

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
 Data File : BM018078.D
 Acq On : 12 Dec 2018 03:53
 Operator : JU/SJ
 Sample : J6171-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9Y08

Integration Parameters: LSCINT.P

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

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.746	125	129	138	rVB2	18467	31624	0.80%	0.058%
2	4.734	288	297	304	rBV2	198960	327113	8.23%	0.599%
3	4.793	304	307	311	rVB5	17050	26994	0.68%	0.049%
4	6.063	516	523	527	rVV5	16600	31336	0.79%	0.057%
5	6.110	527	531	536	rBV	27061	37630	0.95%	0.069%
6	6.192	540	545	547	rVV4	24092	38800	0.98%	0.071%
7	6.216	547	549	555	rVB	27745	39095	0.98%	0.072%
8	6.681	624	628	631	rVV5	35226	53471	1.35%	0.098%
9	6.739	631	638	655	rVB2	258208	603433	15.18%	1.105%
10	6.898	655	665	673	rBV	246814	408403	10.27%	0.748%
11	7.087	691	697	709	rVB	319178	563220	14.17%	1.031%
12	7.510	762	769	770	rBV2	65942	92442	2.33%	0.169%
13	7.545	770	775	783	rVB	566797	897666	22.58%	1.644%
14	7.716	797	804	807	rVV5	25142	46426	1.17%	0.085%
15	7.810	812	820	826	rVV5	37612	91531	2.30%	0.168%
16	8.075	861	865	871	rVB4	35113	58015	1.46%	0.106%
17	8.263	891	897	907	rBV	277284	532905	13.41%	0.976%
18	8.345	907	911	914	rBV2	31633	44145	1.11%	0.081%
19	8.504	929	938	942	rBV7	14103	31282	0.79%	0.057%
20	8.598	947	954	955	rBV3	45511	72940	1.84%	0.134%
21	8.628	955	959	964	rVV4	61268	115305	2.90%	0.211%
22	8.704	966	972	980	rVB	281081	521282	13.11%	0.955%
23	8.828	989	993	996	rBV4	33614	62647	1.58%	0.115%
24	8.863	996	999	1005	rVB6	47565	92040	2.32%	0.169%
25	9.104	1034	1040	1045	rVV7	23459	62915	1.58%	0.115%
26	9.157	1045	1049	1054	rVB4	60372	92066	2.32%	0.169%
27	9.228	1055	1061	1066	rVV4	74742	123837	3.12%	0.227%
28	9.416	1084	1093	1101	rBV2	255857	613109	15.42%	1.123%
29	9.486	1101	1105	1114	rVV6	94912	174048	4.38%	0.319%
30	9.592	1118	1123	1126	rBV5	18961	28409	0.71%	0.052%
31	9.716	1138	1144	1149	rBV	56458	123867	3.12%	0.227%
32	9.798	1155	1158	1164	rVB7	20715	33545	0.84%	0.061%
33	9.898	1168	1175	1179	rBV5	45701	100577	2.53%	0.184%
34	9.951	1179	1184	1192	rBV	267611	529706	13.33%	0.970%

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35	10.086	1203	1207	1213	rVB7	38681	61054	1.54%	0.112%
36	10.163	1216	1220	1224	rBV2	44097	67201	1.69%	0.123%
37	10.204	1224	1227	1230	rBV2	26485	34497	0.87%	0.063%
38	10.263	1230	1237	1239	rVV5	61025	106054	2.67%	0.194%
39	10.310	1239	1245	1253	rVB	845909	1455400	36.62%	2.665%
40	10.422	1260	1264	1267	rBV5	60965	90452	2.28%	0.166%
41	10.469	1267	1272	1278	rVV2	476482	805954	20.28%	1.476%
42	10.527	1279	1282	1288	rVV3	84357	167245	4.21%	0.306%
43	10.586	1289	1292	1299	rVB6	59381	114265	2.87%	0.209%
44	10.675	1304	1307	1310	rBV3	41967	70417	1.77%	0.129%
45	10.786	1321	1326	1335	rVB4	124302	214004	5.38%	0.392%
46	10.922	1345	1349	1351	rBV4	26684	36463	0.92%	0.067%
47	10.969	1352	1357	1359	rVV5	114928	189518	4.77%	0.347%
48	10.998	1359	1362	1369	rVB2	163515	264749	6.66%	0.485%
49	11.145	1381	1387	1394	rBV8	58295	151877	3.82%	0.278%
50	11.280	1407	1410	1413	rBV4	39303	63413	1.60%	0.116%
51	11.327	1413	1418	1427	rVV2	436837	810911	20.40%	1.485%
52	11.486	1440	1445	1450	rBV4	83881	157480	3.96%	0.288%
53	11.580	1456	1461	1466	rBV3	169975	263682	6.63%	0.483%
54	11.663	1472	1475	1479	rVB3	91487	126700	3.19%	0.232%
55	11.722	1480	1485	1487	rBV4	81716	145381	3.66%	0.266%
56	11.874	1507	1511	1516	rVB6	141487	220725	5.55%	0.404%
57	11.963	1516	1526	1534	rVB4	269130	742548	18.68%	1.360%
58	12.039	1534	1539	1541	rBV4	72913	124693	3.14%	0.228%
59	12.110	1548	1551	1553	rBV3	36988	51530	1.30%	0.094%
60	12.139	1553	1556	1560	rVV4	80987	111413	2.80%	0.204%
61	12.186	1561	1564	1568	rBV5	48170	94417	2.38%	0.173%
62	12.445	1604	1608	1614	rVB2	234714	433299	10.90%	0.794%
63	12.516	1615	1620	1626	rBV9	74379	155115	3.90%	0.284%
64	12.598	1629	1634	1641	rVB7	107272	227515	5.72%	0.417%
65	12.669	1642	1646	1648	rBV4	82687	135840	3.42%	0.249%
66	12.716	1649	1654	1658	rVB	798943	1138198	28.64%	2.084%
67	12.980	1695	1699	1703	rBV2	286918	423020	10.64%	0.775%
68	13.027	1703	1707	1711	rVV2	300629	409491	10.30%	0.750%
69	13.104	1716	1720	1728	rVV3	268511	589271	14.83%	1.079%
70	13.174	1729	1732	1736	rVB3	175347	228974	5.76%	0.419%
71	13.239	1736	1743	1753	rBV8	169654	449035	11.30%	0.822%

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72	13.351	1760	1762	1768	rVB2	76590	86691	2.18%	0.159%
73	13.510	1786	1789	1794	rVB4	168259	247940	6.24%	0.454%
74	13.616	1803	1807	1811	rVB	674742	915032	23.02%	1.676%
75	13.674	1812	1817	1822	rVB3	1364967	2013809	50.66%	3.688%
76	13.886	1848	1853	1861	rVB	932584	1325819	33.36%	2.428%
77	14.086	1884	1887	1889	rBV3	90959	130406	3.28%	0.239%
78	14.110	1889	1891	1894	rVV3	156394	183292	4.61%	0.336%
79	14.198	1898	1906	1913	rVB2	1377369	2501228	62.93%	4.581%
80	14.610	1972	1976	1981	rBV4	340751	494890	12.45%	0.906%
81	14.727	1992	1996	2001	rBV2	499116	791407	19.91%	1.449%
82	14.827	2008	2013	2017	rBV	285856	528140	13.29%	0.967%
83	15.027	2045	2047	2053	rVB3	212470	290430	7.31%	0.532%
84	15.198	2072	2076	2080	rVB	1077217	1425667	35.87%	2.611%
85	15.245	2081	2084	2087	rBV4	161381	192080	4.83%	0.352%
86	15.474	2117	2123	2128	rVB	1970747	3023137	76.06%	5.536%
87	15.557	2135	2137	2140	rVB2	190366	143487	3.61%	0.263%
88	15.674	2154	2157	2161	rBV4	251630	338043	8.50%	0.619%
89	15.951	2198	2204	2209	rBV	2679118	3974819	100.00%	7.279%
90	16.774	2339	2344	2356	rVB	2106510	3461609	87.09%	6.339%
91	16.956	2370	2375	2382	rBV2	1574241	2584185	65.01%	4.733%
92	17.056	2388	2392	2398	rVB	1088733	1601016	40.28%	2.932%
93	17.380	2443	2447	2452	rVB	729150	1075205	27.05%	1.969%
94	18.962	2713	2716	2722	rBV4	444249	679304	17.09%	1.244%
95	19.309	2772	2775	2779	rVB2	526799	617536	15.54%	1.131%
96	19.362	2780	2784	2789	rVV	1185243	1605869	40.40%	2.941%
97	19.556	2814	2817	2822	rVB3	570425	854959	21.51%	1.566%
98	21.168	3087	3091	3100	rVB	1675660	2360336	59.38%	4.323%
99	23.209	3433	3438	3450	rVB	759795	1516348	38.15%	2.777%
100	23.344	3457	3461	3470	rVB2	1128503	2008067	50.52%	3.677%

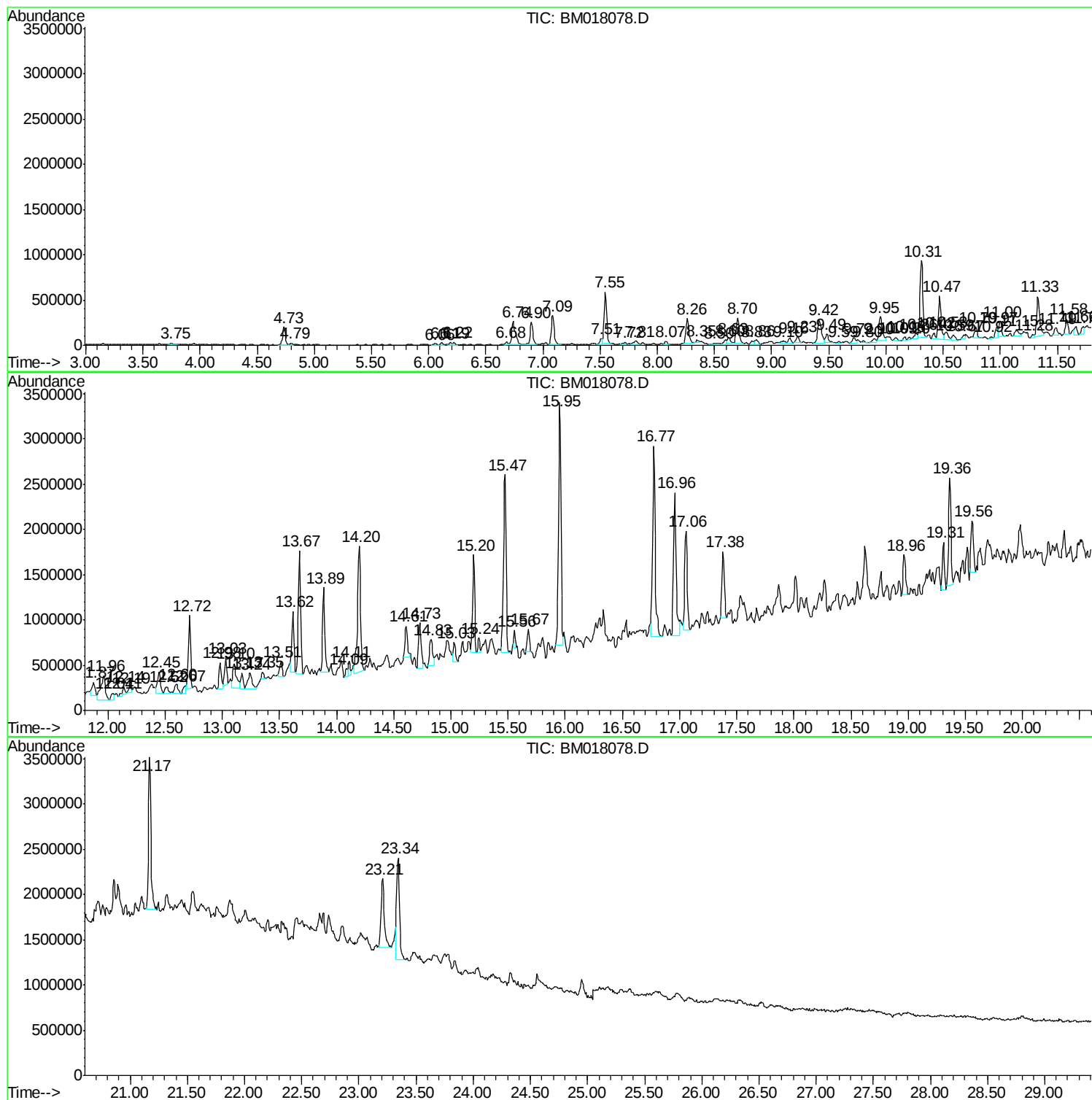
Sum of corrected areas: 54604376

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

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



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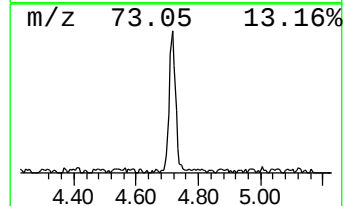
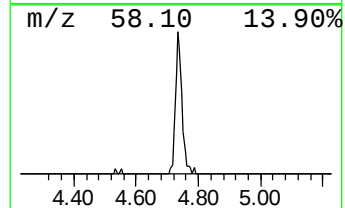
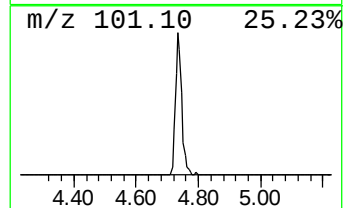
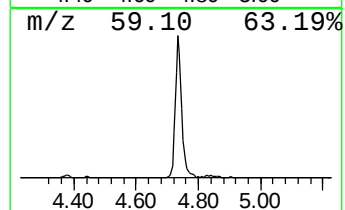
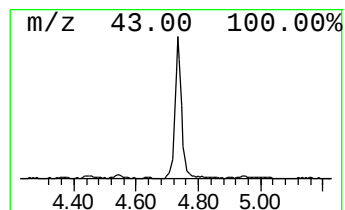
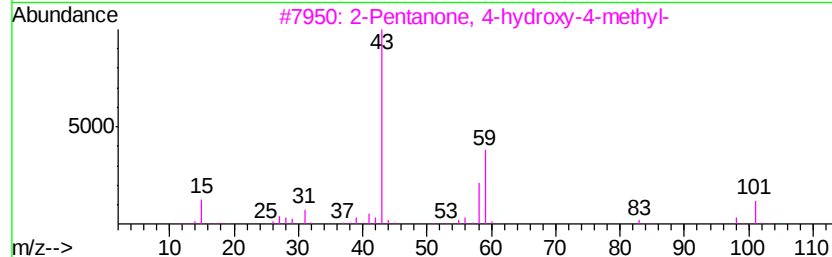
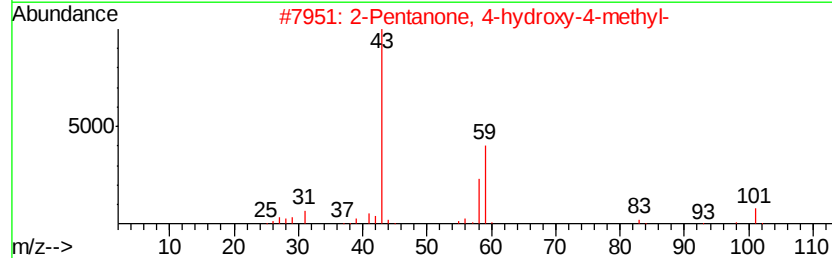
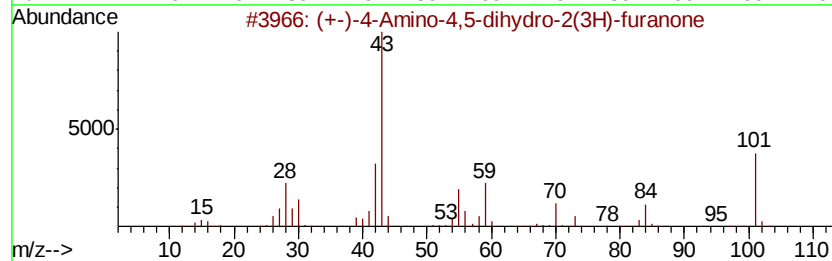
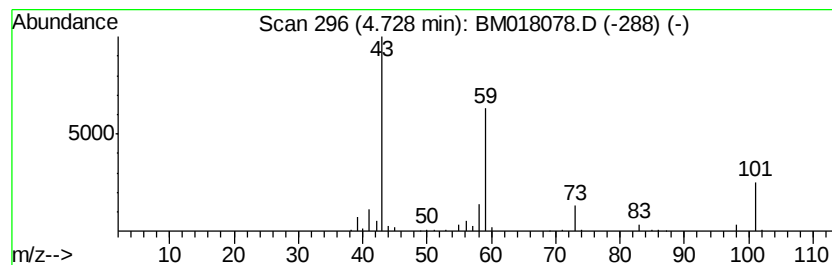
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	7.29 ng/ul	327113	1,4-Dichlorobenzene-d4	7.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47		
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45		
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38		
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	37		
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	36		



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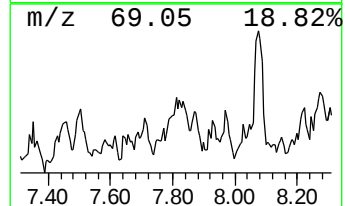
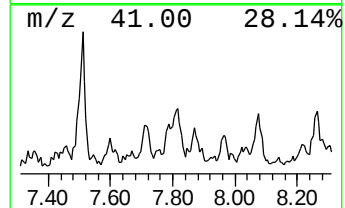
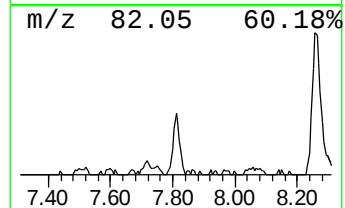
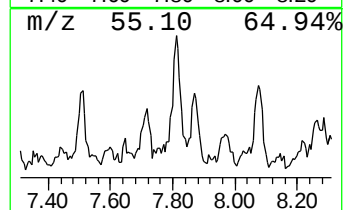
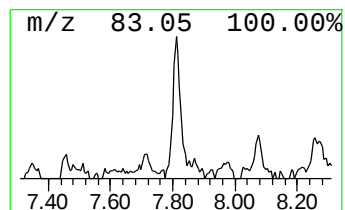
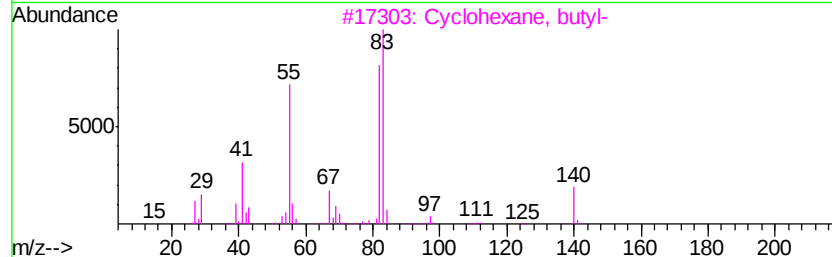
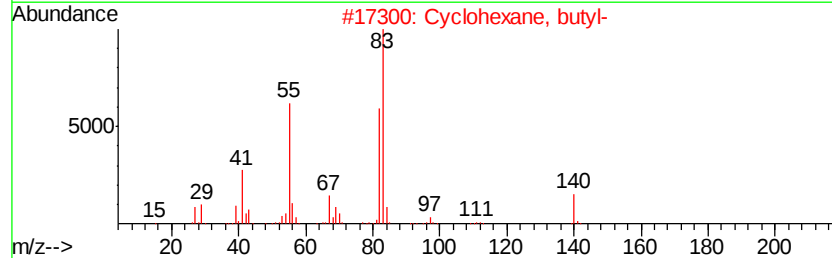
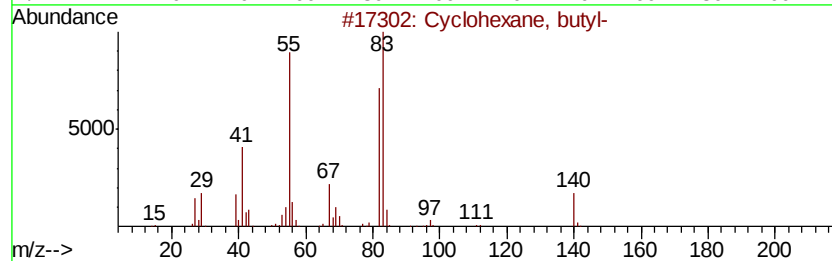
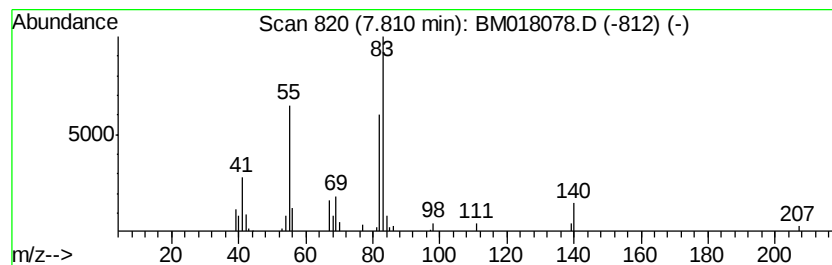
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic7.81 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	2.04 ng/ul	91531	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	87
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	87
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	83
4		Heptylcyclohexane	182	C13H26	005617-41-4	72
5		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72



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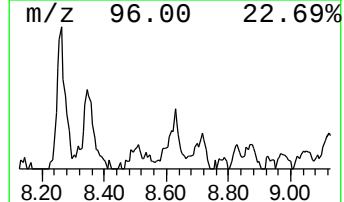
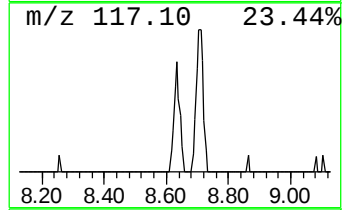
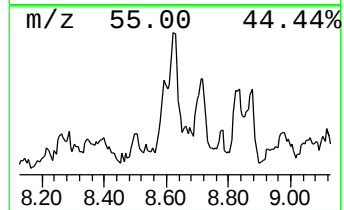
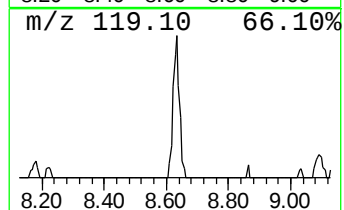
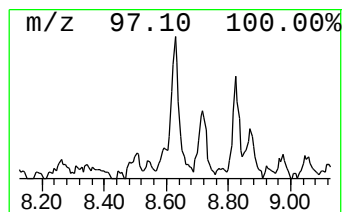
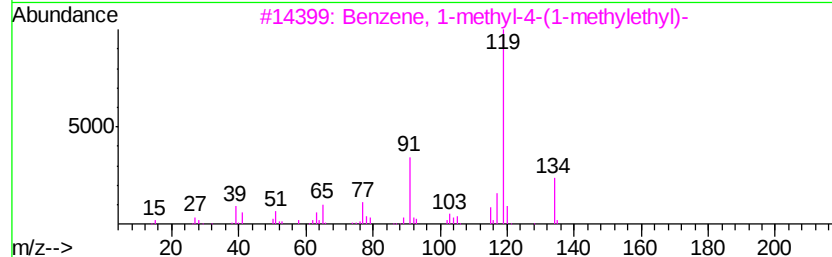
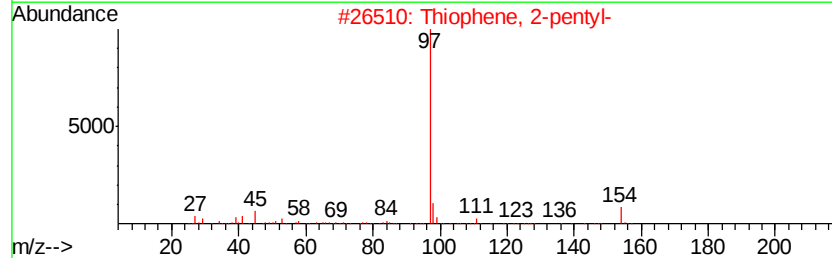
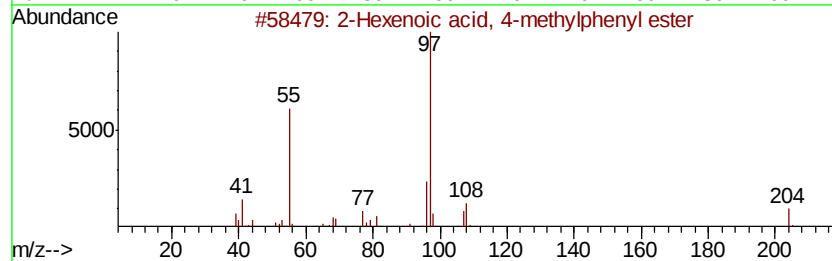
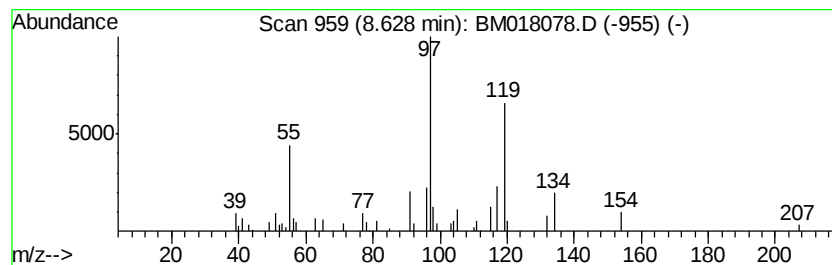
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 unknown-02 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	2.57 ng/ul	115305	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hexenoic acid, 4-methylphenyl ...	204	C13H16O2	069687-91-8	35
2		Thiophene, 2-pentyl-	154	C9H14S	004861-58-9	35
3		Benzene, 1-methyl-4-(1-methylethyl-...)	134	C10H14	000099-87-6	25
4		1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	22
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	20



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Data File : BM018078.D
Acq On : 12 Dec 2018 03:53
Operator : JU/SJ
Sample : J6171-04
Misc :
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Instrument :
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ClientSampleId :
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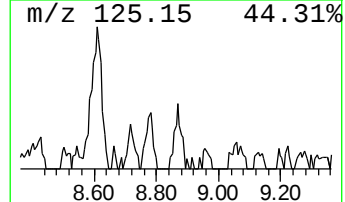
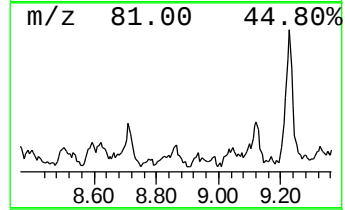
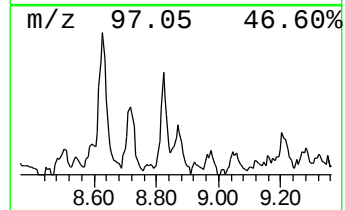
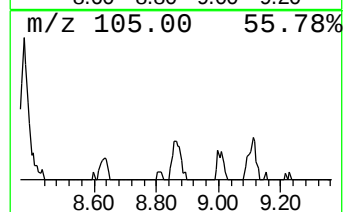
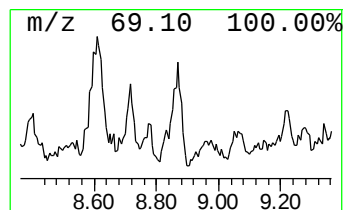
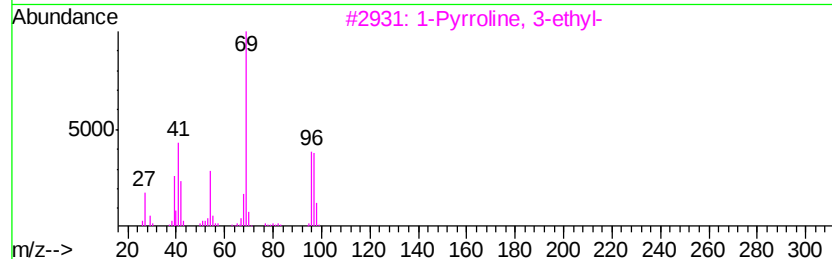
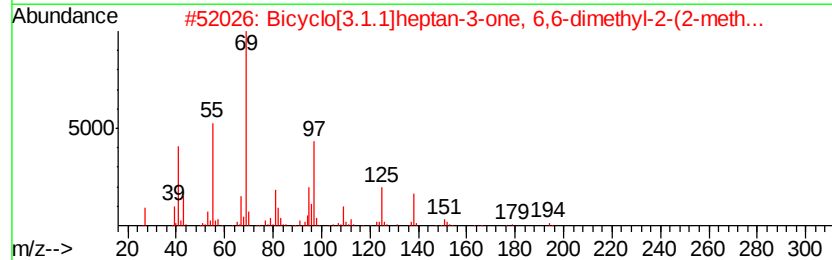
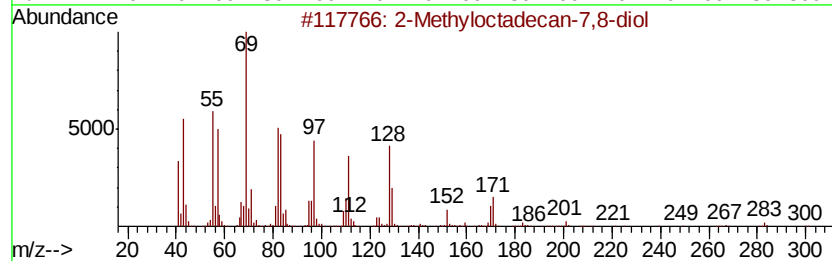
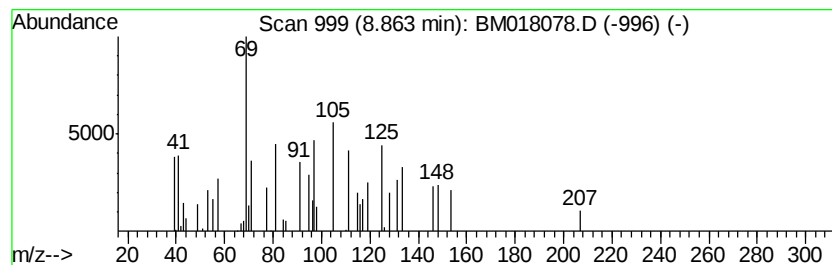
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-03 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	2.05 ng/ul	92040	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methyloctadecan-7,8-diol	300	C19H40O2	1000130-91-8	23
2		Bicyclo[3.1.1]heptan-3-one, 6,6-dimethyl-2-(2-methyl-2-propenyl)-	194	C13H22O	1000163-97-9	12
3		1-Pyrroline, 3-ethyl-	97	C6H11N	1000073-06-0	12
4		Cyclooctanemethanol	142	C9H18O	003637-63-6	10
5		2-Butyn-1-ol	70	C4H6O	000764-01-2	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
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Acq On : 12 Dec 2018 03:53
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Sample : J6171-04
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ClientSampleId :
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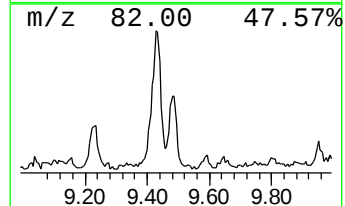
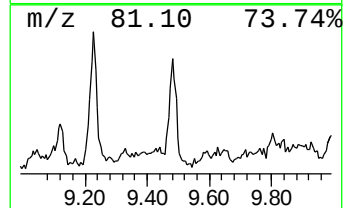
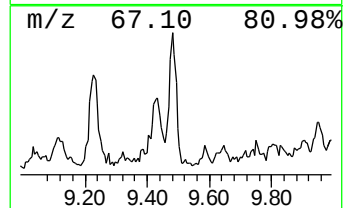
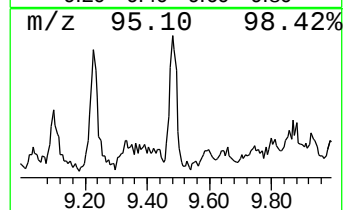
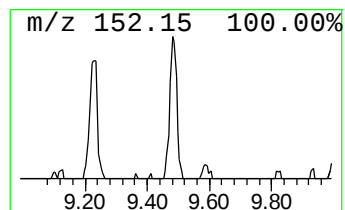
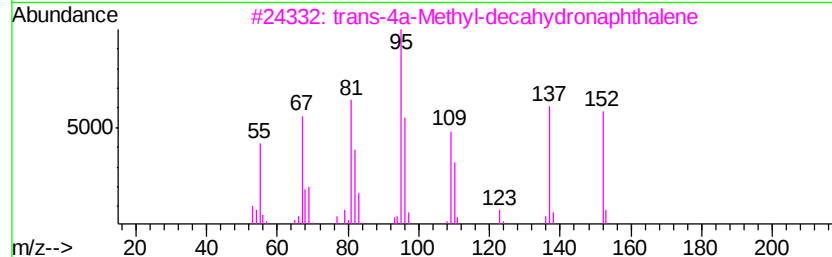
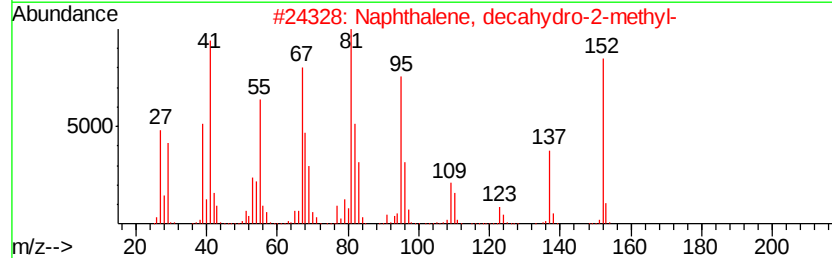
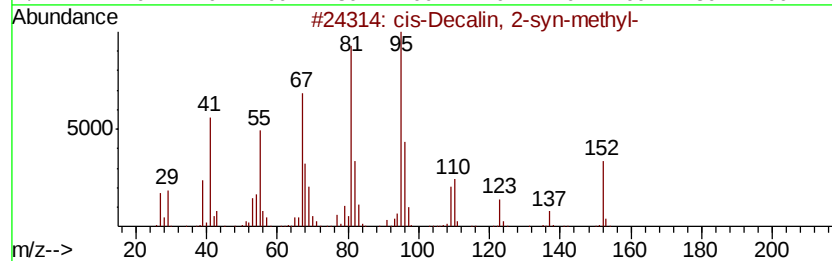
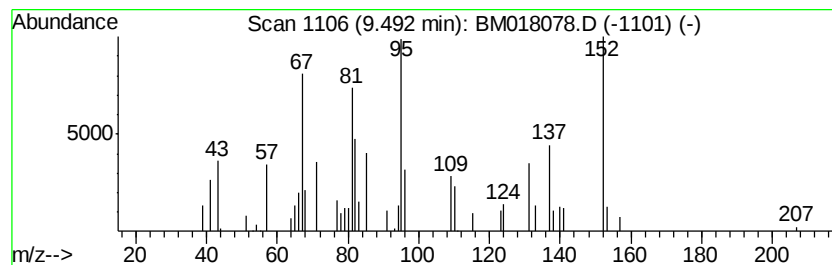
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 cis-Decalin, 2-syn-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	2.39 ng/ul	174048	Naphthalene-d8	10.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	83
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	68
3		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	64
4		4,5-Nonadiene, 2-methyl-	138	C10H18	055956-32-6	64
5		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018078.D
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Sample : J6171-04
Misc :
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ClientSampleId :
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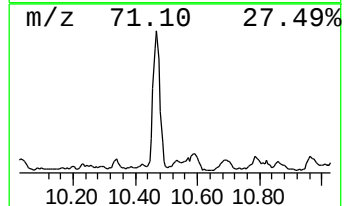
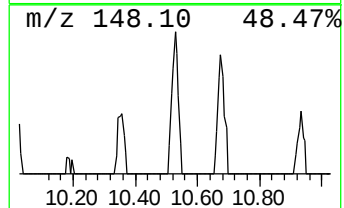
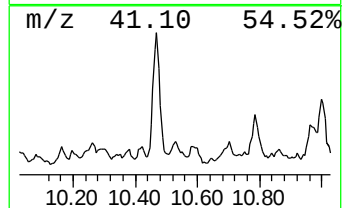
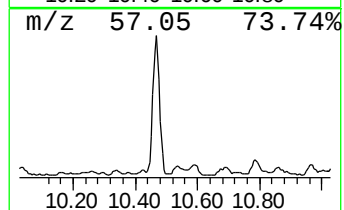
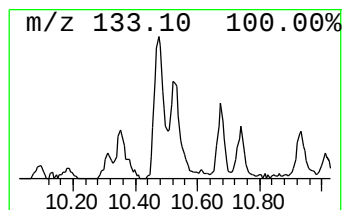
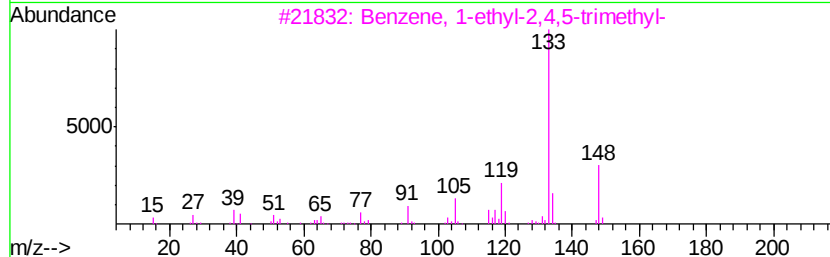
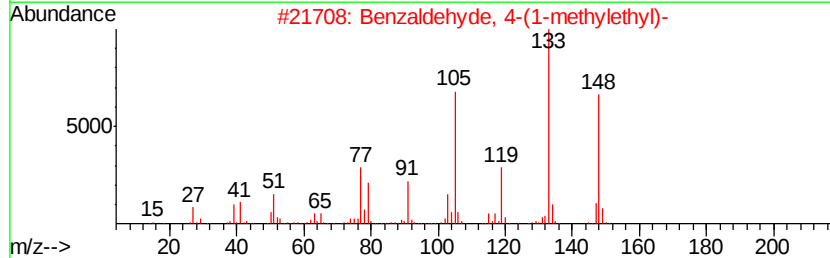
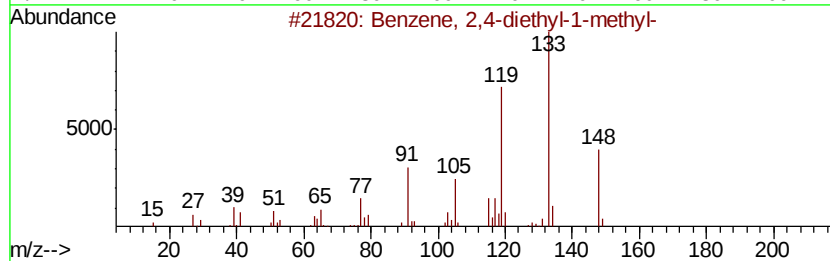
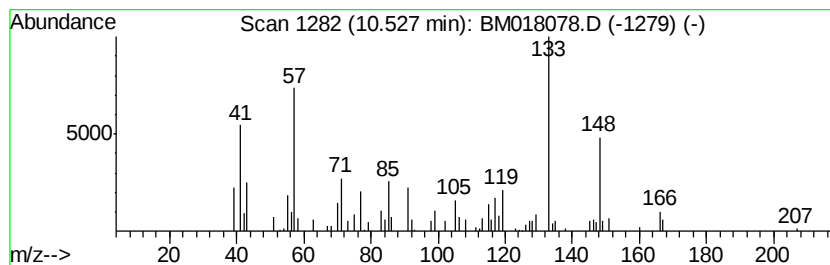
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	2.30 ng/ul	167245	Naphthalene-d8	10.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	53
2		Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	50
3		Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	49
4		3,4-Hexadien-2-ol, 3-isopropenyl...	166	C11H18O	015448-75-6	47
5		Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018078.D
Acq On : 12 Dec 2018 03:53
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Sample : J6171-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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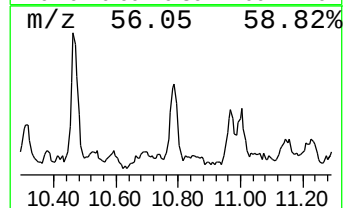
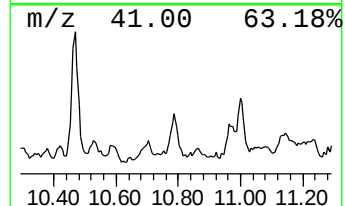
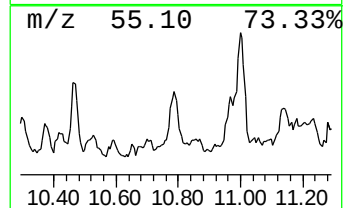
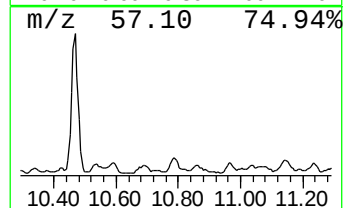
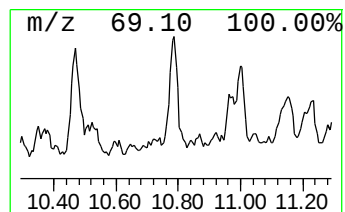
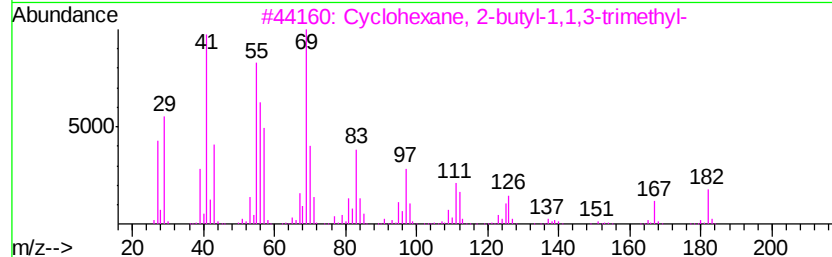
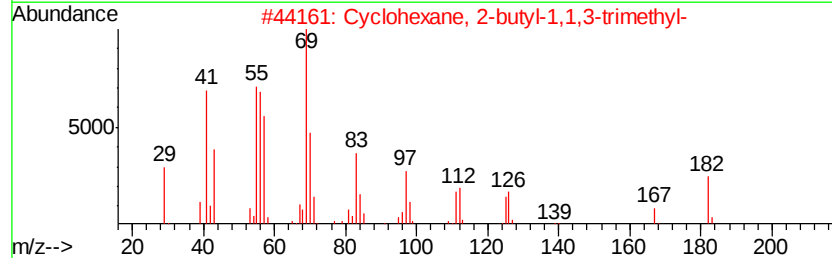
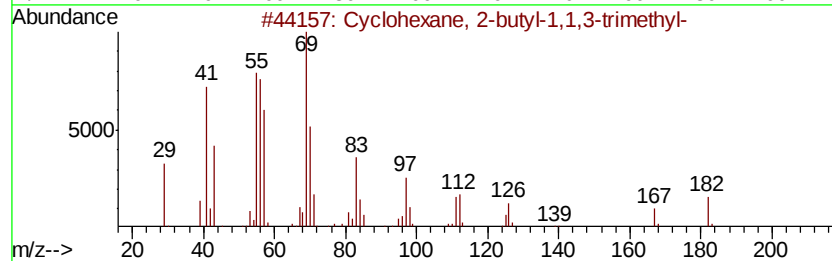
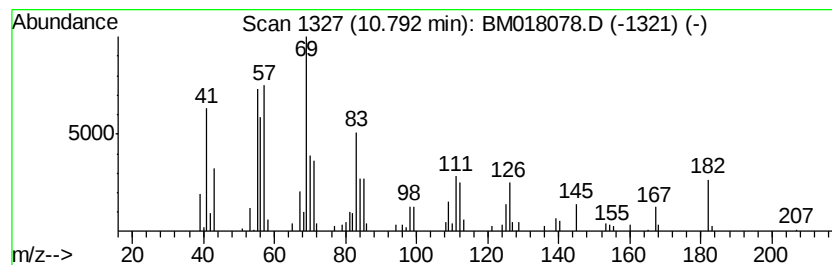
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic10.79 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	2.94 ng/ul	214004	Naphthalene-d8	10.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	91
3		Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	90
4		Cyclopentane, butyl-	126	C9H18	002040-95-1	74
5		Cyclopentane, propyl-	112	C8H16	002040-96-2	68



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Misc :
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Instrument :
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ClientSampleId :
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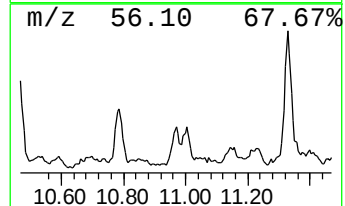
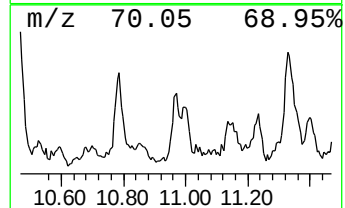
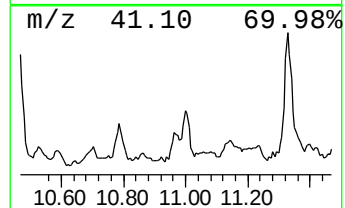
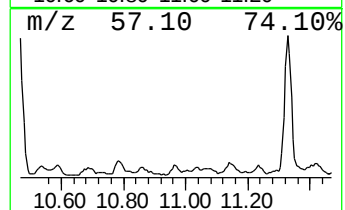
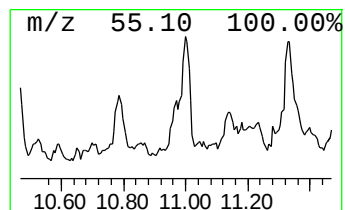
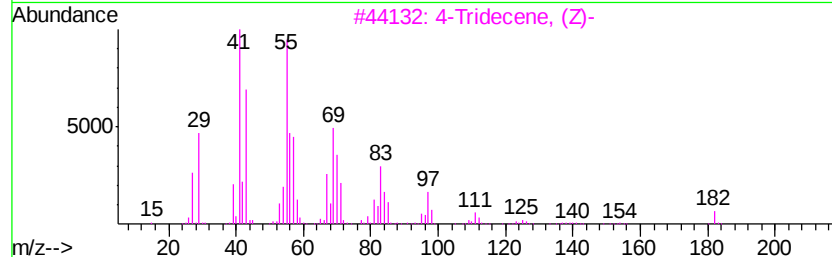
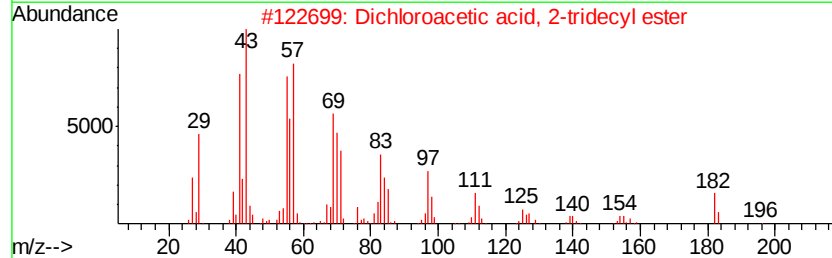
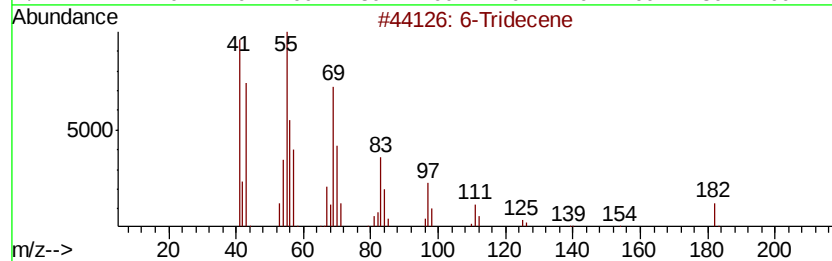
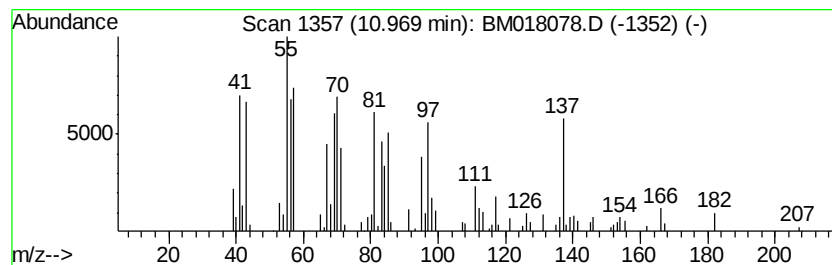
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Cyclic10.97 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	2.60 ng/ul	189518	Naphthalene-d8	10.31

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Tridecene	182	C13H26	024949-38-0	55
2			Dichloroacetic acid, 2-tridecyl ...	310	C15H28Cl2O2	1000280-64-1	49
3			4-Tridecene, (Z)-	182	C13H26	041446-54-2	49
4			17-Pentatriacontene	491	C35H70	006971-40-0	46
5			4-Heptafluorobutyroxytridecane	396	C17H27F7O2	1000245-49-6	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
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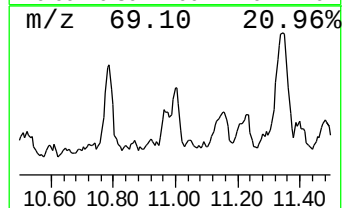
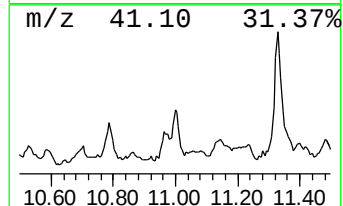
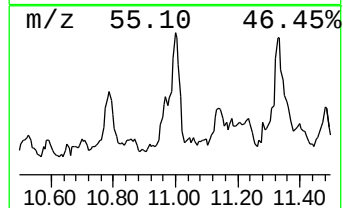
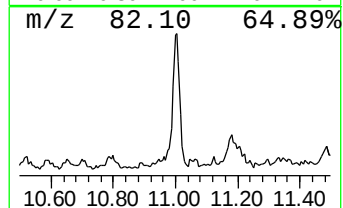
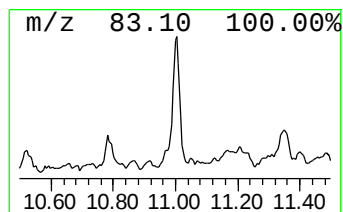
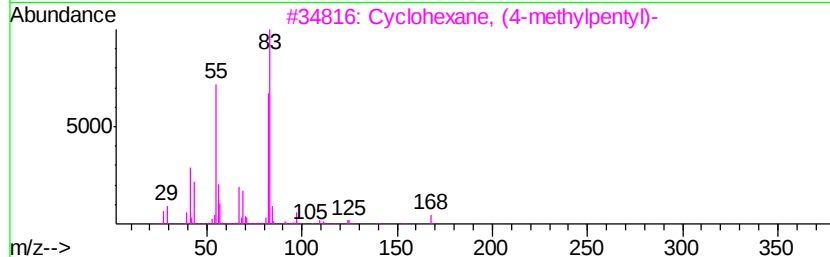
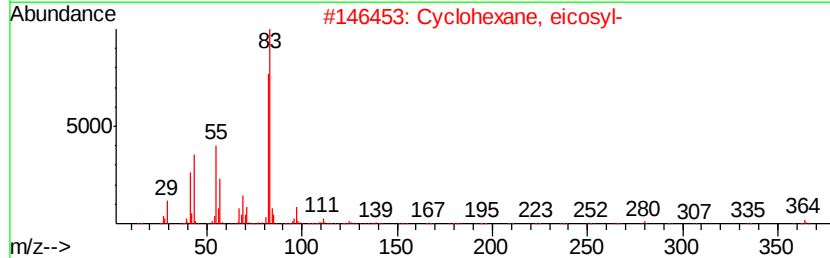
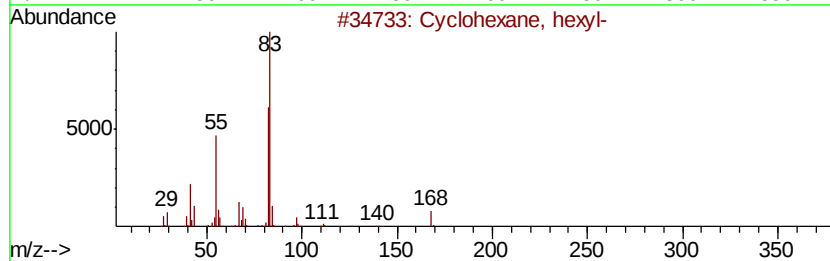
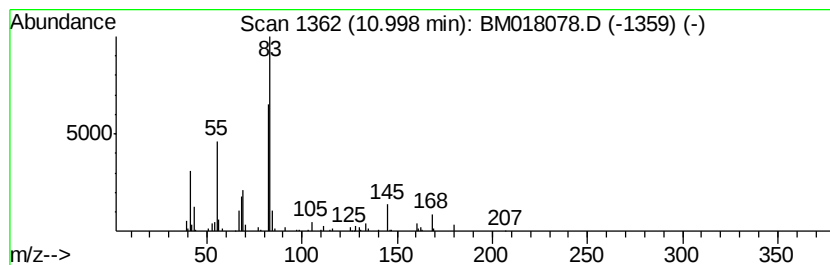
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Cyclic11.00 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	3.64 ng/ul	264749	Naphthalene-d8	10.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	72
2		Cyclohexane, eicosyl-	364	C26H52	004443-55-4	64
3		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	59
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
5		Cyclohexane, decyl-	224	C16H32	001795-16-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018078.D
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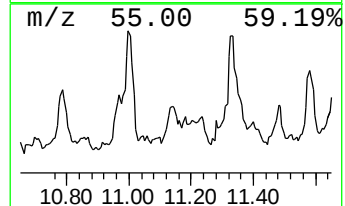
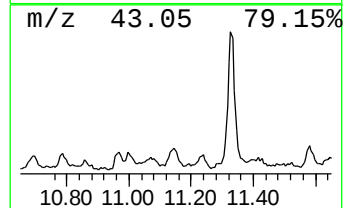
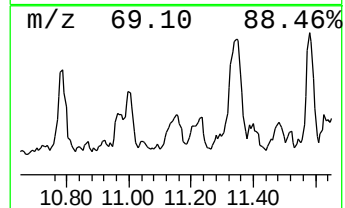
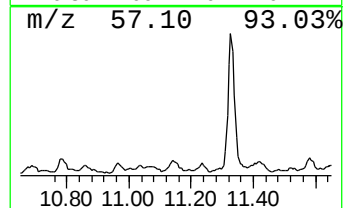
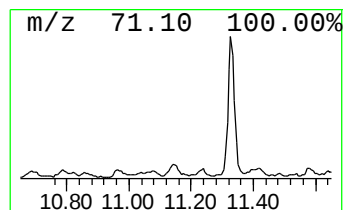
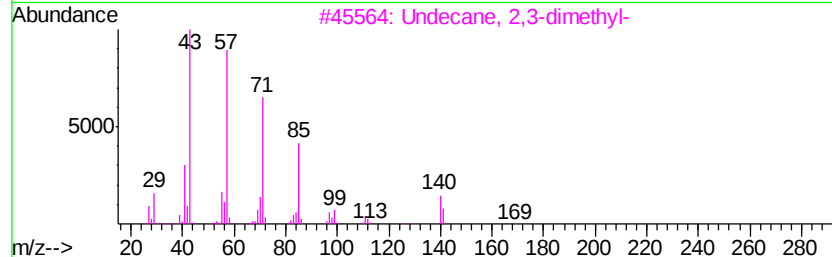
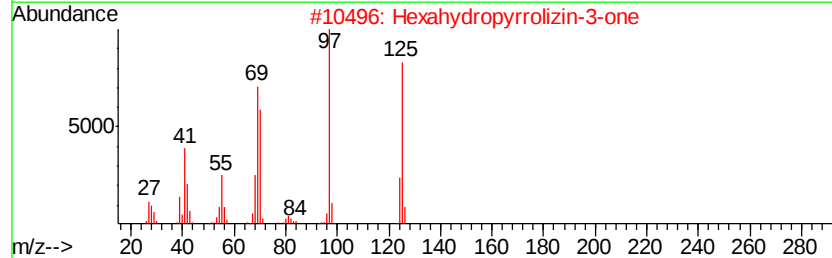
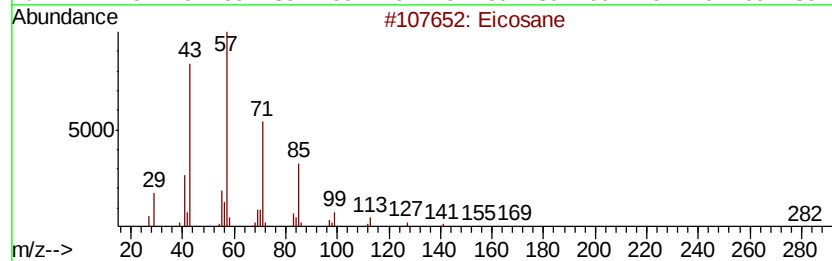
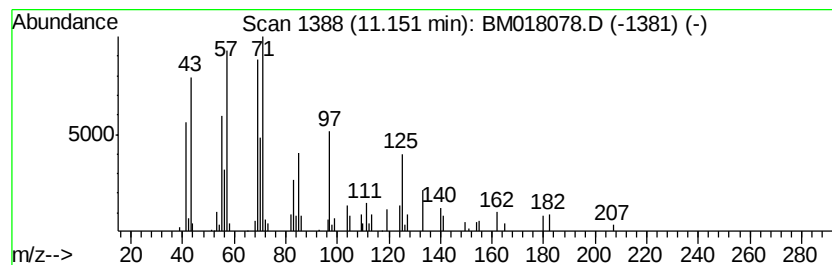
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	2.09 ng/ul	151877	Napthalene-d8	10.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	27
2		Hexahydropyrrolizin-3-one	125	C7H11NO	126424-83-7	27
3		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	22
4		Cyclohexanone, 3-butyl-	154	C10H18O	039178-69-3	14
5		Nonadecane	268	C19H40	000629-92-5	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018078.D
Acq On : 12 Dec 2018 03:53
Operator : JU/SJ
Sample : J6171-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9Y08

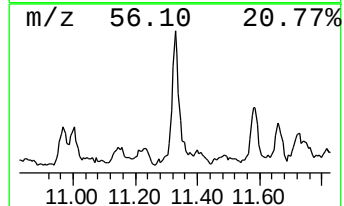
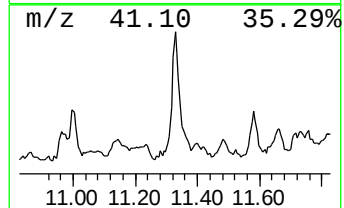
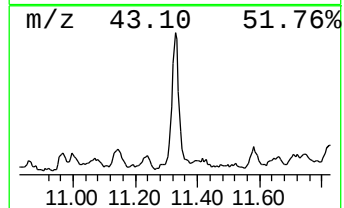
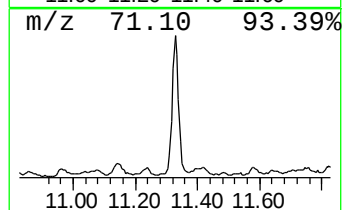
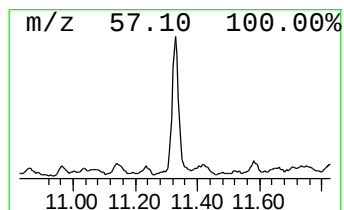
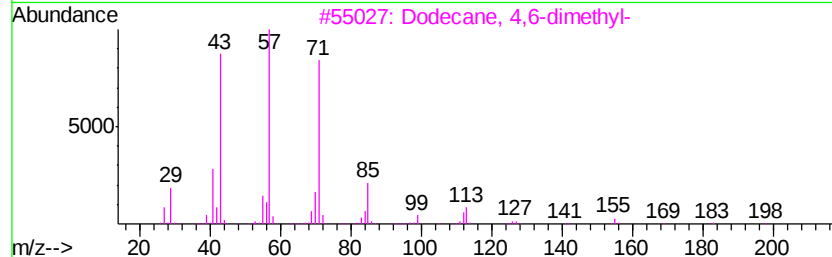
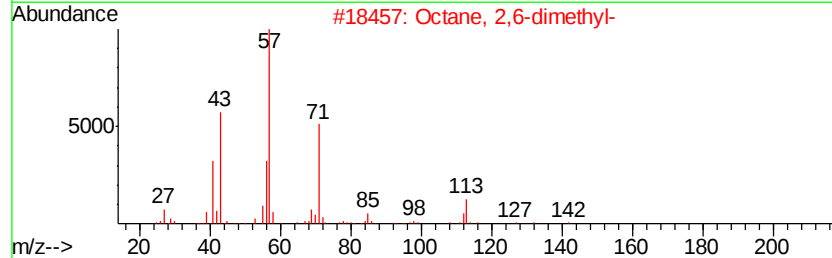
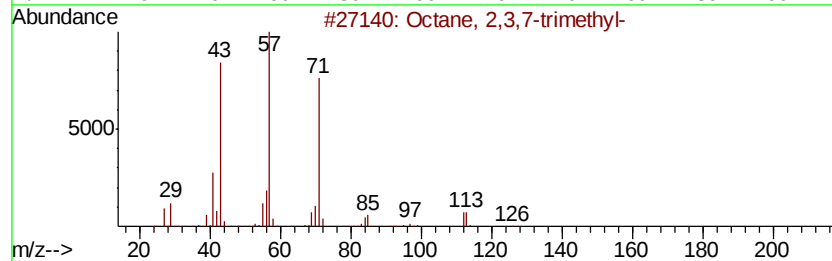
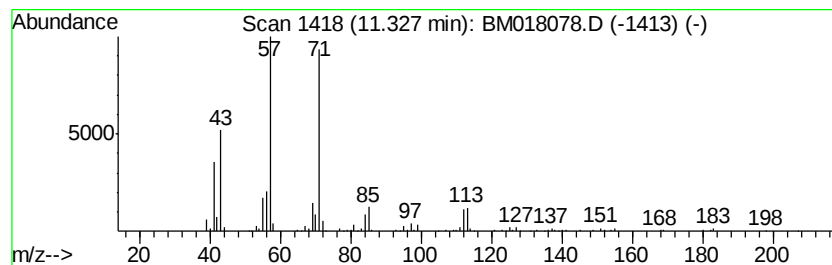
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	11.14 ng/ul	810911	Naphthalene-d8	10.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	83
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
3		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
4		Undecane, 6-ethyl-	184	C13H28	017312-60-6	64
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
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Acq On : 12 Dec 2018 03:53
Operator : JU/SJ
Sample : J6171-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

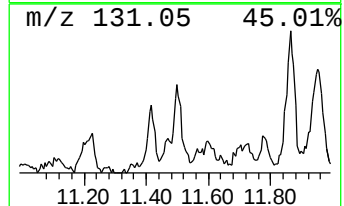
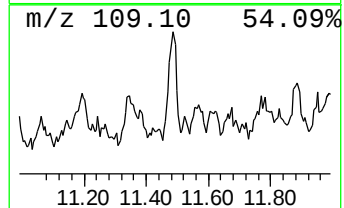
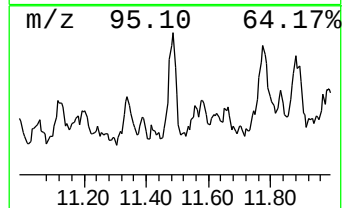
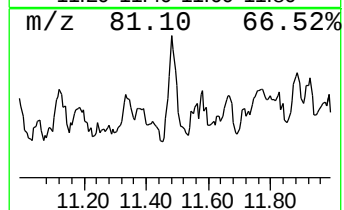
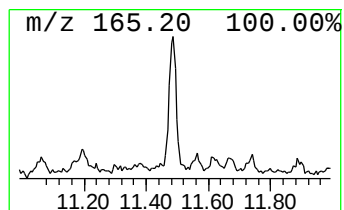
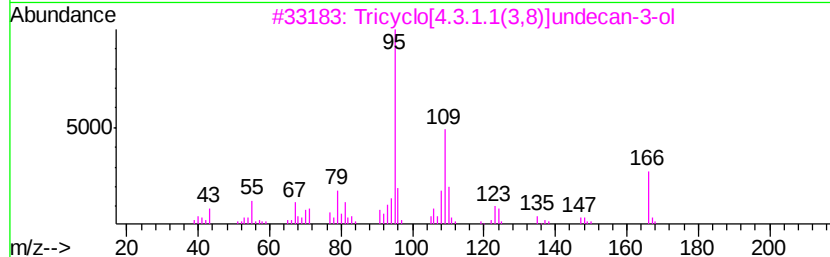
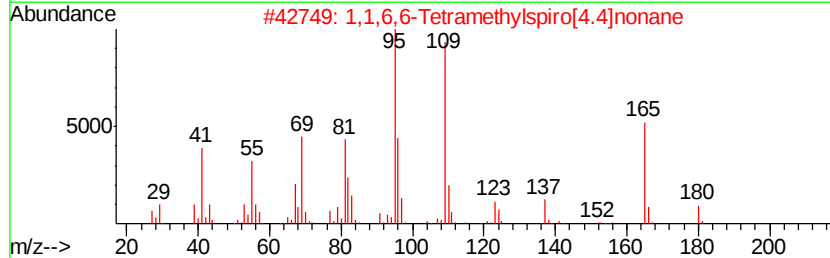
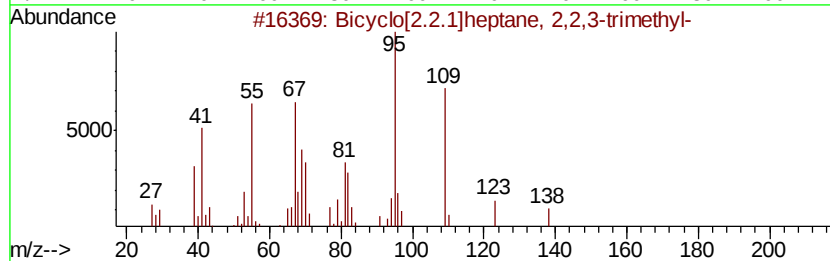
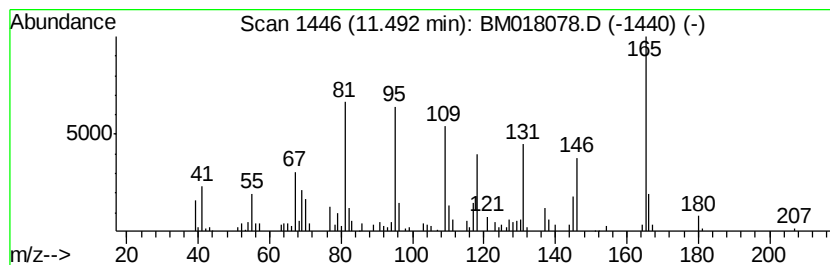
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ClientSampled :
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 unknown-04 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	2.16 ng/ul	157480	Naphthalene-d8	10.31
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicvclo[2.2.1]heptane, 2,2,3-tri...	138 C10H18	000473-19-8 38
2		1,1,6,6-Tetramethylspiro[4.4]nonane	180 C13H24	074054-92-5 38
3		Tricvclo[4.3.1.1(3,8)]undecan-3-ol	166 C11H18O	014504-80-4 38
4		(4R*,5R*,9S*)-5,9-Dimethylspiro[...	166 C11H18O	063088-19-7 35
5		4-[(1-Carboxyethyl)amino]-2(1H)-...	183 C7H9N3O3	090000-81-0 35



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018078.D
Acq On : 12 Dec 2018 03:53
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Sample : J6171-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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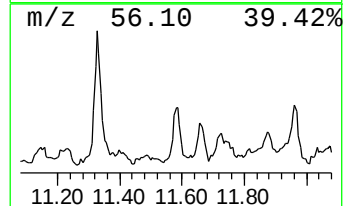
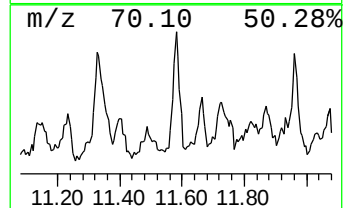
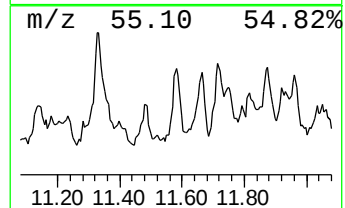
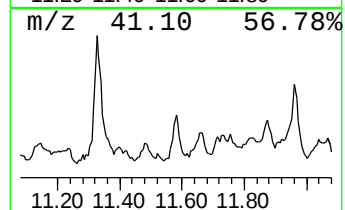
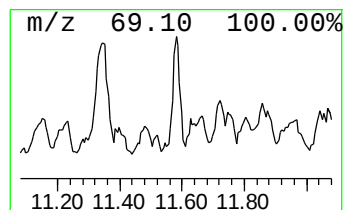
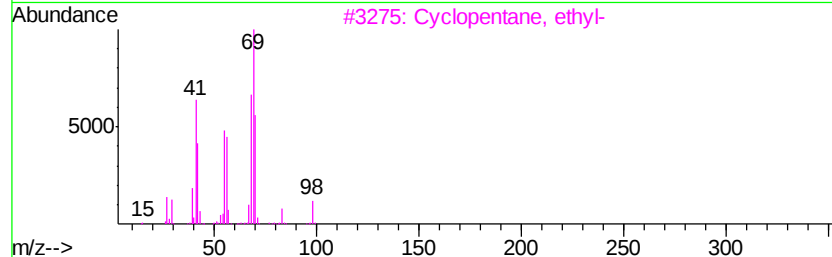
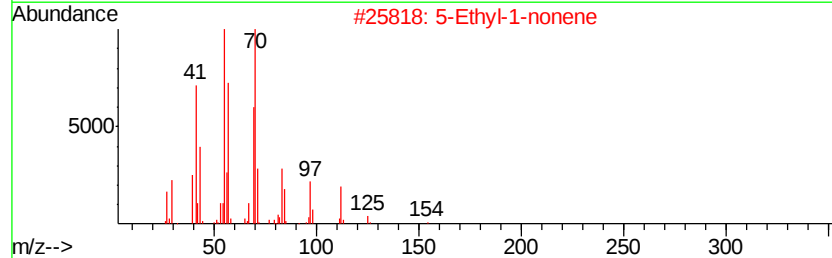
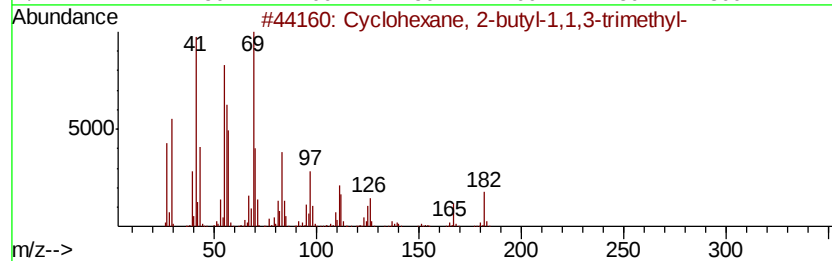
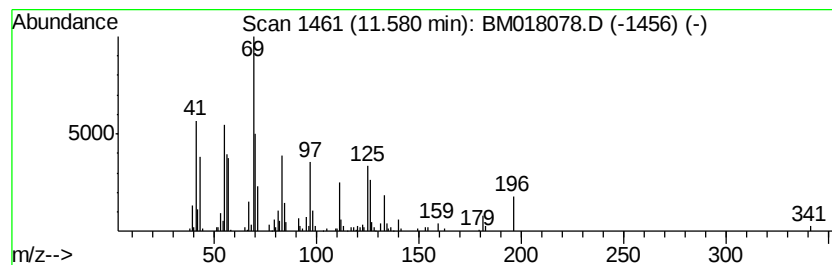
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Cyclic11.58 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	3.62 ng/ul	263682	Naphthalene-d8	10.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	83
2		5-Ethyl-1-nonene	154	C11H22	019780-74-6	49
3		Cyclopentane, ethyl-	98	C7H14	001640-89-7	49
4		3-Tetradecene, (E)-	196	C14H28	041446-68-8	46
5		3-Tridecene, (Z)-	182	C13H26	041446-53-1	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018078.D
Acq On : 12 Dec 2018 03:53
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Sample : J6171-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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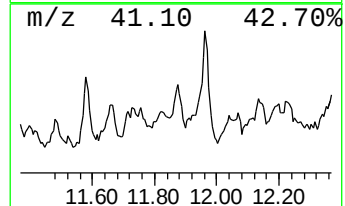
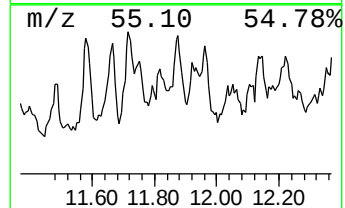
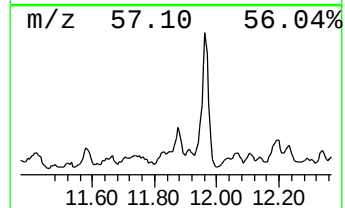
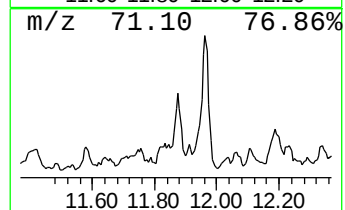
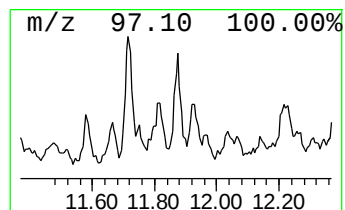
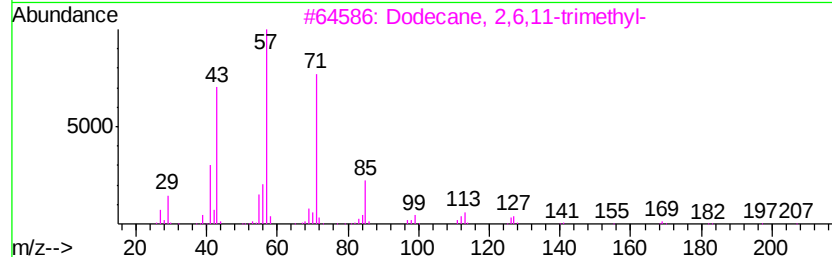
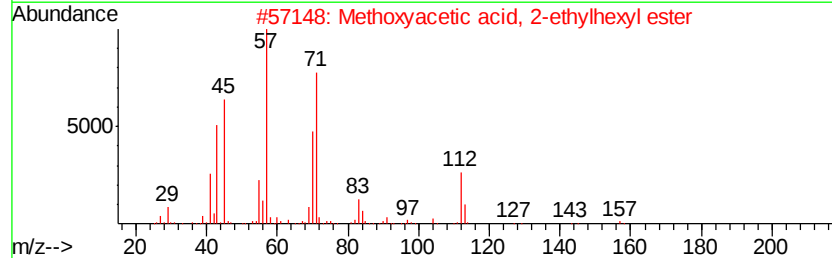
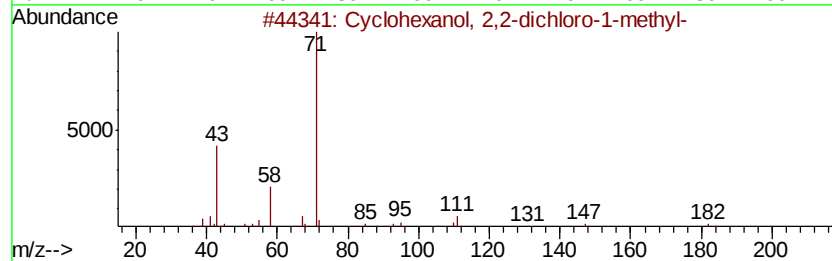
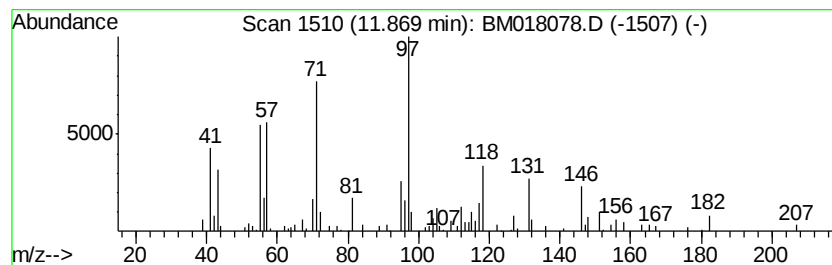
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 unknown-05 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	3.03 ng/ul	220725	Naphthalene-d8	10.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanol, 2,2-dichloro-1-met...	182	C7H12Cl2O	1000115-65-2	25
2		Methoxyacetic acid, 2-ethylhexyl...	202	C11H22O3	1000282-41-4	22
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	22
4		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	22
5		Silacyclopent-3-ene, 3-methyl-	98	C5H10Si	054077-65-5	16



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018078.D
Acq On : 12 Dec 2018 03:53
Operator : JU/SJ
Sample : J6171-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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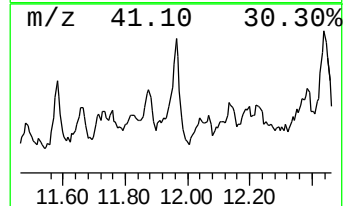
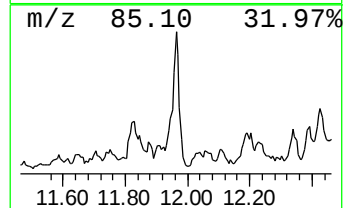
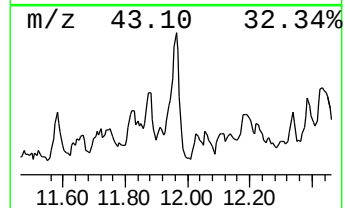
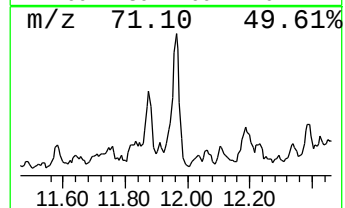
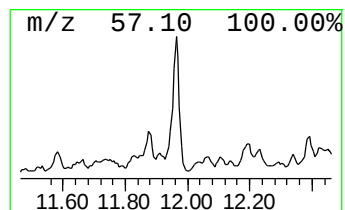
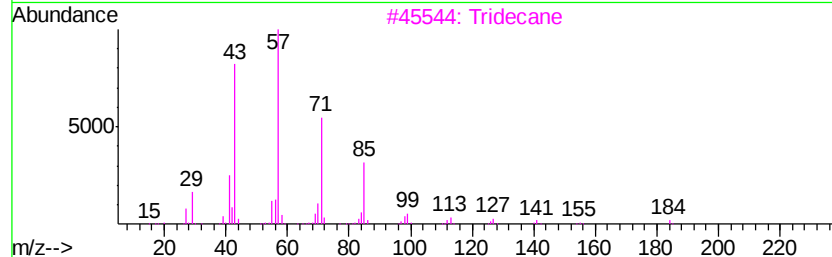
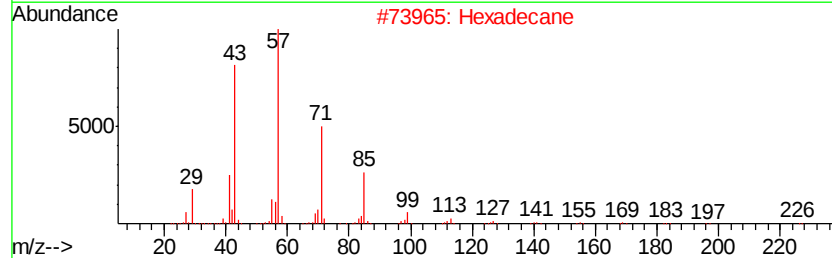
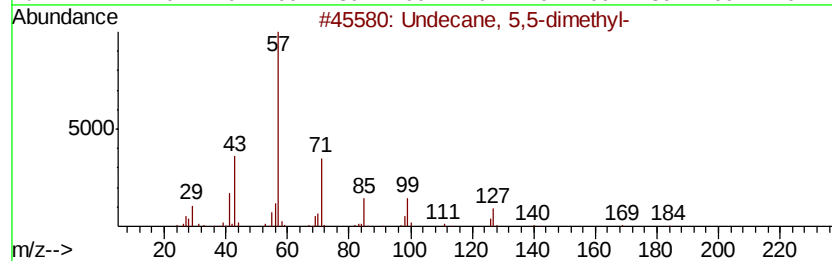
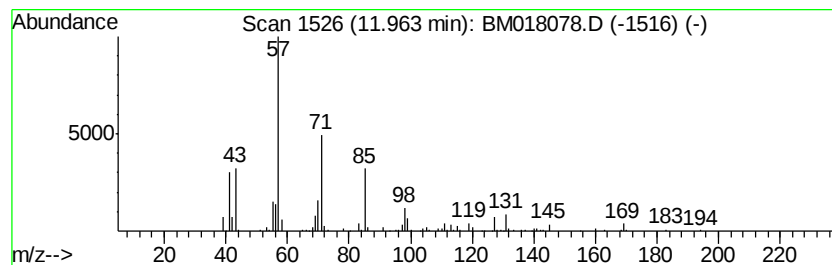
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	10.20 ng/ul	742548	Naphthalene-d8	10.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	64
2		Hexadecane	226	C16H34	000544-76-3	53
3		Tridecane	184	C13H28	000629-50-5	53
4		Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	53
5		Undecane	156	C11H24	001120-21-4	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
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Sample : J6171-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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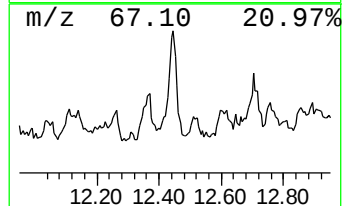
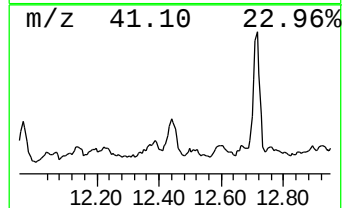
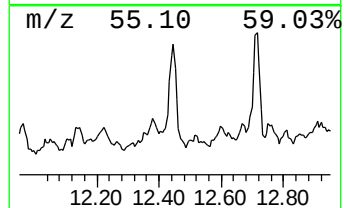
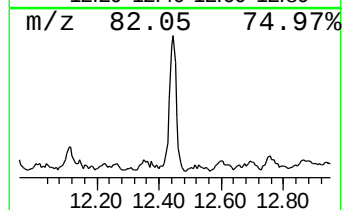
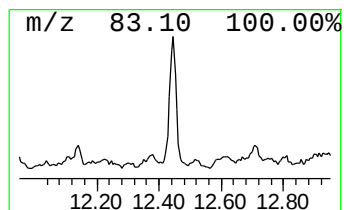
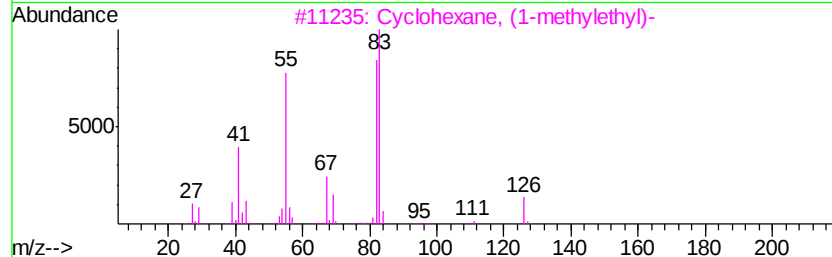
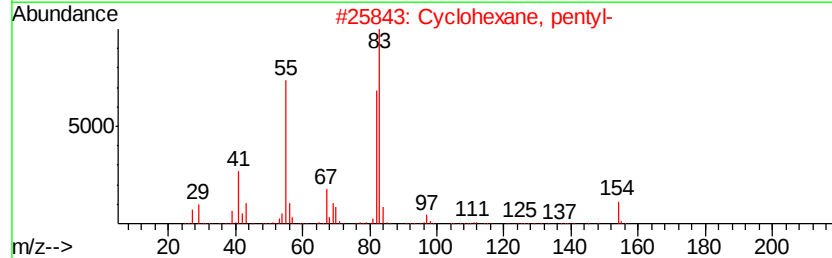
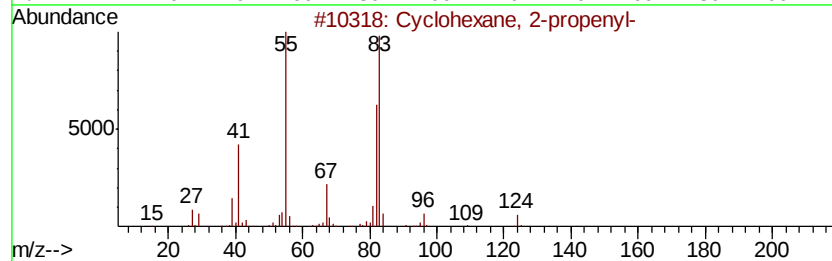
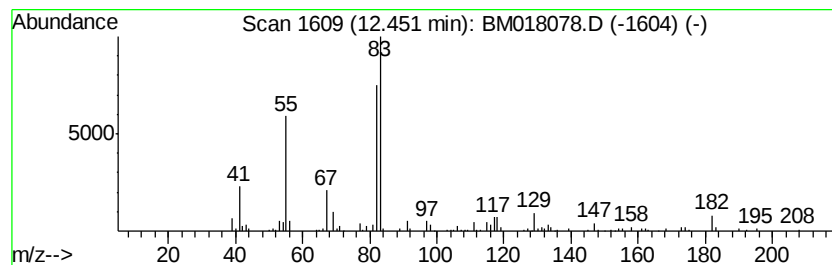
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Cyclohexane, 2-propenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	3.46 ng/ul	433299	Acenaphthene-d10	14.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	56
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	56
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	56
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018078.D
Acq On : 12 Dec 2018 03:53
Operator : JU/SJ
Sample : J6171-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9Y08

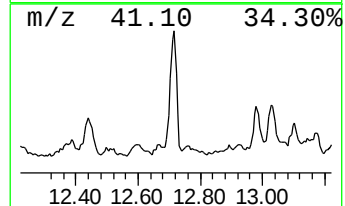
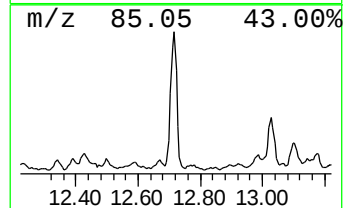
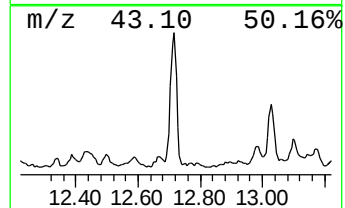
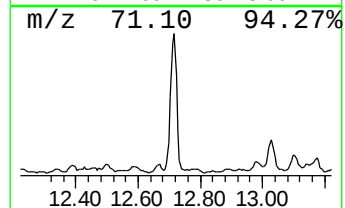
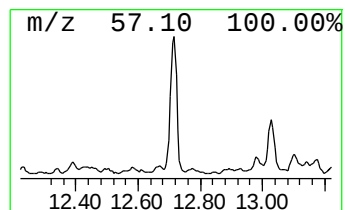
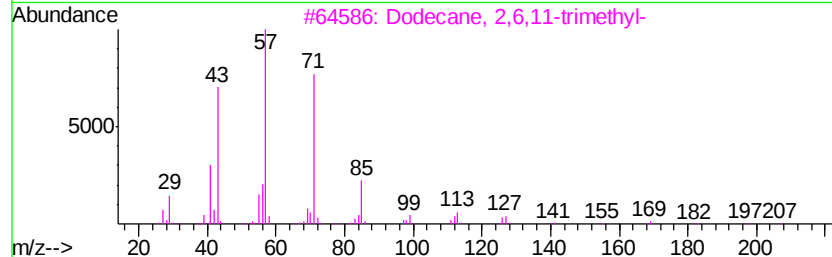
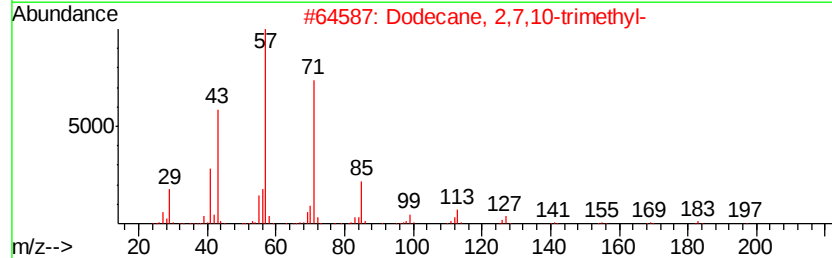
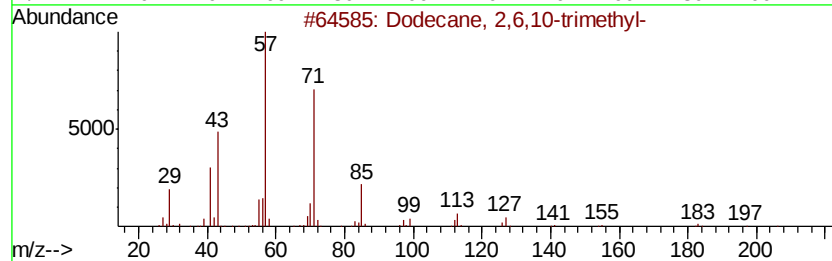
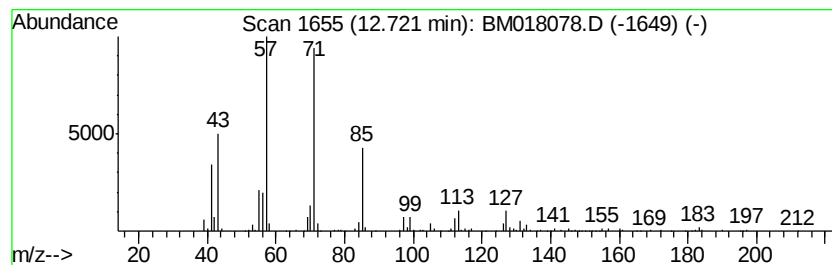
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	9.10 ng/ul	1138200	Acenaphthene-d10	14.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018078.D
Acq On : 12 Dec 2018 03:53
Operator : JU/SJ
Sample : J6171-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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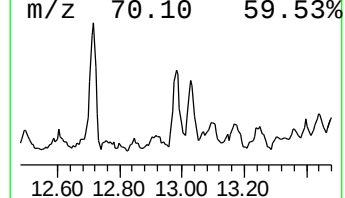
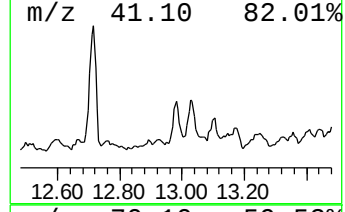
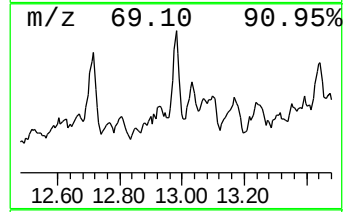
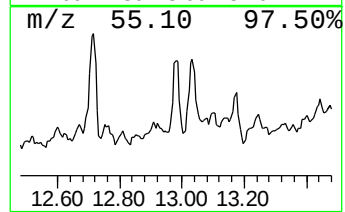
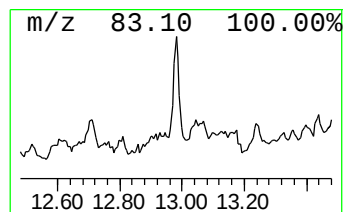
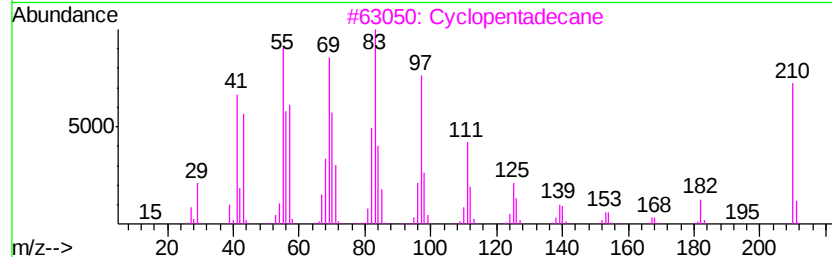
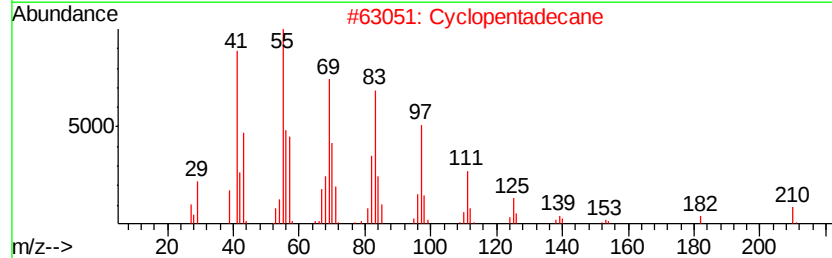
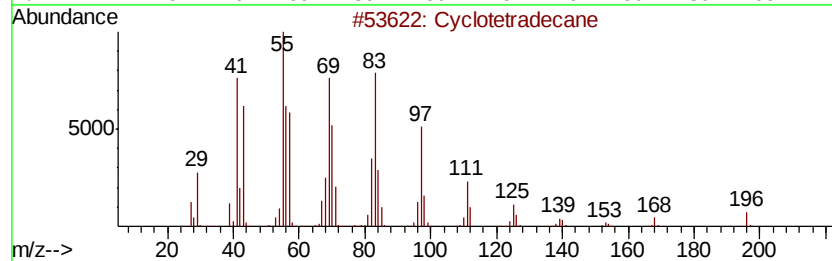
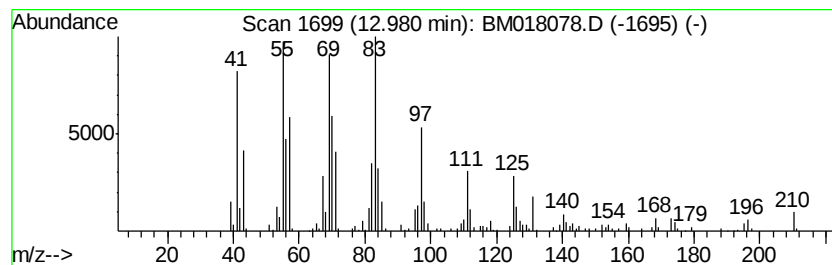
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	3.38 ng/ul	423020	Acenaphthene-d10	14.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	93
2		Cyclopentadecane	210	C15H30	000295-48-7	89
3		Cyclopentadecane	210	C15H30	000295-48-7	87
4		Cyclopentane, decyl-	210	C15H30	001795-21-7	83
5		Cyclododecane	168	C12H24	000294-62-2	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018078.D
Acq On : 12 Dec 2018 03:53
Operator : JU/SJ
Sample : J6171-04
Misc :
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Instrument :
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ClientSampleId :
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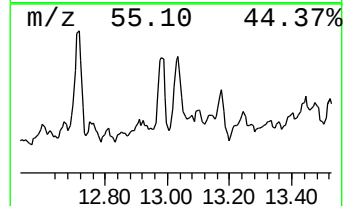
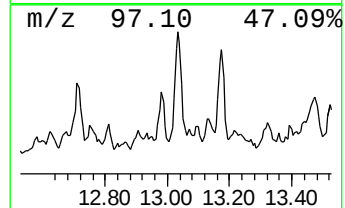
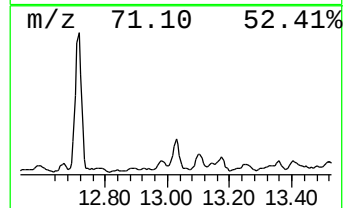
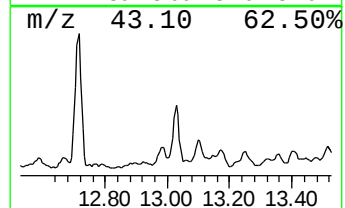
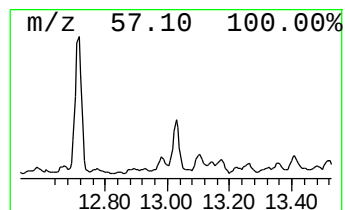
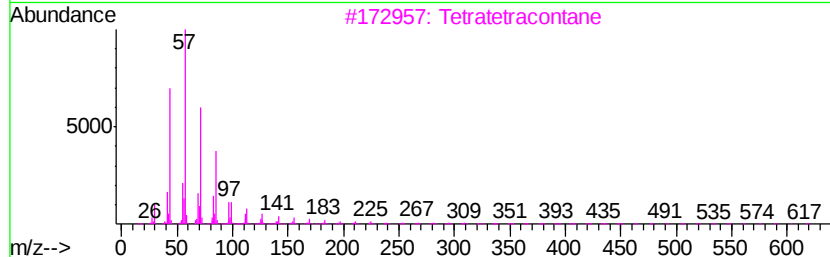
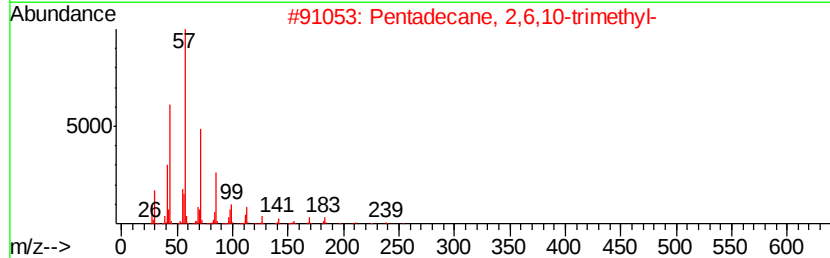
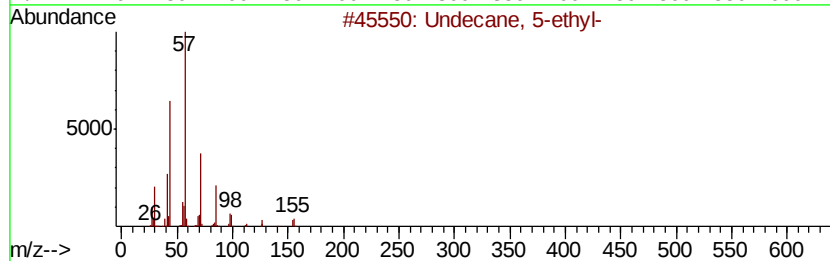
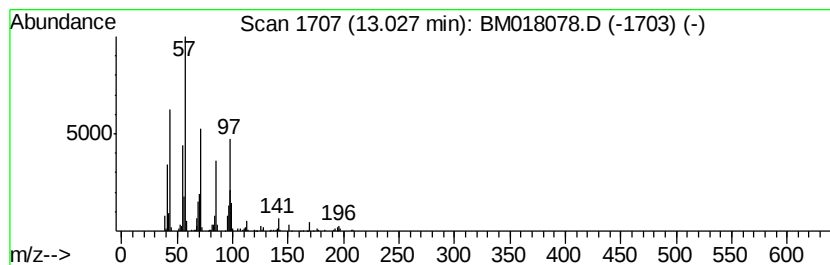
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	3.27 ng/ul	409491	Acenaphthene-d10	14.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5-ethyl-	184	C13H28	017453-94-0	47
2		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	47
3		Tetratetracontane	619	C44H90	007098-22-8	47
4		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	43
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018078.D
Acq On : 12 Dec 2018 03:53
Operator : JU/SJ
Sample : J6171-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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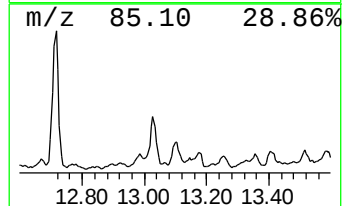
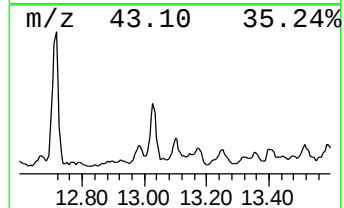
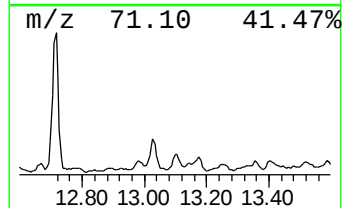
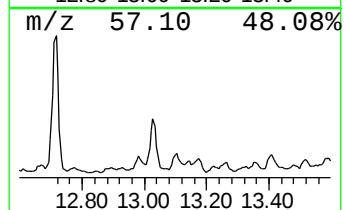
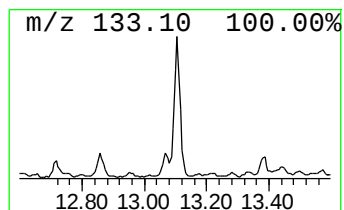
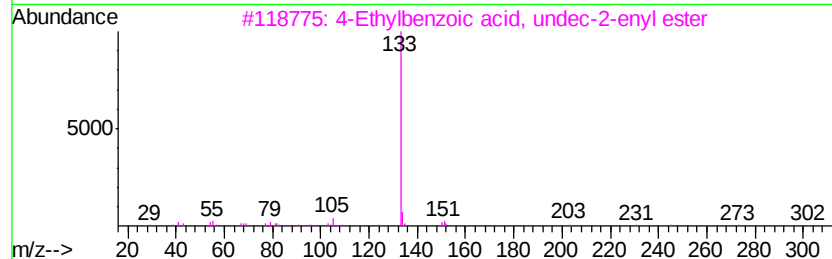
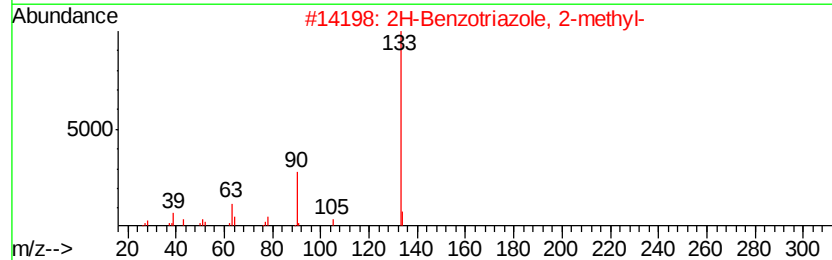
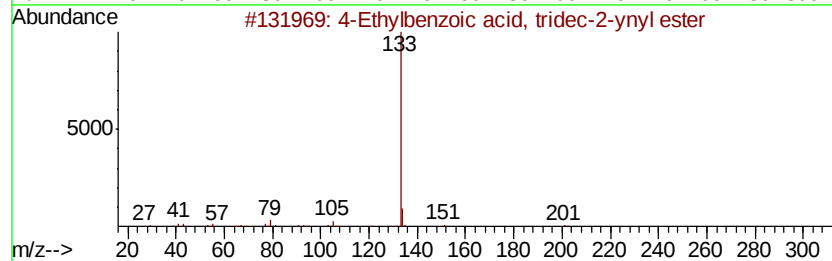
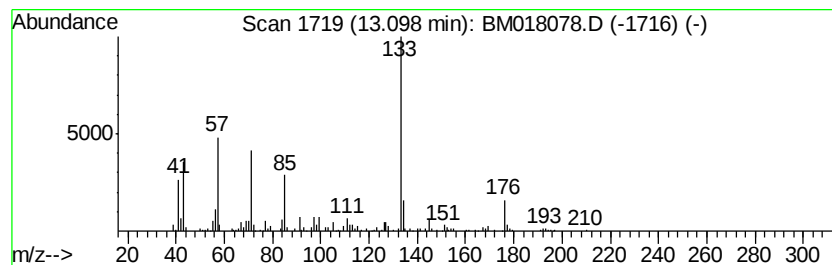
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 unknown-06 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	4.71 ng/ul	589271	Acenaphthene-d10	14.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Ethylbenzoic acid, tridec-2-yn...	328	C22H32O2	1000292-54-9	38
2			2H-Benzotriazole, 2-methyl-	133	C7H7N3	016584-00-2	32
3			4-Ethylbenzoic acid, undec-2-eny...	302	C20H30O2	1000292-54-8	32
4			1-methyl-1-indanol	148	C10H12O	064666-42-8	32
5			Benzoic acid, 4-formyl-, 4-nitro...	271	C14H9NO5	131266-90-5	32



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018078.D
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Sample : J6171-04
Misc :
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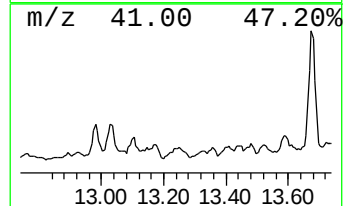
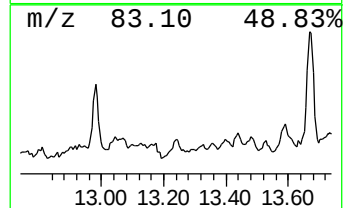
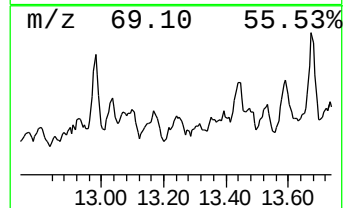
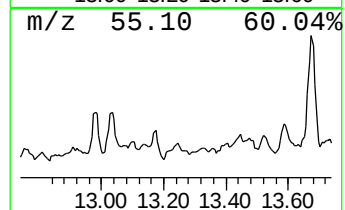
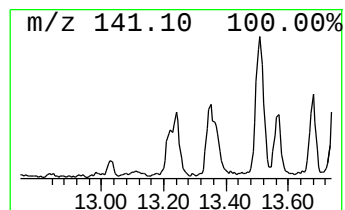
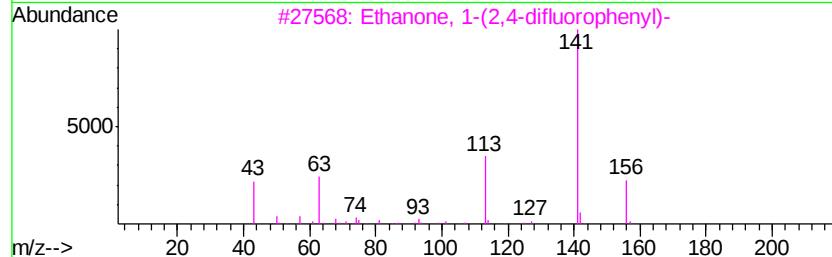
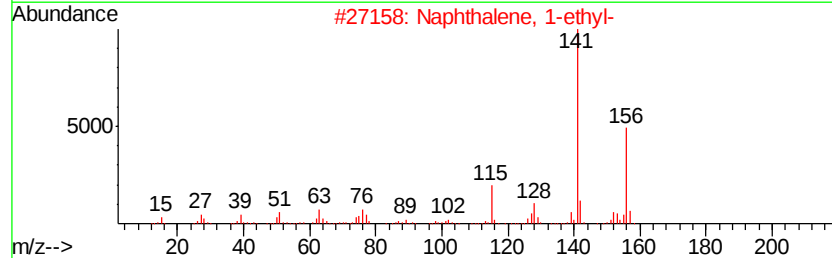
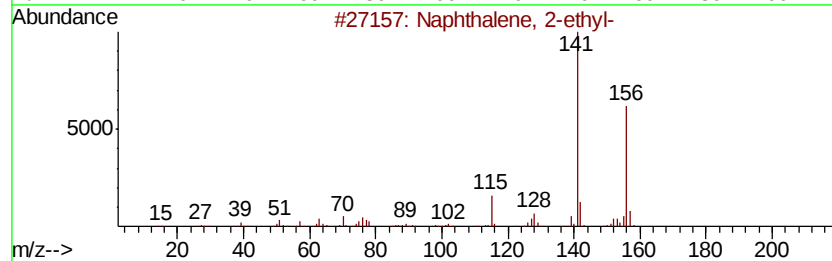
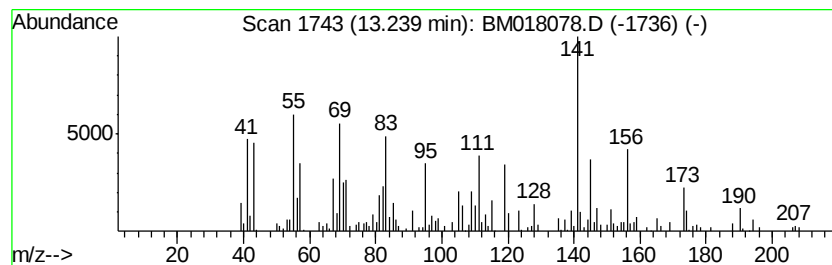
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 unknown-07 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.24	3.59 ng/ul	449035	Acenaphthene-d10	14.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	42
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	38
3	Ethanone, 1-(2,4-difluorophenyl)-	156	C8H6F2O	000364-83-0	30
4	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	30
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018078.D
Acq On : 12 Dec 2018 03:53
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Sample : J6171-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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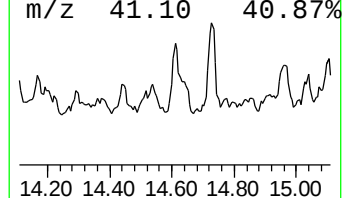
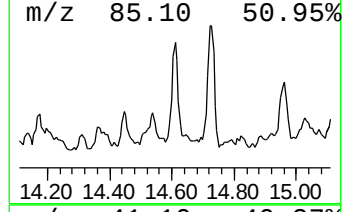
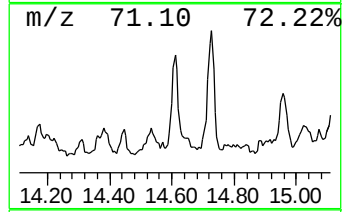
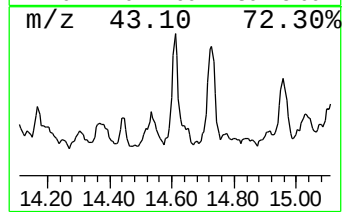
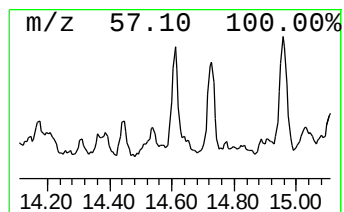
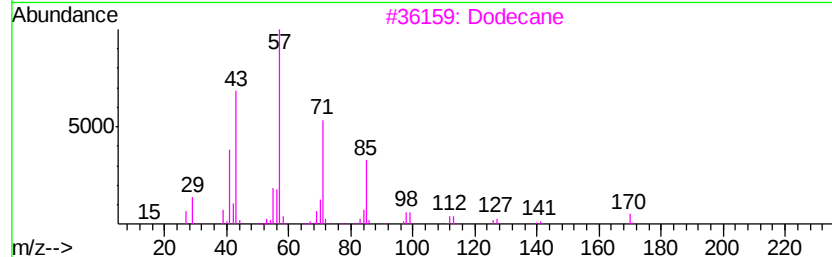
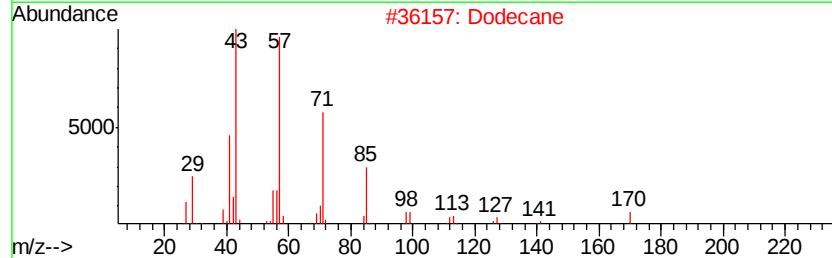
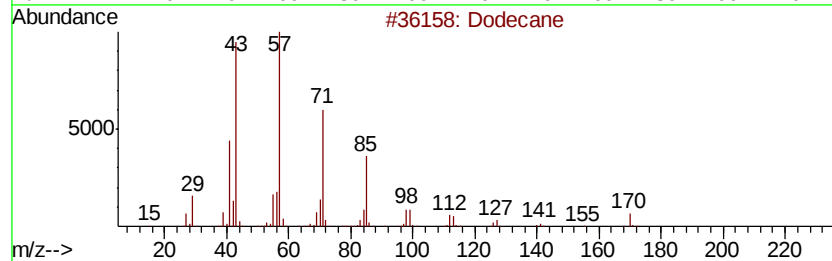
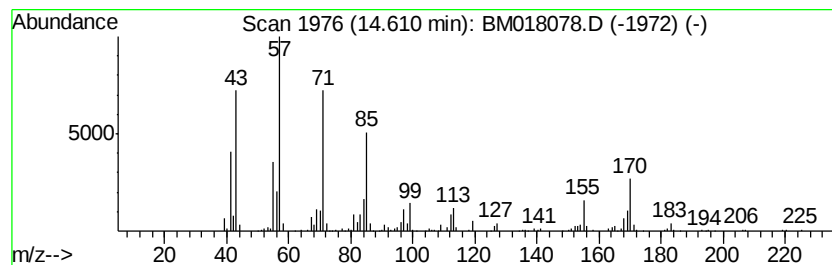
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	3.96 ng/ul	494890	Acenaphthene-d10	14.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane			170	C12H26	000112-40-3	81
2	Dodecane			170	C12H26	000112-40-3	81
3	Dodecane			170	C12H26	000112-40-3	74
4	Tetradecane, 2,6,10-trimethyl-			240	C17H36	014905-56-7	72
5	Dodecane, 1-iodo-			296	C12H25I	004292-19-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
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Sample : J6171-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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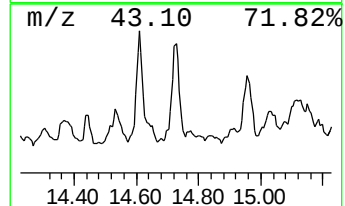
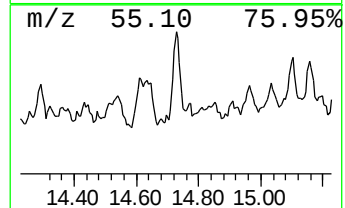
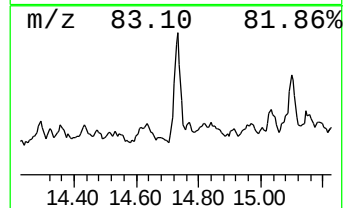
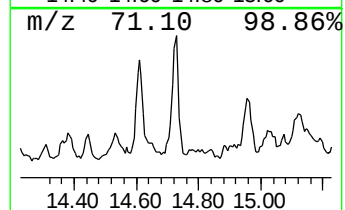
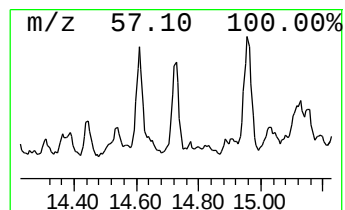
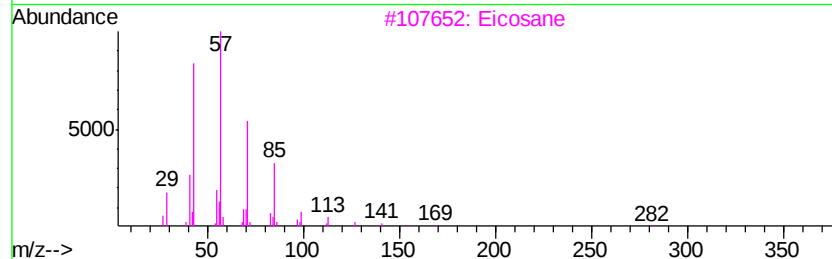
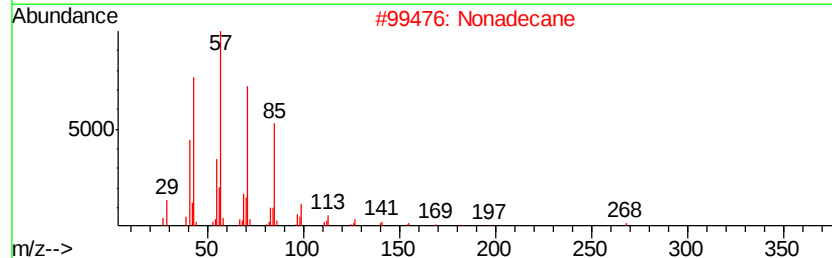
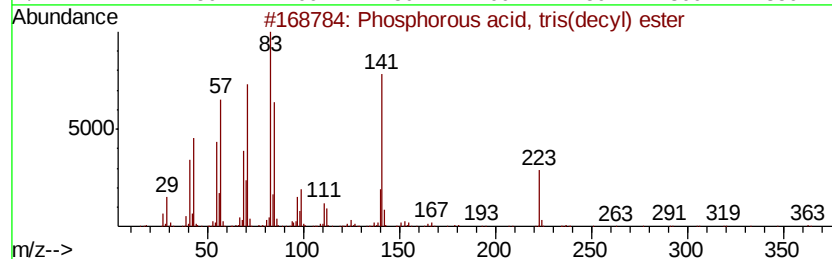
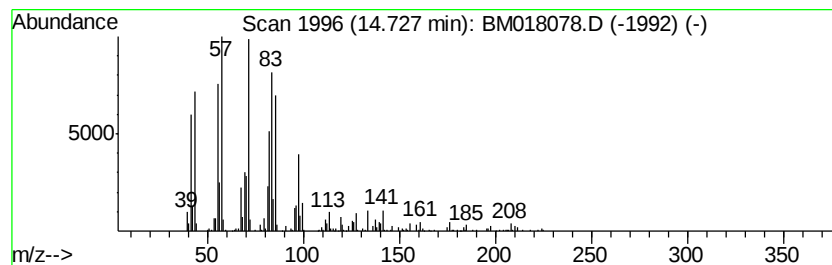
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Phosphorous acid, tris(decyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	6.33 ng/ul	791407	Acenaphthene-d10	14.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phosphorous acid, tris(decyl) ester	502	C30H63O3P	002929-86-4	58
2		Nonadecane	268	C19H40	000629-92-5	38
3		Eicosane	282	C20H42	000112-95-8	38
4		Dodecane, 4-methyl-	184	C13H28	006117-97-1	38
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018078.D
Acq On : 12 Dec 2018 03:53
Operator : JU/SJ
Sample : J6171-04
Misc :
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Instrument :
BNA_M
ClientSampleId :
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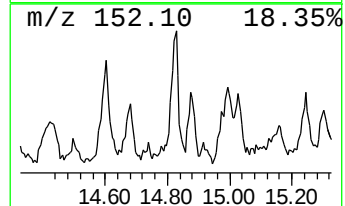
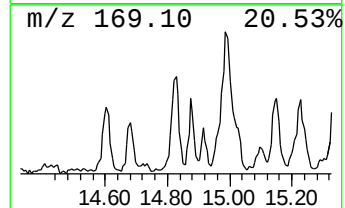
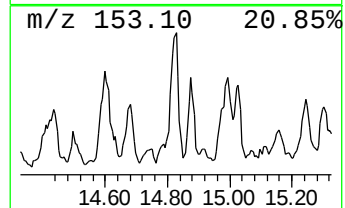
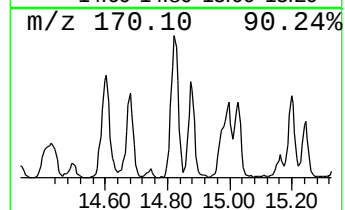
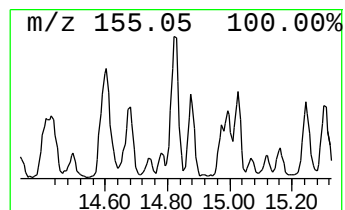
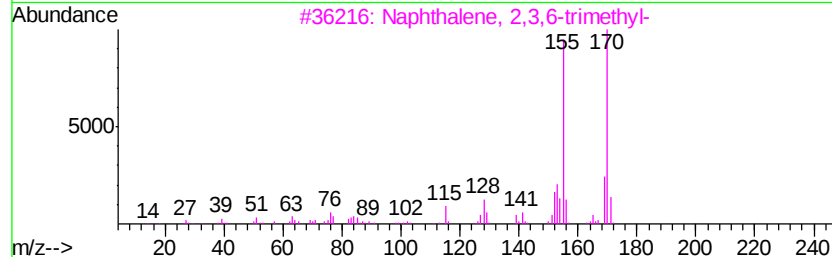
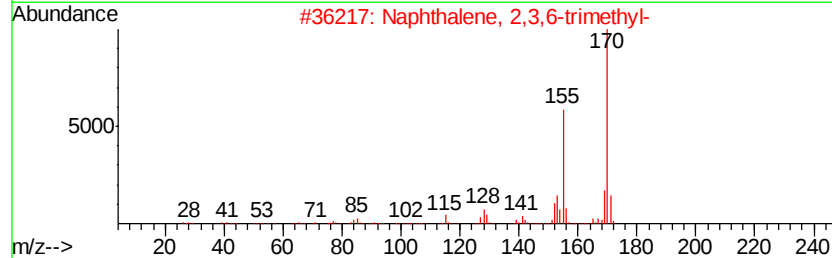
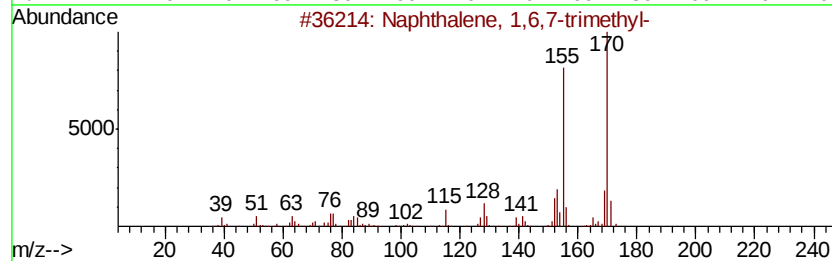
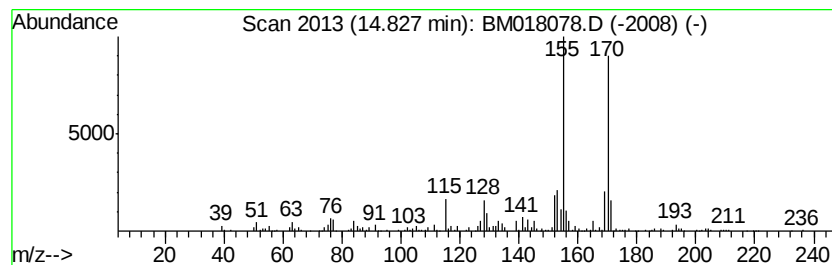
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Naphthalene, 1,6,7-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	4.22 ng/ul	528140	Acenaphthene-d10	14.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018078.D
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Sample : J6171-04
Misc :
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ClientSampleId :
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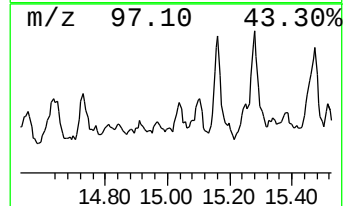
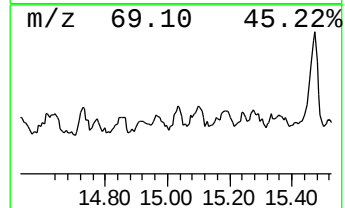
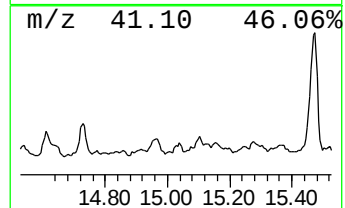
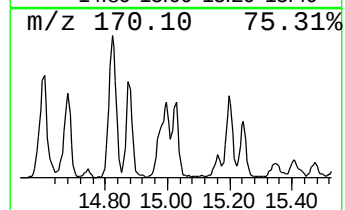
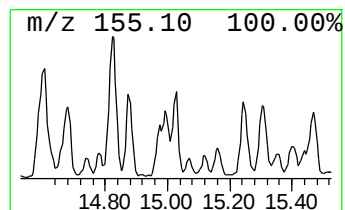
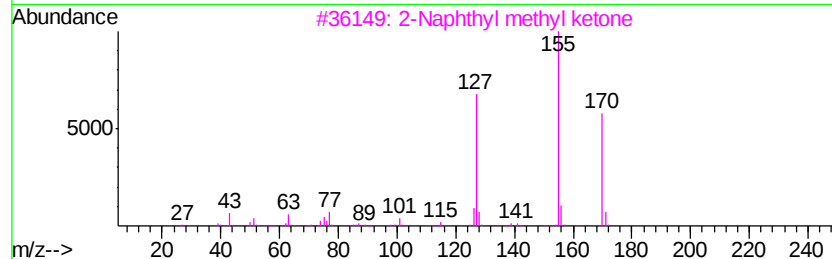
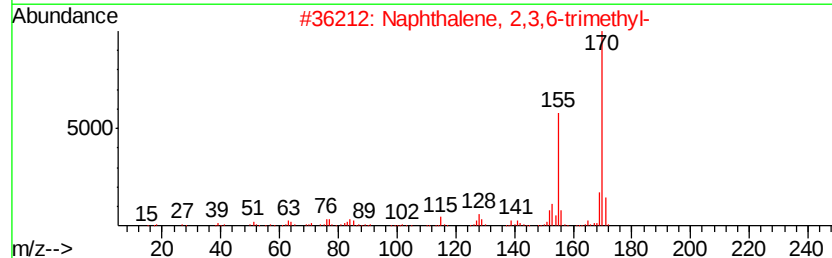
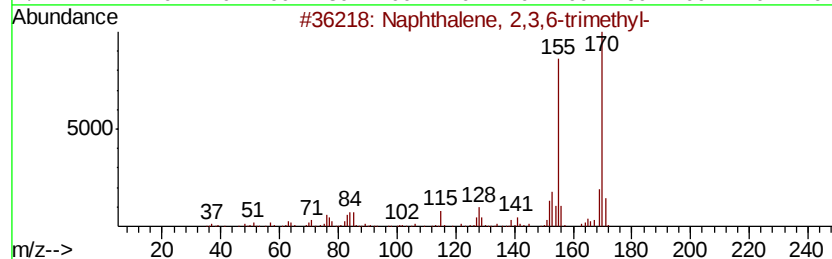
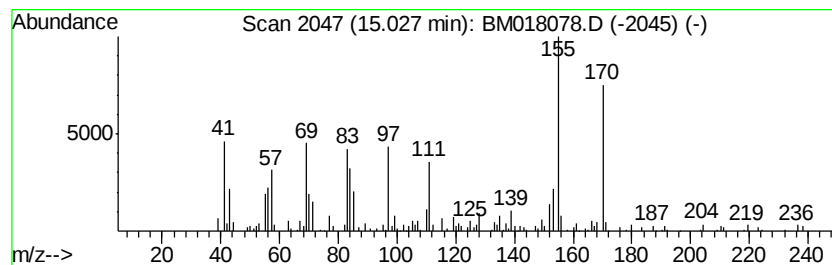
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 unknown-08 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	2.32 ng/ul	290430	Acenaphthene-d10	14.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	47
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	43
3		2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	38
4		2,5-Dimethoxythiophenol	170	C8H10O2S	001483-27-8	37
5		Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	32



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018078.D
Acq On : 12 Dec 2018 03:53
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Sample : J6171-04
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ClientSampleId :
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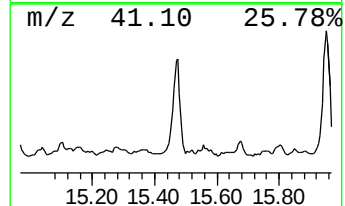
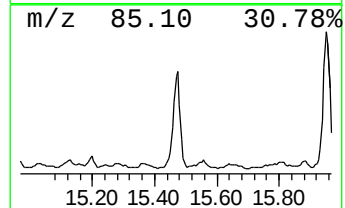
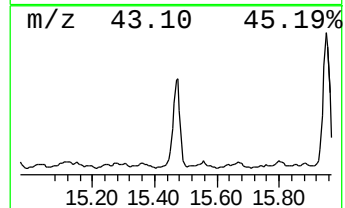
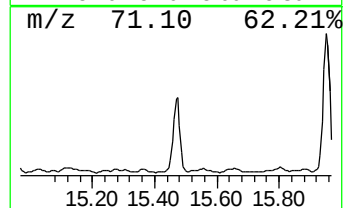
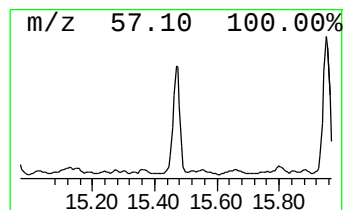
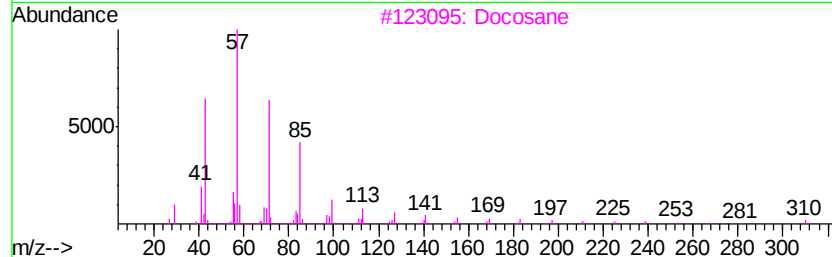
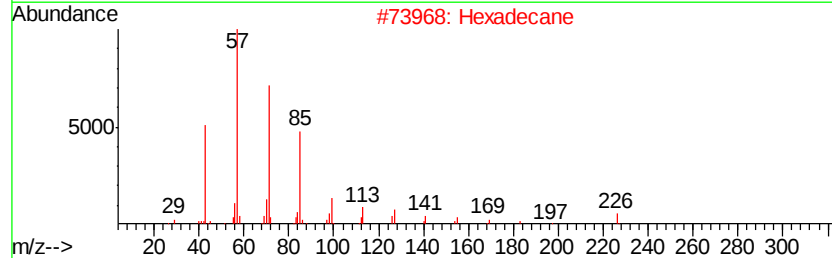
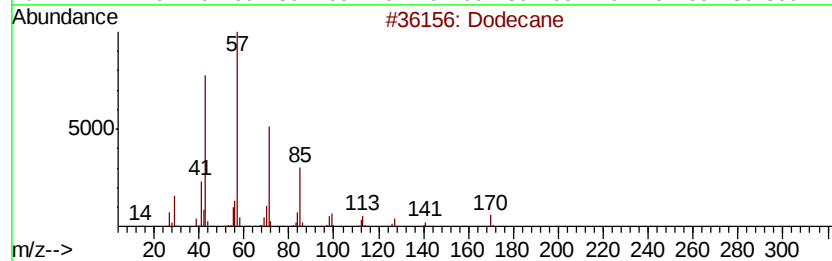
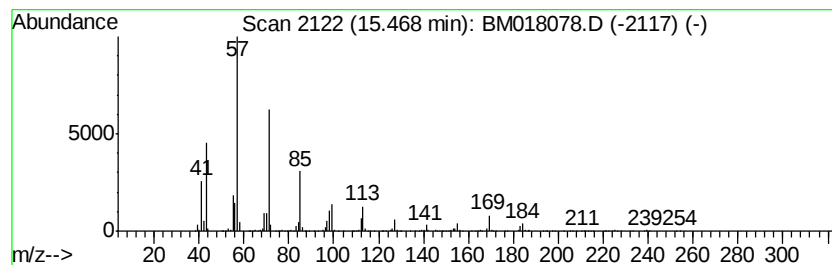
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	24.17 ng/ul	3023140	Acenaphthene-d10	14.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	90
2		Hexadecane	226	C16H34	000544-76-3	86
3		Docosane	310	C22H46	000629-97-0	80
4		Hentriacontane	437	C31H64	000630-04-6	80
5		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018078.D
Acq On : 12 Dec 2018 03:53
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Sample : J6171-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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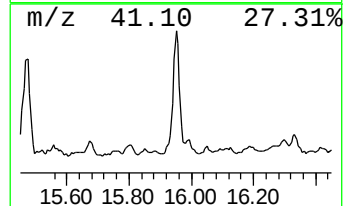
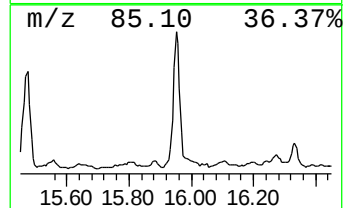
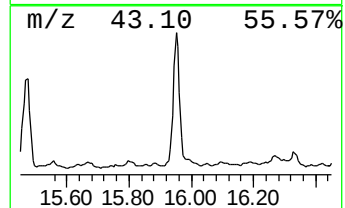
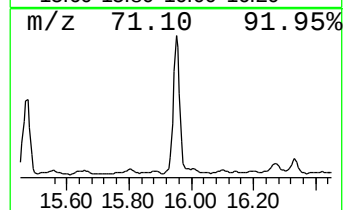
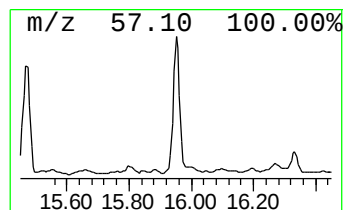
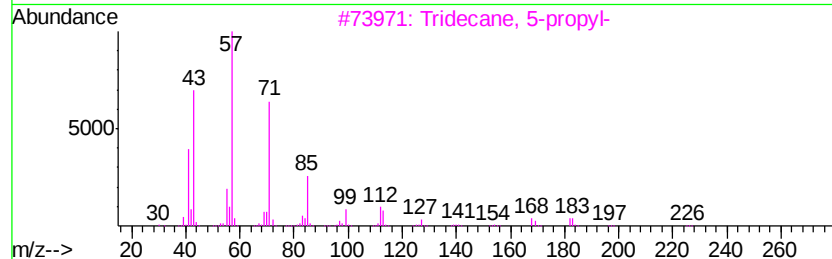
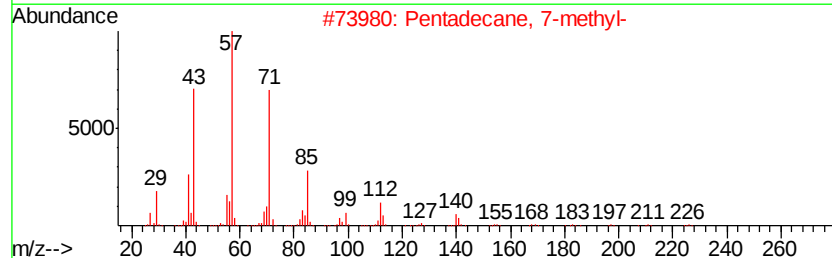
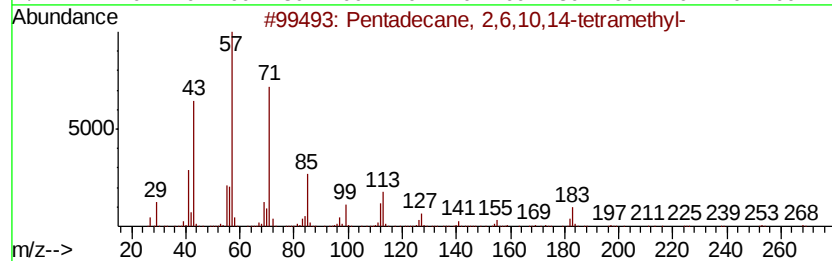
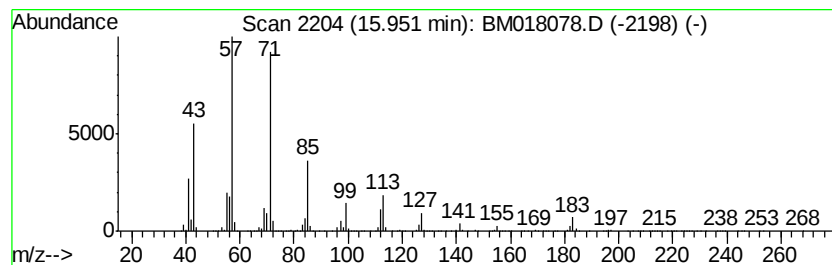
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	30.76 ng/ul	3974820	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	80
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
4		Undecane, 6-ethyl-	184	C13H28	017312-60-6	70
5		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018078.D
Acq On : 12 Dec 2018 03:53
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Misc :
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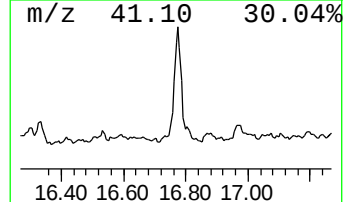
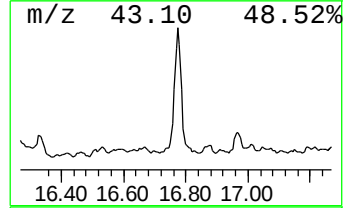
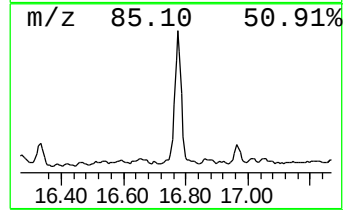
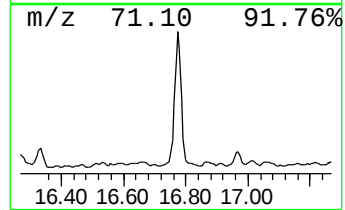
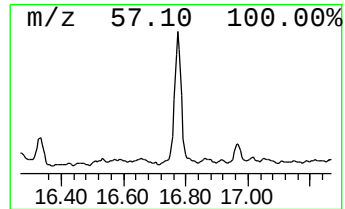
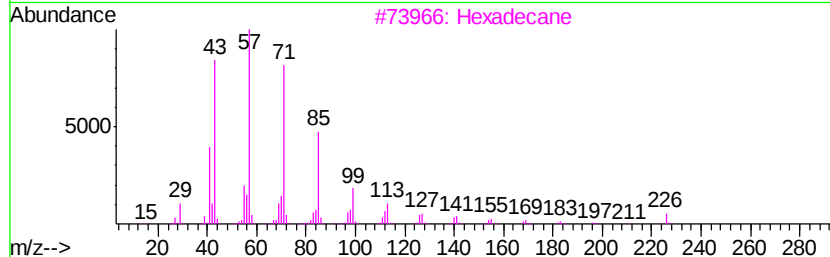
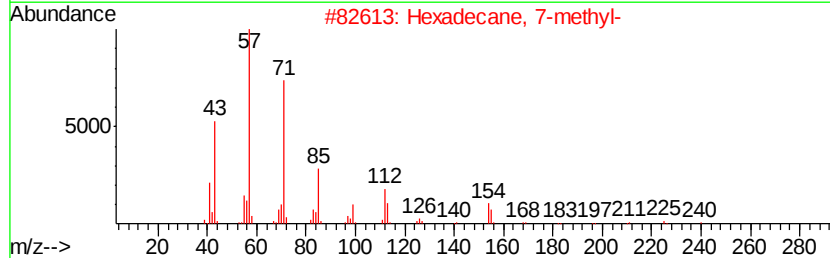
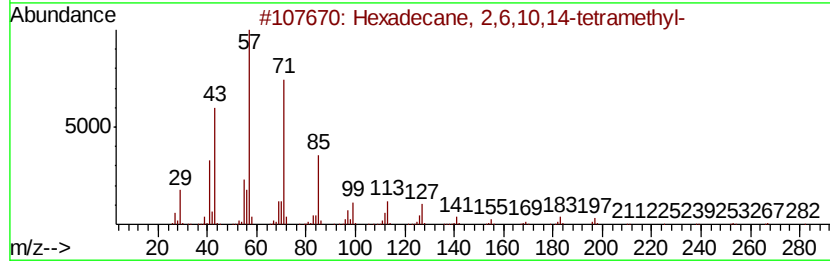
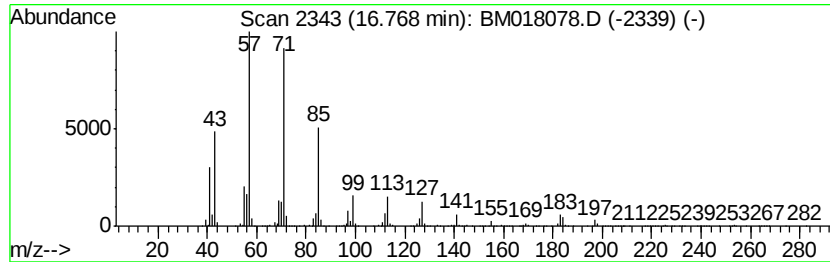
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	26.79 ng/ul	3461610	Phenanthrene-d10	16.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	95
2			Hexadecane, 7-methyl-	240	C17H36	026730-20-1	87
3			Hexadecane	226	C16H34	000544-76-3	83
4			Hexadecane	226	C16H34	000544-76-3	78
5			Tetradecane	198	C14H30	000629-59-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018078.D
Acq On : 12 Dec 2018 03:53
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ClientSampleId :
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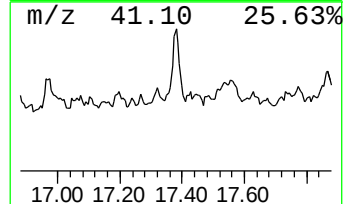
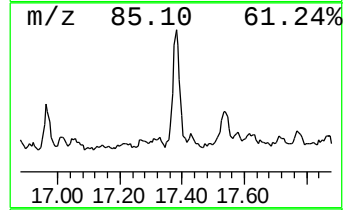
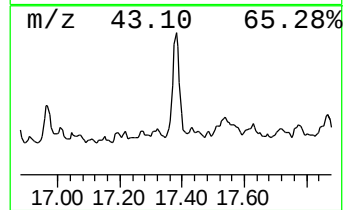
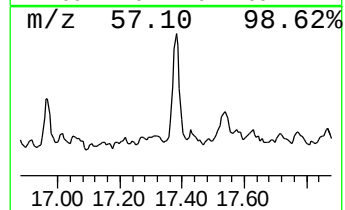
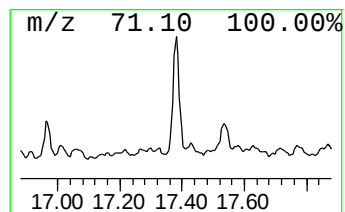
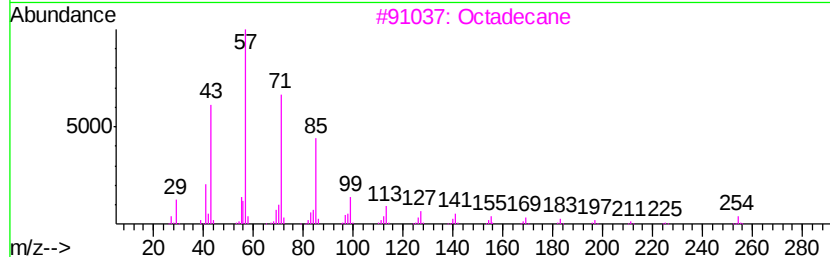
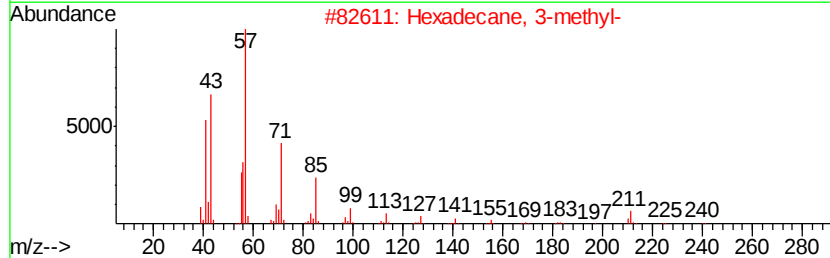
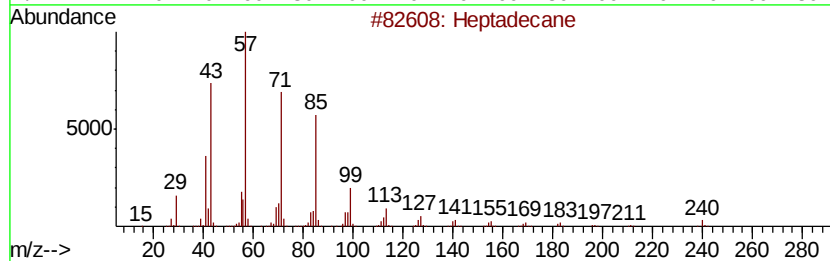
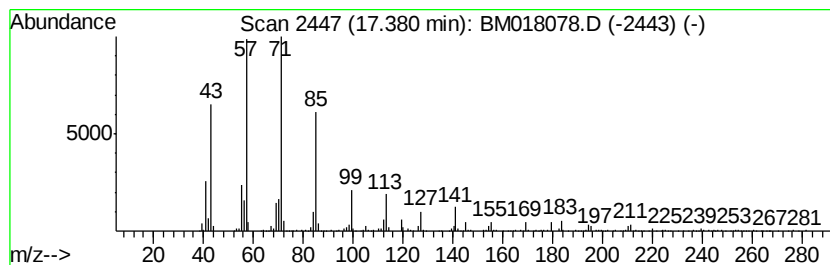
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	8.32 ng/ul	1075210	Phenanthrene-d10	16.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	86
2			Hexadecane, 3-methyl-	240	C17H36	006418-43-5	80
3			Octadecane	254	C18H38	000593-45-3	80
4			Hexadecane	226	C16H34	000544-76-3	80
5			Heptadecane	240	C17H36	000629-78-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018078.D
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Sample : J6171-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

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ClientSampleId :
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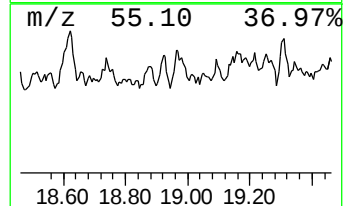
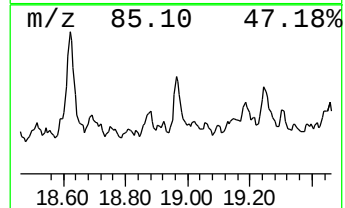
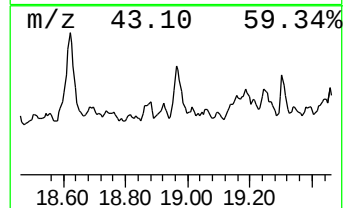
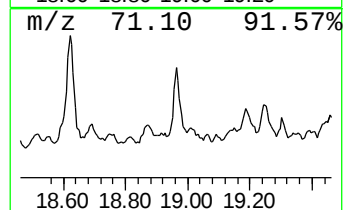
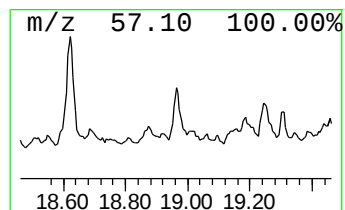
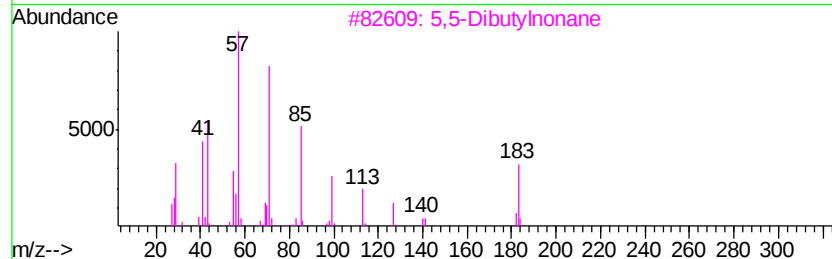
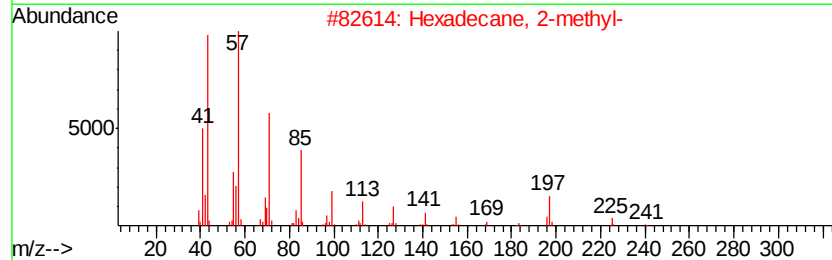
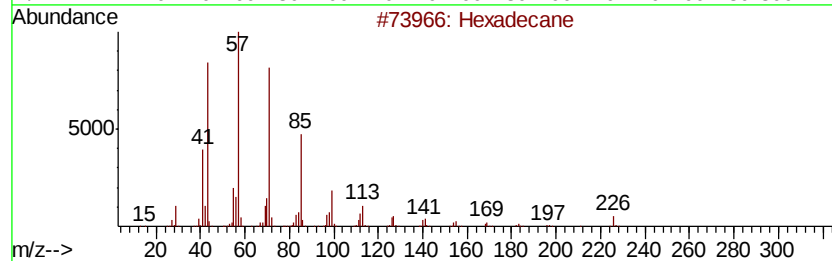
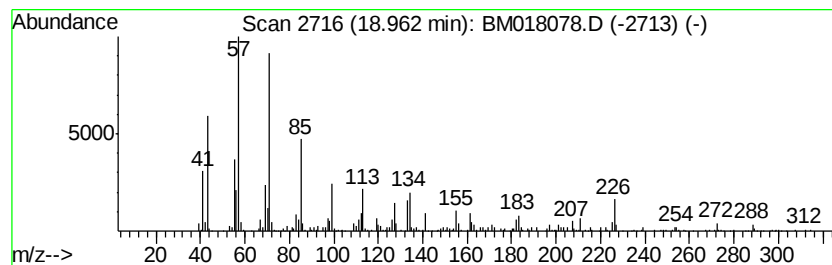
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	5.26 ng/ul	679304	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	68
2		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	64
3		5,5-Dibutylnonane	240	C17H36	006008-17-9	64
4		Docosane	310	C22H46	000629-97-0	58
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018078.D
Acq On : 12 Dec 2018 03:53
Operator : JU/SJ
Sample : J6171-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9Y08

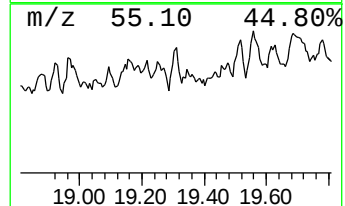
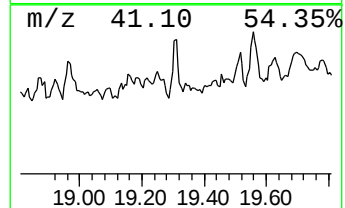
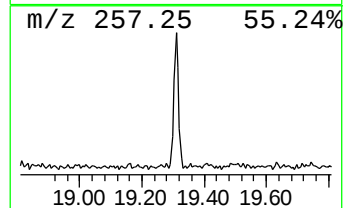
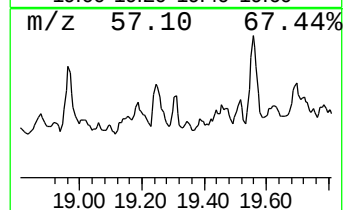
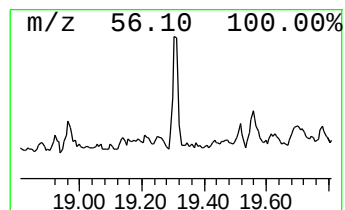
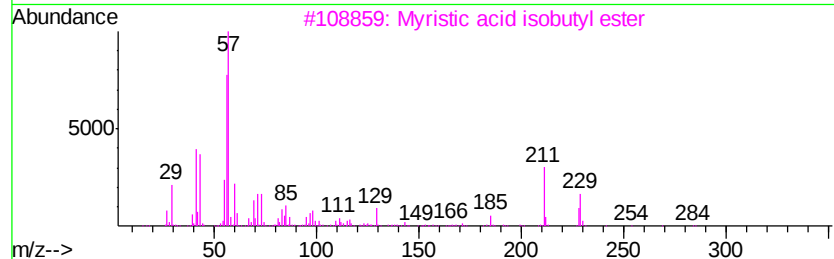
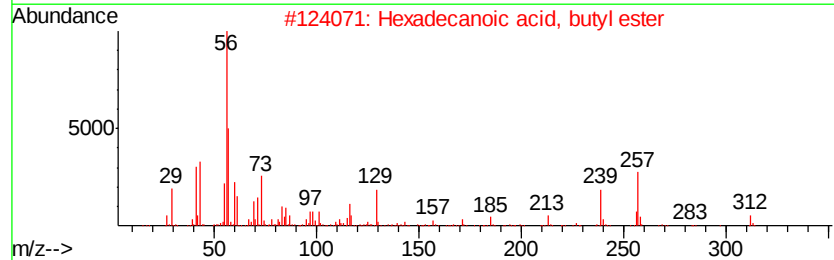
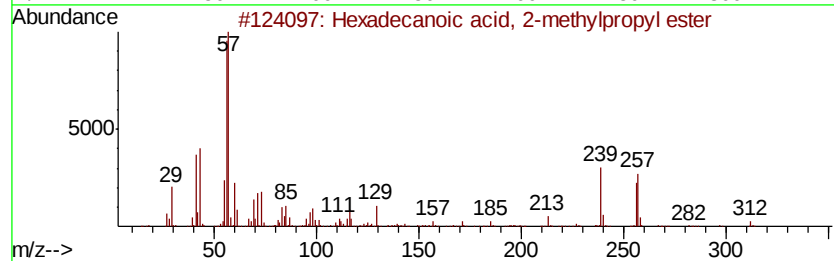
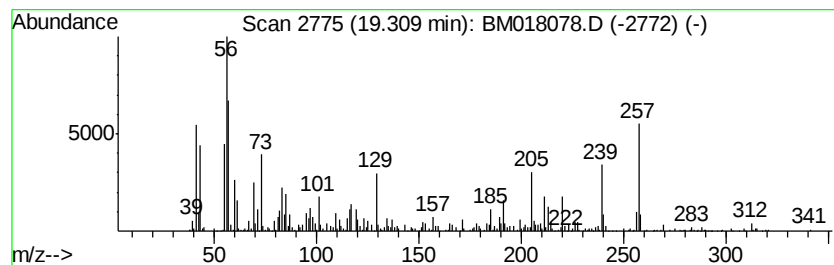
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 Hexadecanoic acid, 2-methyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	5.23 ng/ul	617536	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	86
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	45
3		Myristic acid isobutyl ester	284	C18H36O2	025263-97-2	38
4		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	38
5		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018078.D
Acq On : 12 Dec 2018 03:53
Operator : JU/SJ
Sample : J6171-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9Y08

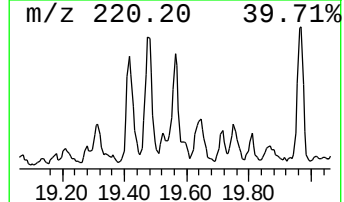
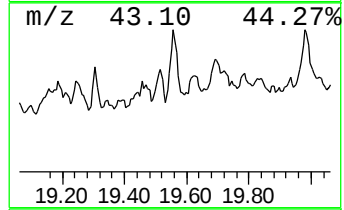
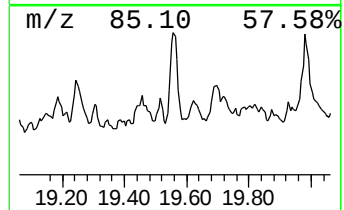
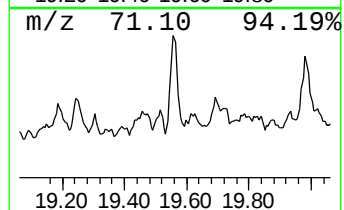
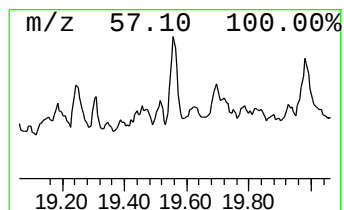
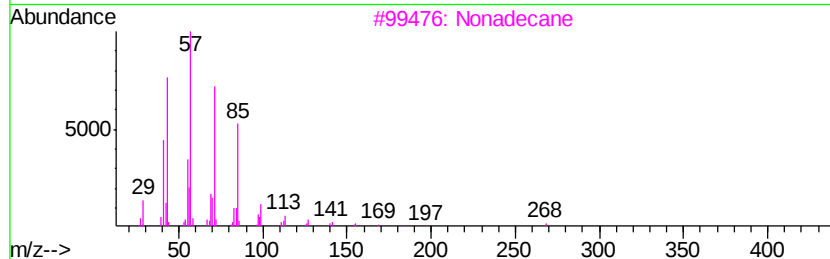
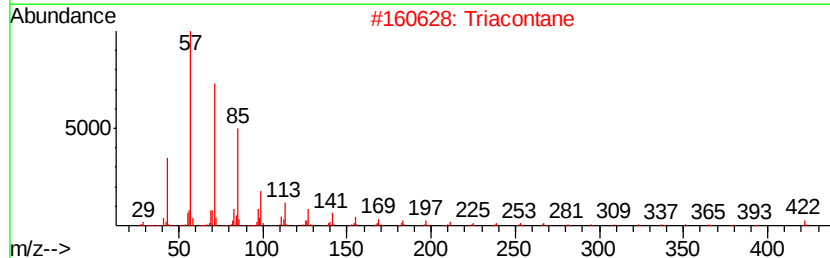
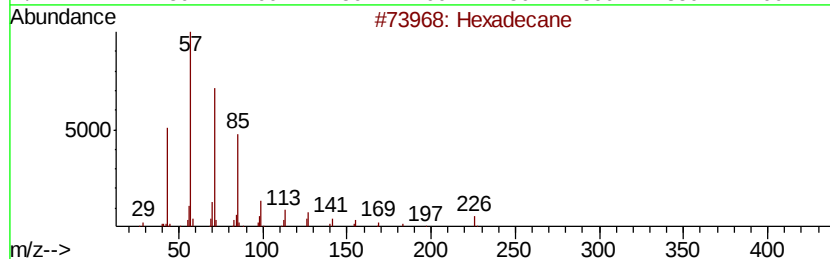
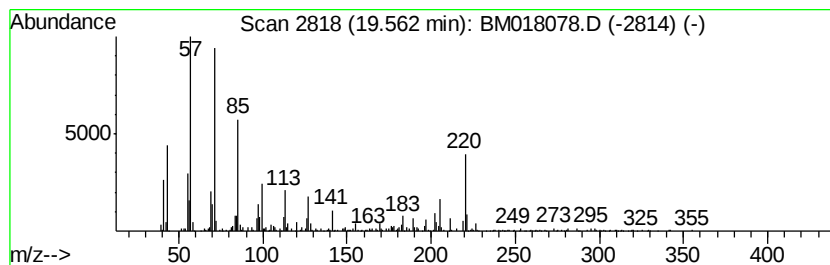
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.56	7.24 ng/ul	854959	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	81
2		Triacotane	422	C30H62	000638-68-6	80
3		Nonadecane	268	C19H40	000629-92-5	76
4		Heneicosane	296	C21H44	000629-94-7	72
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121118\
 Data File : BM018078.D
 Acq On : 12 Dec 2018 03:53
 Operator : JU/SJ
 Sample : J6171-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9Y08

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	4.73	7.3	ng/ul	327113	1	7.55	897666	20.0
(DEL) Alkane: Cyc...	7.81	2.0	ng/ul	91531	1	7.55	897666	20.0
unknown-02	8.63	2.6	ng/ul	115305	1	7.55	897666	20.0
unknown-03	8.86	2.0	ng/ul	92040	1	7.55	897666	20.0
cis-Decalin, 2-sy...	9.49	2.4	ng/ul	174048	2	10.31	1455400	20.0
Benzene, 2,4-diet...	10.53	2.3	ng/ul	167245	2	10.31	1455400	20.0
(DEL) Alkane: Cyc...	10.79	2.9	ng/ul	214004	2	10.31	1455400	20.0
(DEL) Alkane: Cyc...	10.97	2.6	ng/ul	189518	2	10.31	1455400	20.0
(DEL) Alkane: Cyc...	11.00	3.6	ng/ul	264749	2	10.31	1455400	20.0
(DEL) Alkane: Str...	11.15	2.1	ng/ul	151877	2	10.31	1455400	20.0
(DEL) Alkane: Str...	11.33	11.1	ng/ul	810911	2	10.31	1455400	20.0
unknown-04	11.49	2.2	ng/ul	157480	2	10.31	1455400	20.0
(DEL) Alkane: Cyc...	11.58	3.6	ng/ul	263682	2	10.31	1455400	20.0
unknown-05	11.87	3.0	ng/ul	220725	2	10.31	1455400	20.0
(DEL) Alkane: Str...	11.96	10.2	ng/ul	742548	2	10.31	1455400	20.0
Cyclohexane, 2-pr...	12.45	3.5	ng/ul	433299	3	14.20	2501230	20.0
(DEL) Alkane: Str...	12.72	9.1	ng/ul	1138200	3	14.20	2501230	20.0
(DEL) Alkane: Str...	12.98	3.4	ng/ul	423020	3	14.20	2501230	20.0
(DEL) Alkane: Str...	13.03	3.3	ng/ul	409491	3	14.20	2501230	20.0
unknown-06	13.10	4.7	ng/ul	589271	3	14.20	2501230	20.0
unknown-07	13.24	3.6	ng/ul	449035	3	14.20	2501230	20.0
(DEL) Alkane: Str...	14.61	4.0	ng/ul	494890	3	14.20	2501230	20.0
Phosphorous acid,...	14.73	6.3	ng/ul	791407	3	14.20	2501230	20.0
Naphthalene, 1,6,...	14.83	4.2	ng/ul	528140	3	14.20	2501230	20.0
unknown-08	15.03	2.3	ng/ul	290430	3	14.20	2501230	20.0
(DEL) Alkane: Str...	15.47	24.2	ng/ul	3023140	3	14.20	2501230	20.0
(DEL) Alkane: Str...	15.95	30.8	ng/ul	3974820	4	16.96	2584190	20.0
(DEL) Alkane: Str...	16.77	26.8	ng/ul	3461610	4	16.96	2584190	20.0
(DEL) Alkane: Str...	17.38	8.3	ng/ul	1075210	4	16.96	2584190	20.0
(DEL) Alkane: Str...	18.96	5.3	ng/ul	679304	4	16.96	2584190	20.0
Hexadecanoic acid...	19.31	5.2	ng/ul	617536	5	21.17	2360340	20.0
(DEL) Alkane: Str...	19.56	7.2	ng/ul	854959	5	21.17	2360340	20.0