

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
 Data File : BM017110.D
 Acq On : 10 Oct 2018 22:59
 Operator : MJ/SJ
 Sample : J5234-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK8

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-BM100418MA.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	6.869	654	660	673	rVB2	824812	1482580	23.42%	1.572%
2	7.034	683	688	695	rBV	652641	948090	14.98%	1.005%
3	7.228	715	721	731	rVB	844588	1346530	21.27%	1.427%
4	7.692	794	800	808	rVB	1087541	1696527	26.80%	1.798%
5	8.398	913	920	927	rVV	1064788	1742059	27.52%	1.847%
6	8.780	979	985	990	rBV5	66750	120301	1.90%	0.128%
7	8.845	990	996	1003	rVV	817732	1333140	21.06%	1.413%
8	9.557	1106	1117	1124	rBV	658924	1088277	17.19%	1.154%
9	9.916	1175	1178	1182	rVV4	63034	116581	1.84%	0.124%
10	9.957	1182	1185	1194	rVB2	62882	131707	2.08%	0.140%
11	10.092	1199	1208	1218	rVB	1157268	1947493	30.77%	2.064%
12	10.327	1240	1248	1254	rBV6	50220	135500	2.14%	0.144%
13	10.380	1254	1257	1262	rVV	85913	138722	2.19%	0.147%
14	10.469	1262	1272	1278	rVV	1703732	2912534	46.01%	3.087%
15	10.610	1286	1296	1307	rVV	409649	823703	13.01%	0.873%
16	10.716	1310	1314	1328	rVB3	84843	260054	4.11%	0.276%
17	10.839	1328	1335	1338	rBV	101693	176617	2.79%	0.187%
18	10.880	1338	1342	1348	rVV	156982	270696	4.28%	0.287%
19	11.298	1408	1413	1419	rVB2	140097	233669	3.69%	0.248%
20	11.551	1450	1456	1463	rVV5	58481	158953	2.51%	0.168%
21	11.645	1463	1472	1476	rVV2	96242	206624	3.26%	0.219%
22	11.898	1510	1515	1521	rVB2	124429	202054	3.19%	0.214%
23	12.133	1550	1555	1560	rBV	198145	319137	5.04%	0.338%
24	12.192	1560	1565	1569	rBV2	149530	235329	3.72%	0.249%
25	12.292	1577	1582	1584	rBV2	73885	140865	2.23%	0.149%
26	12.357	1589	1593	1600	rVB	189518	300150	4.74%	0.318%
27	12.468	1605	1612	1616	rBV3	116448	213877	3.38%	0.227%
28	12.592	1629	1633	1639	rVB2	112260	189471	2.99%	0.201%
29	12.739	1652	1658	1661	rBV4	90745	174734	2.76%	0.185%
30	12.827	1667	1673	1678	rVV2	62864	126110	1.99%	0.134%
31	13.063	1700	1713	1717	rBV6	127499	394878	6.24%	0.419%
32	13.110	1717	1721	1724	rVV2	80023	123135	1.95%	0.131%
33	13.157	1724	1729	1734	rVB	240581	374300	5.91%	0.397%
34	13.386	1764	1768	1774	rVB4	69082	144163	2.28%	0.153%

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35	13.492	1780	1786	1787	rBV3	134180	224314	3.54%	0.238%
36	13.645	1806	1812	1817	rBV3	271340	523252	8.27%	0.555%
37	13.698	1817	1821	1825	rVV3	403771	679199	10.73%	0.720%
38	13.745	1825	1829	1834	rVV	1958625	2830981	44.72%	3.001%
39	13.792	1834	1837	1848	rVV	658626	1090874	17.23%	1.156%
40	13.886	1848	1853	1856	rVV3	129025	208325	3.29%	0.221%
41	14.021	1870	1876	1885	rVB	2446212	3756961	59.35%	3.982%
42	14.098	1886	1889	1893	rVB4	80527	114180	1.80%	0.121%
43	14.162	1895	1900	1904	rBV4	105509	185262	2.93%	0.196%
44	14.239	1908	1913	1921	rVB2	280728	453121	7.16%	0.480%
45	14.333	1922	1929	1935	rBV2	2393245	3777647	59.68%	4.004%
46	14.498	1953	1957	1960	rBV	375224	481456	7.61%	0.510%
47	14.545	1960	1965	1971	rVB	716624	1098298	17.35%	1.164%
48	14.733	1992	1997	2001	rVV2	225500	365446	5.77%	0.387%
49	14.809	2007	2010	2017	rVB2	155721	212587	3.36%	0.225%
50	15.009	2040	2044	2047	rBV4	117590	189318	2.99%	0.201%
51	15.104	2056	2060	2063	rBV3	196846	303940	4.80%	0.322%
52	15.192	2072	2075	2079	rVB	282562	331126	5.23%	0.351%
53	15.292	2088	2092	2094	rVV	472478	607182	9.59%	0.644%
54	15.327	2094	2098	2103	rVV	3087480	4313514	68.14%	4.572%
55	15.380	2103	2107	2113	rVB2	317684	501114	7.92%	0.531%
56	15.451	2114	2119	2125	rBV	708451	1037969	16.40%	1.100%
57	15.592	2140	2143	2150	rVB5	138261	244269	3.86%	0.259%
58	15.674	2154	2157	2161	rVB3	148993	197538	3.12%	0.209%
59	15.827	2180	2183	2190	rVB3	221469	430314	6.80%	0.456%
60	15.956	2201	2205	2207	rBV5	88801	147873	2.34%	0.157%
61	15.998	2209	2212	2218	rVB2	254409	393696	6.22%	0.417%
62	16.056	2218	2222	2226	rBV2	499170	617943	9.76%	0.655%
63	16.280	2256	2260	2265	rBV4	247972	365540	5.77%	0.387%
64	16.386	2271	2278	2283	rVB5	371994	765965	12.10%	0.812%
65	16.439	2283	2287	2292	rBV2	213169	305193	4.82%	0.324%
66	16.539	2301	2304	2307	rVV2	101700	123744	1.95%	0.131%
67	16.739	2335	2338	2343	rVB4	101595	146218	2.31%	0.155%
68	16.809	2346	2350	2354	rBV4	291688	595521	9.41%	0.631%
69	16.851	2354	2357	2364	rVV	440413	699668	11.05%	0.742%
70	16.933	2367	2371	2376	rVB	369333	539569	8.52%	0.572%
71	17.080	2390	2396	2401	rBV2	2856671	4397599	69.47%	4.661%

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72	17.121	2401	2403	2407	rVV	278129	337916	5.34%	0.358%
73	17.180	2408	2413	2423	rVB	3382235	4924975	77.80%	5.220%
74	17.280	2424	2430	2435	rBV5	278517	565710	8.94%	0.600%
75	17.586	2478	2482	2486	rVB	549806	673432	10.64%	0.714%
76	17.956	2542	2545	2547	rBV	160507	198866	3.14%	0.211%
77	17.992	2547	2551	2561	rVB3	927991	1562453	24.68%	1.656%
78	18.150	2574	2578	2582	rBV4	144355	267034	4.22%	0.283%
79	18.245	2591	2594	2596	rBV2	154087	162513	2.57%	0.172%
80	18.280	2597	2600	2604	rVV	652831	726828	11.48%	0.770%
81	18.886	2700	2703	2705	rBV3	208232	207427	3.28%	0.220%
82	18.915	2705	2708	2716	rVB	970885	1188921	18.78%	1.260%
83	19.145	2743	2747	2749	rBV	246544	351193	5.55%	0.372%
84	19.274	2766	2769	2775	rVB4	270261	351814	5.56%	0.373%
85	19.474	2798	2803	2807	rBV	4159492	6330011	100.00%	6.710%
86	20.009	2891	2894	2895	rBV2	198482	207297	3.27%	0.220%
87	20.033	2895	2898	2903	rVB	868147	1022385	16.15%	1.084%
88	20.509	2975	2979	2981	rBV2	1199332	1556949	24.60%	1.650%
89	20.533	2981	2983	2988	rVB	945949	915661	14.47%	0.971%
90	20.991	3057	3061	3067	rBV	2286737	2813730	44.45%	2.983%
91	21.268	3104	3108	3120	rBV	2858598	3893229	61.50%	4.127%
92	21.391	3126	3129	3131	rBV2	194982	220337	3.48%	0.234%
93	21.433	3131	3136	3140	rVB3	558378	769370	12.15%	0.816%
94	21.880	3206	3212	3216	rBV2	996104	1844909	29.15%	1.956%
95	22.015	3231	3235	3242	rBV3	464748	681225	10.76%	0.722%
96	22.450	3306	3309	3314	rVB	391574	508126	8.03%	0.539%
97	22.827	3370	3373	3377	rVB	336043	416993	6.59%	0.442%
98	23.350	3457	3462	3468	rBV	1952831	3493255	55.19%	3.703%
99	23.491	3481	3486	3494	rVB	1791971	3207463	50.67%	3.400%
100	24.191	3600	3605	3612	rVB2	750880	1474901	23.30%	1.563%

Sum of corrected areas: 94340199

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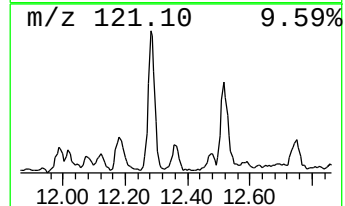
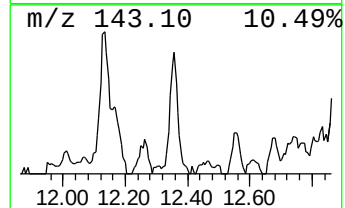
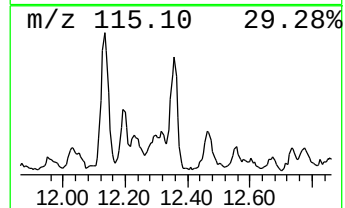
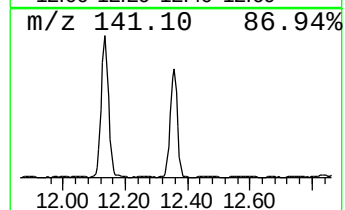
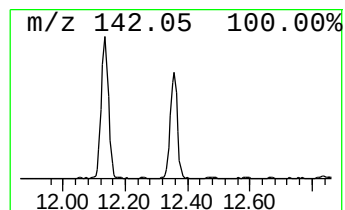
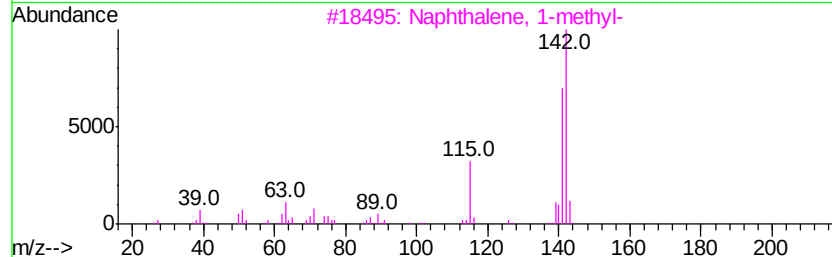
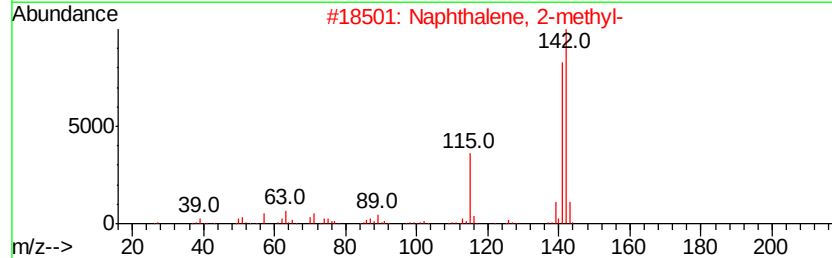
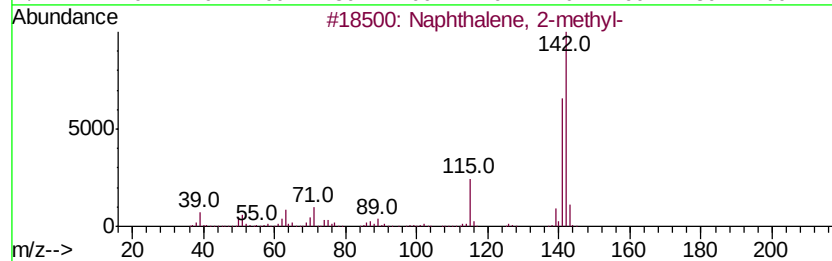
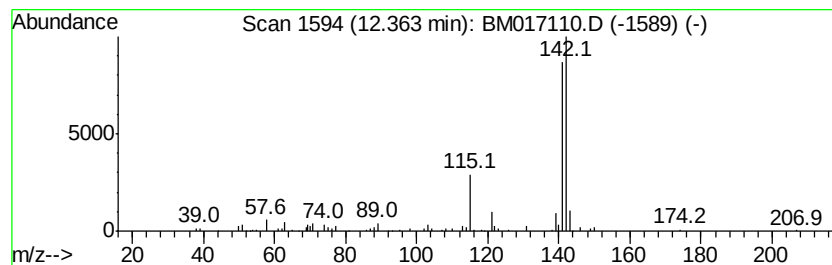
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	2.06 ng/ul	300150	Naphthalene-d8	10.47
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 94
2		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 94
3		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 91
4		1,4-Methanonaphthalene, 1,4-dihy...	142 C11H10	004453-90-1 91
5		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 91



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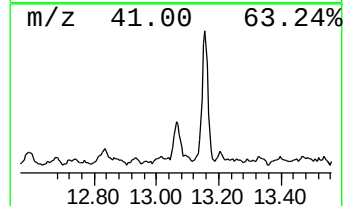
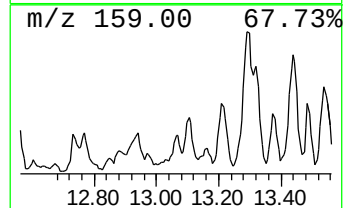
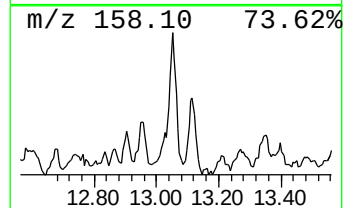
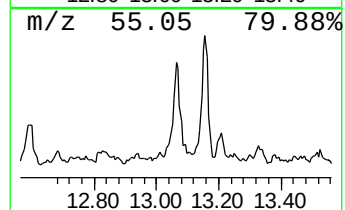
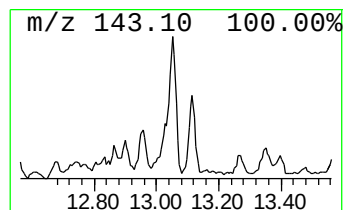
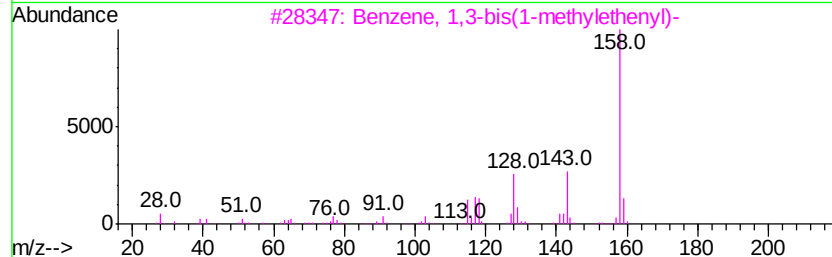
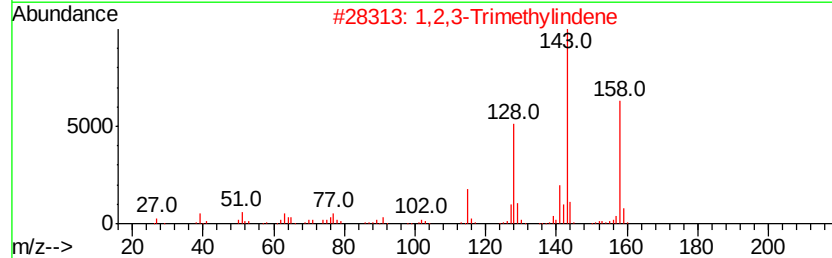
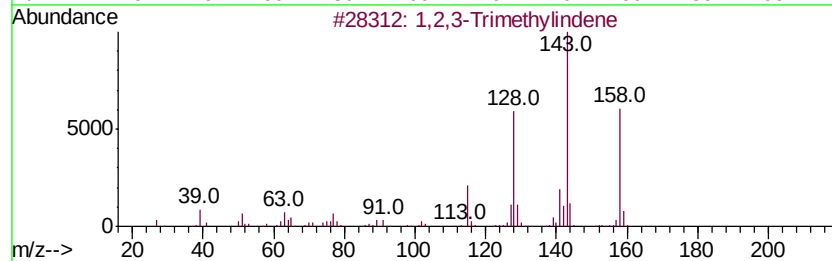
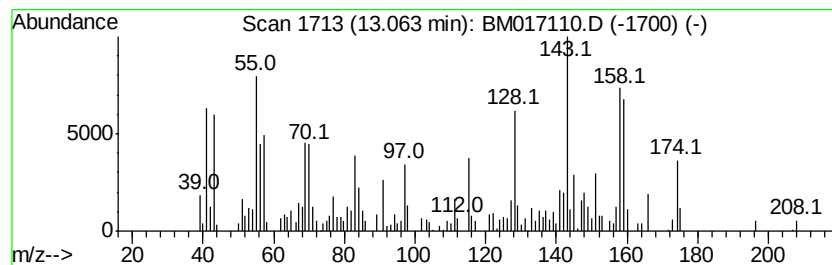
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 1,2,3-Trimethylindene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	2.09 ng/ul	394878	Acenaphthene-d10	14.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2,3-Trimethylindene	158	C12H14	004773-83-5	60
2		1,2,3-Trimethylindene	158	C12H14	004773-83-5	60
3		Benzene, 1,3-bis(1-methylethenyl)-	158	C12H14	003748-13-8	60
4		1H-Indene, 1,1,3-trimethyl-	158	C12H14	002177-45-9	55
5		Benzene, 1,4-bis(1-methylethenyl)-	158	C12H14	001605-18-1	53



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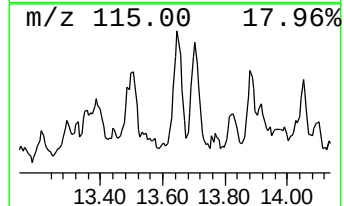
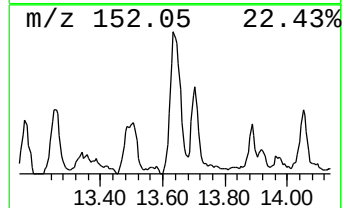
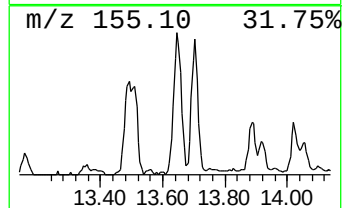
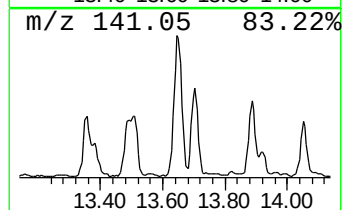
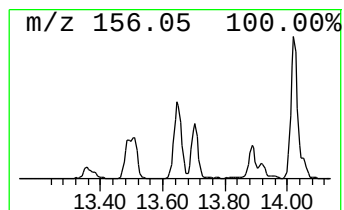
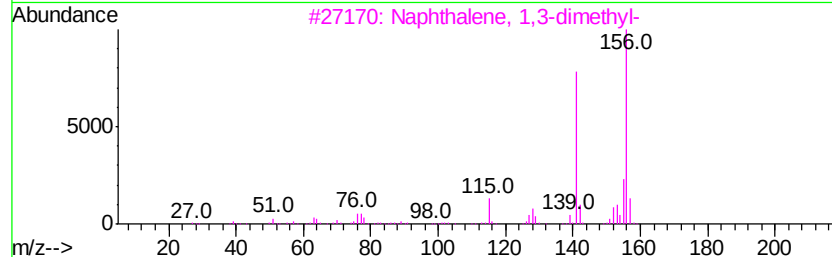
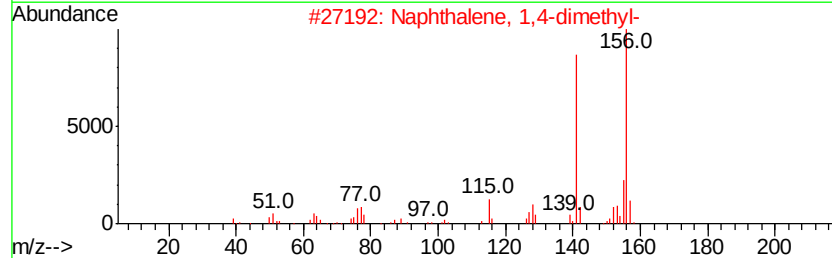
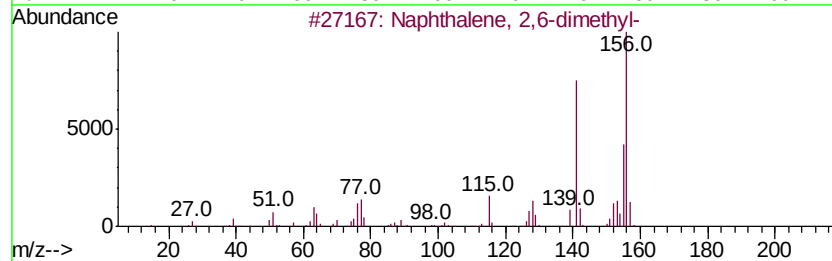
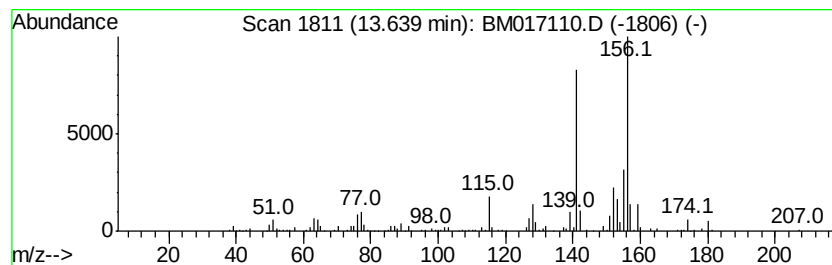
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	2.77 ng/ul	523252	Acenaphthene-d10	14.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97



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ClientSampleId :
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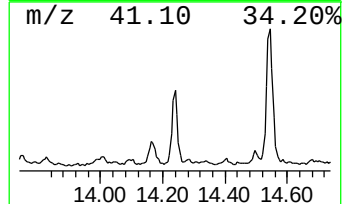
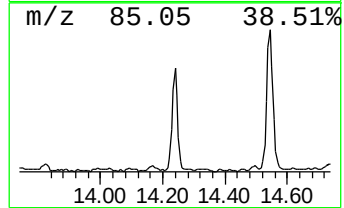
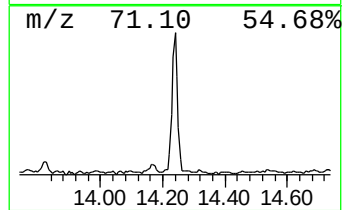
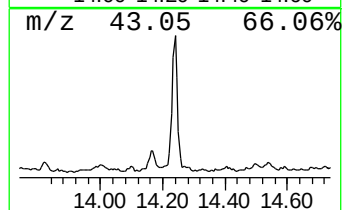
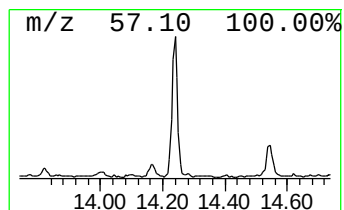
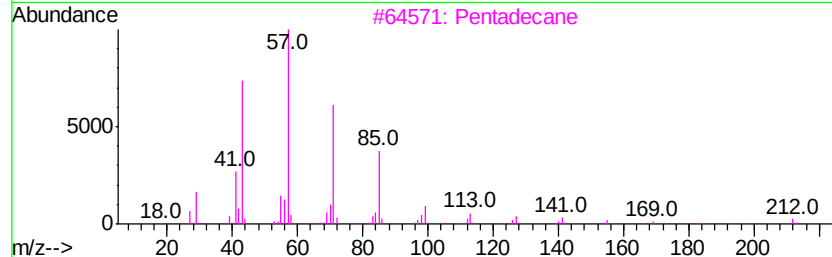
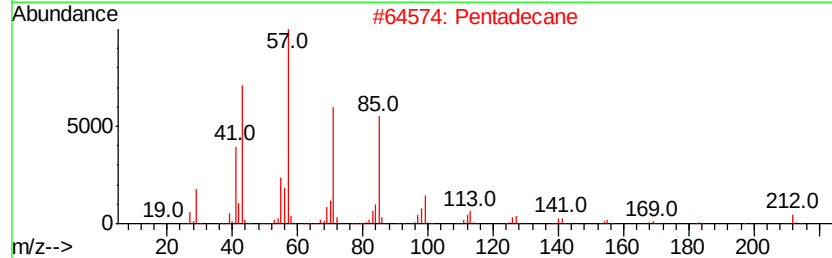
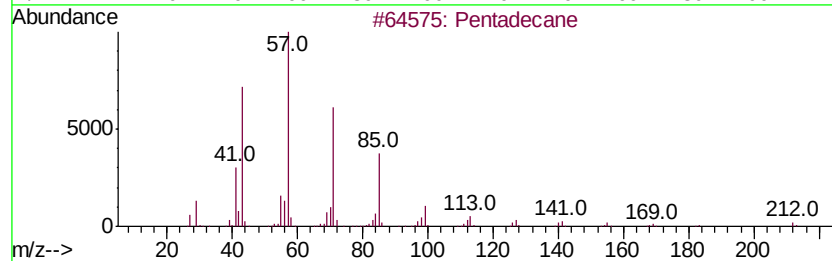
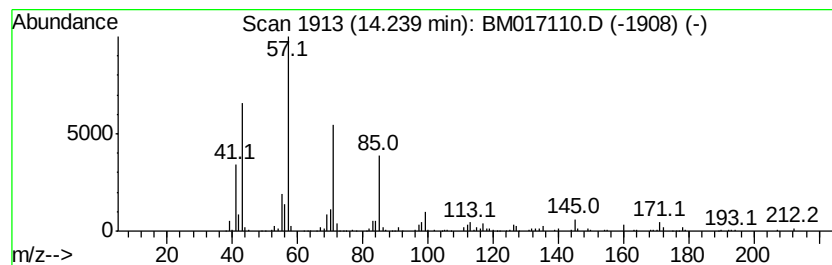
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	2.40 ng/ul	453121	Acenaphthene-d10	14.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	95
2		Pentadecane	212	C15H32	000629-62-9	94
3		Pentadecane	212	C15H32	000629-62-9	91
4		Tetradecane	198	C14H30	000629-59-4	80
5		Heptadecane	240	C17H36	000629-78-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017110.D
Acq On : 10 Oct 2018 22:59
Operator : MJ/SJ
Sample : J5234-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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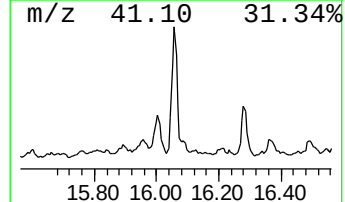
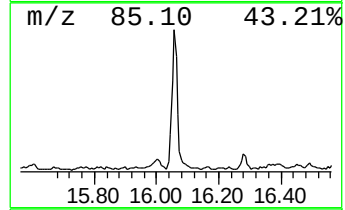
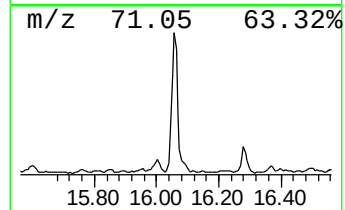
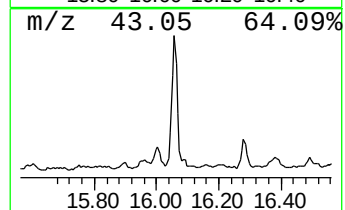
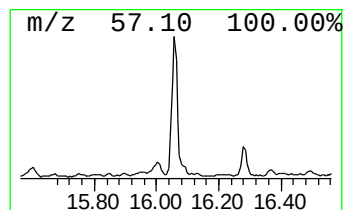
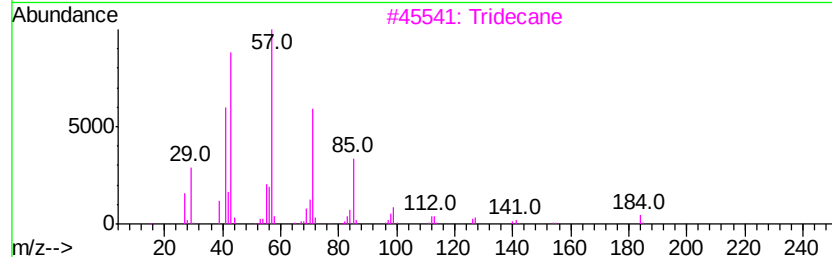
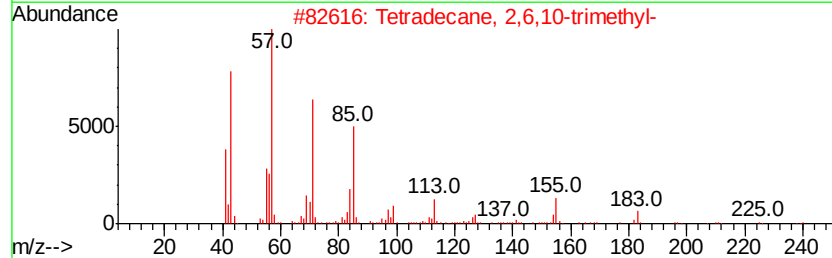
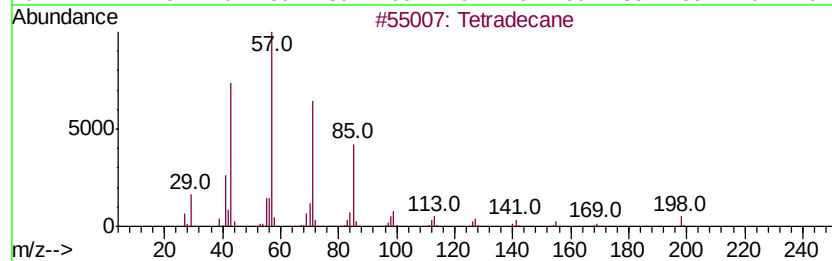
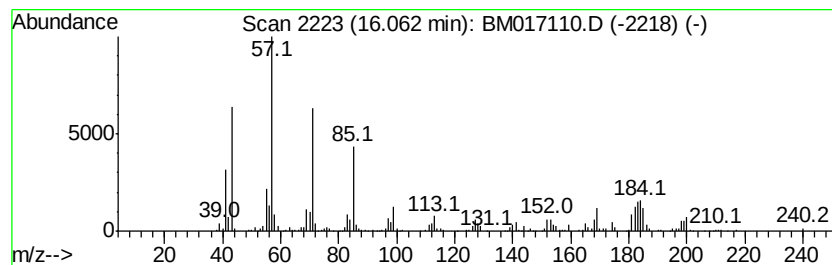
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	2.81 ng/ul	617943	Phenanthrene-d10	17.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	97
2		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	76
3		Tridecane	184	C13H28	000629-50-5	74
4		Dodecane	170	C12H26	000112-40-3	70
5		Octadecane	254	C18H38	000593-45-3	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
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Acq On : 10 Oct 2018 22:59
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Instrument :
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ClientSampleId :
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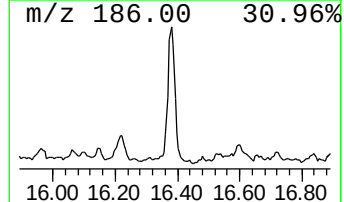
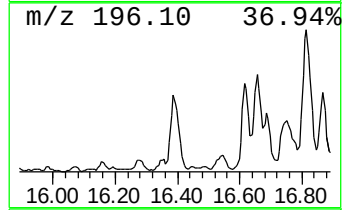
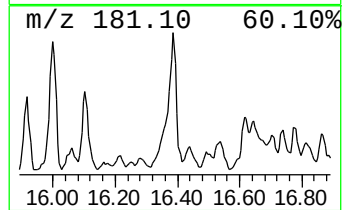
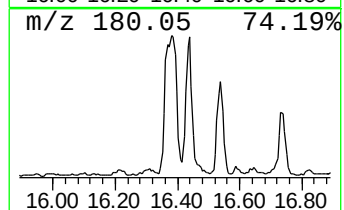
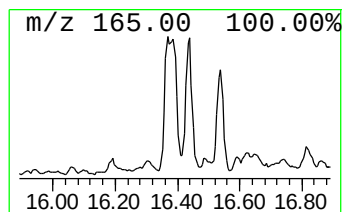
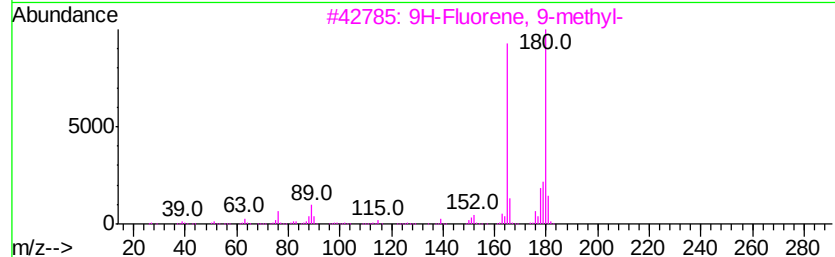
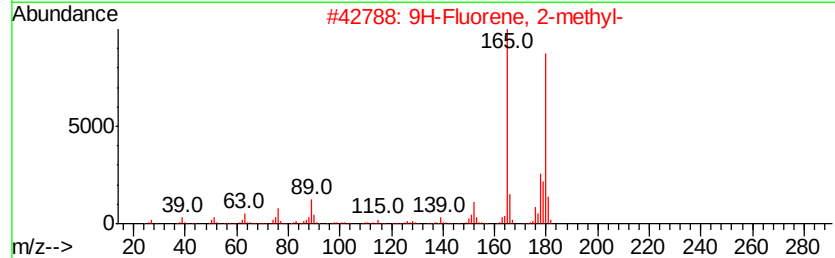
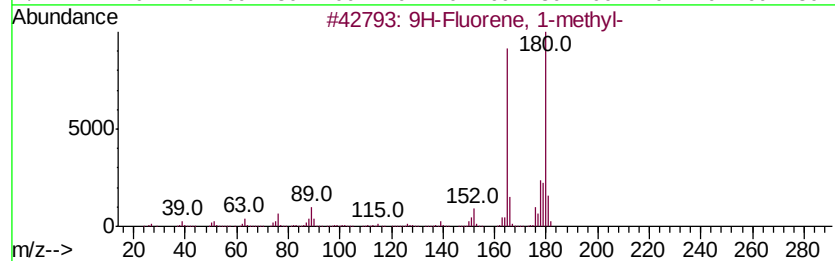
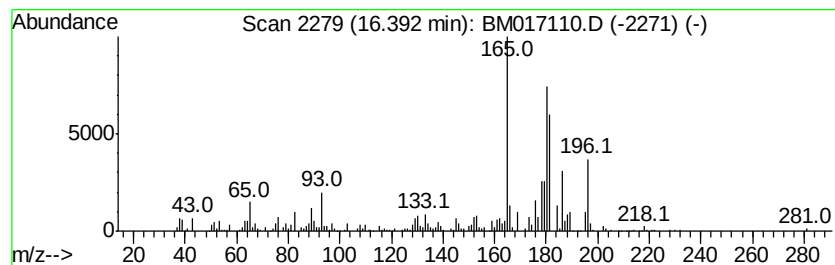
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 9H-Fluorene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	3.48 ng/ul	765965	Phenanthrene-d10	17.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
3		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	87
4		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	87
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
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Sample : J5234-10
Misc :
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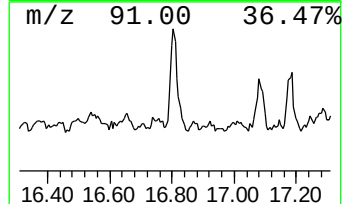
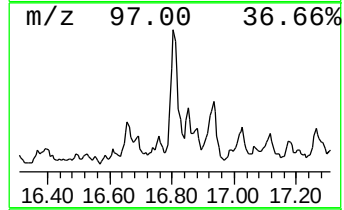
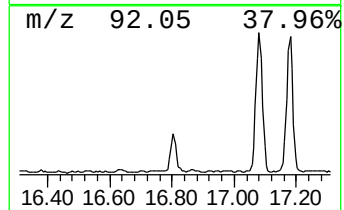
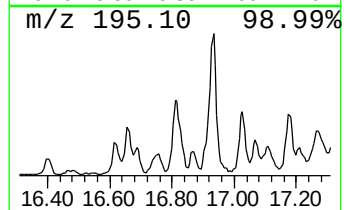
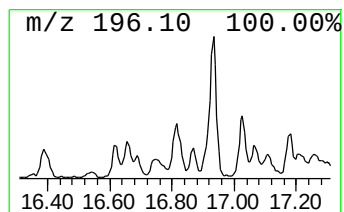
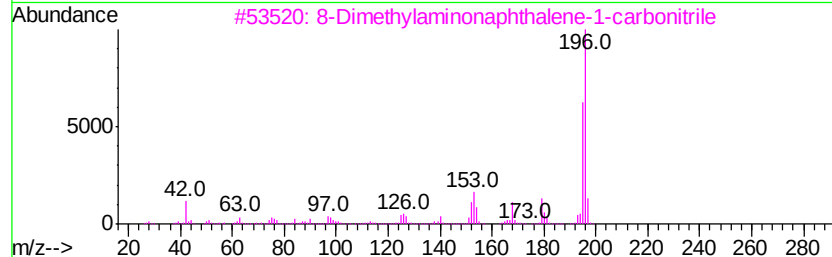
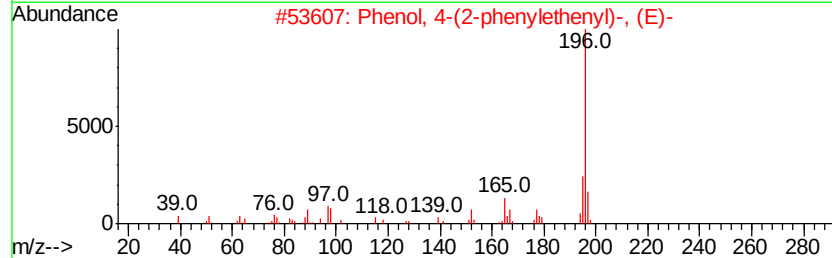
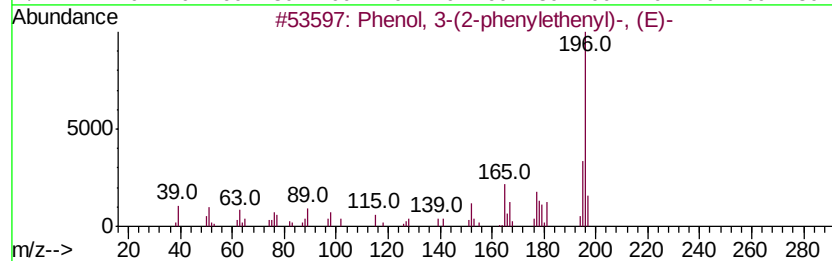
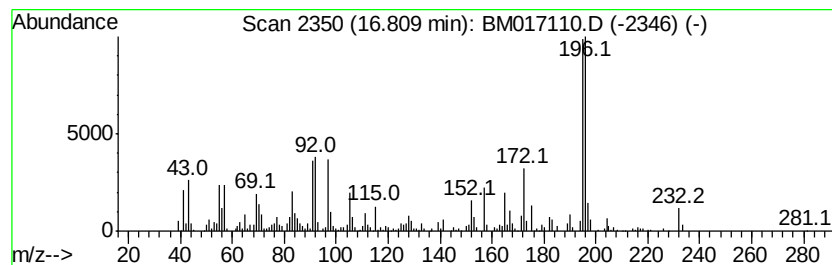
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.81	2.71 ng/ul	595521	Phenanthrene-d10	17.08		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	38
2		Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	38
3		8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	35
4		Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	30
5		9H-Fluorene-2,7-diamine	196	C13H12N2	000525-64-4	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
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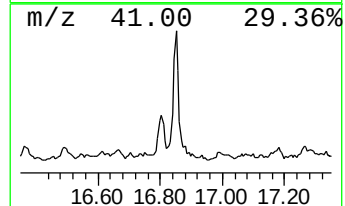
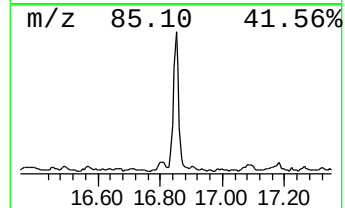
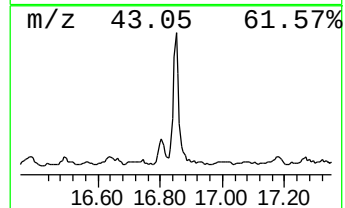
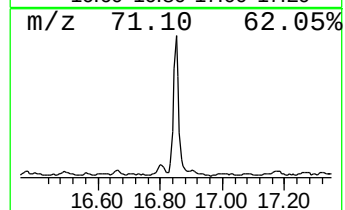
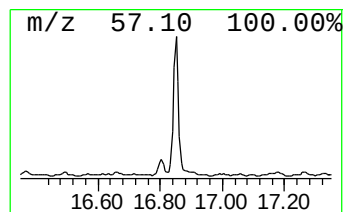
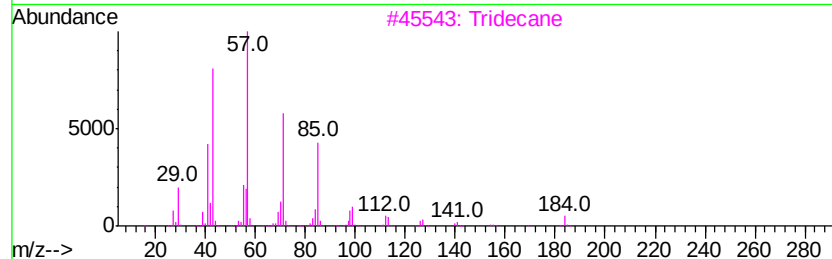
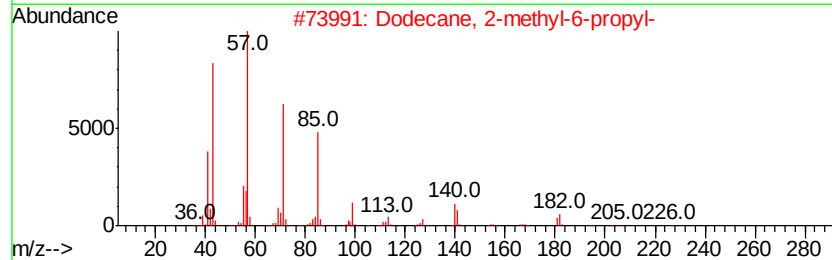
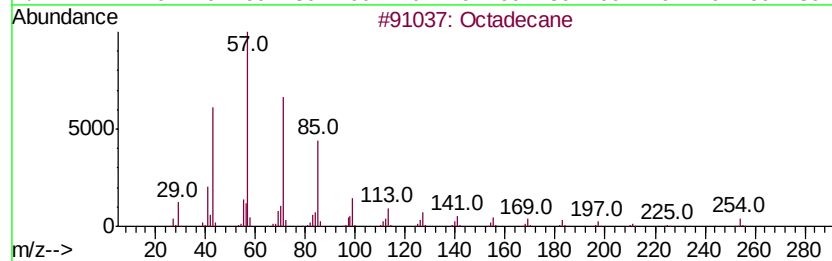
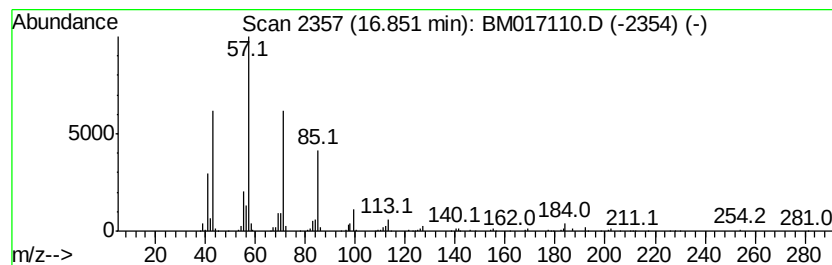
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	3.18 ng/ul	699668	Phenanthrene-d10	17.08

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	94
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
3			Tridecane	184	C13H28	000629-50-5	91
4			Hexadecane	226	C16H34	000544-76-3	90
5			Tetradecane	198	C14H30	000629-59-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
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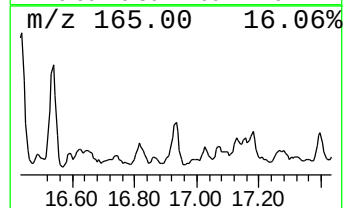
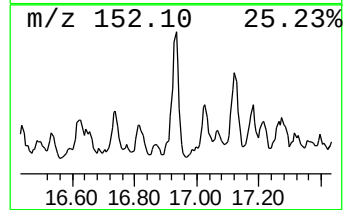
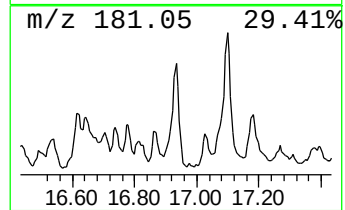
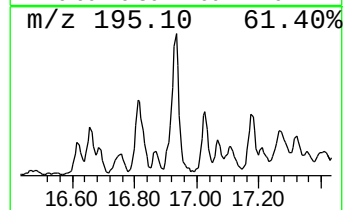
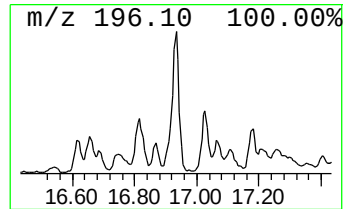
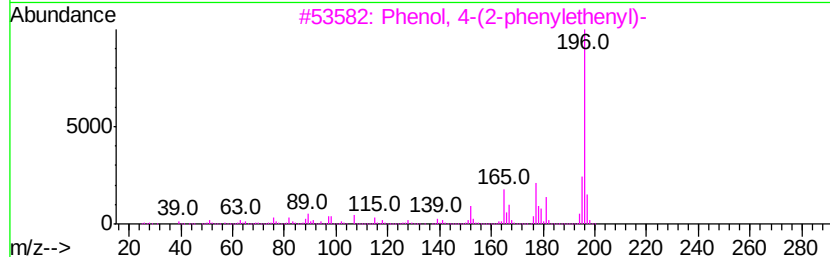
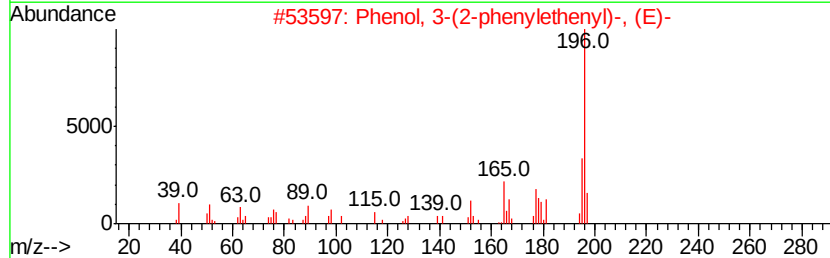
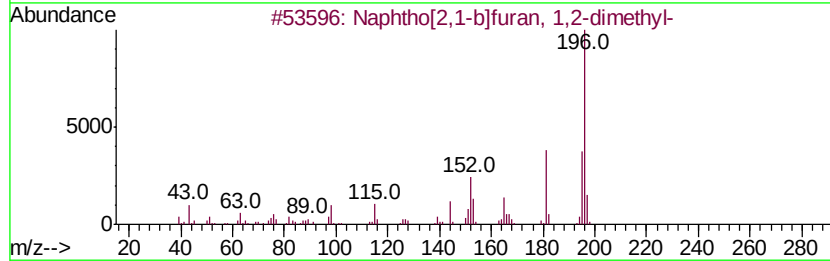
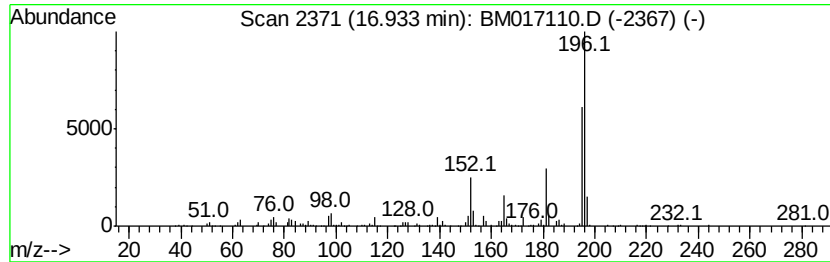
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 Naphtho[2,1-b]furan, 1,2-di... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	2.45 ng/ul	539569	Phenanthrene-d10	17.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphtho[2,1-b]furan, 1,2-dimethyl-	196 C14H12O	129812-23-3 68
2		Phenol, 3-(2-phenylethenyl)-, (E)-	196 C14H12O	017861-18-6 53
3		Phenol, 4-(2-phenylethenyl)-	196 C14H12O	003839-46-1 53
4		Phenol, 4-(2-phenylethenyl)-, (E)-	196 C14H12O	006554-98-9 52
5		Benzaldehyde, 3,4,5-trimethoxy-	196 C10H12O4	000086-81-7 49



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
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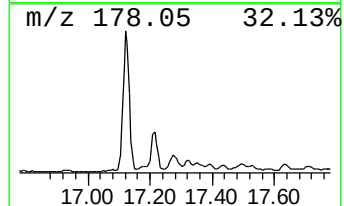
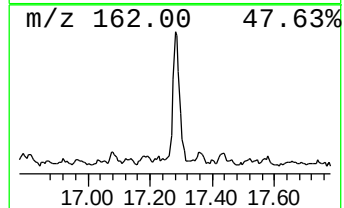
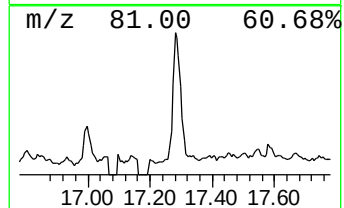
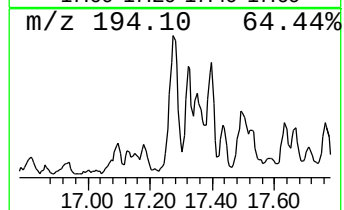
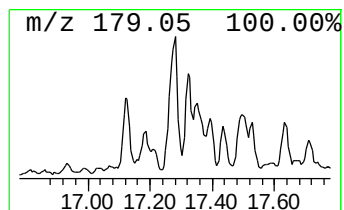
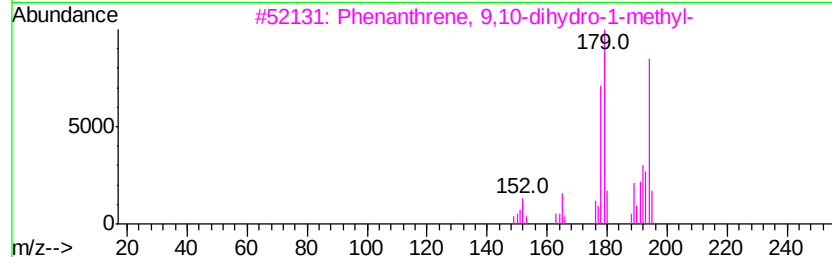
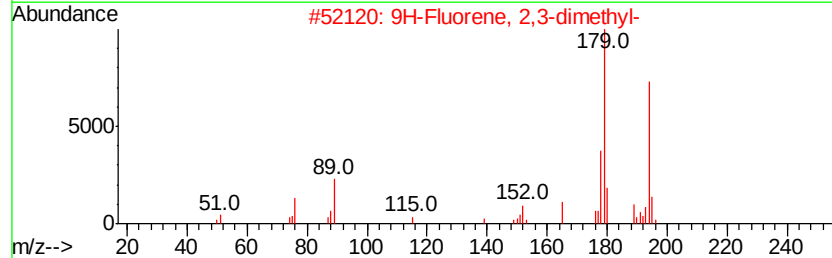
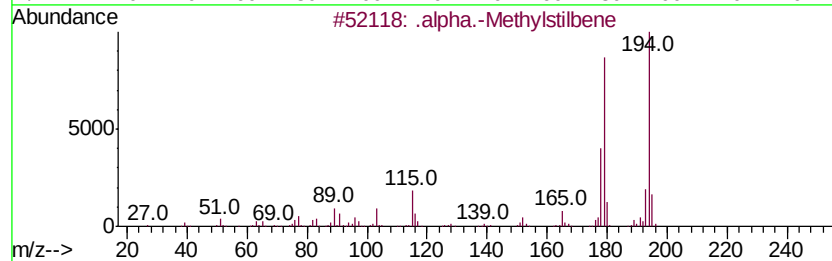
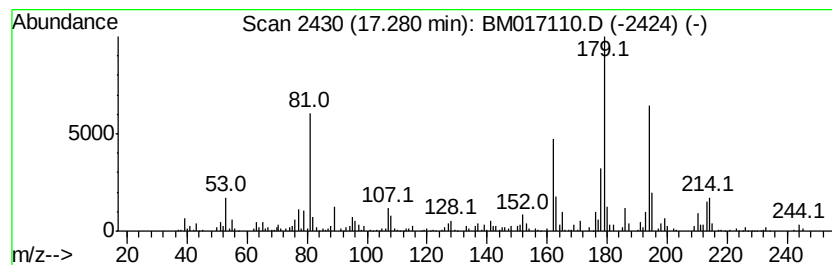
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 .alpha.-Methylstilbene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.28	2.57 ng/ul	565710	Phenanthrene-d10	17.08	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Methylstilbene	194	C15H14	000779-51-1	60
2	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	53
3	Phenanthrene, 9,10-dihydro-1-met...	194	C15H14	095676-48-5	45
4	Anthracene, 9,10-dihydro-2-methyl-	194	C15H14	000948-67-4	43
5	4-Acetylphenoxyacetic acid	194	C10H10O4	001878-81-5	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017110.D
Acq On : 10 Oct 2018 22:59
Operator : MJ/SJ
Sample : J5234-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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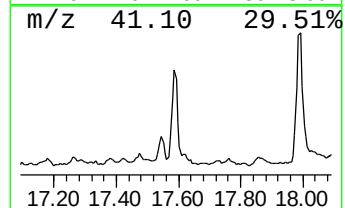
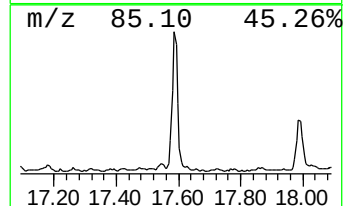
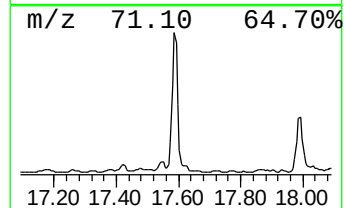
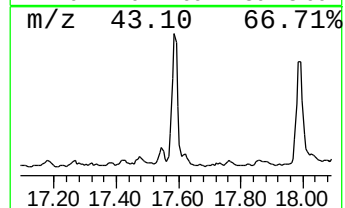
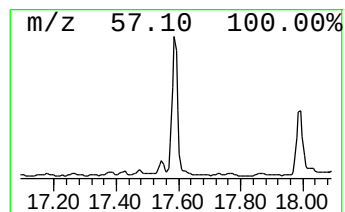
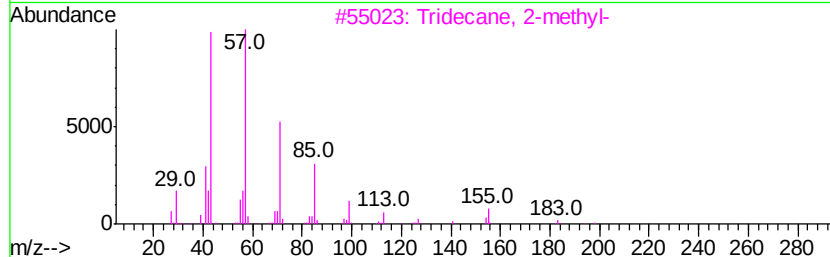
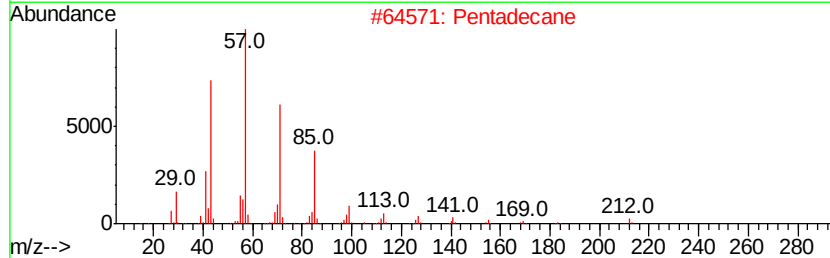
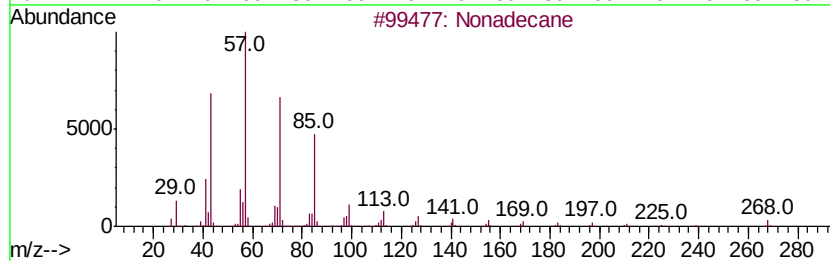
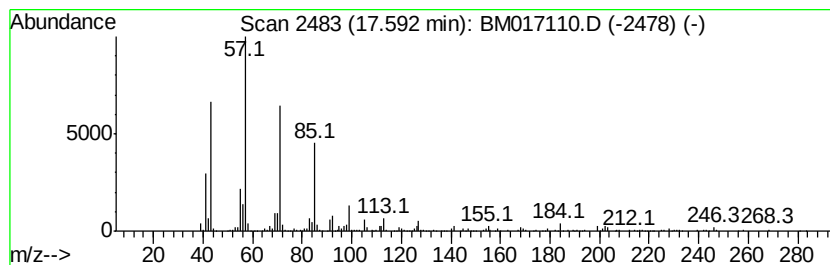
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.59	3.06 ng/ul	673432	Phenanthrene-d10	17.08

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	95
2			Pentadecane	212	C15H32	000629-62-9	81
3			Tridecane, 2-methyl-	198	C14H30	001560-96-9	81
4			Tridecane	184	C13H28	000629-50-5	80
5			Tridecane, 6-propyl-	226	C16H34	055045-10-8	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017110.D
Acq On : 10 Oct 2018 22:59
Operator : MJ/SJ
Sample : J5234-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

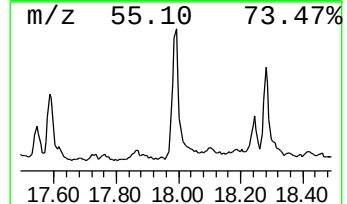
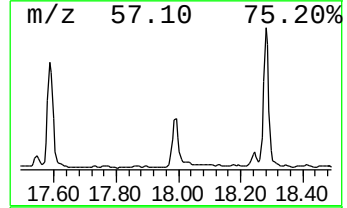
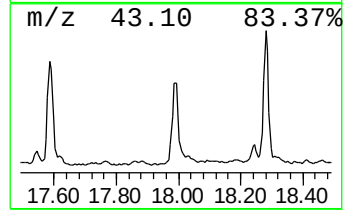
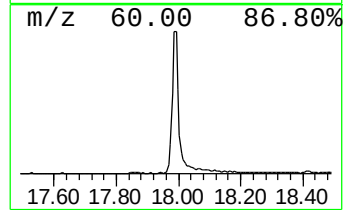
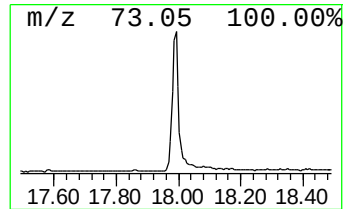
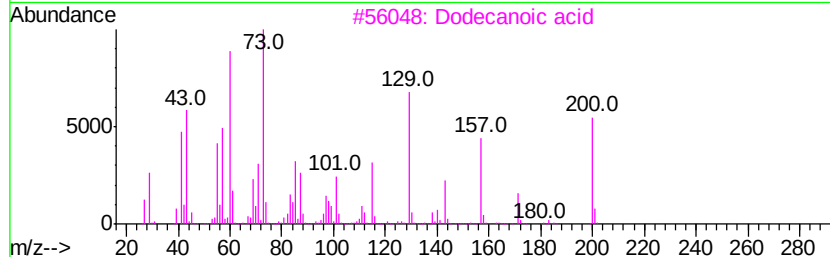
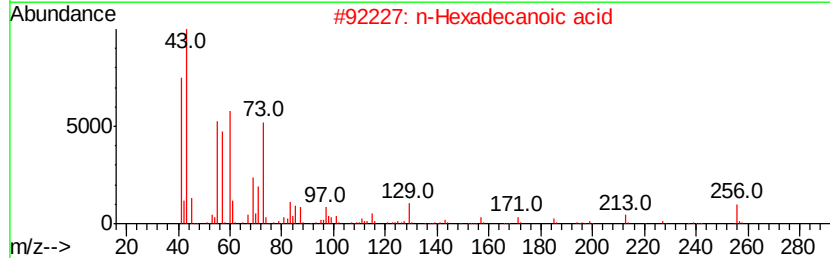
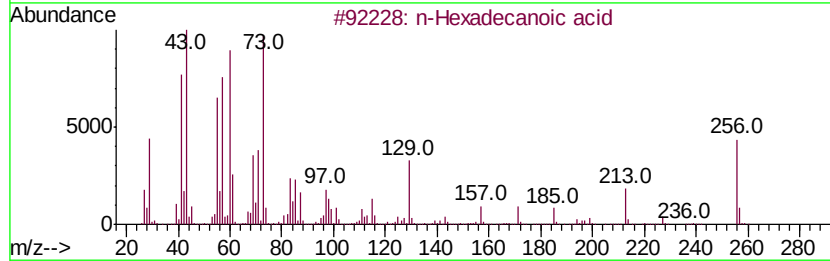
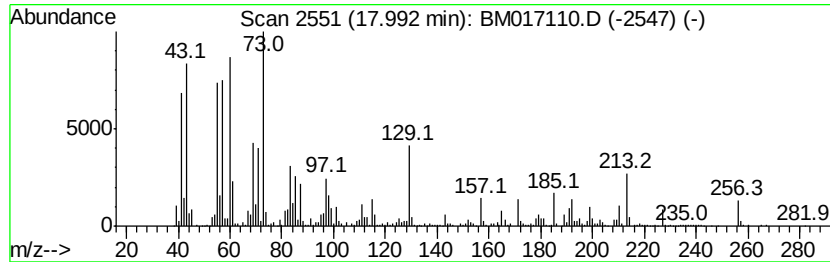
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 12 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.99	7.11 ng/ul	1562450	Phenanthrene-d10	17.08	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Dodecanoic acid	200	C12H24O2	000143-07-7	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017110.D
Acq On : 10 Oct 2018 22:59
Operator : MJ/SJ
Sample : J5234-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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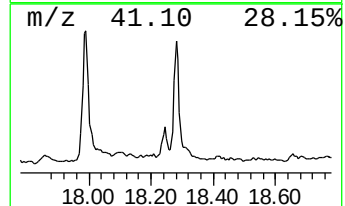
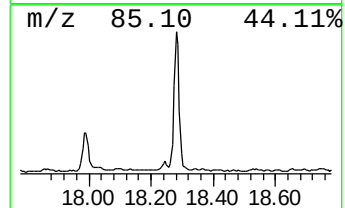
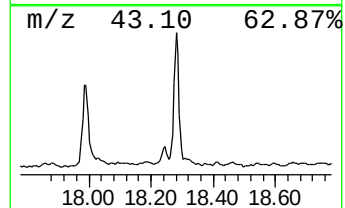
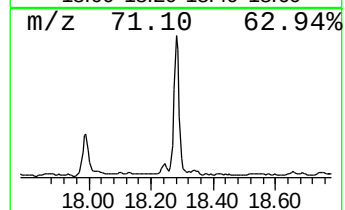
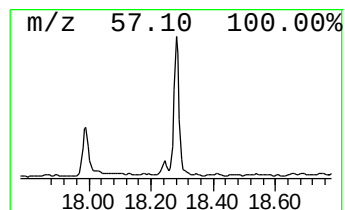
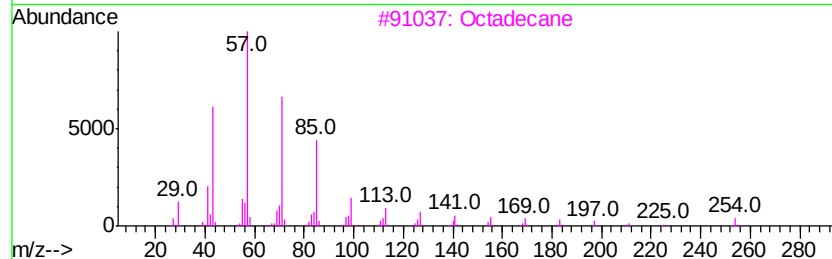
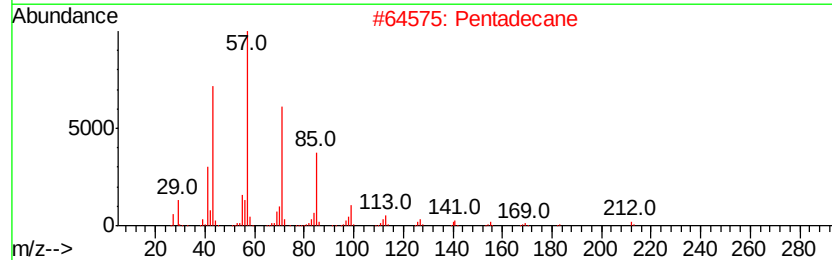
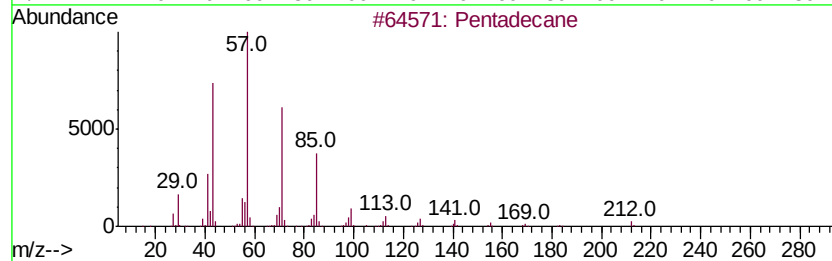
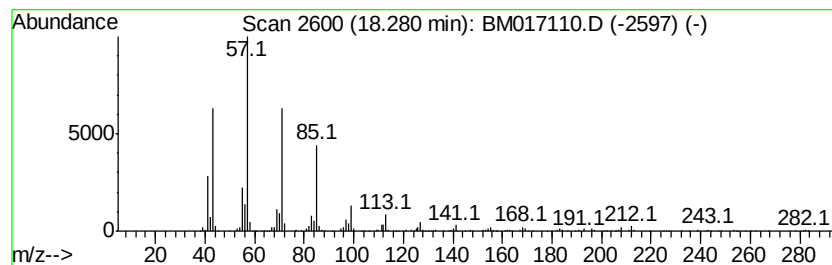
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	3.31 ng/ul	726828	Phenanthrene-d10	17.08

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	97
2			Pentadecane	212	C15H32	000629-62-9	96
3			Octadecane	254	C18H38	000593-45-3	95
4			2-Bromo dodecane	248	C12H25Br	013187-99-0	93
5			Pentadecane	212	C15H32	000629-62-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017110.D
Acq On : 10 Oct 2018 22:59
Operator : MJ/SJ
Sample : J5234-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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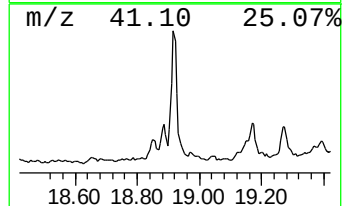
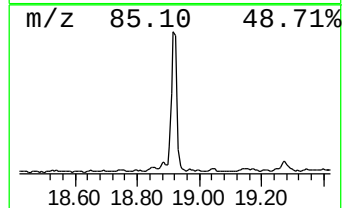
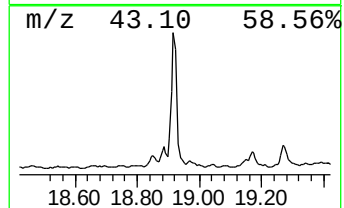
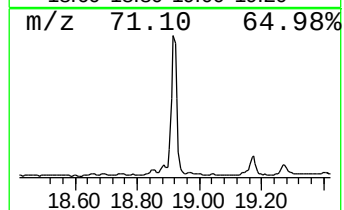
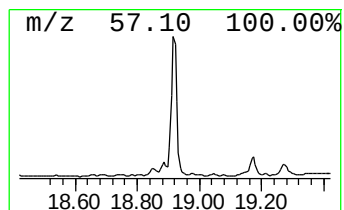
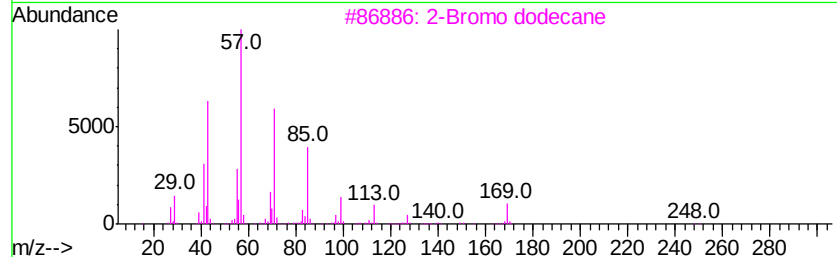
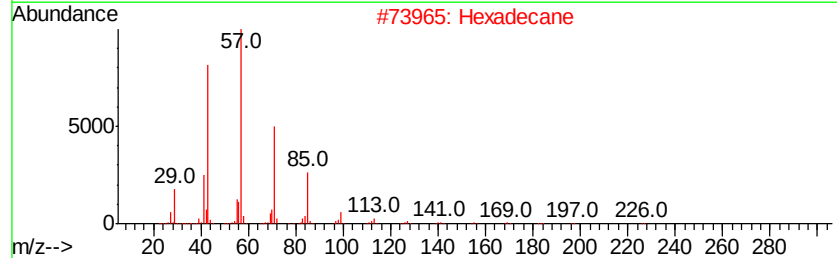
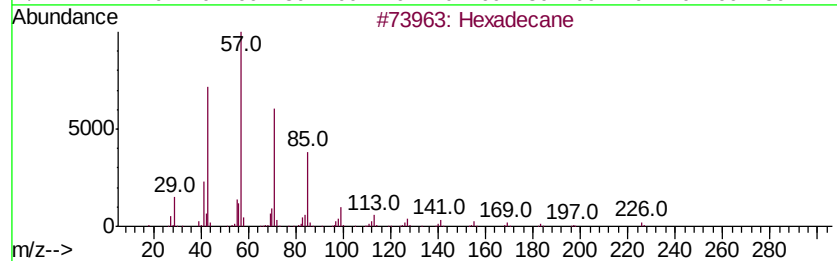
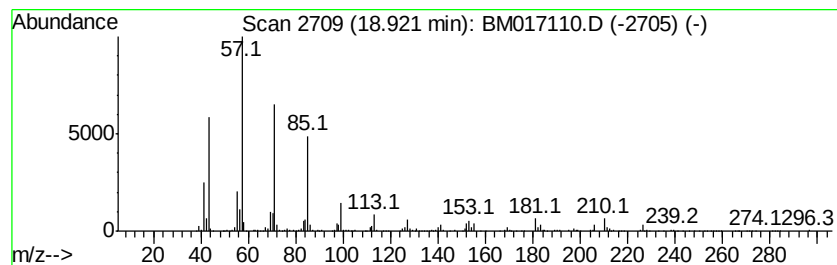
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	5.41 ng/ul	1188920	Phenanthrene-d10	17.08

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	96
2			Hexadecane	226	C16H34	000544-76-3	96
3			2-Bromo dodecane	248	C12H25Br	013187-99-0	90
4			Hexadecane, 5-butyl-	282	C20H42	006912-07-8	76
5			Hexadecane, 3-methyl-	240	C17H36	006418-43-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017110.D
Acq On : 10 Oct 2018 22:59
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Sample : J5234-10
Misc :
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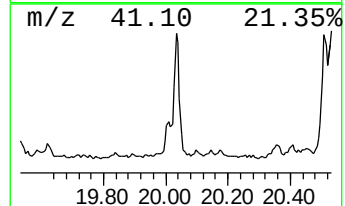
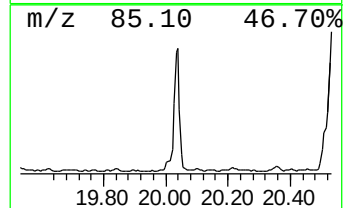
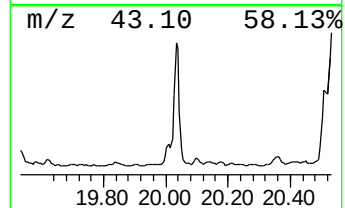
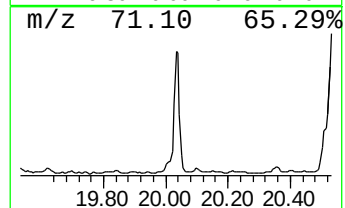
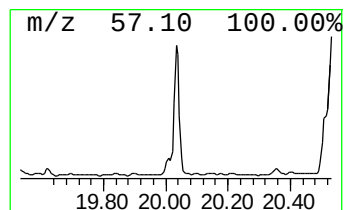
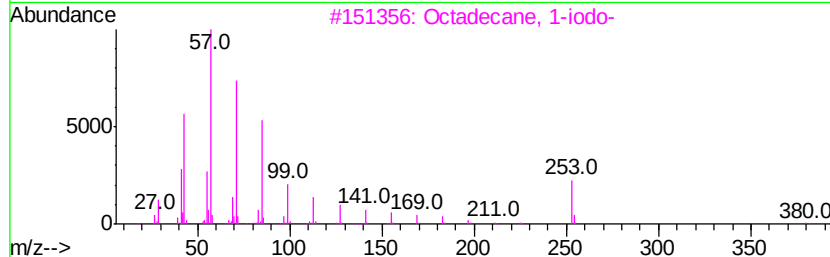
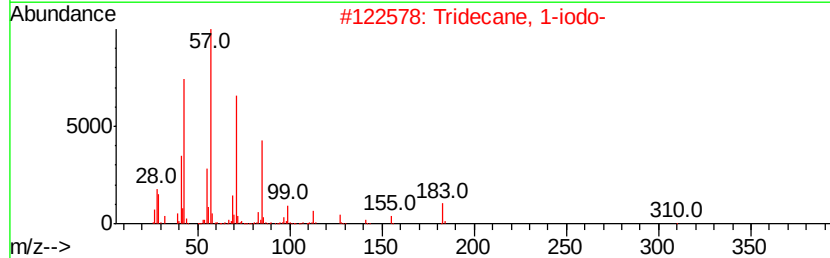
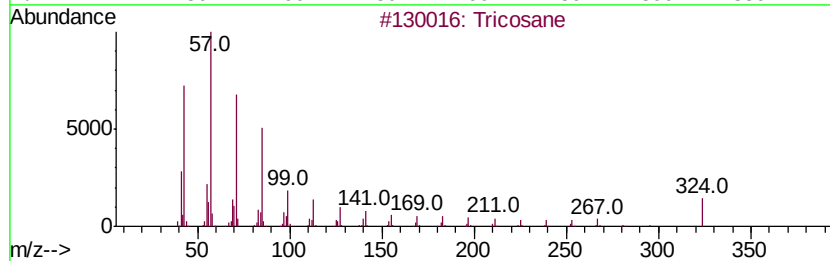
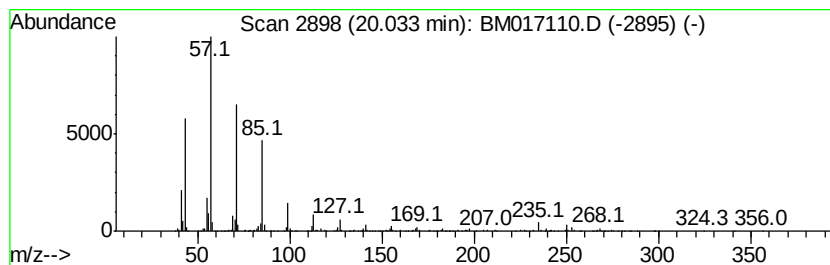
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	5.25 ng/ul	1022390	Chrysene-d12	21.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricosane	324	C23H48	000638-67-5	87
2			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
3			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
4			Eicosane	282	C20H42	000112-95-8	68
5			Heptacosane	380	C27H56	000593-49-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017110.D
Acq On : 10 Oct 2018 22:59
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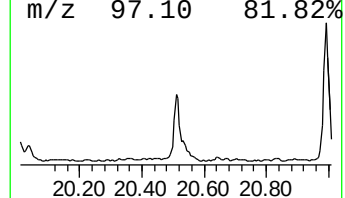
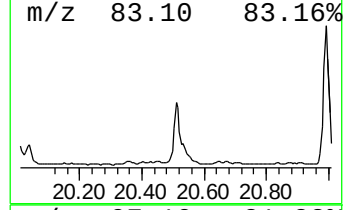
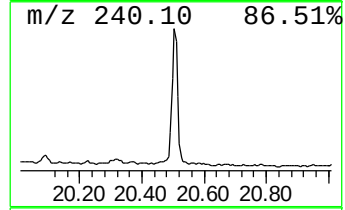
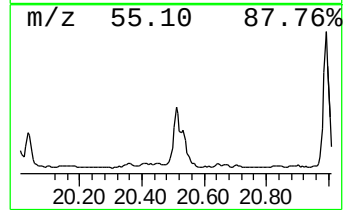
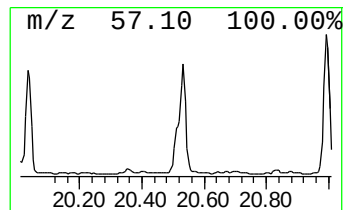
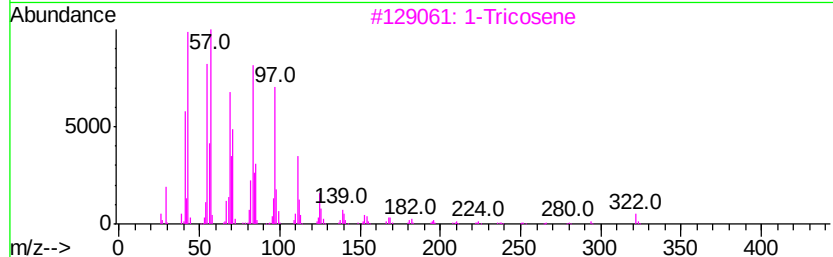
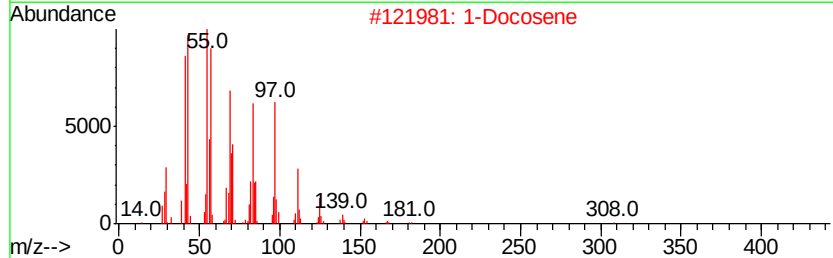
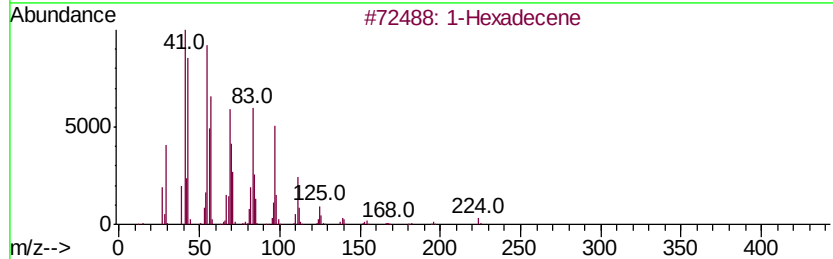
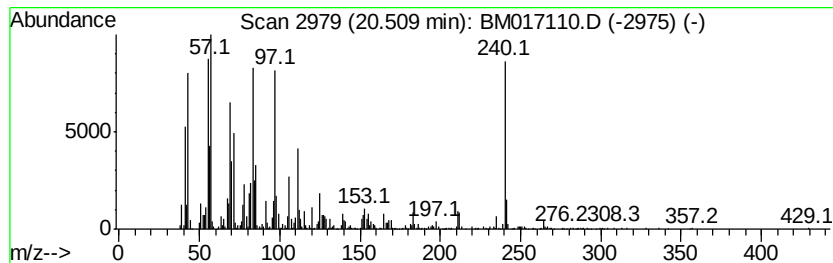
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Cyclic20.51 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.51	8.00 ng/ul	1556950	Chrysene-d12	21.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexadecene	224	C16H32	000629-73-2	93
2			1-Docosene	308	C22H44	001599-67-3	76
3			1-Tricosene	322	C23H46	018835-32-0	76
4			Cyclotetracosane	336	C24H48	000297-03-0	76
5			1-Eicosanol	298	C20H42O	000629-96-9	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017110.D
Acq On : 10 Oct 2018 22:59
Operator : MJ/SJ
Sample : J5234-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

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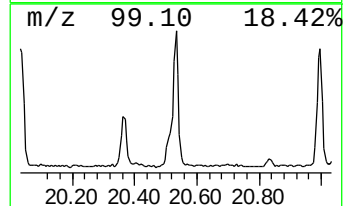
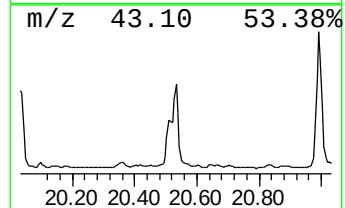
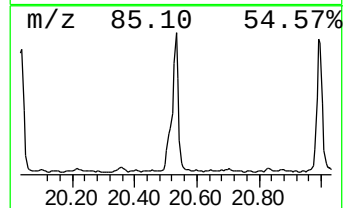
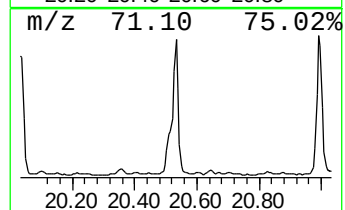
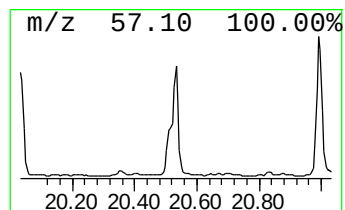
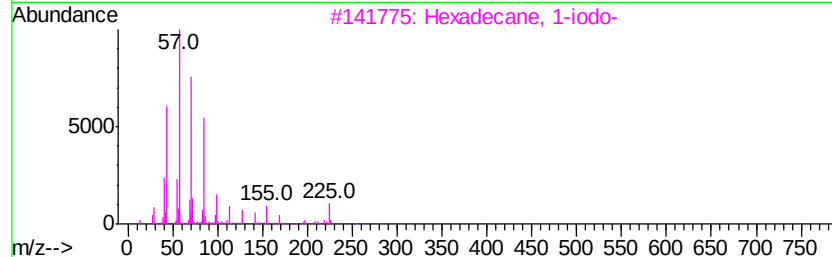
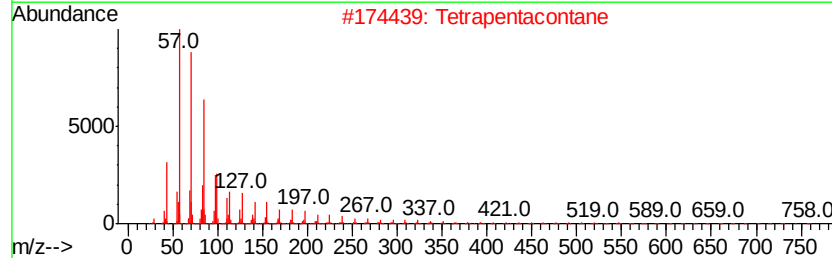
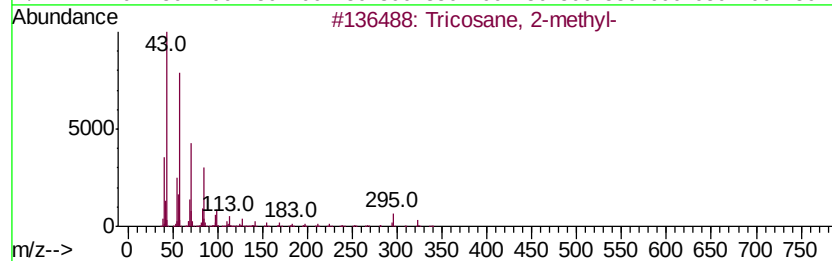
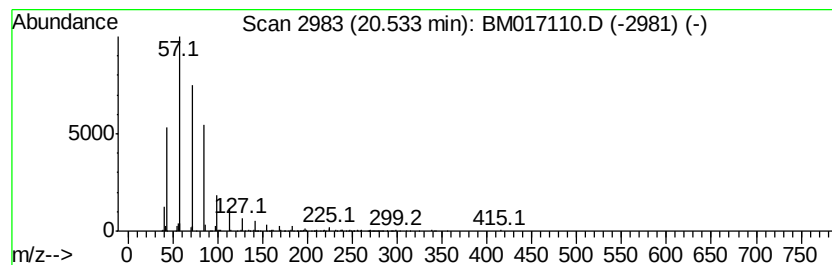
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.53	4.70 ng/ul	915661	Chrysene-d12	21.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricosane, 2-methyl-	338	C24H50	001928-30-9	86
2			Tetrapentacontane	759	C54H110	005856-66-6	83
3			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	83
4			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	83
5			Hexadecane	226	C16H34	000544-76-3	83



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Acq On : 10 Oct 2018 22:59
Operator : MJ/SJ
Sample : J5234-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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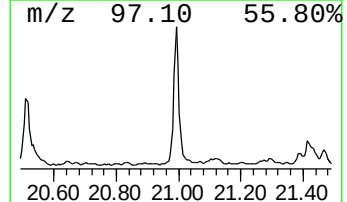
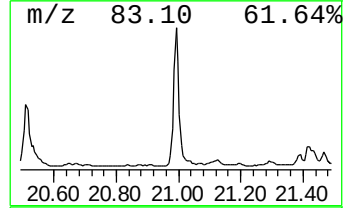
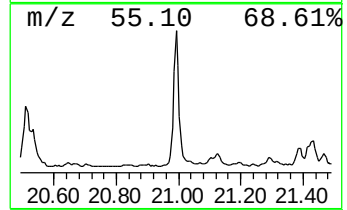
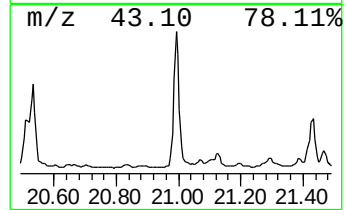
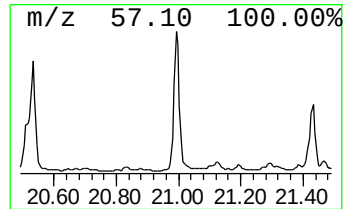
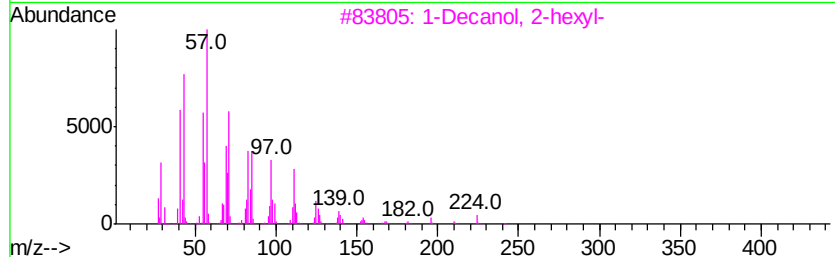
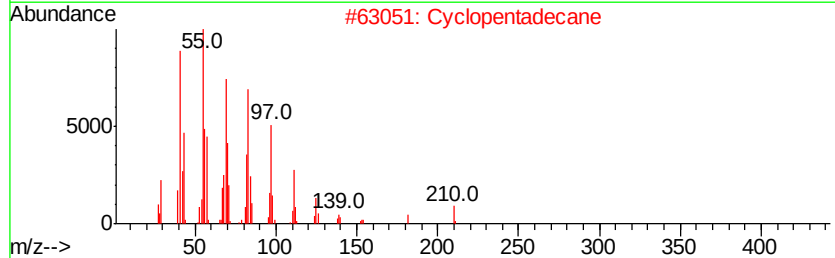
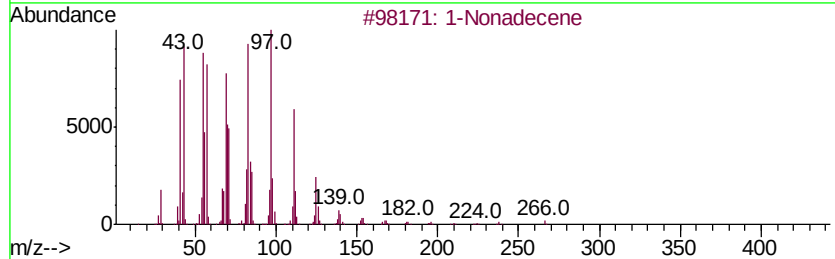
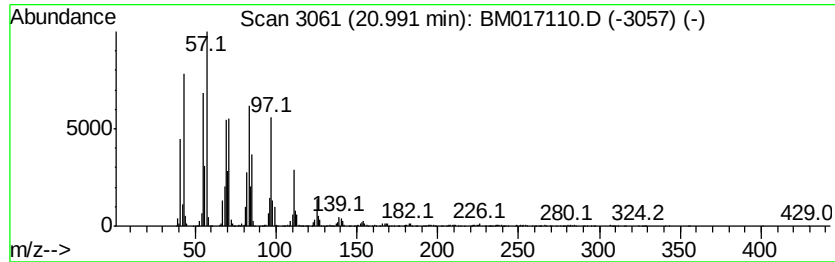
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Cyclic20.99 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	14.45 ng/ul	2813730	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	96
2		Cyclopentadecane	210	C15H30	000295-48-7	93
3		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	93
4		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
5		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017110.D
Acq On : 10 Oct 2018 22:59
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Sample : J5234-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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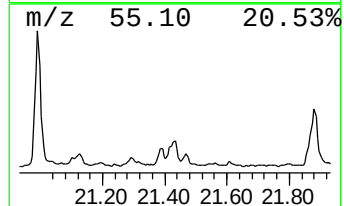
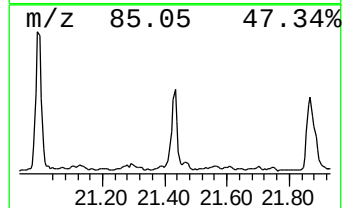
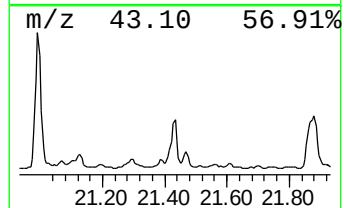
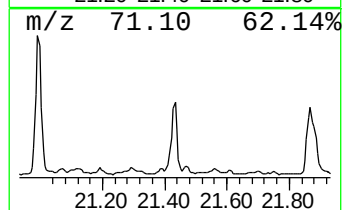
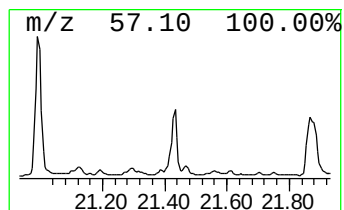
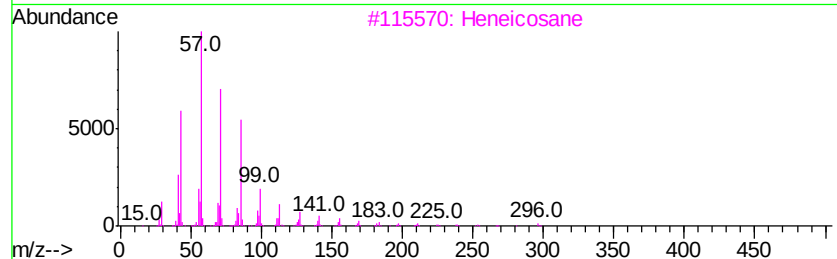
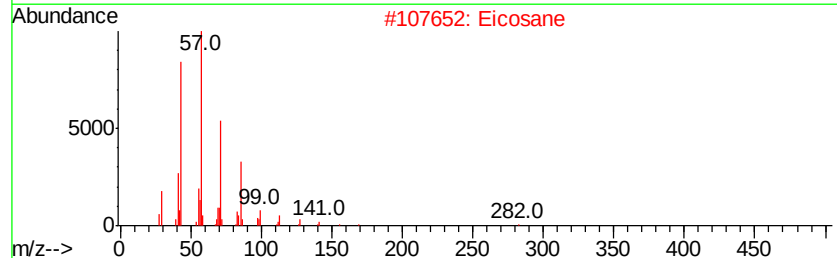
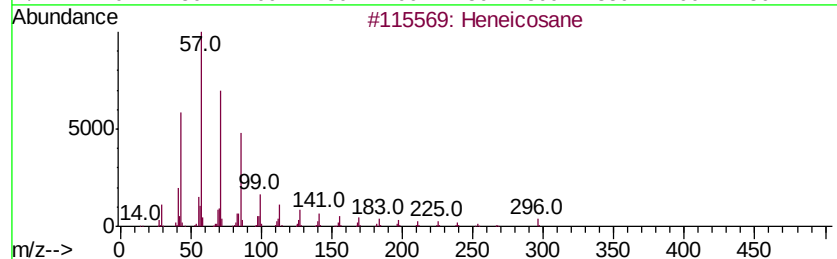
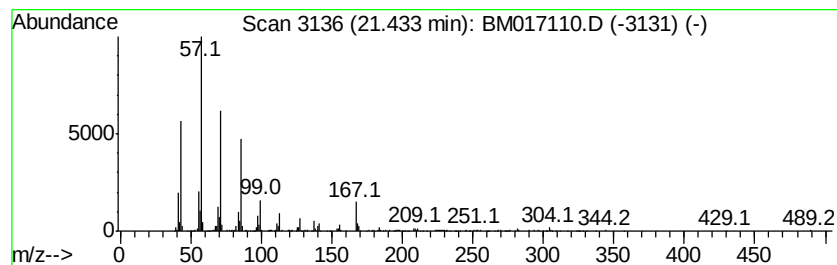
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	3.95 ng/ul	769370	Chrysene-d12	21.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	98
2			Eicosane	282	C20H42	000112-95-8	93
3			Heneicosane	296	C21H44	000629-94-7	87
4			Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	86
5			Octadecane	254	C18H38	000593-45-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017110.D
Acq On : 10 Oct 2018 22:59
Operator : MJ/SJ
Sample : J5234-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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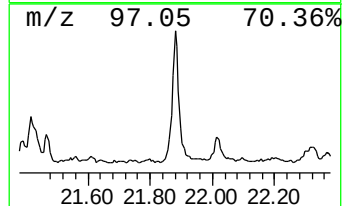
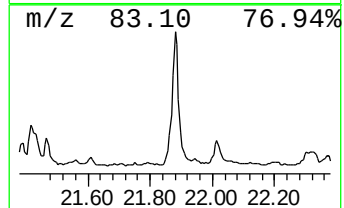
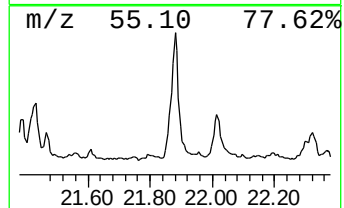
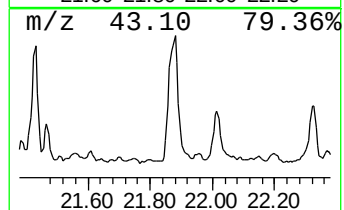
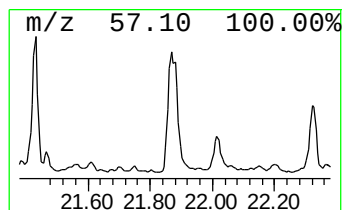
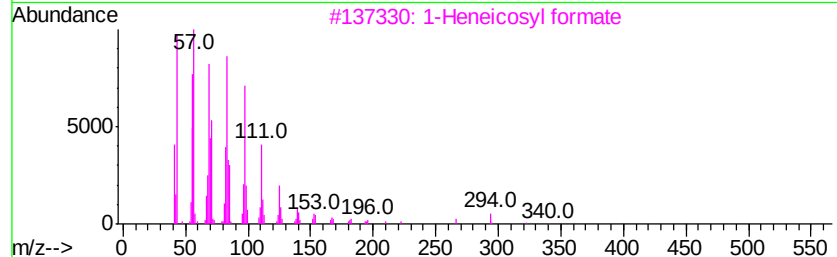
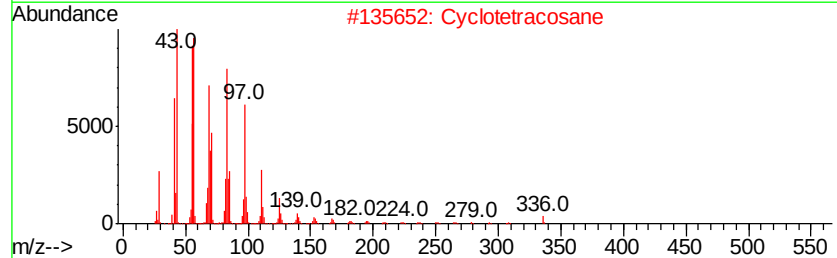
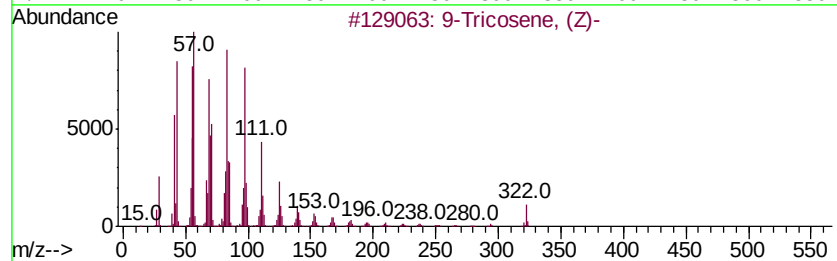
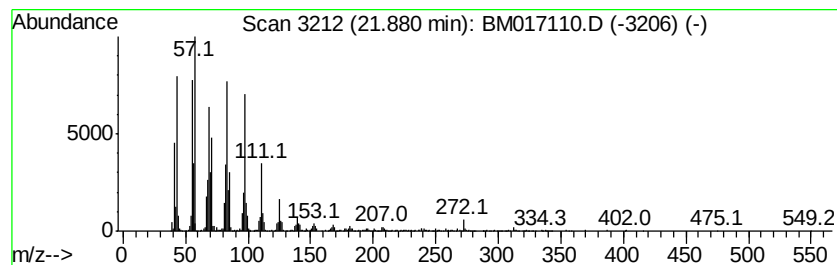
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 (DEL) Alkane: Cyclic21.88 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.88	9.48 ng/ul	1844910	Chrysene-d12	21.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Tricosene, (Z)-	322	C23H46	027519-02-4	98
2			Cyclotetracosane	336	C24H48	000297-03-0	97
3			1-Heneicosyl formate	340	C22H44O2	077899-03-7	96
4			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
5			17-Pentatriacontene	491	C35H70	006971-40-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017110.D
Acq On : 10 Oct 2018 22:59
Operator : MJ/SJ
Sample : J5234-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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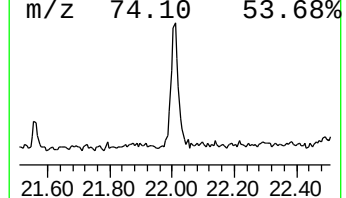
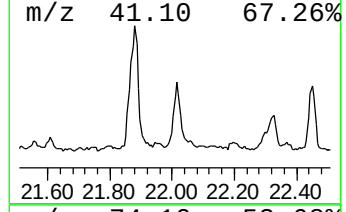
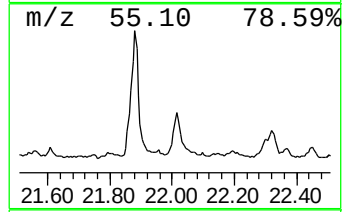
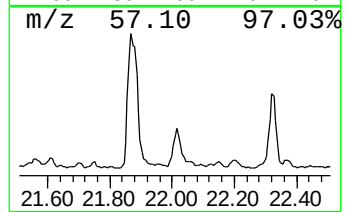
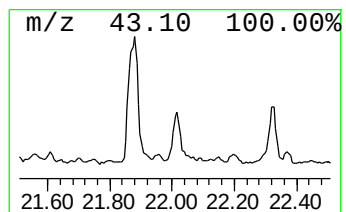
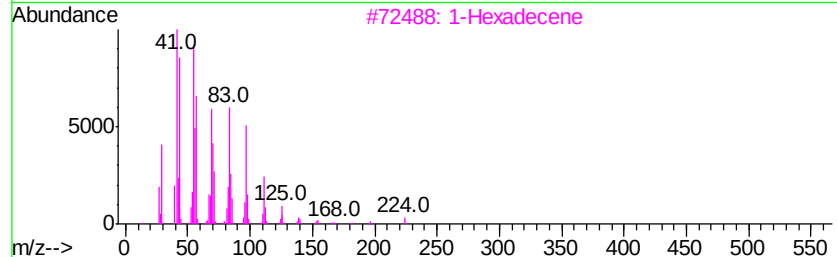
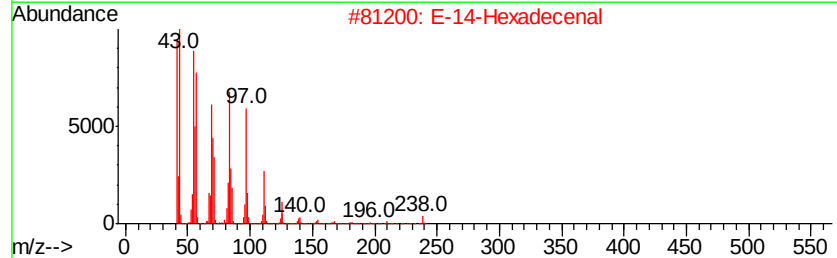
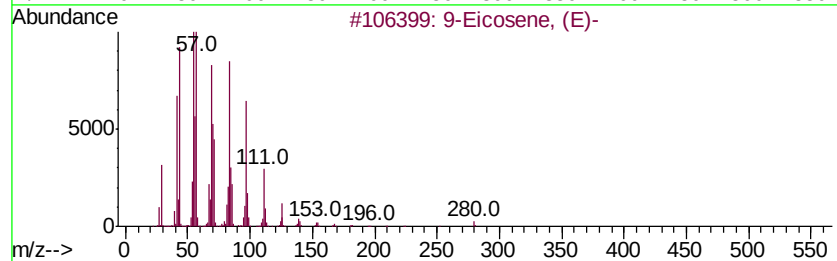
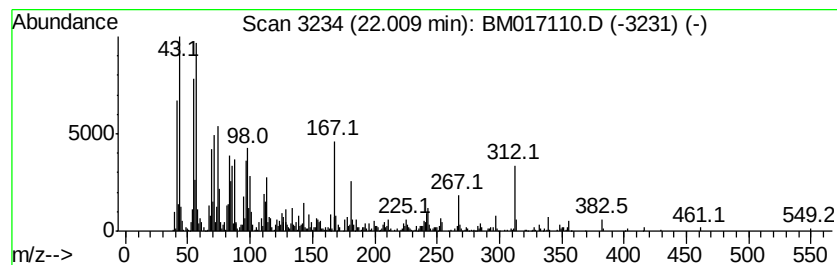
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 (DEL) Alkane: Cyclic22.01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.01	3.50 ng/ul	681225	Chrysene-d12	21.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Eicosene, (E)-	280	C20H40	074685-29-3	44
2			E-14-Hexadecenal	238	C16H30O	330207-53-9	35
3			1-Hexadecene	224	C16H32	000629-73-2	35
4			Eicosanoic acid	312	C20H40O2	000506-30-9	25
5			Cyclopentane, 1,1'-[3-(2-cyclope...	304	C22H40	055255-85-1	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
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Sample : J5234-10
Misc :
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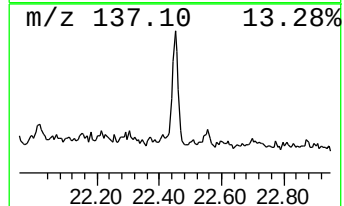
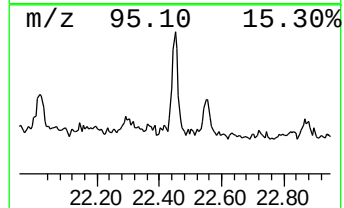
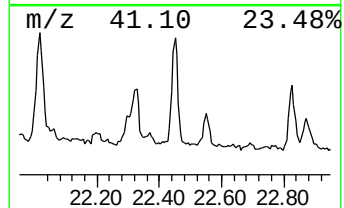
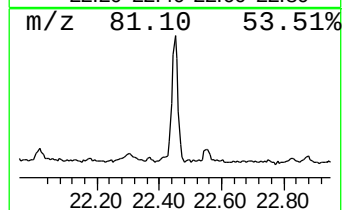
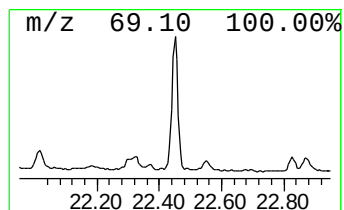
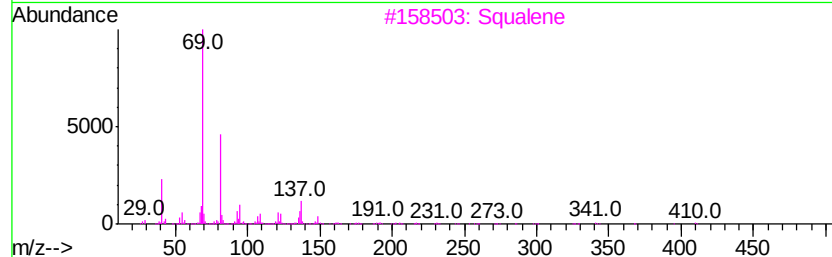
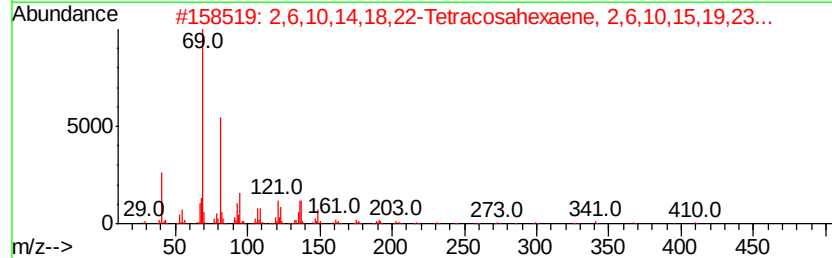
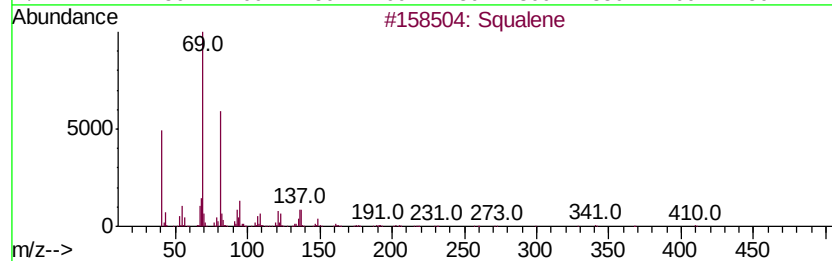
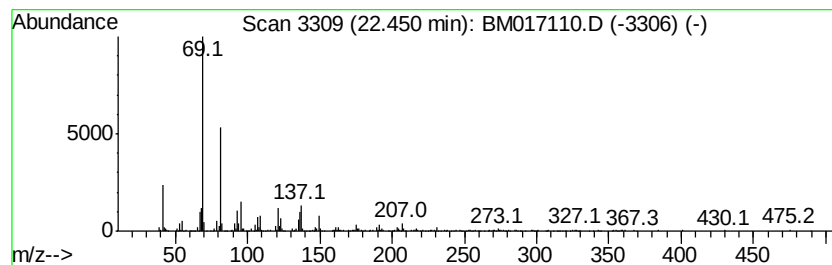
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Squalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	3.17 ng/ul	508126	Perylene-d12	23.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene		410 C30H50	007683-64-9 90
2	2,6,10,14,18,22-Tetracosahexaene...		410 C30H50	000111-02-4 90
3	Squalene		410 C30H50	007683-64-9 90
4	2,6,10,14,18,22-Tetracosahexaene...		410 C30H50	000111-02-4 86
5	Docosa-2,6,10,14,18-pentaen-22-a...		384 C27H44O	1000163-04-7 78



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
Data File : BM017110.D
Acq On : 10 Oct 2018 22:59
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Misc :
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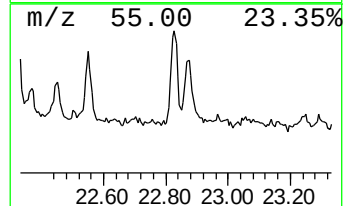
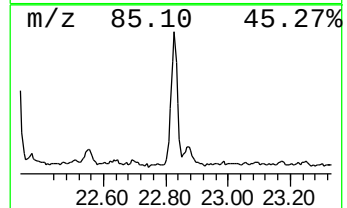
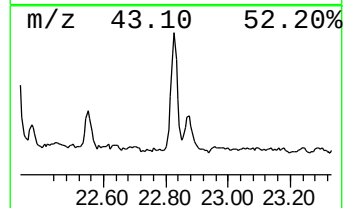
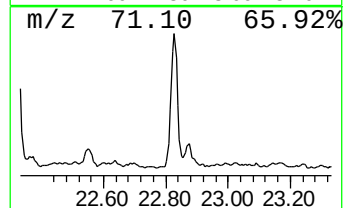
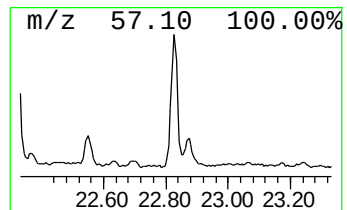
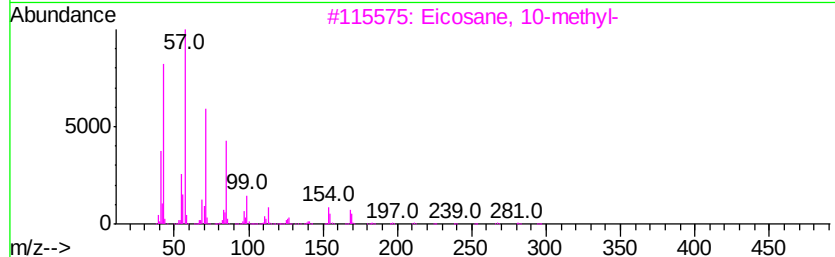
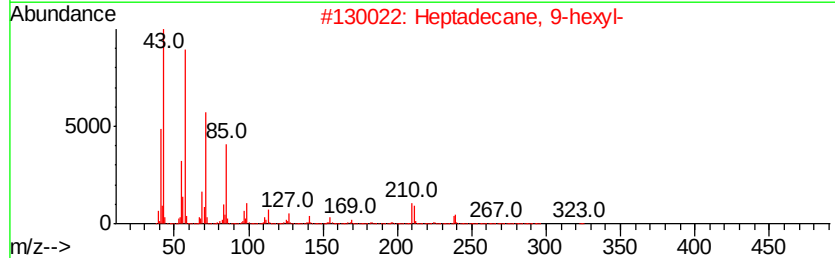
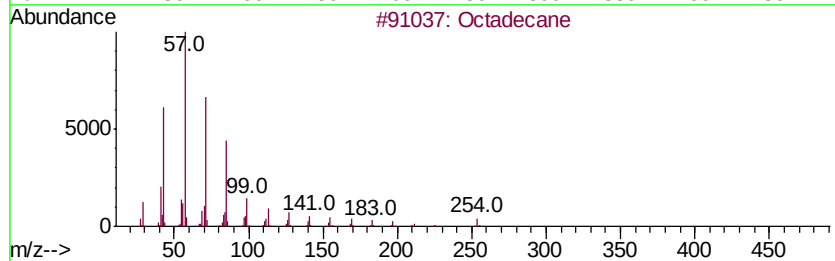
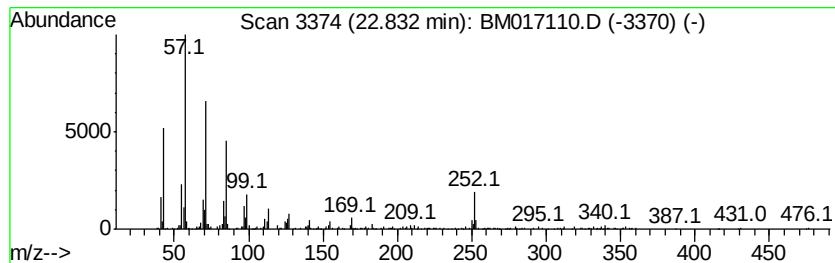
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	2.60 ng/ul	416993	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	94
2		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
4		Tricosane	324	C23H48	000638-67-5	90
5		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101018\
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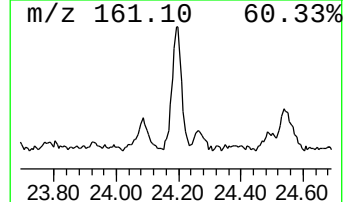
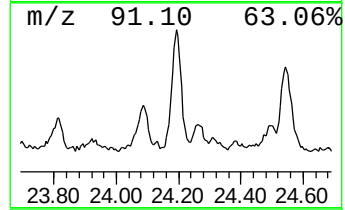
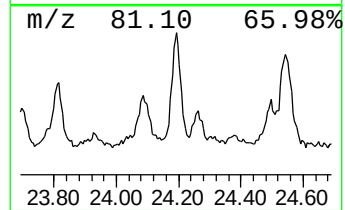
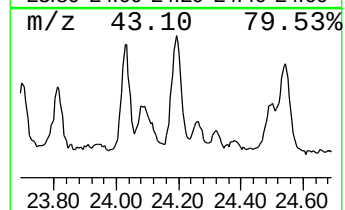
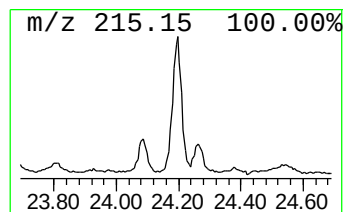
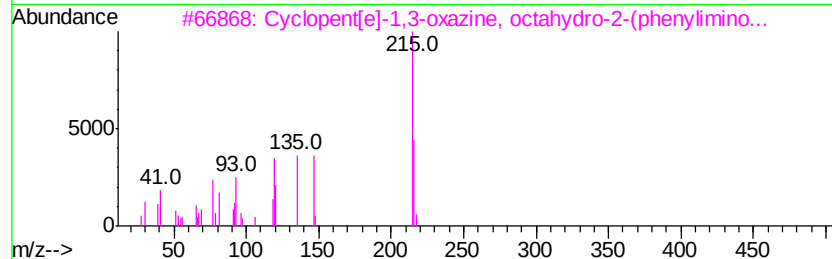
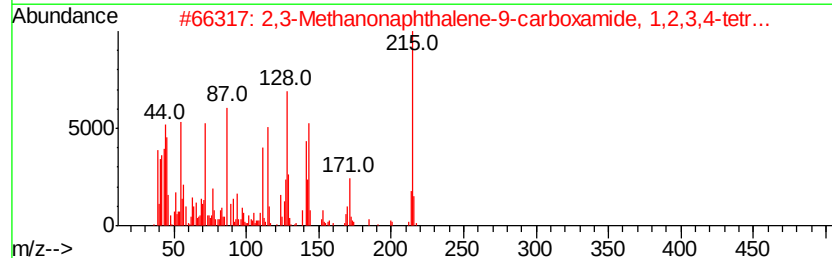
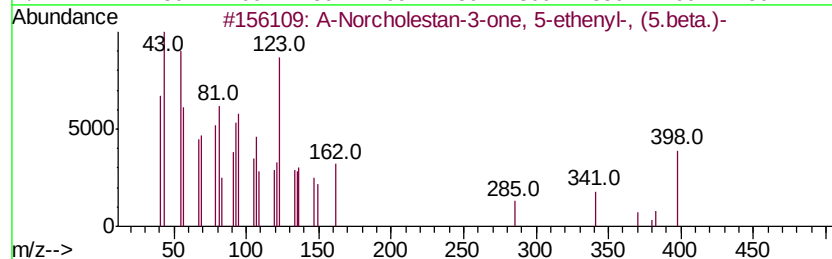
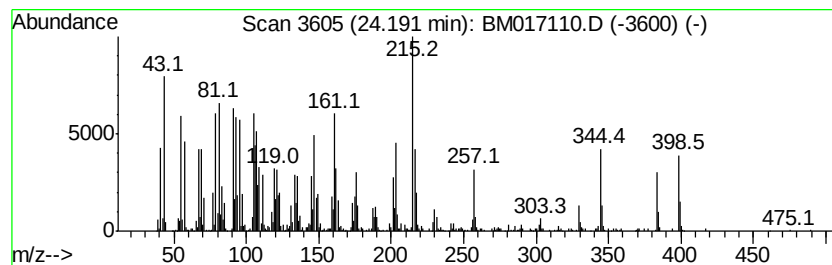
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 A-Norcholestan-3-one, 5-eth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.19	9.20 ng/ul	1474900	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	A-Norcholestan-3-one, 5-ethenyl-...	398	C28H46O	019594-90-2	53
2		2,3-Methanonaphthalene-9-carboxa...	215	C14H17NO	030265-04-4	25
3		Cyclopent[el]-1,3-oxazine, octahv...	216	C13H16N2O	1000138-92-2	22
4		5,6-Dihydroergosterol	398	C28H46O	096391-64-9	18
5		Ergosta-5,7-dien-3-ol, (3.beta.)-	398	C28H46O	000516-79-0	15



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101018\
 Data File : BM017110.D
 Acq On : 10 Oct 2018 22:59
 Operator : MJ/SJ
 Sample : J5234-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AK8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.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
Naphthalene, 1-me...	12.36	2.1	ng/ul	300150	2	10.47	2912530	20.0
1,2,3-Trimethylin...	13.06	2.1	ng/ul	394878	3	14.33	3777650	20.0
Naphthalene, 2,6-...	13.64	2.8	ng/ul	523252	3	14.33	3777650	20.0
(DEL) Alkane: Str...	14.24	2.4	ng/ul	453121	3	14.33	3777650	20.0
(DEL) Alkane: Str...	16.06	2.8	ng/ul	617943	4	17.08	4397600	20.0
9H-Fluorene, 1-me...	16.39	3.5	ng/ul	765965	4	17.08	4397600	20.0
unknown-01	16.81	2.7	ng/ul	595521	4	17.08	4397600	20.0
(DEL) Alkane: Str...	16.85	3.2	ng/ul	699668	4	17.08	4397600	20.0
Naphtho[2,1-b]fur...	16.93	2.5	ng/ul	539569	4	17.08	4397600	20.0
.alpha.-Methylsti...	17.28	2.6	ng/ul	565710	4	17.08	4397600	20.0
(DEL) Alkane: Str...	17.59	3.1	ng/ul	673432	4	17.08	4397600	20.0
n-Hexadecanoic acid	17.99	7.1	ng/ul	1562450	4	17.08	4397600	20.0
(DEL) Alkane: Str...	18.28	3.3	ng/ul	726828	4	17.08	4397600	20.0
(DEL) Alkane: Str...	18.92	5.4	ng/ul	1188920	4	17.08	4397600	20.0
(DEL) Alkane: Str...	20.03	5.3	ng/ul	1022390	5	21.27	3893230	20.0
(DEL) Alkane: Cyc...	20.51	8.0	ng/ul	1556950	5	21.27	3893230	20.0
(DEL) Alkane: Str...	20.53	4.7	ng/ul	915661	5	21.27	3893230	20.0
(DEL) Alkane: Cyc...	20.99	14.4	ng/ul	2813730	5	21.27	3893230	20.0
(DEL) Alkane: Str...	21.43	4.0	ng/ul	769370	5	21.27	3893230	20.0
(DEL) Alkane: Cyc...	21.88	9.5	ng/ul	1844910	5	21.27	3893230	20.0
(DEL) Alkane: Cyc...	22.01	3.5	ng/ul	681225	5	21.27	3893230	20.0
Squalene	22.45	3.2	ng/ul	508126	6	23.49	3207460	20.0
(DEL) Alkane: Str...	22.83	2.6	ng/ul	416993	6	23.49	3207460	20.0
A-Norcholestan-3-...	24.19	9.2	ng/ul	1474900	6	23.49	3207460	20.0