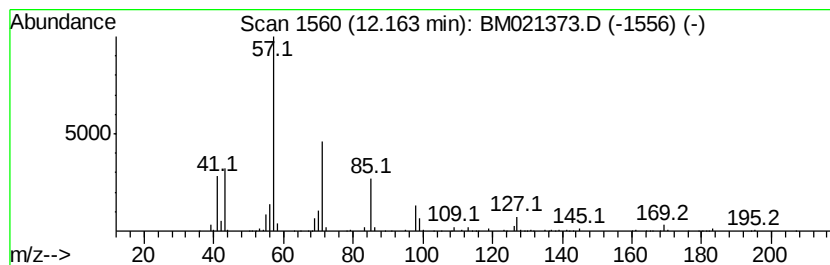
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	8.10 ng/ul	845888	Naphthalene-d8	10.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	72
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
3		Octane, 4-ethyl-	142	C10H22	015869-86-0	64
4		Tridecane	184	C13H28	000629-50-5	59
5		Undecane, 3-methyl-	170	C12H26	001002-43-3	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021373.D
Acq On : 03 Jul 2019 19:29
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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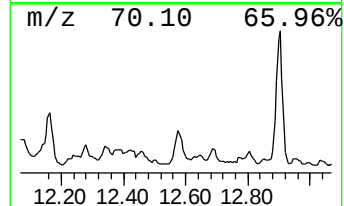
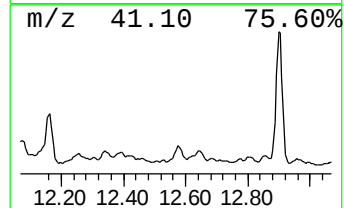
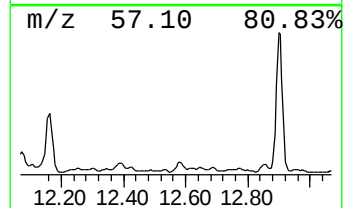
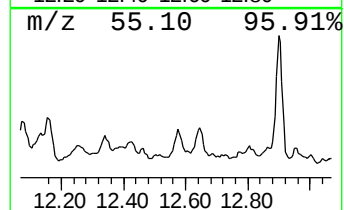
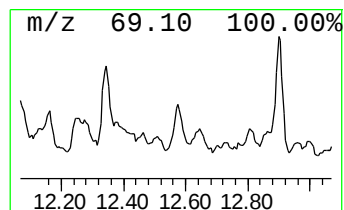
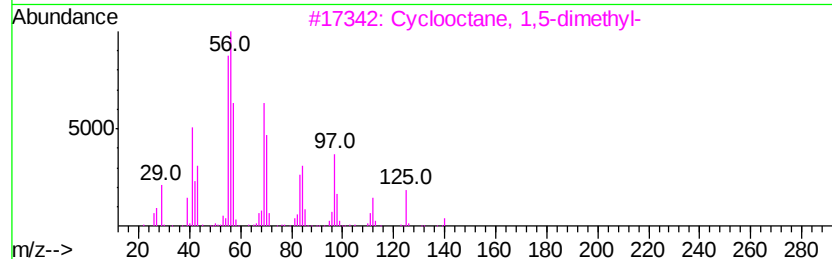
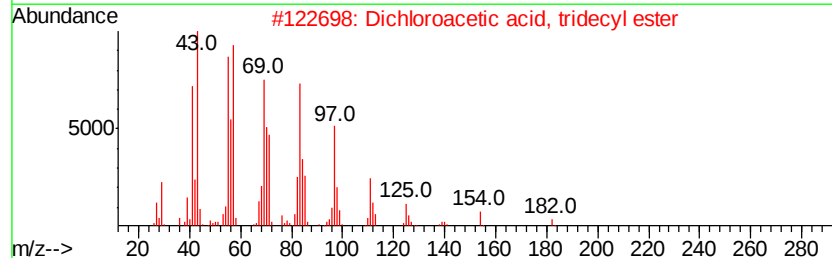
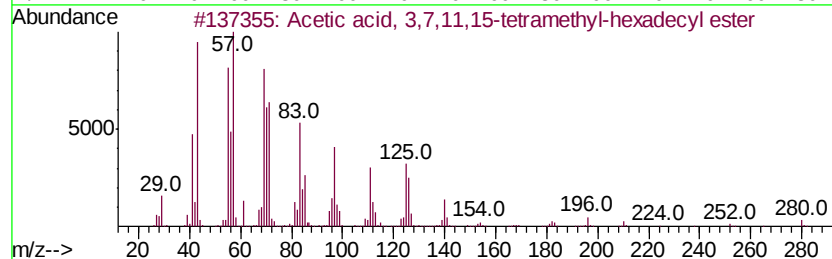
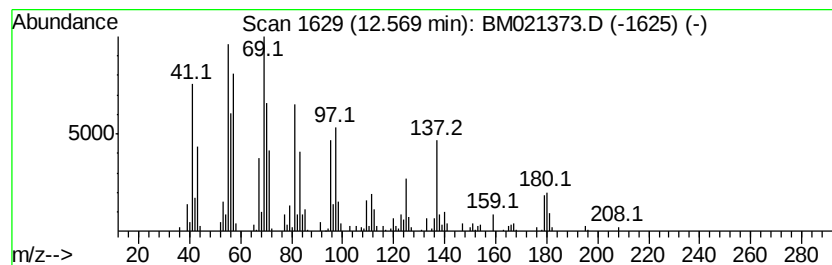
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Acetic acid, 3,7,11,15-tetr... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	2.68 ng/ul	396902	Acenaphthene-d10	14.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid, 3,7,11,15-tetrameth...	340	C22H44O2	1000193-63-0	62
2			Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	62
3			Cyclooctane, 1,5-dimethyl-	140	C10H20	021328-57-4	58
4			1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	52
5			1-Hexadecanol	242	C16H34O	036653-82-4	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021373.D
Acq On : 03 Jul 2019 19:29
Operator : HP/JU
Sample : K3596-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLJF9

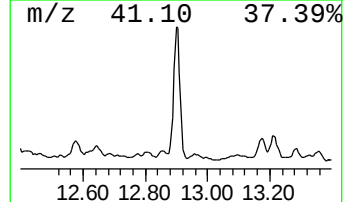
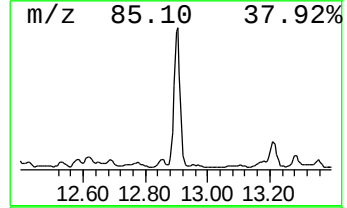
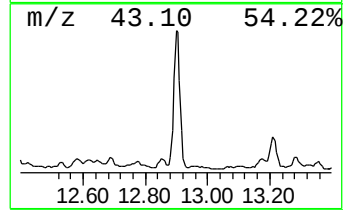
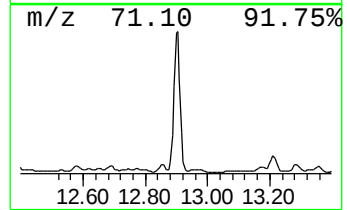
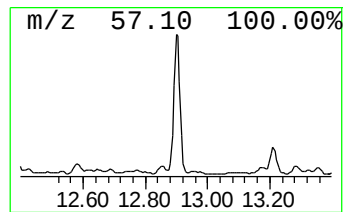
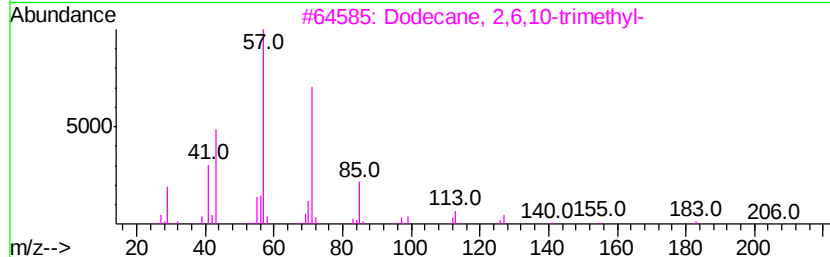
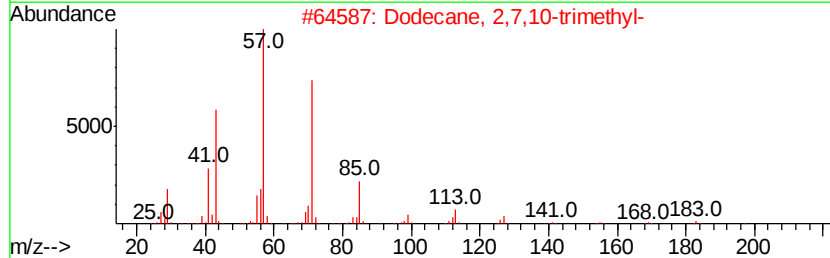
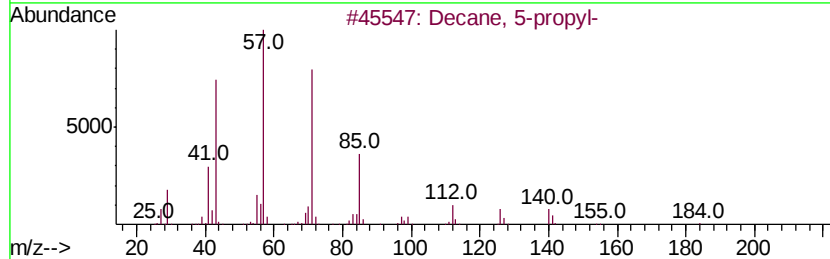
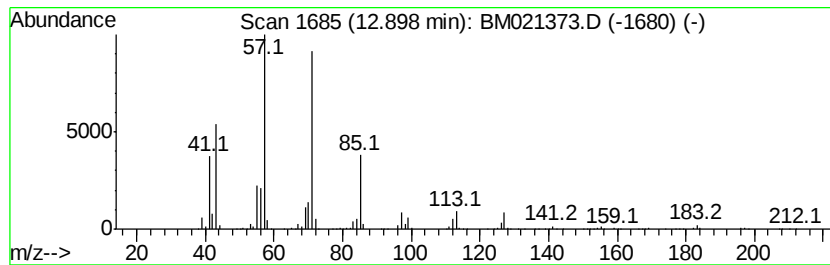
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	15.56 ng/ul	2302410	Acenaphthene-d10	14.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-propyl-	184	C13H28	017312-62-8	80
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	72
5		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021373.D
Acq On : 03 Jul 2019 19:29
Operator : HP/JU
Sample : K3596-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLJF9

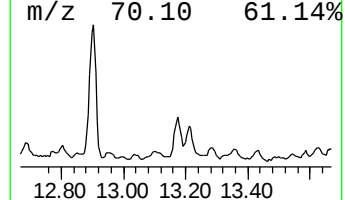
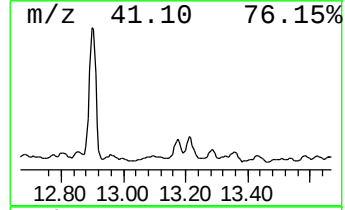
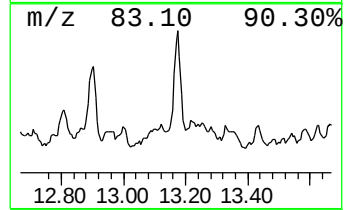
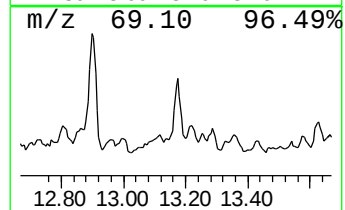
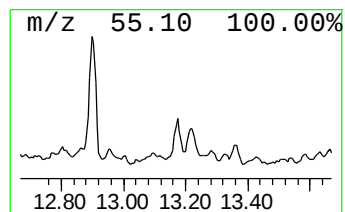
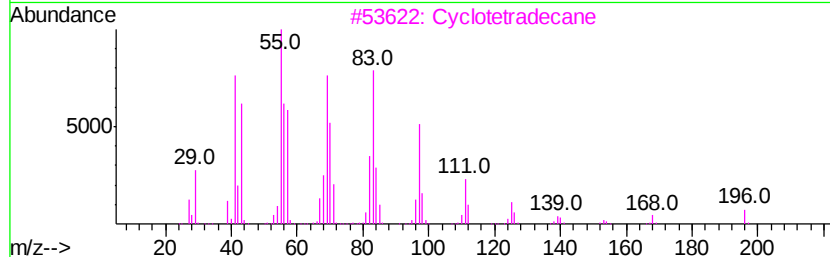
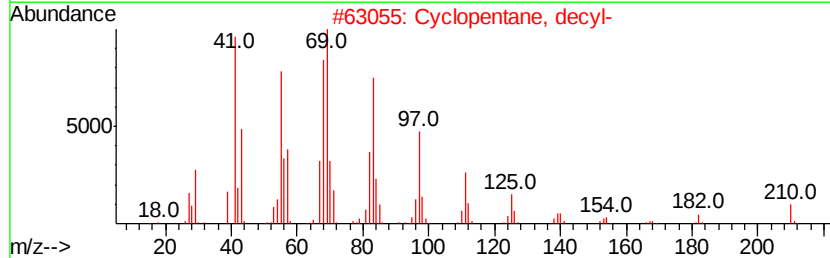
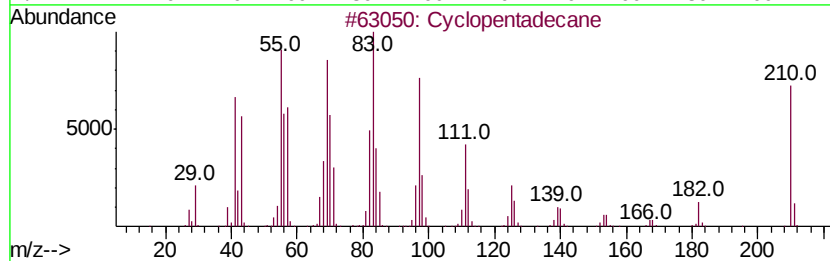
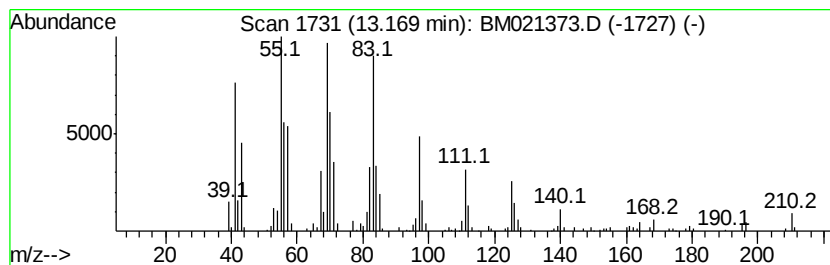
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	2.35 ng/ul	348143	Acenaphthene-d10	14.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentadecane	210	C15H30	000295-48-7	94
2			Cyclopentane, decyl-	210	C15H30	001795-21-7	93
3			Cyclotetradecane	196	C14H28	000295-17-0	92
4			6-Tetradecene, (Z)-	196	C14H28	041446-61-1	91
5			Cyclopentane, 1-butyl-2-pentyl-	196	C14H28	061142-52-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021373.D
Acq On : 03 Jul 2019 19:29
Operator : HP/JU
Sample : K3596-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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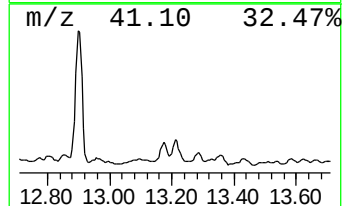
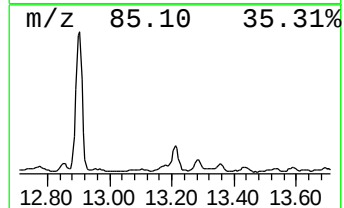
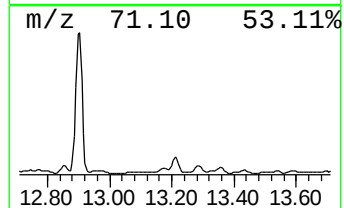
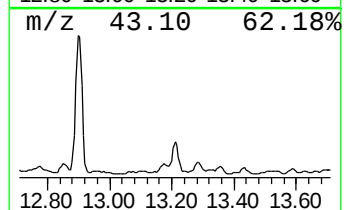
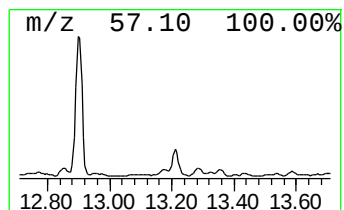
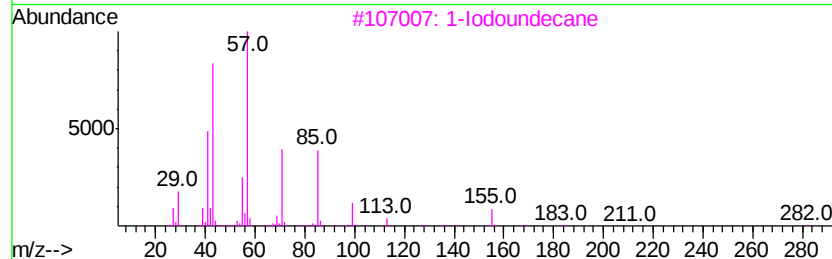
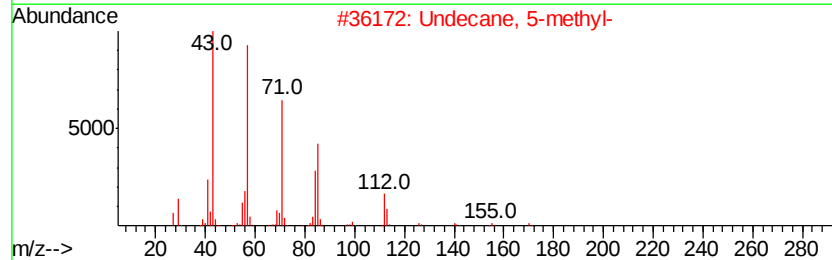
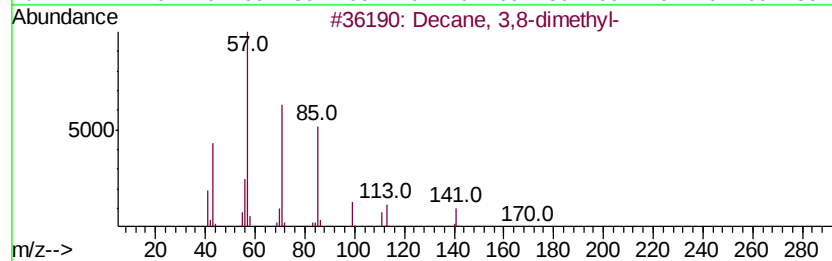
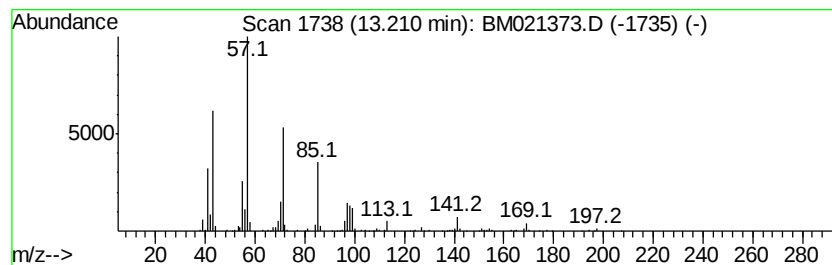
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	2.69 ng/ul	398251	Acenaphthene-d10	14.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	68
2			Undecane, 5-methyl-	170	C12H26	001632-70-8	53
3			1-Iodoundecane	282	C11H23I	004282-44-4	53
4			Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	47
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021373.D
Acq On : 03 Jul 2019 19:29
Operator : HP/JU
Sample : K3596-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

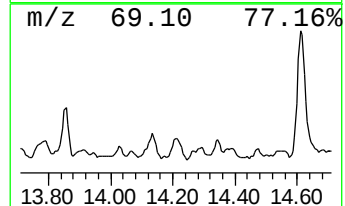
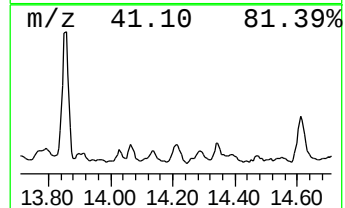
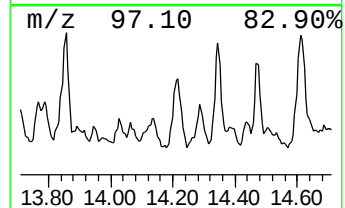
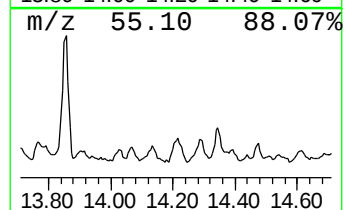
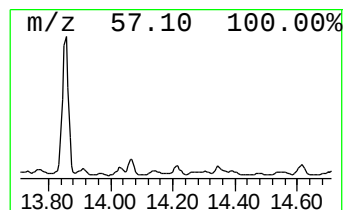
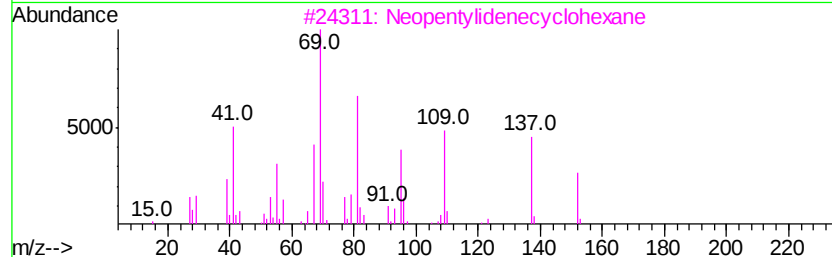
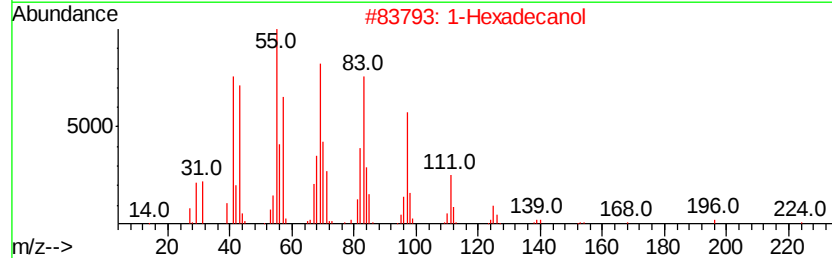
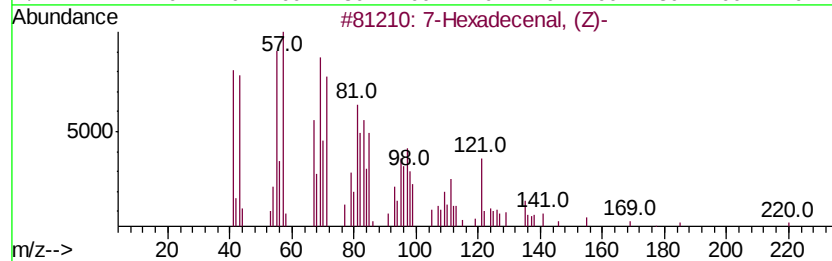
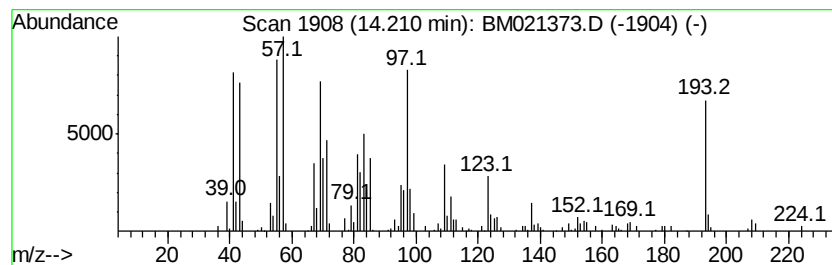
Instrument :
BNA_M
ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 7-Hexadecenal, (Z)- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	2.21 ng/ul	326437	Acenaphthene-d10	14.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		7-Hexadecenal, (Z)-	238 C16H30O	056797-40-1 60
2		1-Hexadecanol	242 C16H34O	036653-82-4 38
3		Neopentylidenecyclohexane	152 C11H20	039546-80-0 38
4		Heptafluorobutyric acid, n-tetra...	410 C18H29F7O2	007365-36-8 30
5		Bicyclo[3.1.1]heptan-3-one, 2,6,...	152 C10H16O	015358-88-0 25



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021373.D
Acq On : 03 Jul 2019 19:29
Operator : HP/JU
Sample : K3596-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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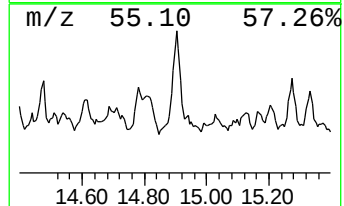
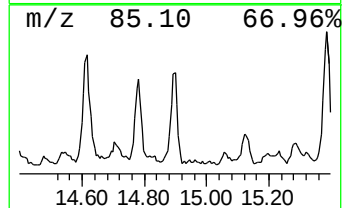
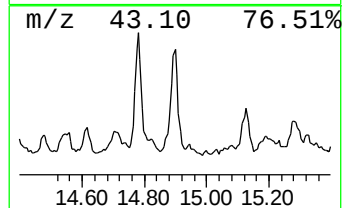
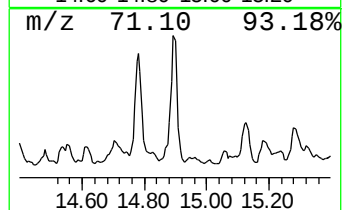
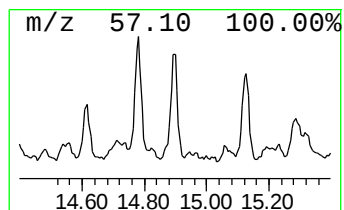
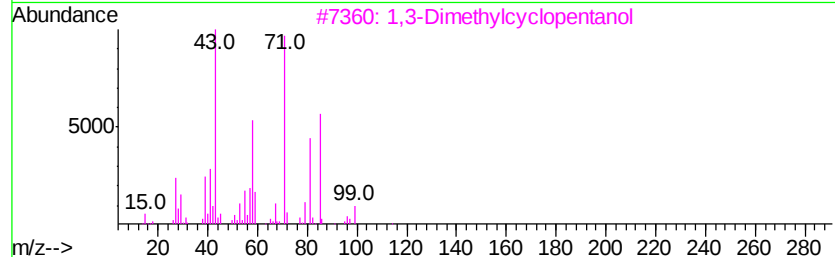
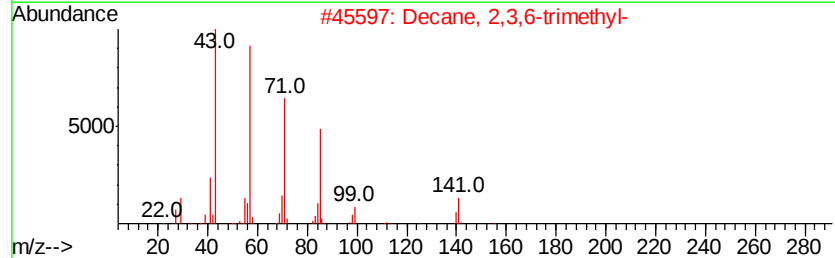
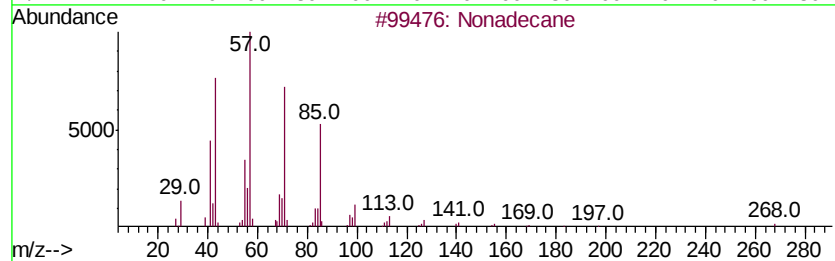
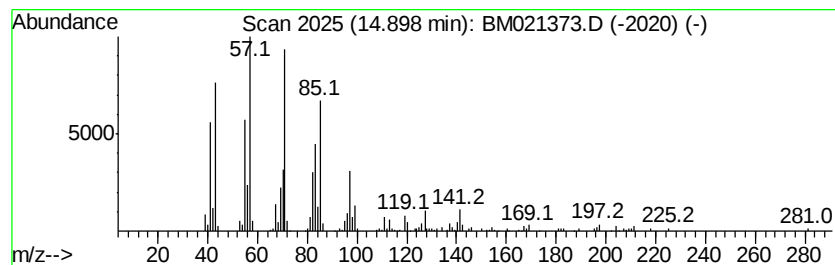
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	2.56 ng/ul	378858	Acenaphthene-d10	14.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	52
2			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	49
3			1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	43
4			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	43
5			Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021373.D
Acq On : 03 Jul 2019 19:29
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Sample : K3596-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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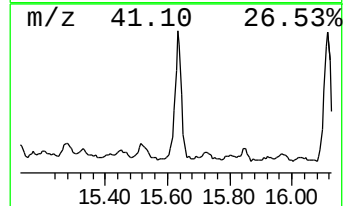
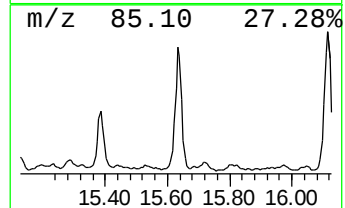
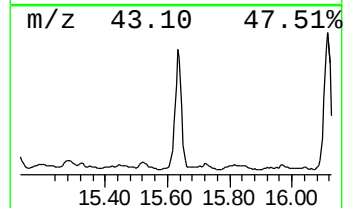
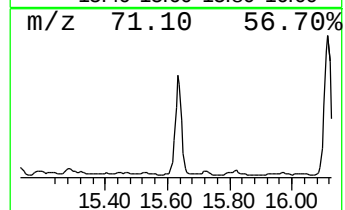
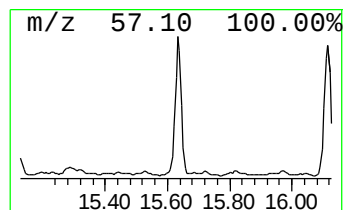
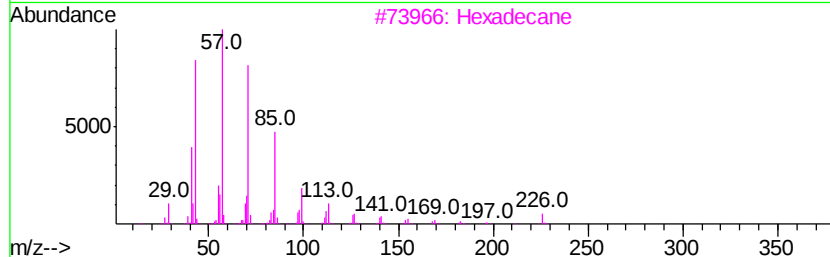
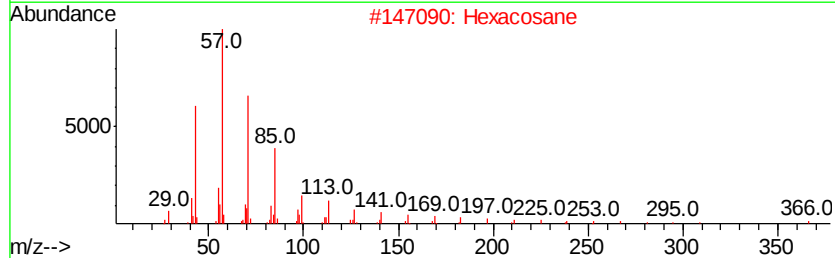
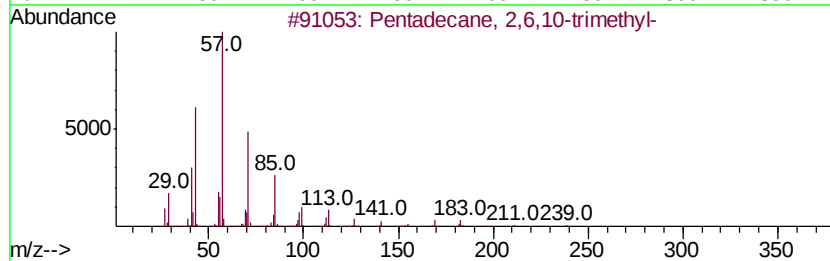
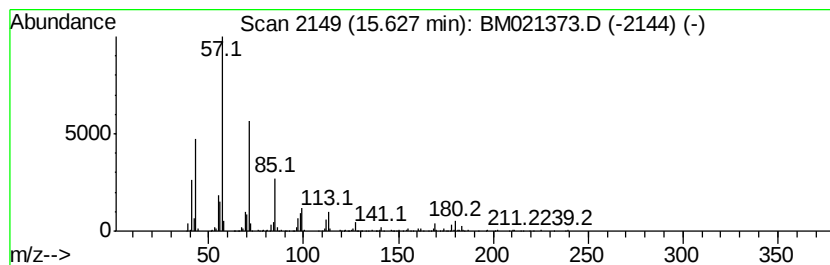
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	9.36 ng/ul	1384810	Acenaphthene-d10	14.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2			Hexacosane	366	C26H54	000630-01-3	86
3			Hexadecane	226	C16H34	000544-76-3	83
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
5			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021373.D
Acq On : 03 Jul 2019 19:29
Operator : HP/JU
Sample : K3596-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLJF9

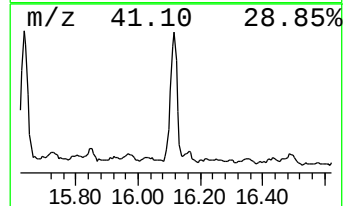
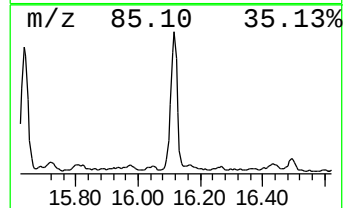
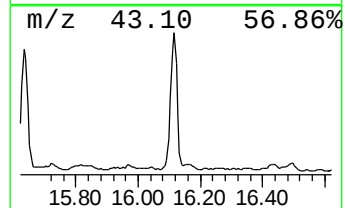
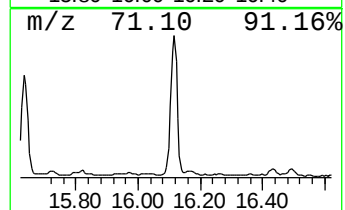
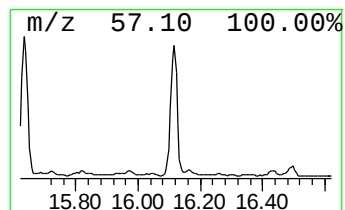
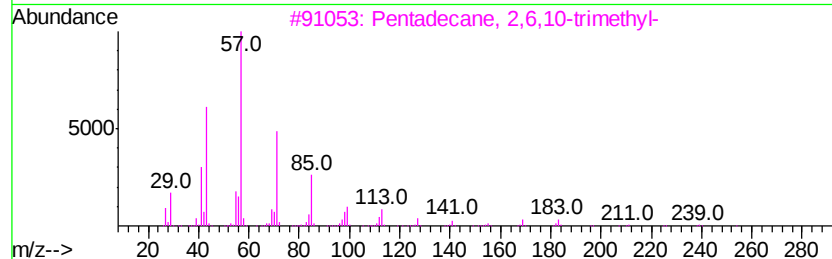
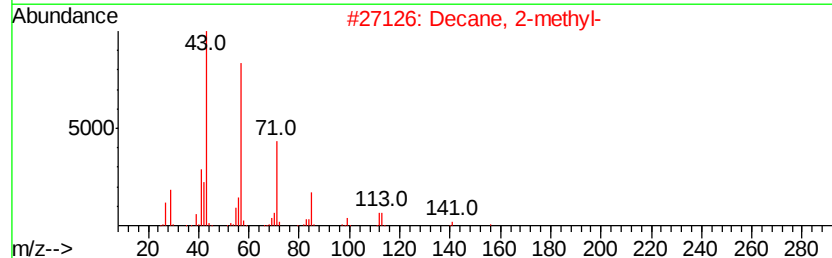
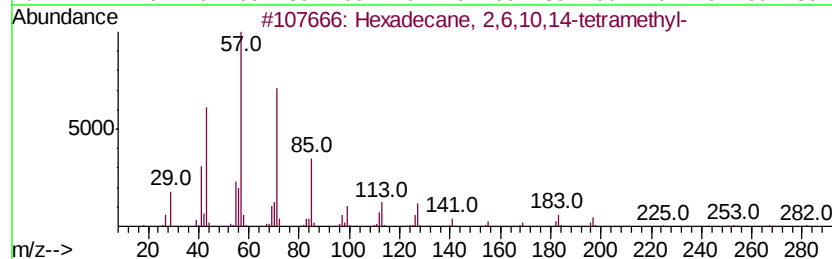
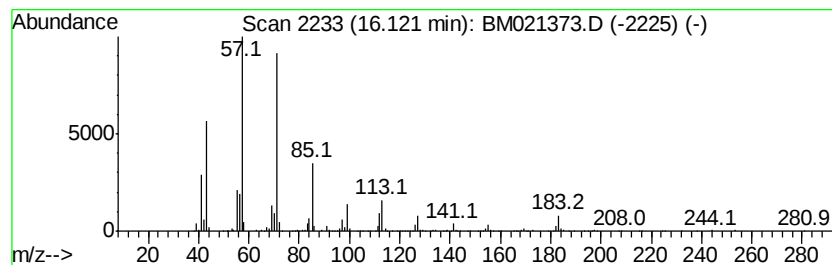
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	10.63 ng/ul	1589400	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2		Decane, 2-methyl-	156	C11H24	006975-98-0	80
3		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	80
5		Tridecane, 4-methyl-	198	C14H30	026730-12-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021373.D
Acq On : 03 Jul 2019 19:29
Operator : HP/JU
Sample : K3596-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLJF9

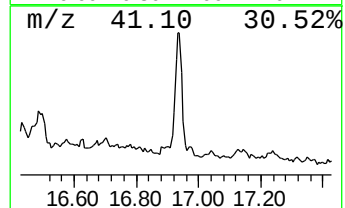
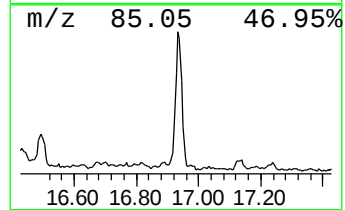
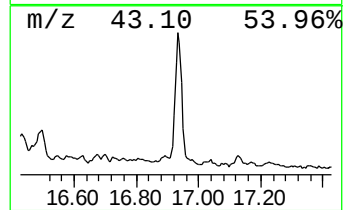
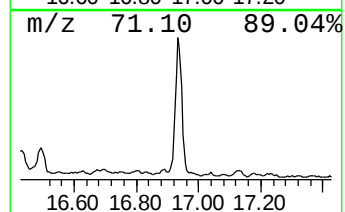
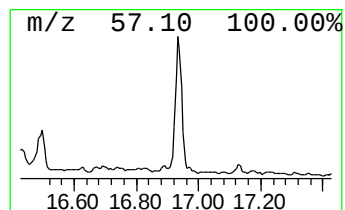
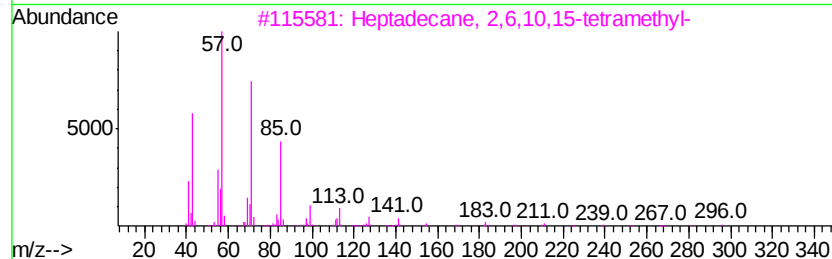
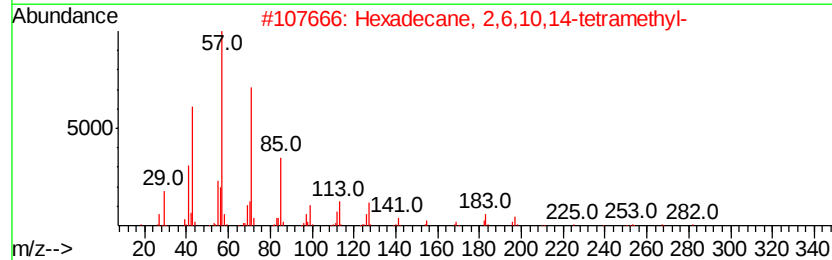
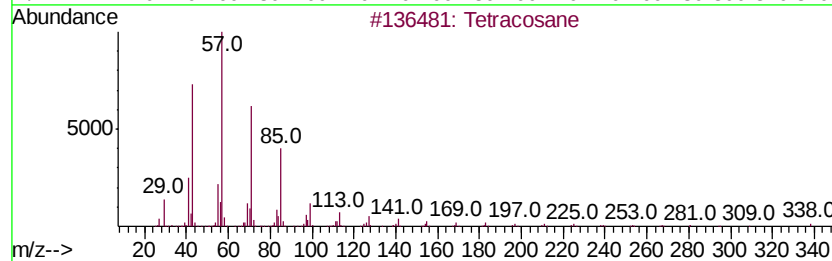
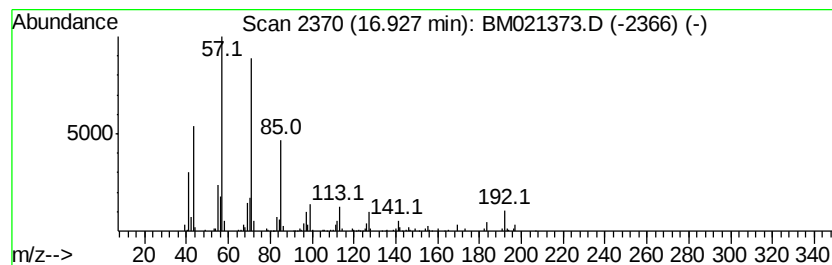
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Quant Title : SVOA CALIBRATION

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

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	2.89 ng/ul	432637	Phenanthrene-d10	17.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	90
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4			Dodecane	170	C12H26	000112-40-3	87
5			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021373.D
Acq On : 03 Jul 2019 19:29
Operator : HP/JU
Sample : K3596-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLJF9

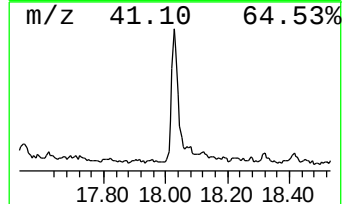
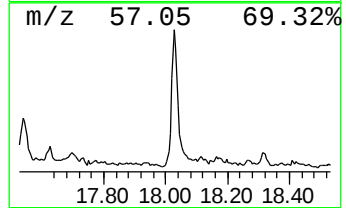
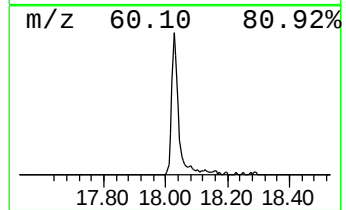
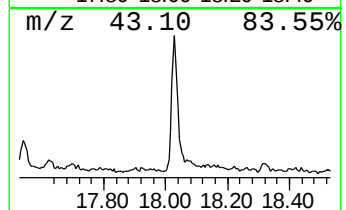
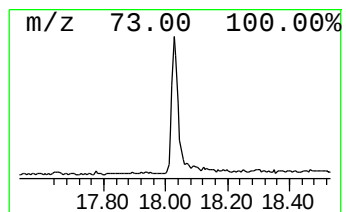
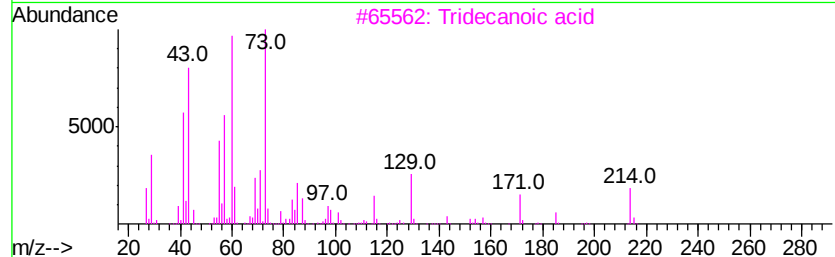
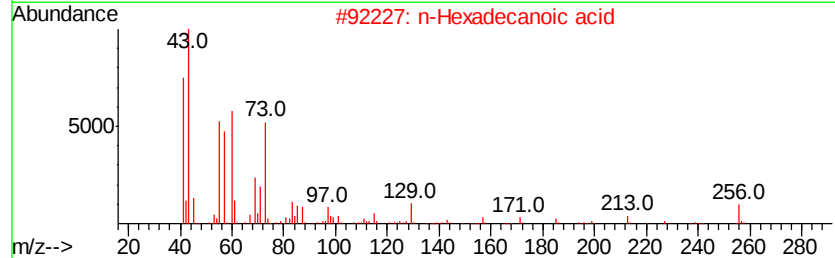
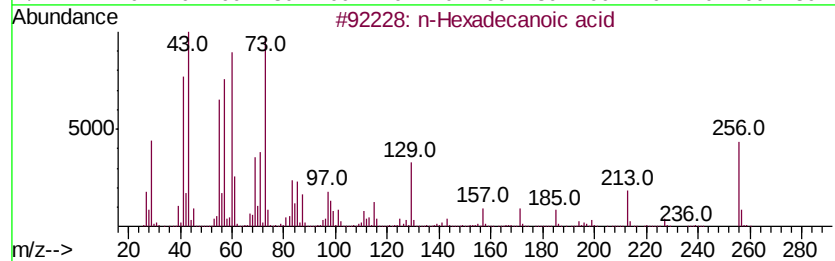
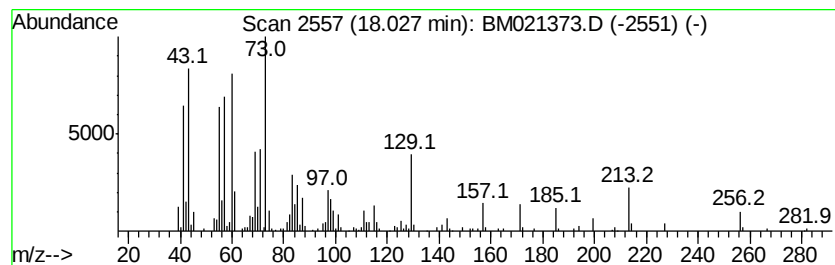
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Quant Title : SVOA CALIBRATION

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

Peak Number 39 n-Hexadecanoic acid Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	2.66 ng/ul	397738	Phenanthrene-d10	17.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3			Tridecanoic acid	214	C13H26O2	000638-53-9	89
4			Tridecanoic acid	214	C13H26O2	000638-53-9	80
5			Tridecanoic acid	214	C13H26O2	000638-53-9	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021373.D
Acq On : 03 Jul 2019 19:29
Operator : HP/JU
Sample : K3596-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

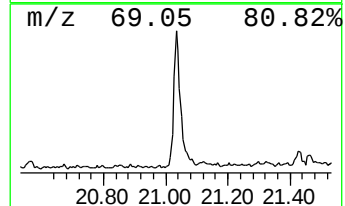
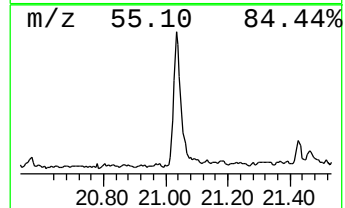
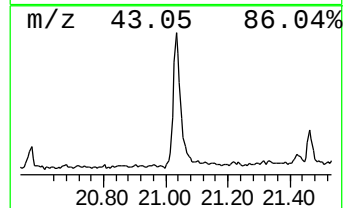
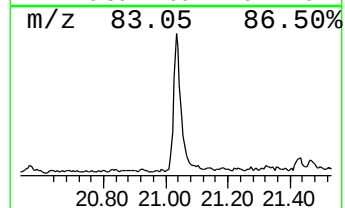
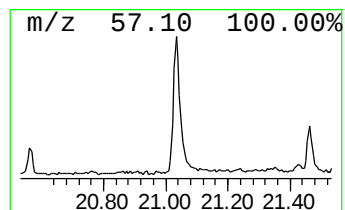
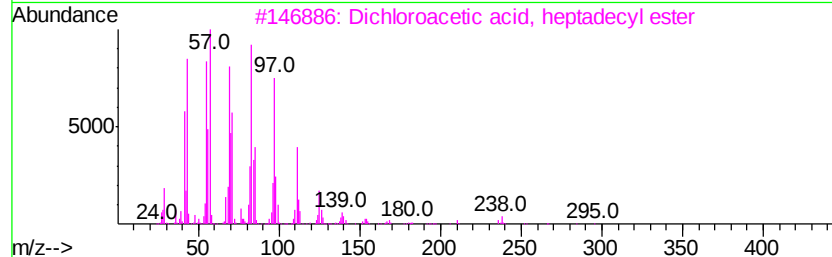
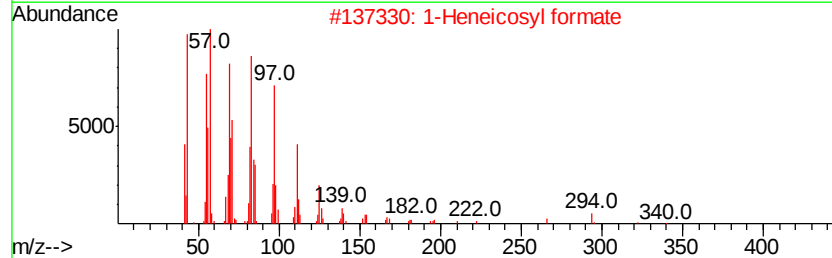
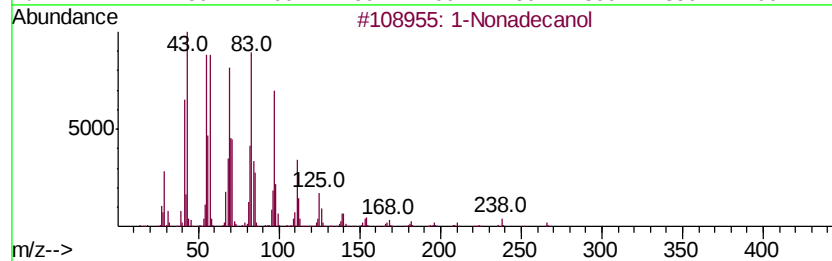
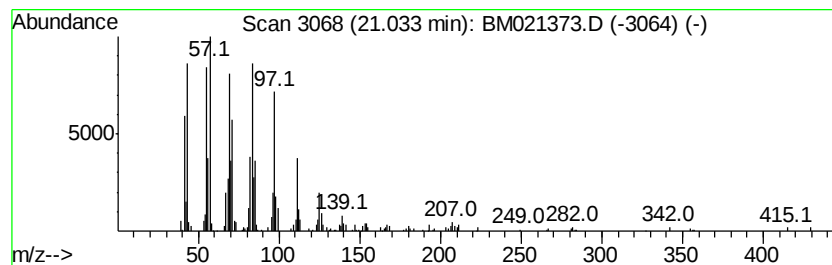
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 40 1-Nonadecanol Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	3.16 ng/ul	412122	Chrysene-d12	21.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Nonadecanol	284 C19H40O	001454-84-8	94
2	1-Heneicosyl formate	340 C22H44O2	077899-03-7	94
3	Dichloroacetic acid, heptadecyl ...	366 C19H36Cl2O2	1000282-98-2	93
4	1-Octadecanol	270 C18H38O	000112-92-5	93
5	Heptafluorobutanoic acid, heptad...	452 C21H35F7O2	1000282-97-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM070319\
 Data File : BM021373.D
 Acq On : 03 Jul 2019 19:29
 Operator : HP/JU
 Sample : K3596-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLJF9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	6.29	2.8	ng/ul	155096	1	7.75	1099530	20.0
(DEL) Alkane: Str...	6.40	4.3	ng/ul	237398	1	7.75	1099530	20.0
unknown-01	7.65	3.3	ng/ul	178516	1	7.75	1099530	20.0
Silane, trichloro...	7.91	3.3	ng/ul	183686	1	7.75	1099530	20.0
(DEL) Alkane: Cyc...	8.28	5.2	ng/ul	287367	1	7.75	1099530	20.0
Naphthalene, deca...	8.56	2.7	ng/ul	148171	1	7.75	1099530	20.0
unknown-02	8.60	2.7	ng/ul	150319	1	7.75	1099530	20.0
(DEL) Alkane: Cyc...	8.70	2.1	ng/ul	117001	1	7.75	1099530	20.0
(DEL) Alkane: Cyc...	8.83	11.2	ng/ul	617187	1	7.75	1099530	20.0
unknown-03	9.03	3.8	ng/ul	207085	1	7.75	1099530	20.0
(DEL) Alkane: Cyc...	9.07	4.9	ng/ul	267759	1	7.75	1099530	20.0
(DEL) Alkane: Str...	9.20	2.8	ng/ul	294544	2	10.53	2088130	20.0
(DEL) Alkane: Str...	9.36	4.3	ng/ul	449037	2	10.53	2088130	20.0
trans-Decalin, 2-...	9.45	2.9	ng/ul	302914	2	10.53	2088130	20.0
Naphthalene, deca...	9.70	3.5	ng/ul	360697	2	10.53	2088130	20.0
(DEL) Alkane: Str...	9.77	2.4	ng/ul	254608	2	10.53	2088130	20.0
(DEL) Alkane: Cyc...	9.86	2.3	ng/ul	236695	2	10.53	2088130	20.0
Benzene, 1-methyl...	9.93	2.2	ng/ul	226443	2	10.53	2088130	20.0
(DEL) Alkane: Cyc...	10.10	3.3	ng/ul	343477	2	10.53	2088130	20.0
(DEL) Alkane: Str...	10.24	5.1	ng/ul	527857	2	10.53	2088130	20.0
unknown-04	10.48	2.1	ng/ul	219961	2	10.53	2088130	20.0
(DEL) Alkane: Cyc...	11.00	7.2	ng/ul	751624	2	10.53	2088130	20.0
(DEL) Alkane: Cyc...	11.18	5.7	ng/ul	591058	2	10.53	2088130	20.0
(DEL) Alkane: Str...	11.35	4.8	ng/ul	503931	2	10.53	2088130	20.0
(DEL) Alkane: Str...	11.54	34.4	ng/ul	3595540	2	10.53	2088130	20.0
unknown-05	11.70	3.0	ng/ul	311551	2	10.53	2088130	20.0
(DEL) Alkane: Cyc...	11.80	5.8	ng/ul	606707	2	10.53	2088130	20.0
Isooctyl mercapto...	12.07	2.9	ng/ul	303850	2	10.53	2088130	20.0
(DEL) Alkane: Str...	12.16	8.1	ng/ul	845888	2	10.53	2088130	20.0
Acetic acid, 3,7,...	12.57	2.7	ng/ul	396902	3	14.39	2959170	20.0
(DEL) Alkane: Str...	12.90	15.6	ng/ul	2302410	3	14.39	2959170	20.0
(DEL) Alkane: Str...	13.17	2.4	ng/ul	348143	3	14.39	2959170	20.0
(DEL) Alkane: Str...	13.21	2.7	ng/ul	398251	3	14.39	2959170	20.0
7-Hexadecenal, (Z)-	14.21	2.2	ng/ul	326437	3	14.39	2959170	20.0
(DEL) Alkane: Str...	14.90	2.6	ng/ul	378858	3	14.39	2959170	20.0
(DEL) Alkane: Str...	15.63	9.4	ng/ul	1384810	3	14.39	2959170	20.0
(DEL) Alkane: Str...	16.12	10.6	ng/ul	1589400	4	17.14	2990000	20.0
(DEL) Alkane: Str...	16.93	2.9	ng/ul	432637	4	17.14	2990000	20.0
n-Hexadecanoic acid	18.03	2.7	ng/ul	397738	4	17.14	2990000	20.0
1-Nonadecanol	21.03	3.2	ng/ul	412122	5	21.33	2606010	20.0