

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024739.D
 Acq On : 06 Feb 2020 22:02
 Operator : CG/JU
 Sample : L1398-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6D9

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-BM020620MA.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	3.710	136	140	148	rVB	152267	198539	1.86%	0.111%
2	6.604	621	632	645	rVB	828346	1367450	12.80%	0.765%
3	6.763	653	659	666	rBV	674937	1044608	9.77%	0.584%
4	6.951	684	691	706	rVB	934272	1489300	13.94%	0.833%
5	7.410	762	769	781	rBV	1058709	1614805	15.11%	0.903%
6	8.122	882	890	898	rBV	1073923	1661507	15.55%	0.929%
7	8.545	953	962	972	rBV	847028	1374121	12.86%	0.769%
8	9.045	1039	1047	1053	rBV	159477	233086	2.18%	0.130%
9	9.263	1077	1084	1093	rBV	757112	1215517	11.37%	0.680%
10	9.798	1169	1175	1185	rVV	1232991	2005262	18.76%	1.122%
11	10.169	1231	1238	1242	rBV	1386558	2309431	21.61%	1.292%
12	10.216	1242	1246	1254	rVB	467525	740524	6.93%	0.414%
13	10.310	1254	1262	1279	rBV	859453	1597231	14.95%	0.893%
14	11.845	1515	1523	1534	rVB	276273	458785	4.29%	0.257%
15	12.063	1550	1560	1566	rBV	180405	305214	2.86%	0.171%
16	13.380	1778	1784	1789	rVV	163066	276528	2.59%	0.155%
17	13.433	1789	1793	1797	rVV2	112849	168108	1.57%	0.094%
18	13.486	1797	1802	1807	rVV	2249946	3084221	28.86%	1.725%
19	13.533	1807	1810	1815	rVV	231874	308212	2.88%	0.172%
20	13.745	1835	1846	1860	rBV	2585618	3980877	37.25%	2.227%
21	14.063	1894	1900	1906	rVV	2345389	3433325	32.13%	1.920%
22	14.127	1906	1911	1915	rVV	590608	876089	8.20%	0.490%
23	14.286	1932	1938	1948	rBV	759435	1305467	12.22%	0.730%
24	14.469	1959	1969	1978	rVV	507449	905240	8.47%	0.506%
25	15.063	2059	2070	2075	rBV	3240244	4764075	44.58%	2.665%
26	15.121	2075	2080	2085	rVB	803832	1158687	10.84%	0.648%
27	15.192	2085	2092	2099	rBV	1000467	1505596	14.09%	0.842%
28	15.286	2104	2108	2114	rVV3	110069	213934	2.00%	0.120%
29	15.421	2127	2131	2141	rVB	225831	356251	3.33%	0.199%
30	15.569	2150	2156	2165	rVB	224730	470601	4.40%	0.263%
31	16.127	2239	2251	2257	rBV3	158926	443917	4.15%	0.248%
32	16.474	2305	2310	2314	rBV	192967	253130	2.37%	0.142%
33	16.574	2320	2327	2331	rBV3	175100	377817	3.54%	0.211%
34	16.633	2331	2337	2342	rVV	419653	662710	6.20%	0.371%

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35	16.816	2359	2368	2371	rBV	2854388	3995260	37.38%	2.235%
36	16.863	2371	2376	2380	rVV	6637104	9395222	87.91%	5.255%
37	16.916	2380	2385	2388	rVV	3605084	5043055	47.19%	2.821%
38	16.951	2388	2391	2398	rVB	1483853	1952140	18.27%	1.092%
39	17.221	2432	2437	2443	rBV	631698	903726	8.46%	0.505%
40	17.398	2464	2467	2473	rVB3	125248	174825	1.64%	0.098%
41	17.692	2512	2517	2521	rBV	750365	1045458	9.78%	0.585%
42	17.745	2521	2526	2534	rVB	1057333	1671912	15.64%	0.935%
43	17.821	2534	2539	2544	rBV	381198	509097	4.76%	0.285%
44	17.886	2544	2550	2554	rBV2	1082439	1852159	17.33%	1.036%
45	17.921	2554	2556	2562	rVB	503156	598177	5.60%	0.335%
46	18.204	2599	2604	2607	rVV	614060	882219	8.26%	0.493%
47	18.233	2607	2609	2616	rVB2	386886	512362	4.79%	0.287%
48	18.457	2643	2647	2651	rBV	175536	226500	2.12%	0.127%
49	18.504	2652	2655	2658	rBV	149990	170899	1.60%	0.096%
50	18.545	2658	2662	2667	rVB2	179318	236979	2.22%	0.133%
51	18.627	2671	2676	2681	rBV	448061	716312	6.70%	0.401%
52	18.686	2681	2686	2689	rBV2	207322	365877	3.42%	0.205%
53	18.762	2695	2699	2707	rVB3	284929	548429	5.13%	0.307%
54	18.886	2714	2720	2728	rVB	7859875	10617865	99.35%	5.939%
55	19.127	2758	2761	2767	rVB2	201301	300489	2.81%	0.168%
56	19.227	2772	2778	2780	rBV	5427475	8537913	79.89%	4.776%
57	19.251	2780	2782	2787	rVB	6277116	7231270	67.66%	4.045%
58	19.327	2792	2795	2803	rVB2	358552	611018	5.72%	0.342%
59	19.439	2810	2814	2817	rBV	429124	503068	4.71%	0.281%
60	19.592	2833	2840	2845	rBV2	482780	1188453	11.12%	0.665%
61	19.721	2858	2862	2864	rBV2	370598	533008	4.99%	0.298%
62	19.756	2864	2868	2872	rVB	1085512	1481513	13.86%	0.829%
63	19.856	2878	2885	2889	rBV	787945	1134489	10.62%	0.635%
64	19.915	2889	2895	2899	rBV2	745425	1147164	10.73%	0.642%
65	19.956	2899	2902	2906	rVB2	192911	252385	2.36%	0.141%
66	20.004	2907	2910	2914	rVV	148333	170231	1.59%	0.095%
67	20.051	2915	2918	2922	rBV	336984	406966	3.81%	0.228%
68	20.098	2922	2926	2932	rBV2	387630	547372	5.12%	0.306%
69	20.509	2992	2996	3002	rVB	485387	799759	7.48%	0.447%
70	20.674	3018	3024	3027	rBV3	564591	922574	8.63%	0.516%
71	20.715	3027	3031	3034	rVV	589114	765776	7.17%	0.428%

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72	20.745	3034	3036	3039	rVV	415101	502437	4.70%	0.281%
73	20.786	3039	3043	3055	rVB3	1521535	2908307	27.21%	1.627%
74	21.021	3077	3083	3088	rBV3	5246991	10686906	100.00%	5.978%
75	21.068	3088	3091	3098	rVB	3451882	4361448	40.81%	2.440%
76	21.180	3107	3110	3115	rBV	462032	532039	4.98%	0.298%
77	21.233	3116	3119	3125	rVV5	425133	565319	5.29%	0.316%
78	21.339	3133	3137	3142	rBV2	388222	565336	5.29%	0.316%
79	21.568	3173	3176	3180	rVB	669054	782296	7.32%	0.438%
80	21.615	3181	3184	3187	rVB	382490	400432	3.75%	0.224%
81	21.656	3187	3191	3197	rBV4	805859	1380495	12.92%	0.772%
82	21.750	3204	3207	3209	rBV	333529	373581	3.50%	0.209%
83	21.780	3210	3212	3216	rVB3	417124	485705	4.54%	0.272%
84	22.092	3262	3265	3268	rVB	495535	527559	4.94%	0.295%
85	22.203	3281	3284	3289	rVB	767229	1008246	9.43%	0.564%
86	22.297	3297	3300	3309	rVB3	969458	1367489	12.80%	0.765%
87	22.521	3332	3338	3342	rBV	3093354	6416063	60.04%	3.589%
88	22.562	3342	3345	3348	rVV2	2154958	3314408	31.01%	1.854%
89	22.603	3348	3352	3360	rVV3	2119890	3549493	33.21%	1.985%
90	22.674	3361	3364	3371	rVB	578197	866701	8.11%	0.485%
91	22.956	3407	3412	3416	rBV	1472060	2574687	24.09%	1.440%
92	23.003	3416	3420	3424	rVV	3301736	5283582	49.44%	2.955%
93	23.045	3424	3427	3432	rVB	2288610	3363795	31.48%	1.882%
94	23.092	3432	3435	3438	rBV	437085	601762	5.63%	0.337%
95	23.133	3438	3442	3447	rVB	2123193	3458984	32.37%	1.935%
96	23.692	3532	3537	3543	rVB	1190882	1979925	18.53%	1.107%
97	23.756	3544	3548	3562	rVB2	968914	1879005	17.58%	1.051%
98	25.186	3783	3791	3801	rVB3	1786976	5251791	49.14%	2.938%
99	25.291	3805	3809	3819	rVB3	471960	1120460	10.48%	0.627%
100	25.809	3891	3897	3912	rVB	918502	2559376	23.95%	1.432%

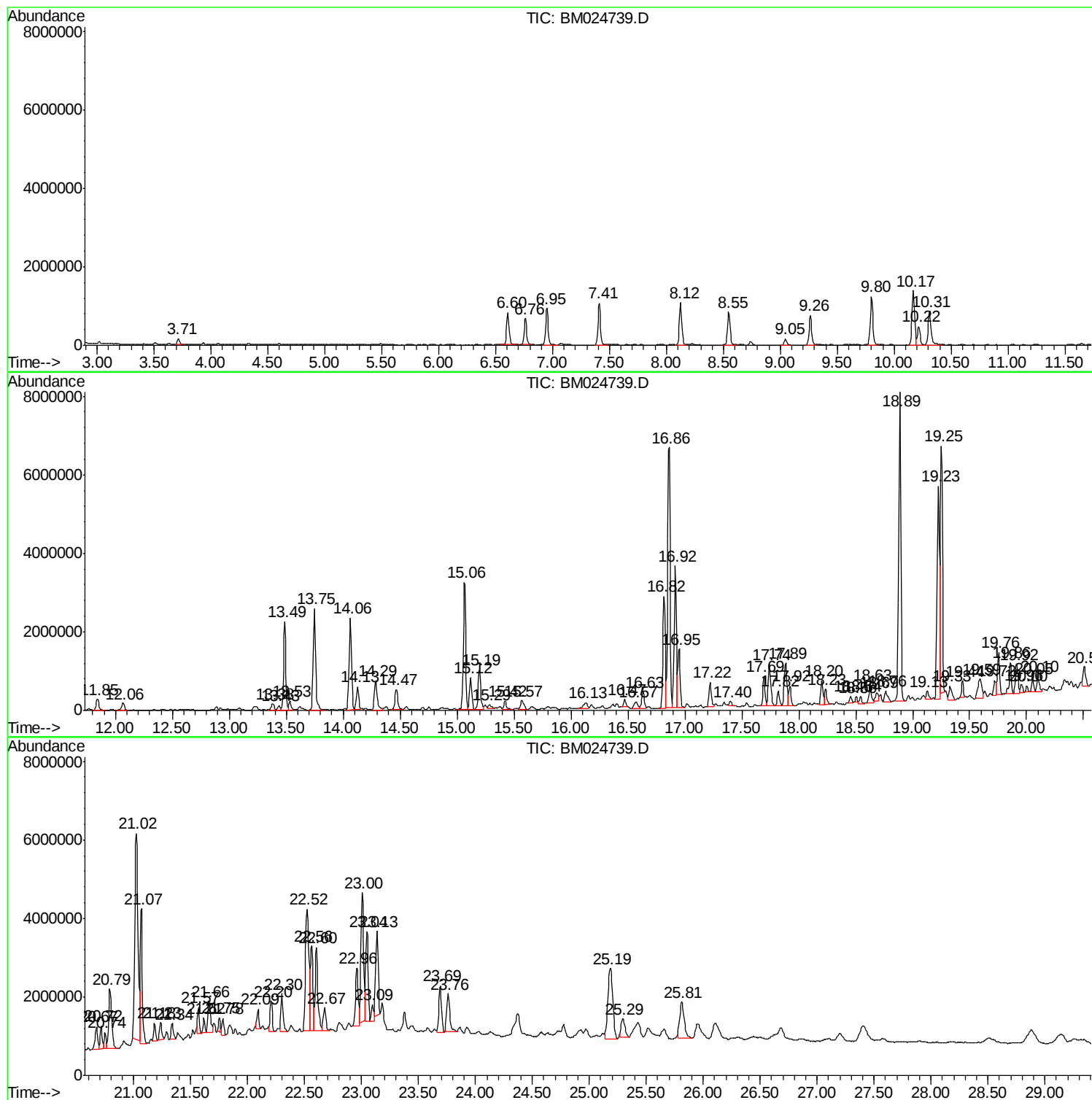
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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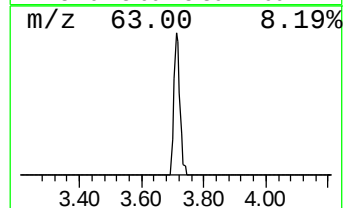
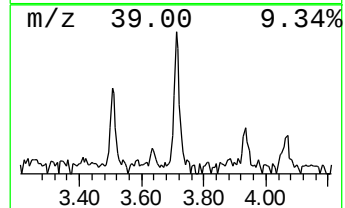
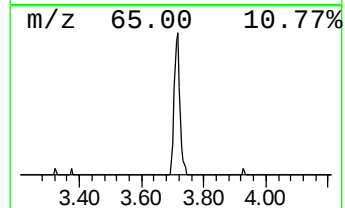
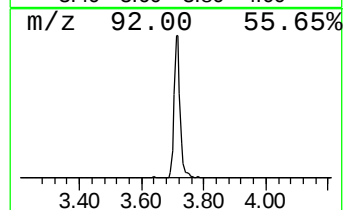
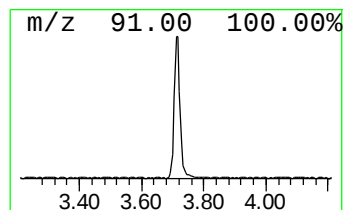
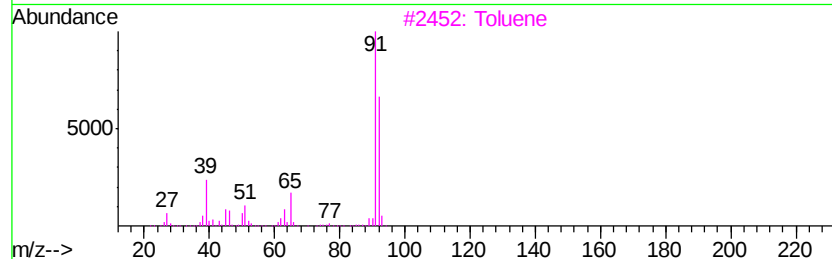
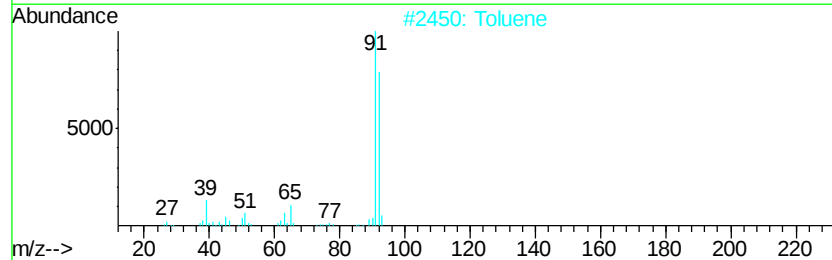
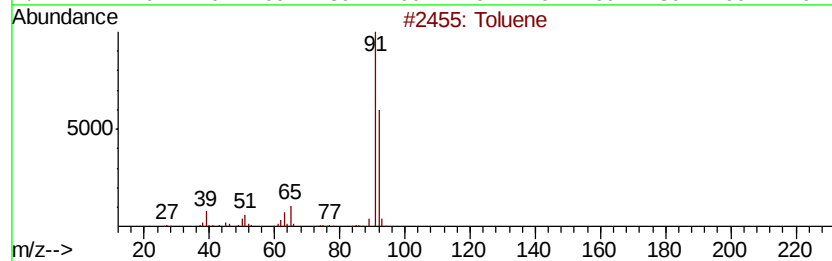
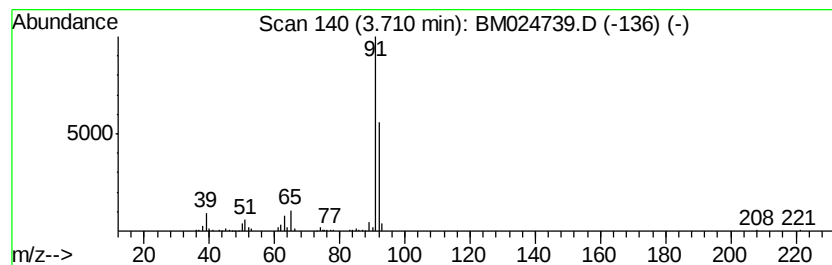
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Toluene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.71	2.46 ng/ul	198539	1,4-Dichlorobenzene-d4	7.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Toluene	92	C7H8	000108-88-3	90
2		Toluene	92	C7H8	000108-88-3	90
3		Toluene	92	C7H8	000108-88-3	86
4		Toluene	92	C7H8	000108-88-3	83
5		Toluene	92	C7H8	000108-88-3	81



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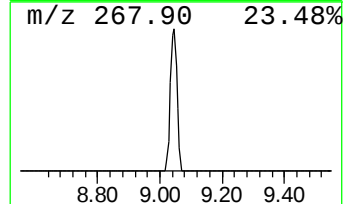
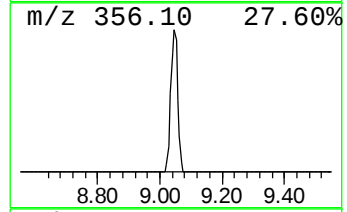
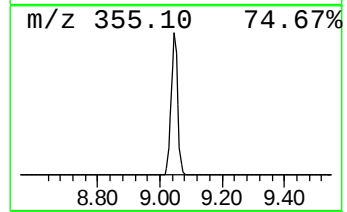
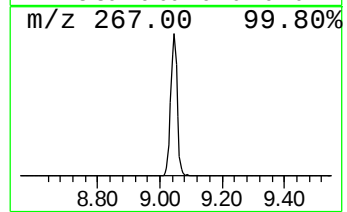
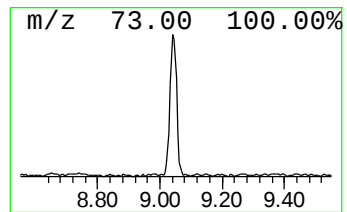
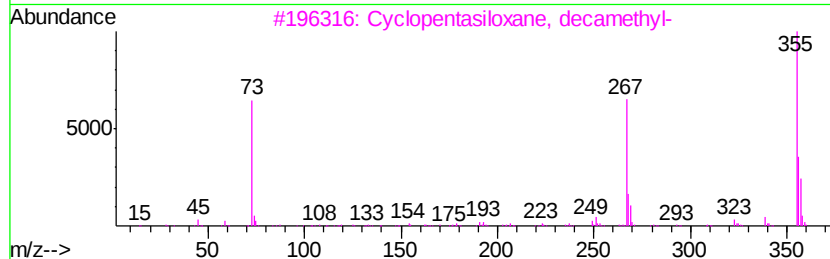
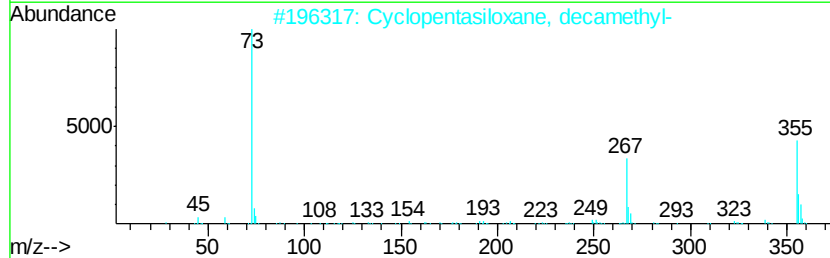
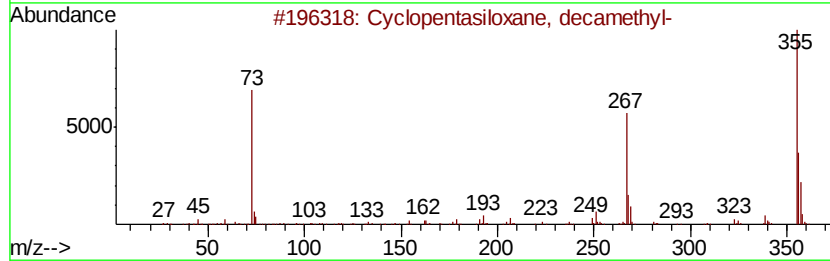
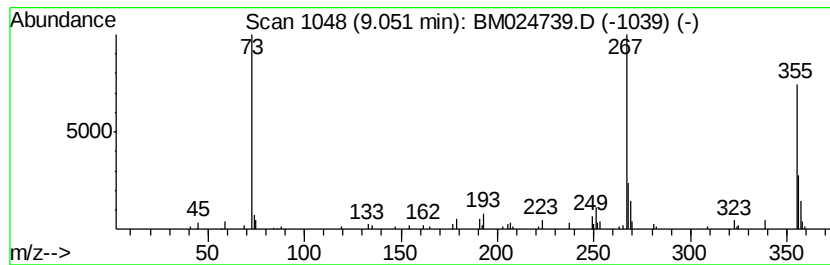
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclopentasiloxane, decamet... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	2.02 ng/ul	233086	Naphthalene-d8	10.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
3		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
4		m-Hydroxymandelic acid, tris(tri...	384	C17H32O4Si3	068595-69-7	43
5		2-(Trimethylsilyl)amino-4-methyl...	267	C13H25NOSi2	1000373-28-1	43



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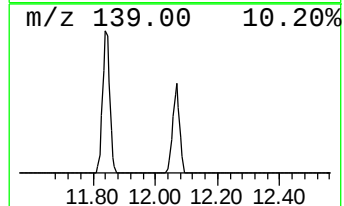
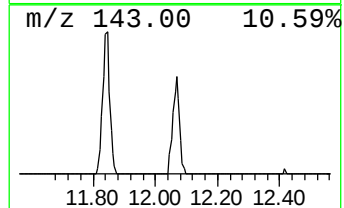
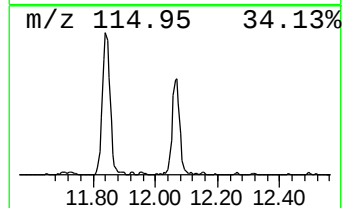
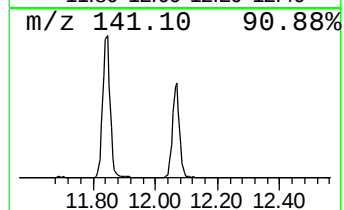
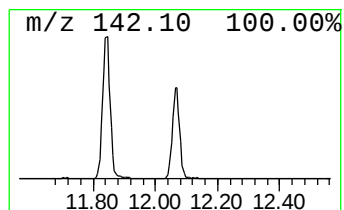
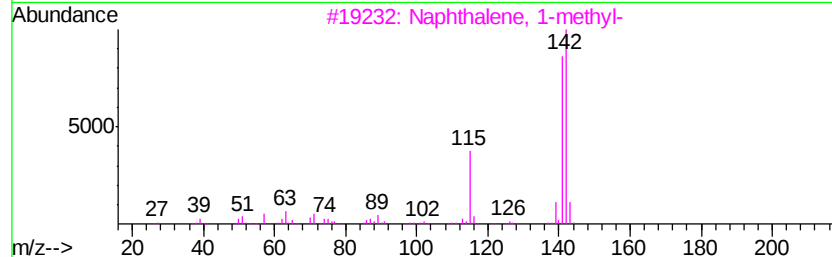
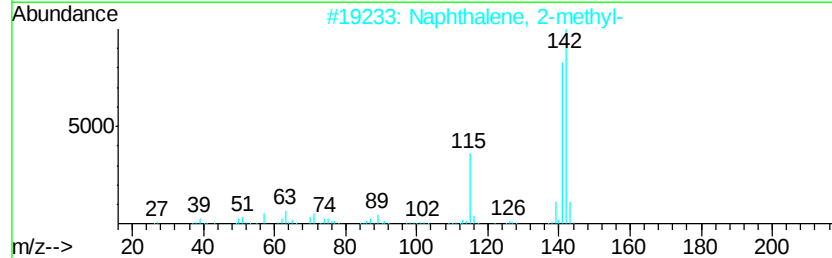
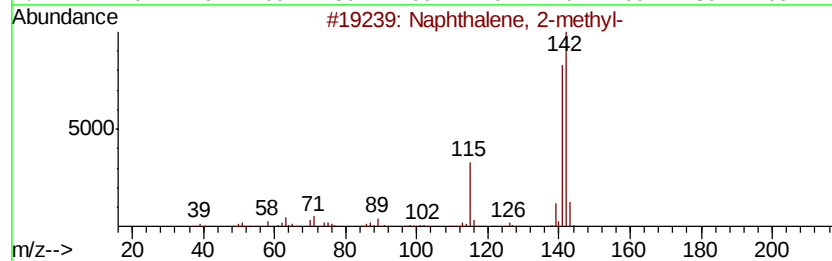
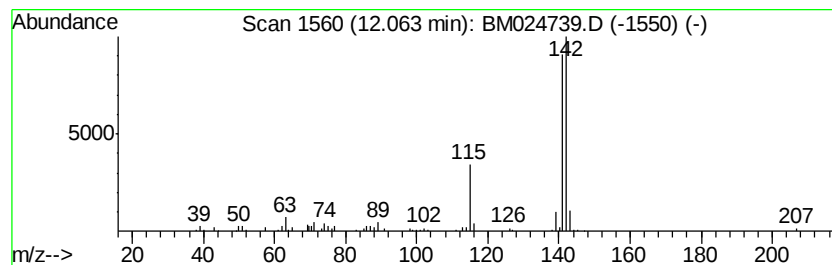
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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	2.64 ng/ul	305214	Naphthalene-d8	10.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



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Acq On : 06 Feb 2020 22:02
Operator : CG/JU
Sample : L1398-05
Misc :
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Instrument :
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ClientSampleId :
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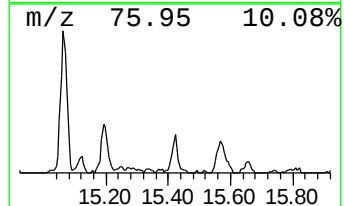
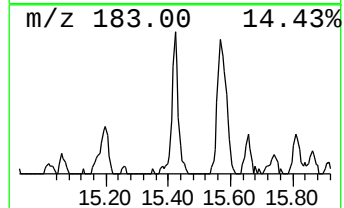
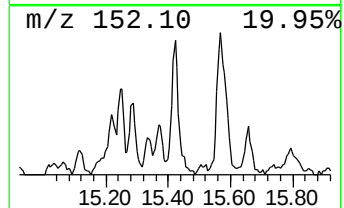
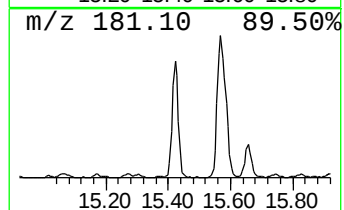
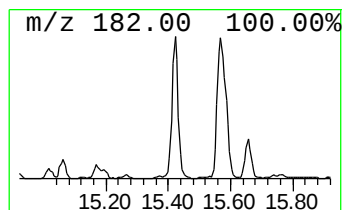
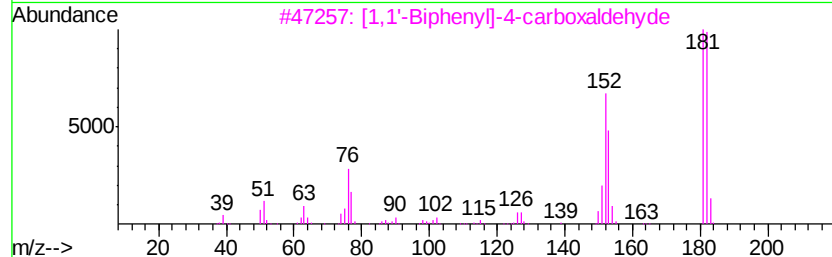
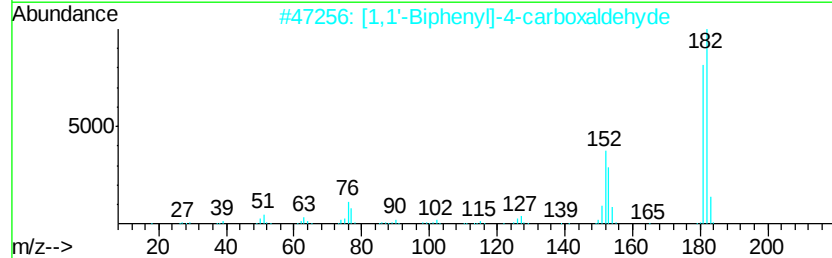
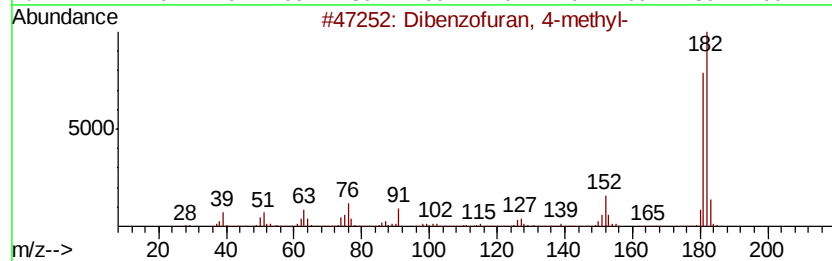
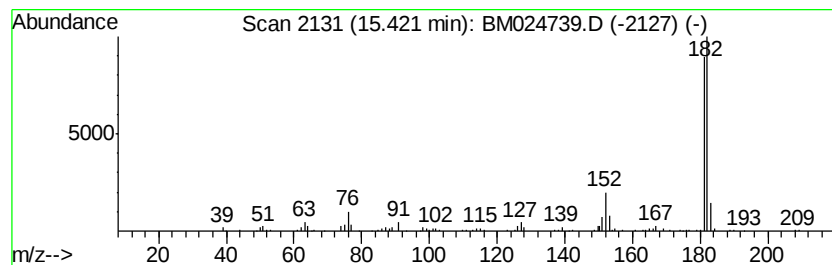
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	2.08 ng/ul	356251	Acenaphthene-d10	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
3		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5		2-Hydroxyfluorene	182	C13H10O	002443-58-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
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Sample : L1398-05
Misc :
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ClientSampleId :
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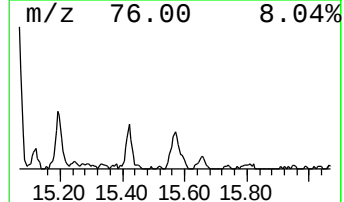
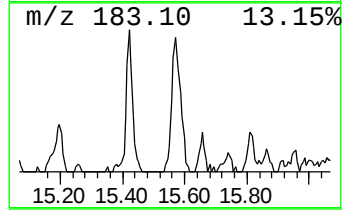
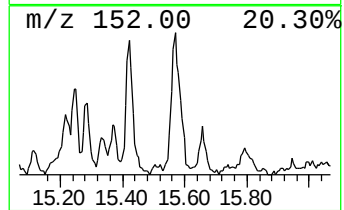
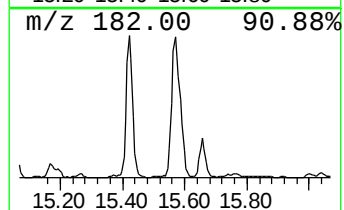
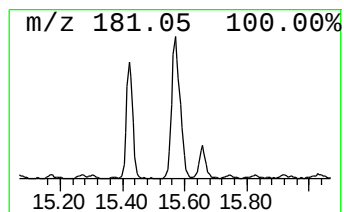
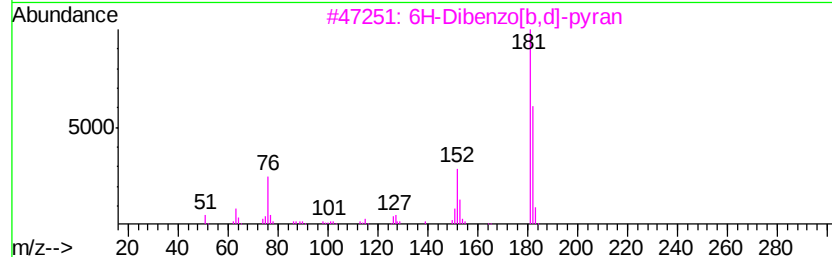
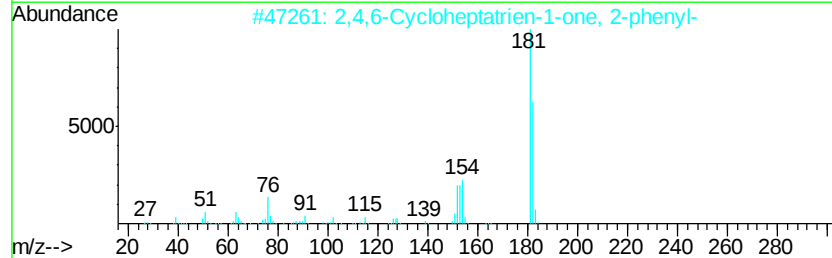
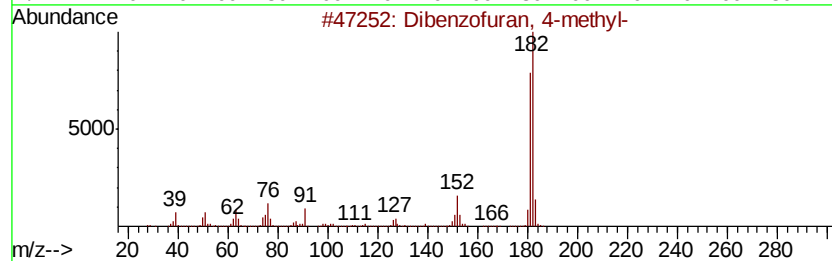
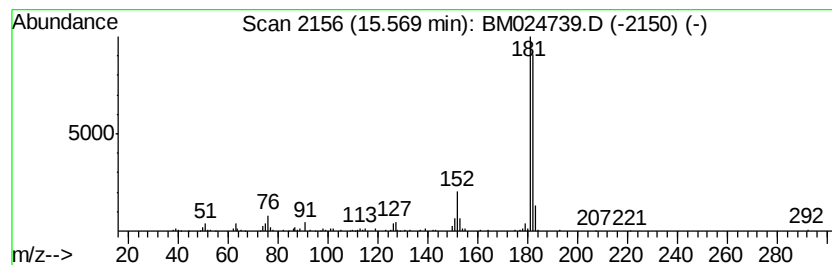
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2,4,6-Cycloheptatrien-1-one... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	2.36 ng/ul	470601	Phenanthrene-d10	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2		2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
3		6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	78
4		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024739.D
Acq On : 06 Feb 2020 22:02
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Sample : L1398-05
Misc :
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ClientSampleId :
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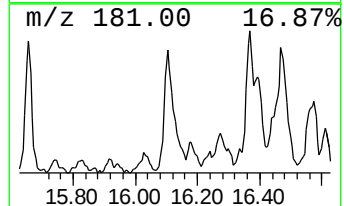
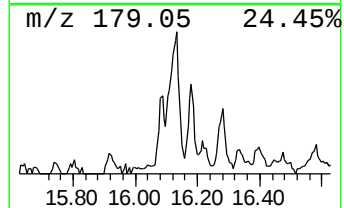
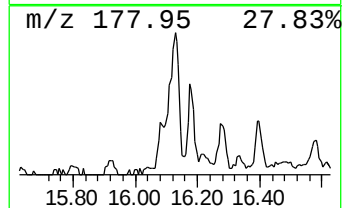
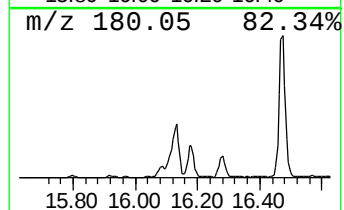
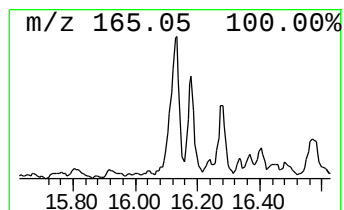
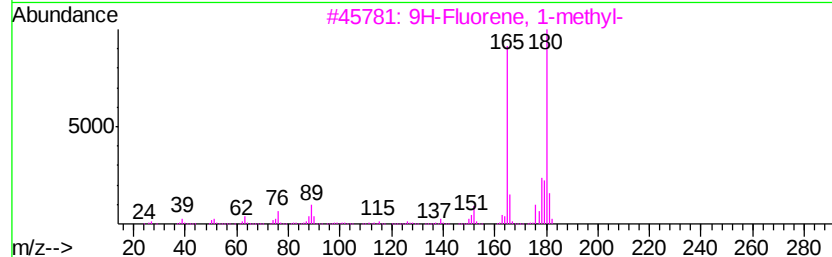
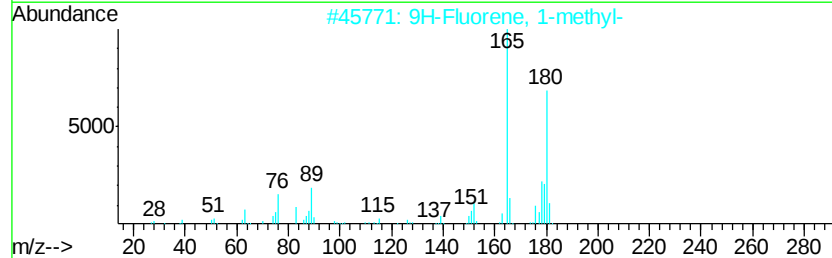
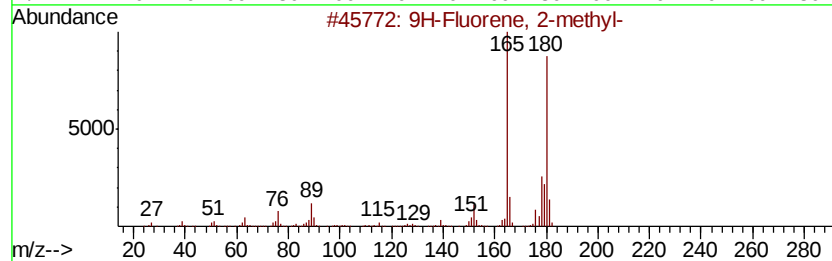
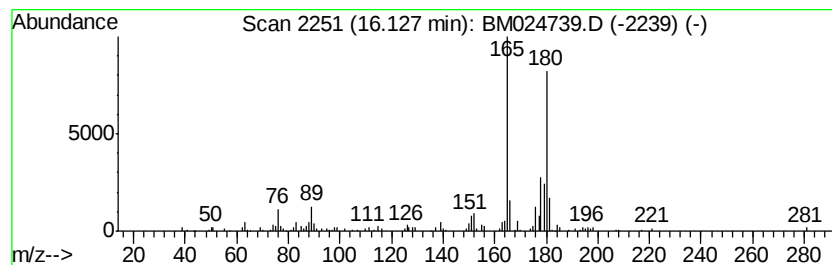
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 9H-Fluorene, 2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	2.22 ng/ul	443917	Phenanthrene-d10	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
4		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
5		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024739.D
Acq On : 06 Feb 2020 22:02
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Sample : L1398-05
Misc :
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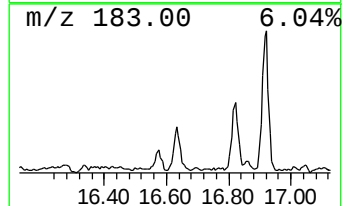
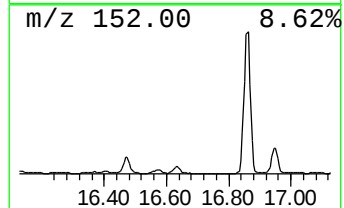
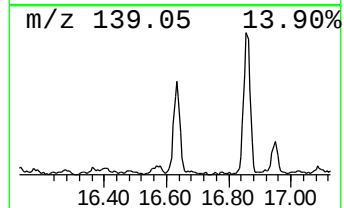
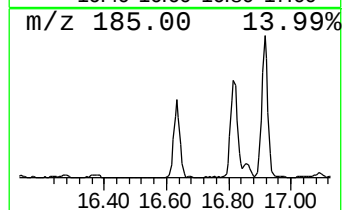
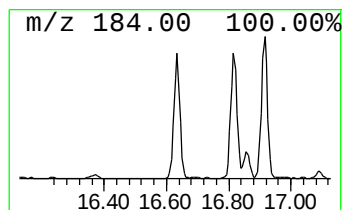
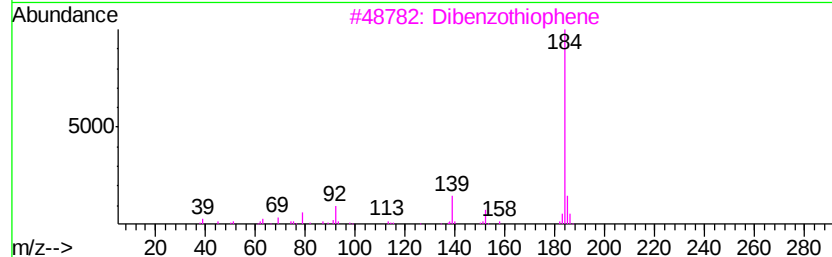
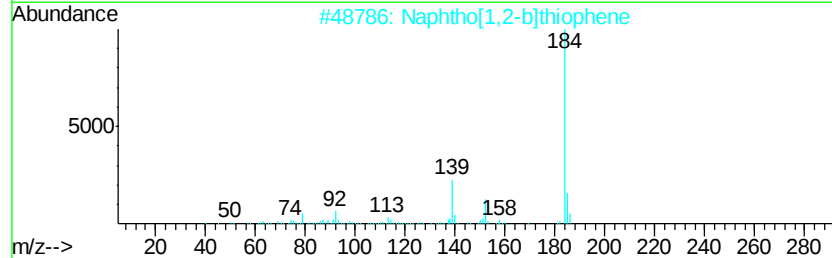
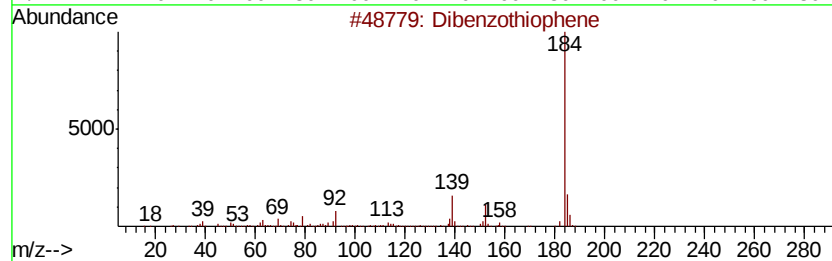
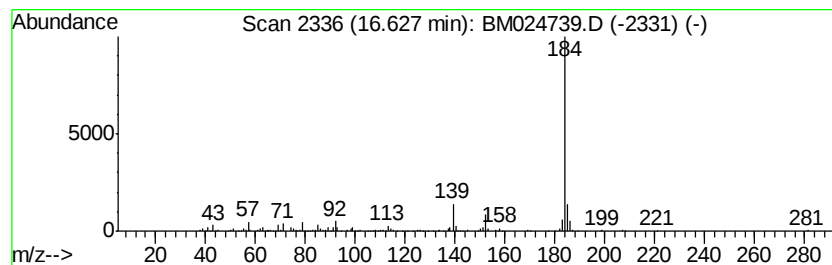
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	3.32 ng/ul	662710	Phenanthrene-d10	16.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene		184	C12H8S	000132-65-0	96
2	Naphtho[1,2-b]thiophene		184	C12H8S	000234-41-3	95
3	Dibenzothiophene		184	C12H8S	000132-65-0	95
4	Naphtho[2,3-b]thiophene		184	C12H8S	000268-77-9	95
5	Dibenzothiophene		184	C12H8S	000132-65-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024739.D
Acq On : 06 Feb 2020 22:02
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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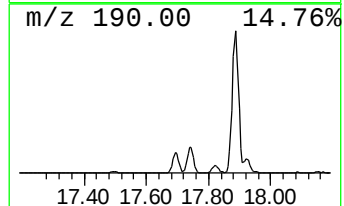
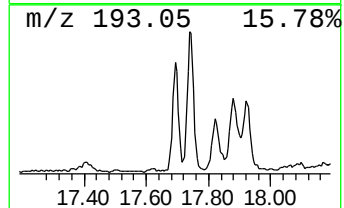
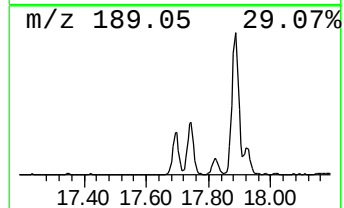
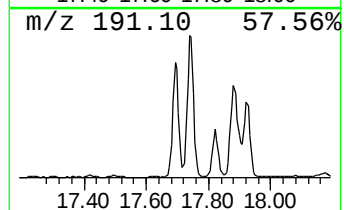
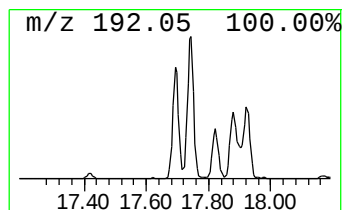
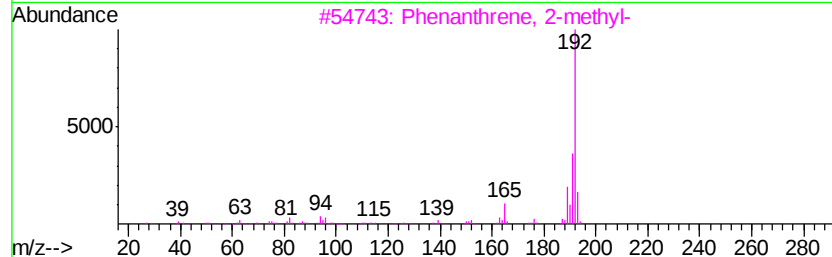
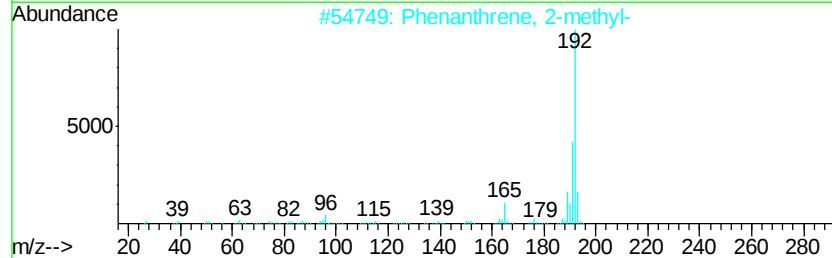
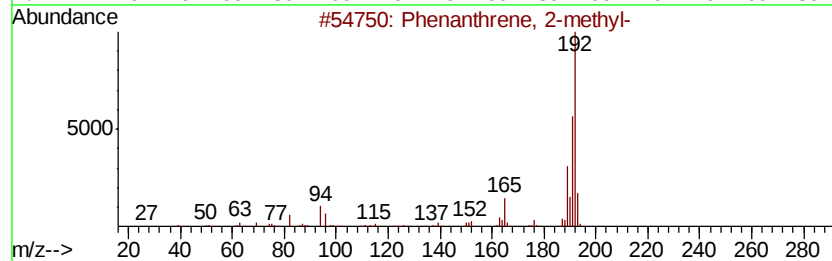
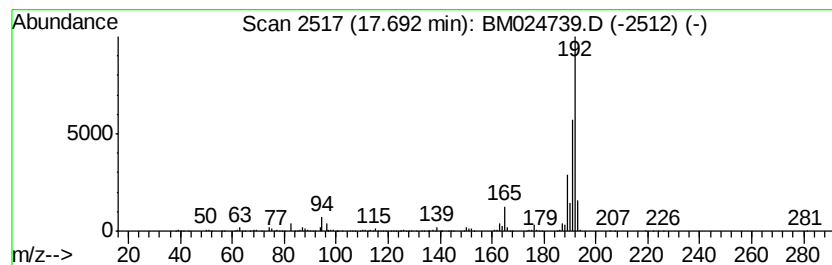
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	5.23 ng/ul	1045460	Phenanthrene-d10	16.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95	
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95	
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95	
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95	
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
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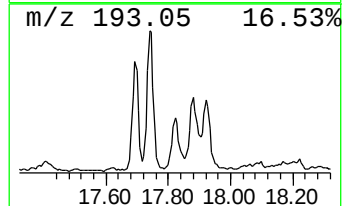
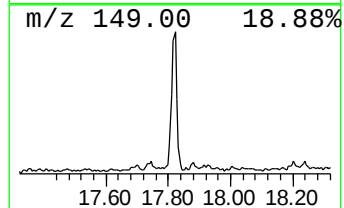
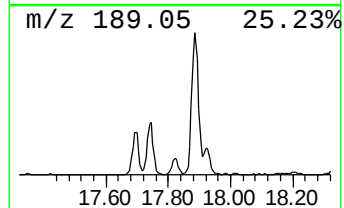
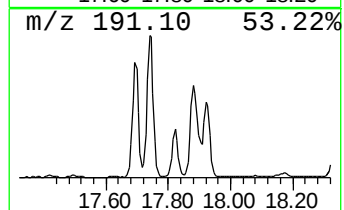
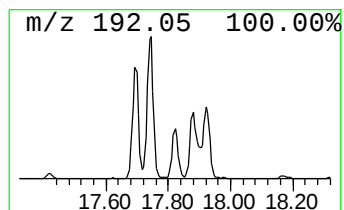
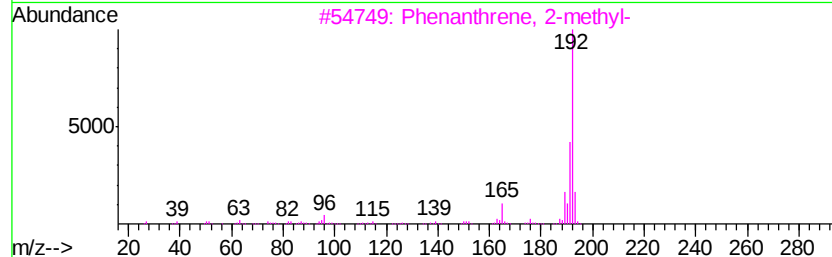
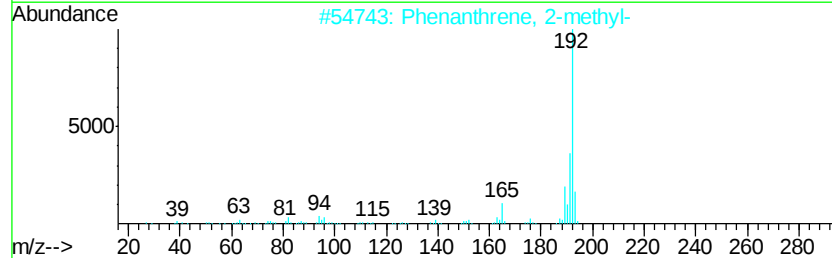
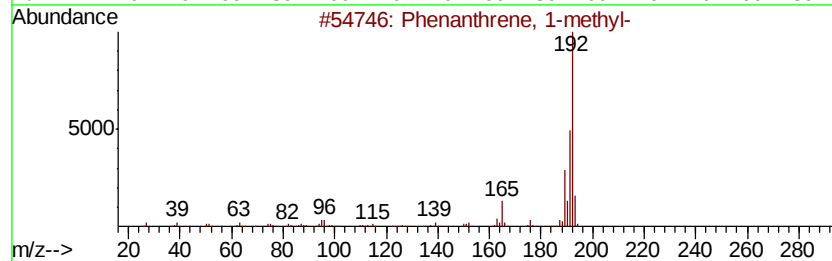
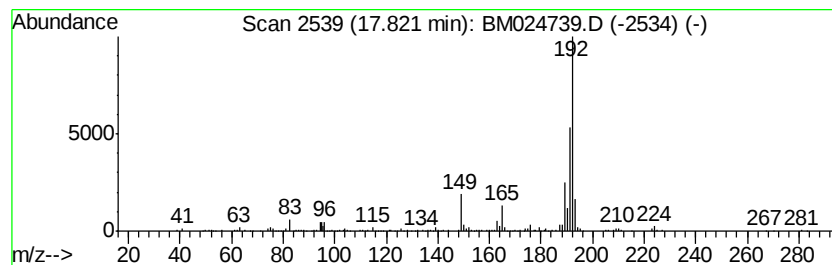
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Anthracene, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	2.55 ng/ul	509097	Phenanthrene-d10	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	96
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024739.D
Acq On : 06 Feb 2020 22:02
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Sample : L1398-05
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ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
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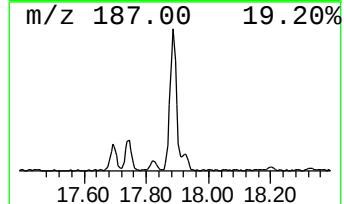
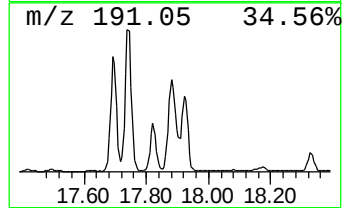
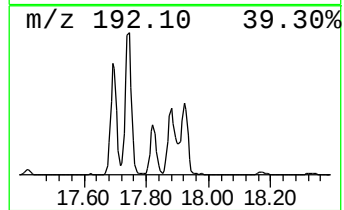
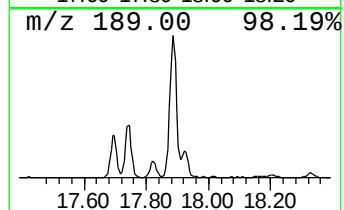
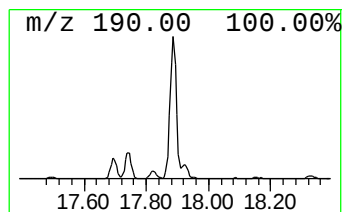
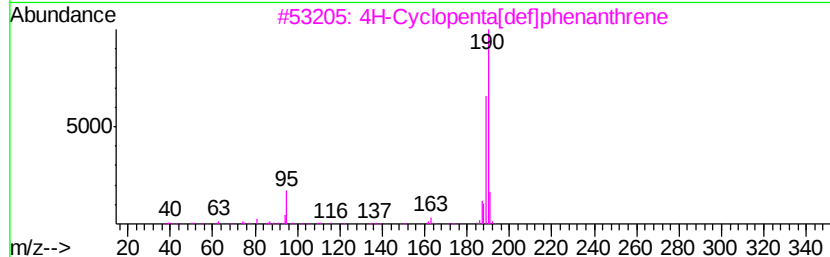
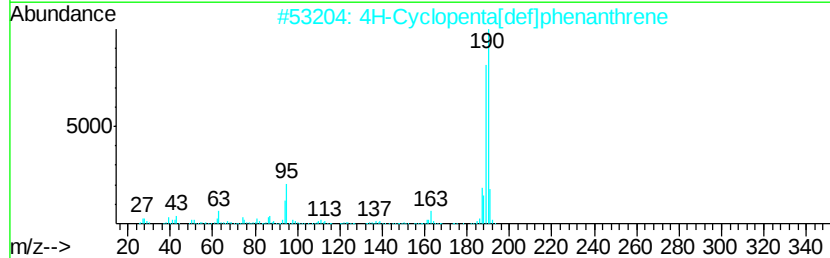
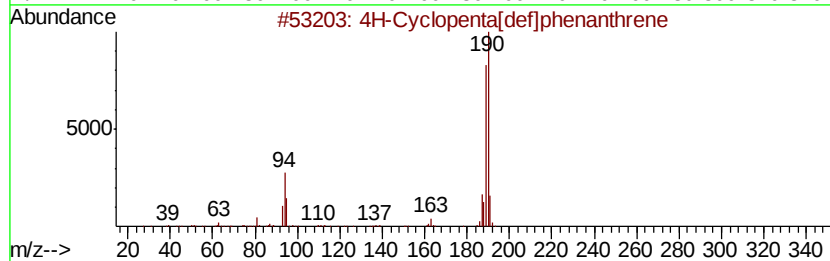
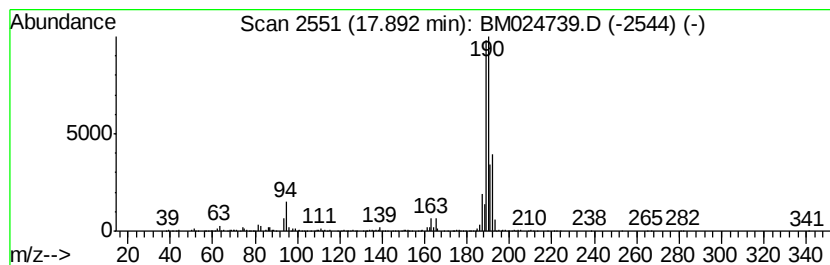
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	9.27 ng/ul	1852160	Phenanthrene-d10	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
4		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024739.D
Acq On : 06 Feb 2020 22:02
Operator : CG/JU
Sample : L1398-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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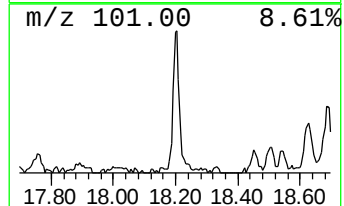
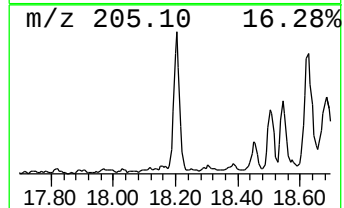
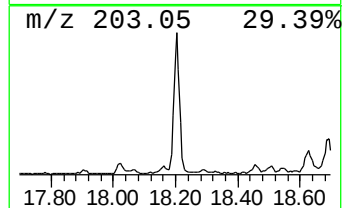
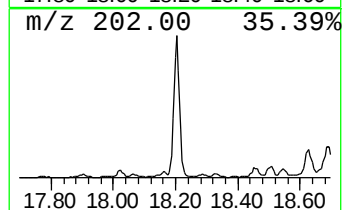
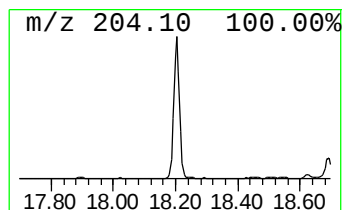
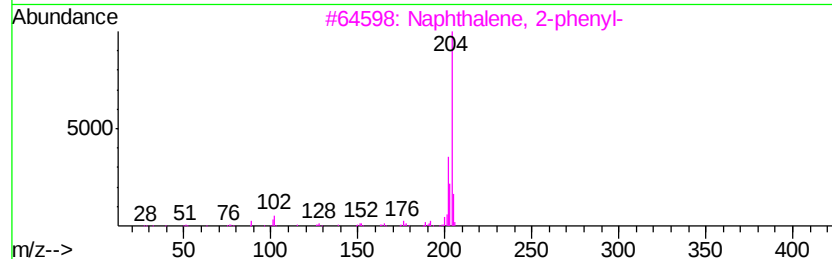
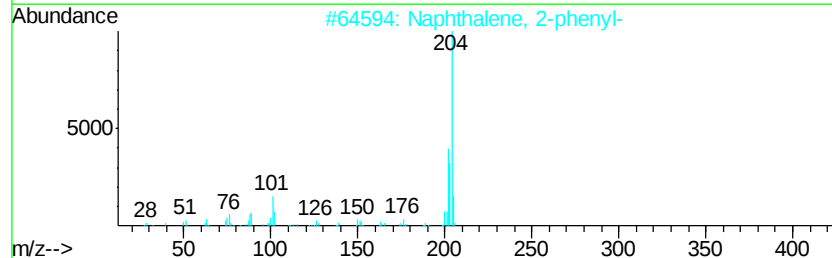
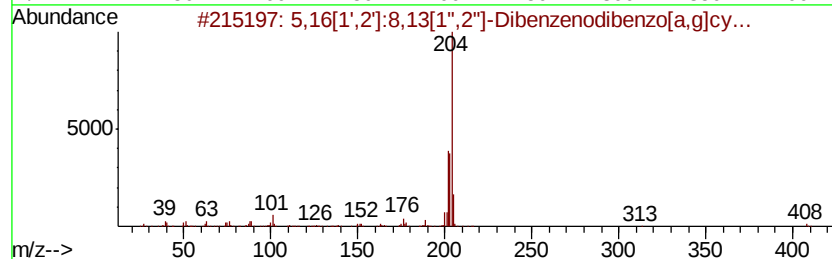
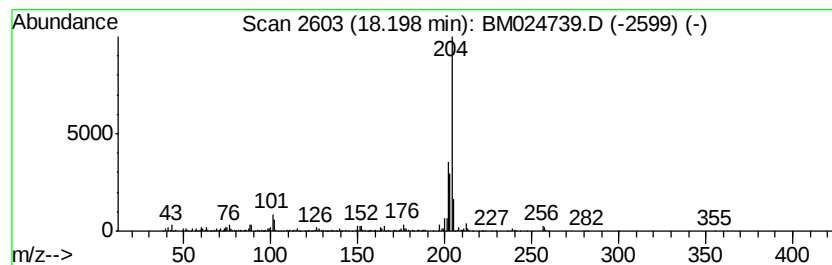
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	4.42 ng/ul	882219	Phenanthrene-d10	16.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
4			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
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ClientSampleId :
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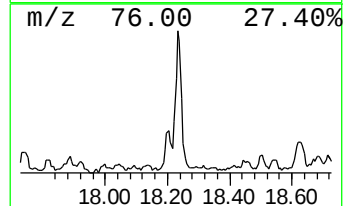
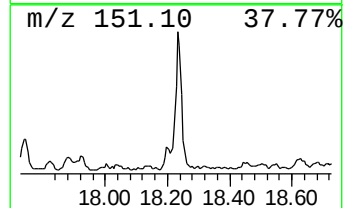
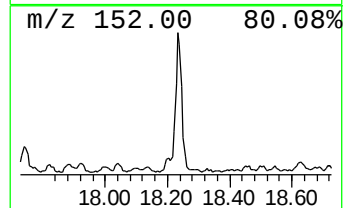
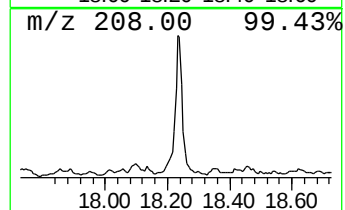
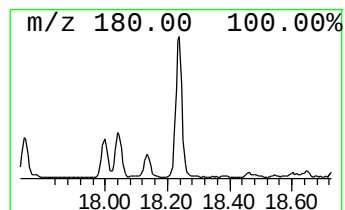
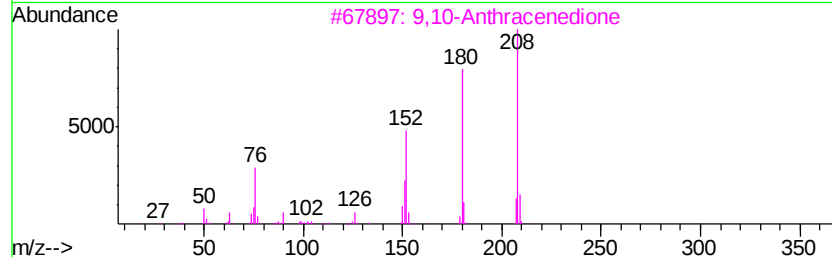
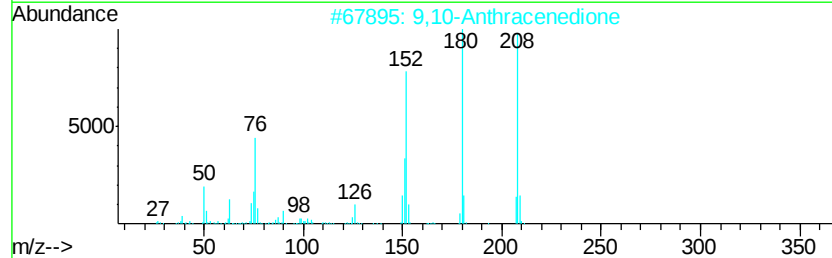
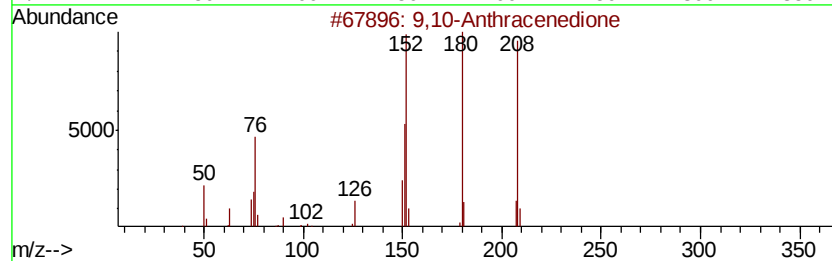
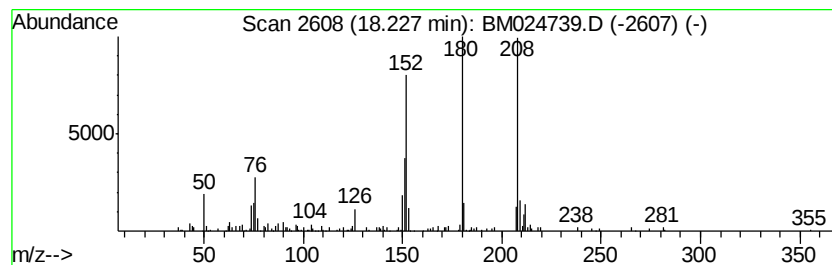
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 9,10-Anthracenedione Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	2.56 ng/ul	512362	Phenanthrene-d10	16.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2			9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	70
4			1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5			1,4-Anthracenedione	208	C14H8O2	000635-12-1	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024739.D
Acq On : 06 Feb 2020 22:02
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Misc :
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ClientSampleId :
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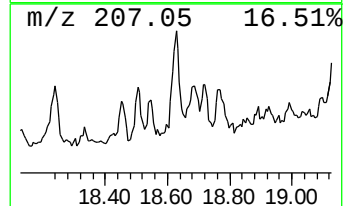
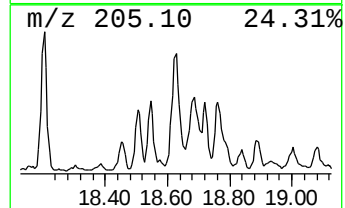
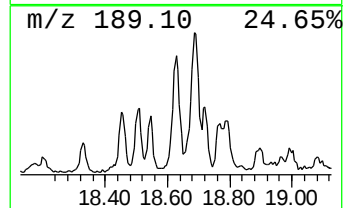
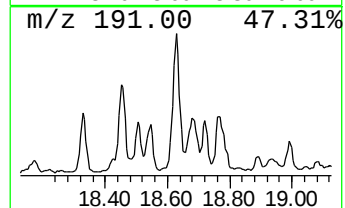
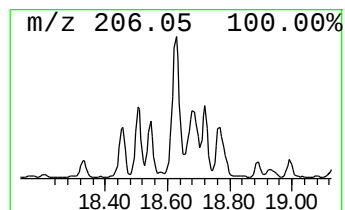
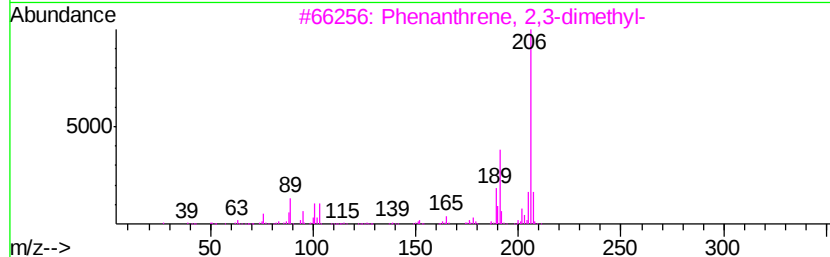
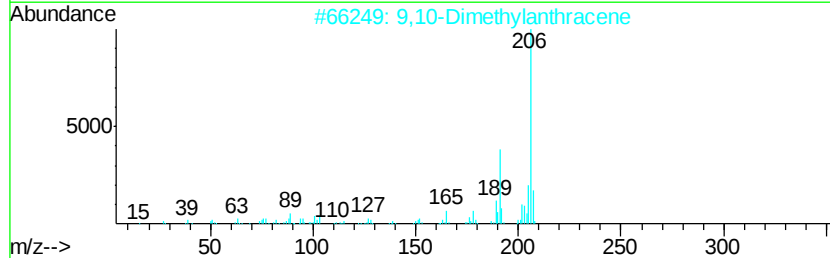
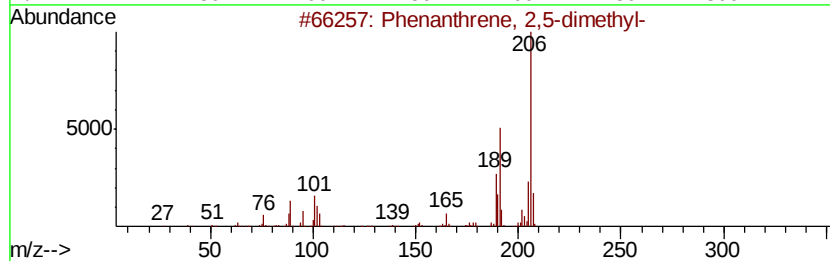
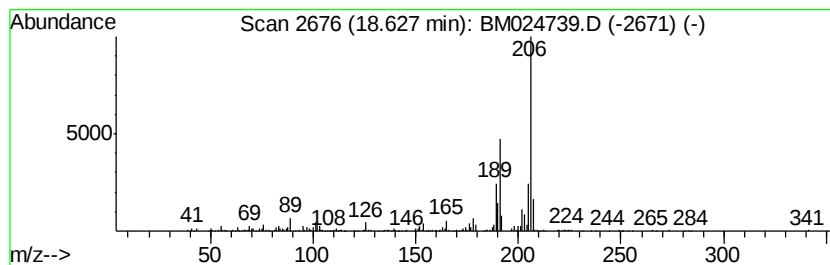
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	3.59 ng/ul	716312	Phenanthrene-d10	16.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4			di-p-Tolylacetylene	206	C16H14	002789-88-0	87
5			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024739.D
Acq On : 06 Feb 2020 22:02
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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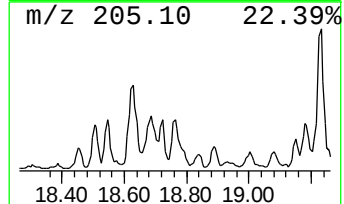
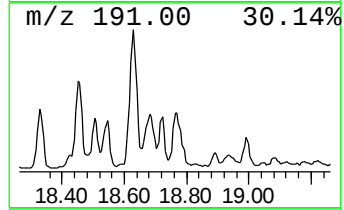
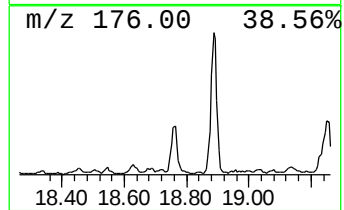
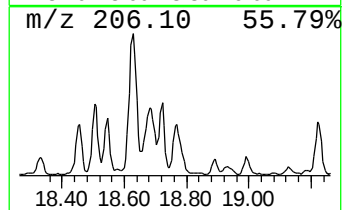
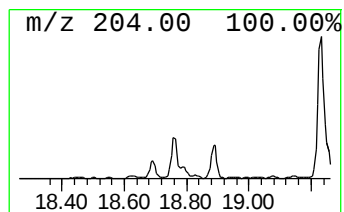
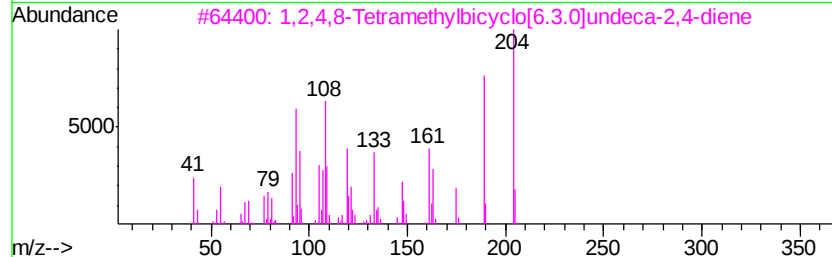
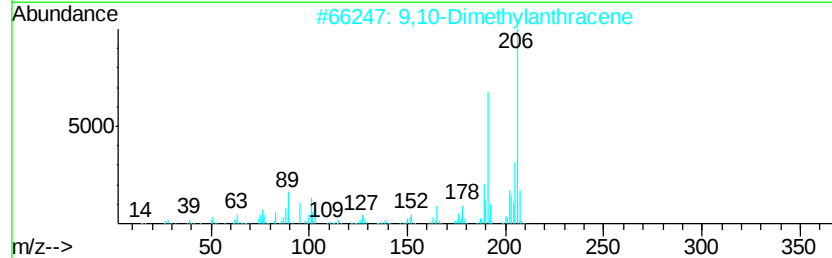
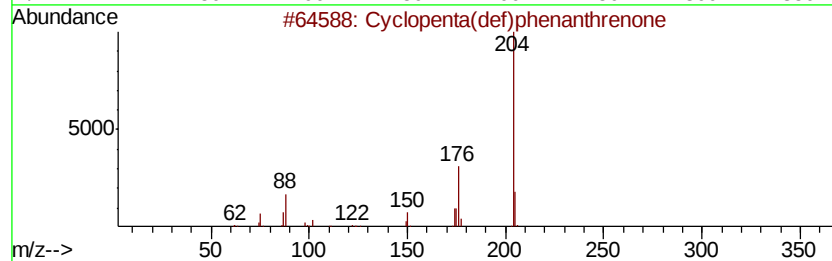
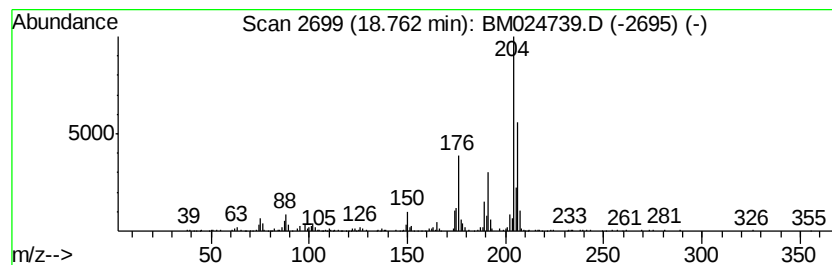
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	2.75 ng/ul	548429	Phenanthrene-d10	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	83
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	42
3		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	41
4		1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	38
5		1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024739.D
Acq On : 06 Feb 2020 22:02
Operator : CG/JU
Sample : L1398-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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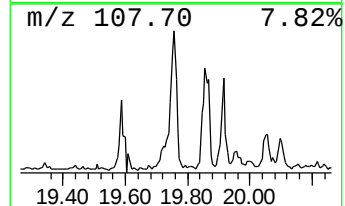
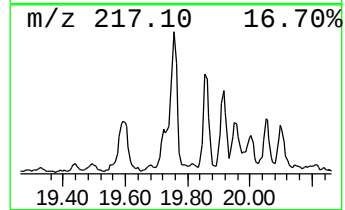
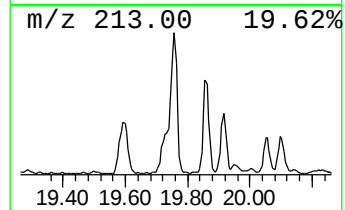
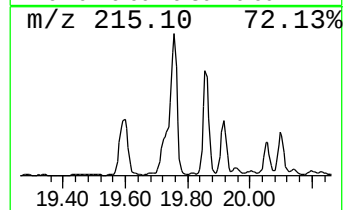
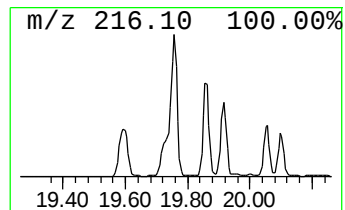
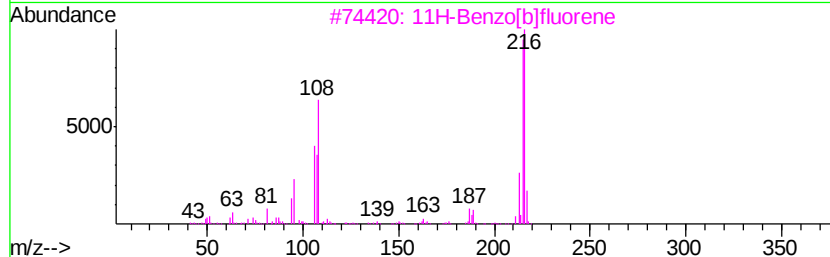
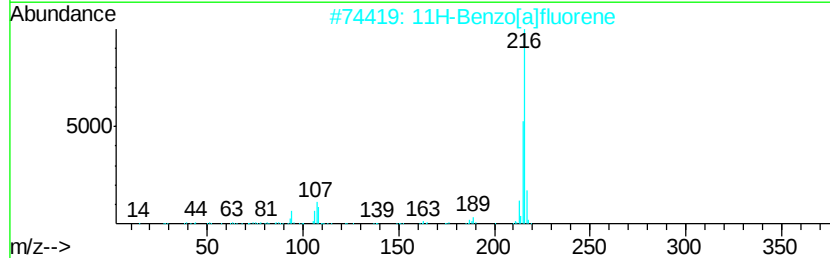
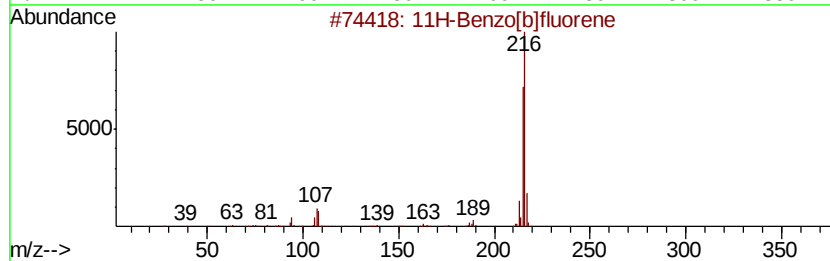
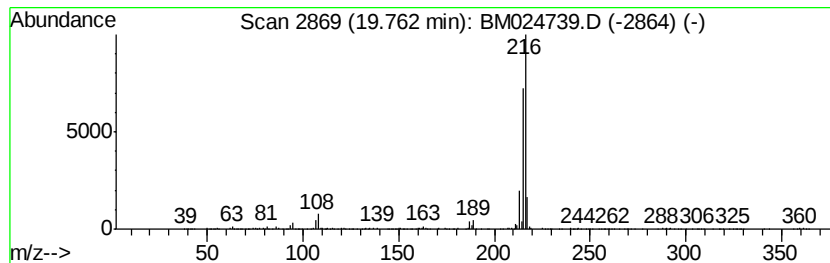
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	2.77 ng/ul	1481510	Chrysene-d12	21.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
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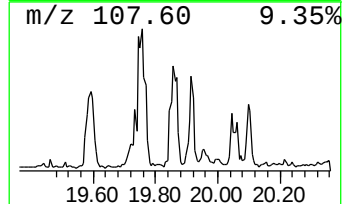
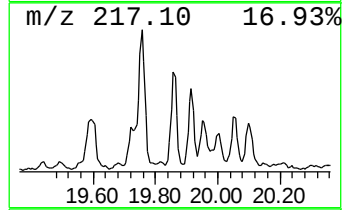
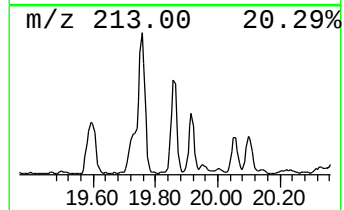
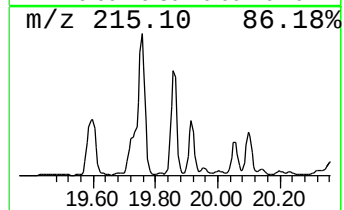
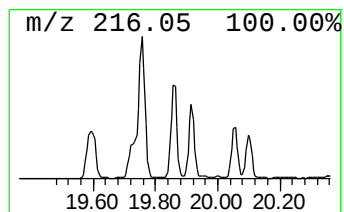
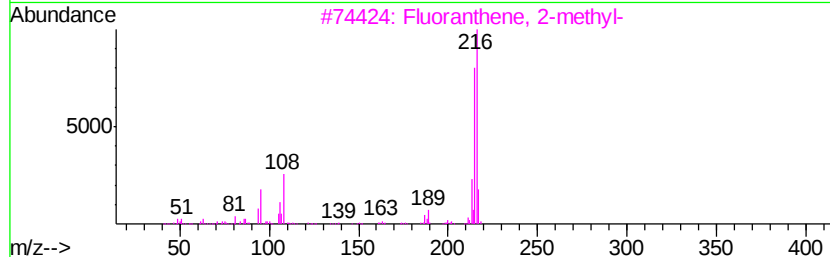
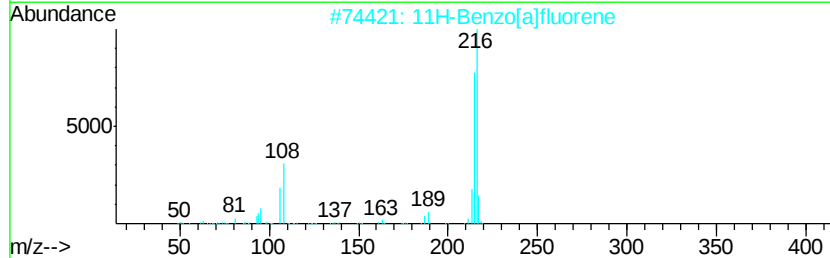
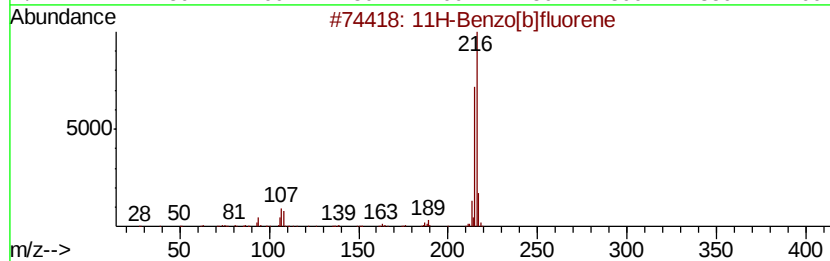
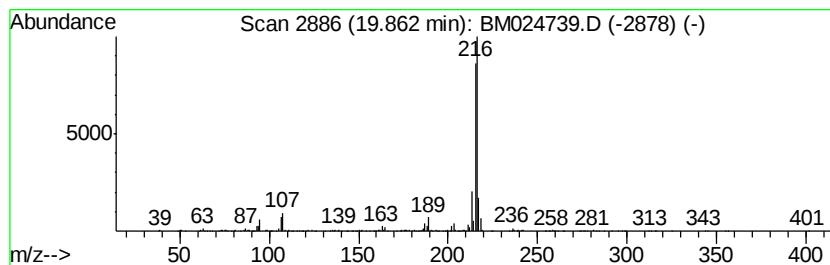
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 11H-Benzo[a]fluorene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.86	2.12 ng/ul	1134490	Chrysene-d12	21.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 93
2		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 93
3		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 91
4		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 87
5		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
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Operator : CG/JU
Sample : L1398-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

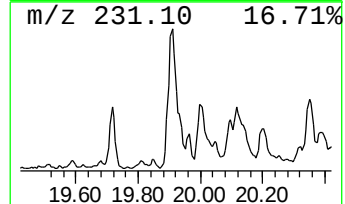
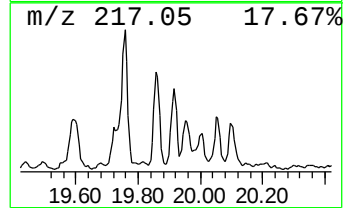
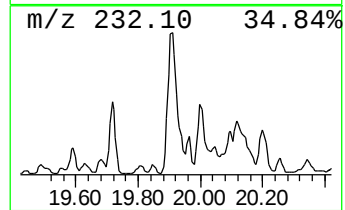
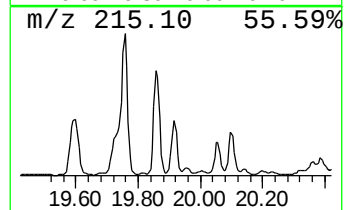
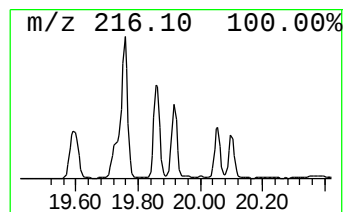
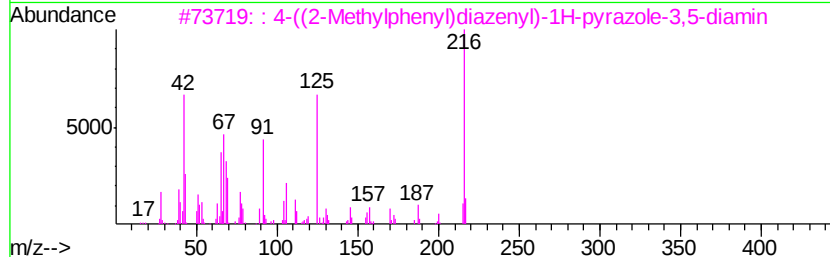
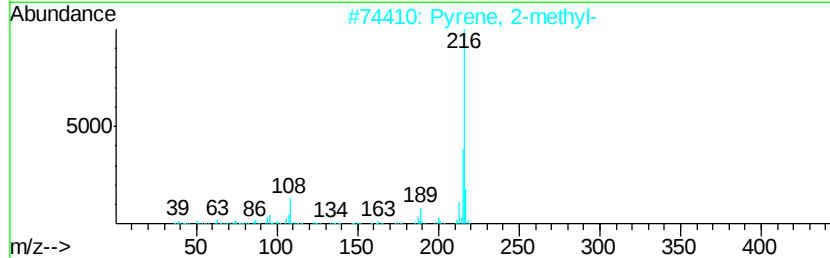
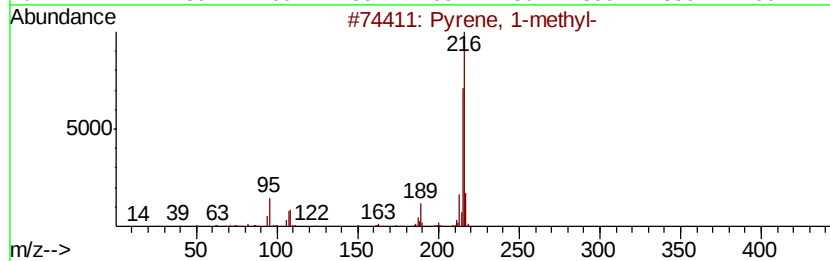
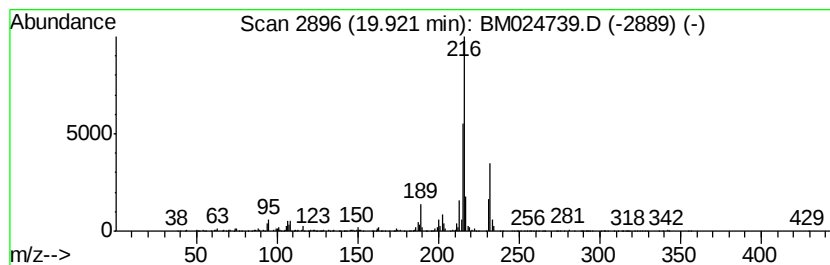
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Pyrene, 1-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	2.15 ng/ul	1147160	Chrysene-d12	21.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 93
2		Pyrene, 2-methyl-	216 C17H12	003442-78-2 91
3		: 4-((2-Methylphenyl)diazenyl)-1...	216 C10H12N6	1000332-58-9 83
4		Pyrene, 1-methyl-	216 C17H12	002381-21-7 83
5		Pyrene, 2-methyl-	216 C17H12	003442-78-2 83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024739.D
Acq On : 06 Feb 2020 22:02
Operator : CG/JU
Sample : L1398-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

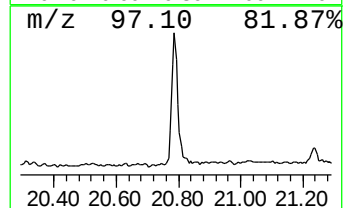
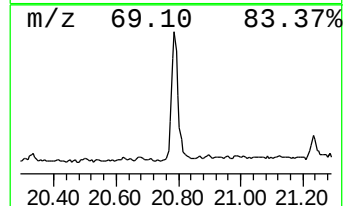
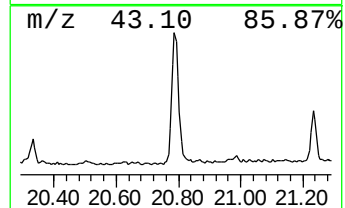
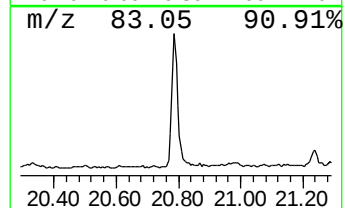
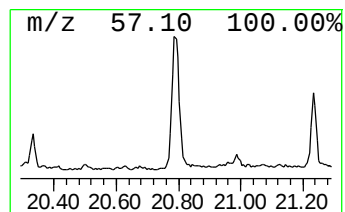
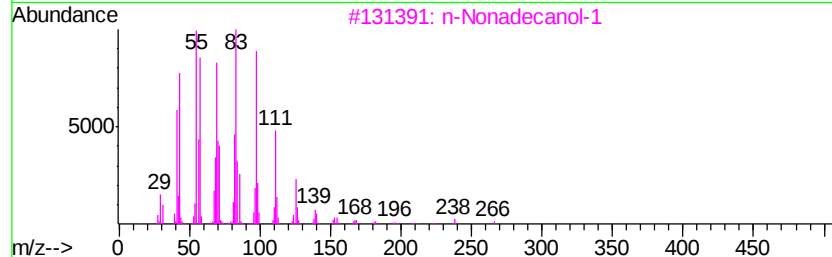
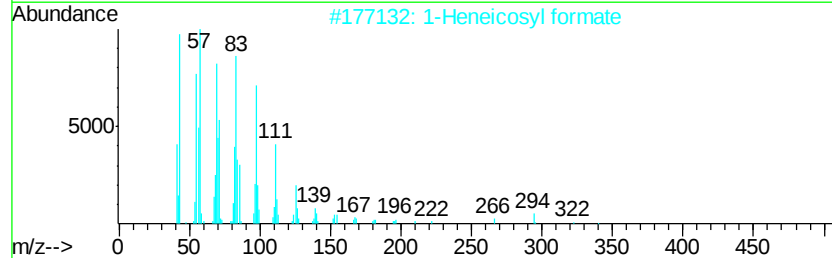
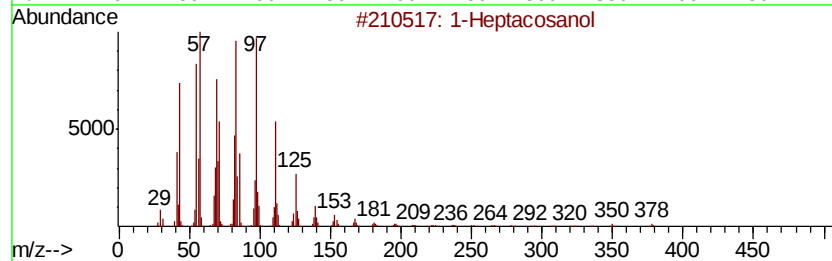
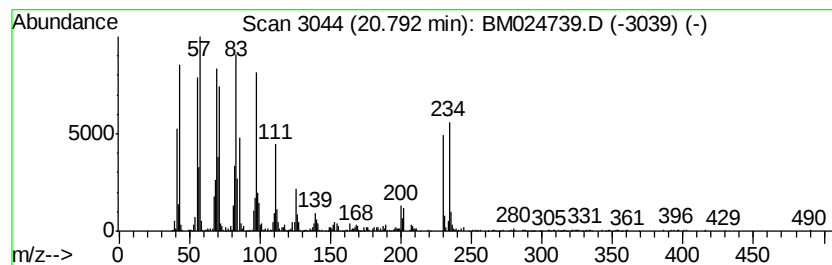
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 1-Heptacosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	5.44 ng/ul	2908310	Chrysene-d12	21.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heptacosanol		396 C27H56O	002004-39-9 93
2	1-Heneicosyl formate		340 C22H44O2	077899-03-7 93
3	n-Nonadecanol-1		284 C19H40O	001454-84-8 91
4	n-Tetracosanol-1		354 C24H50O	000506-51-4 91
5	Behenic alcohol		326 C22H46O	000661-19-8 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024739.D
Acq On : 06 Feb 2020 22:02
Operator : CG/JU
Sample : L1398-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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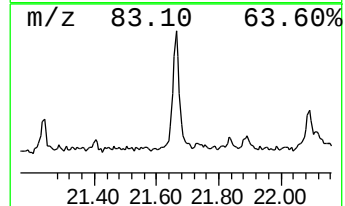
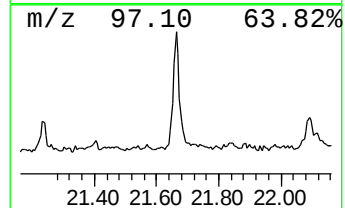
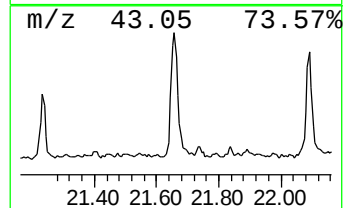
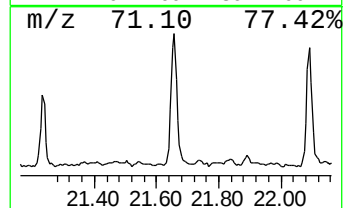
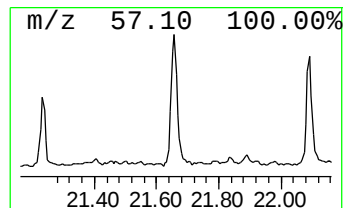
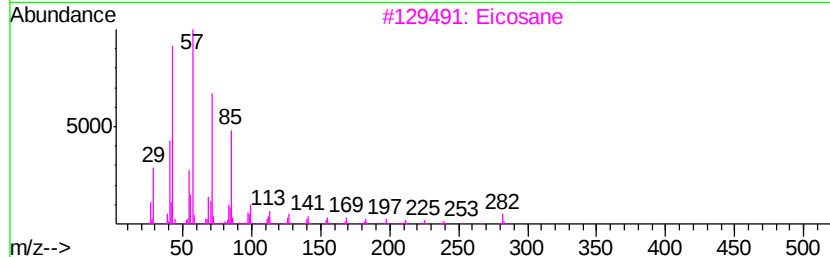
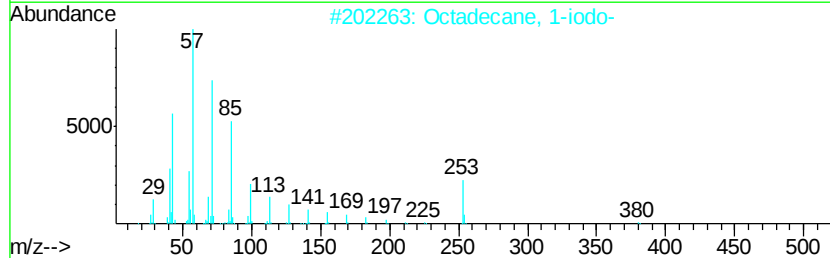
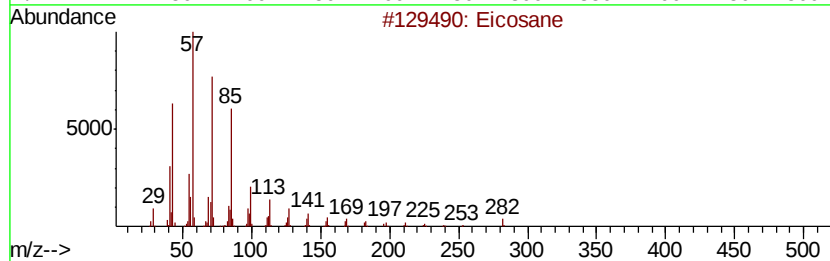
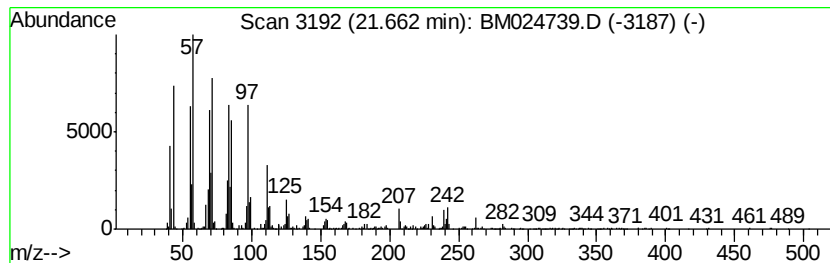
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.66	2.58 ng/ul	1380500	Chrysene-d12	21.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	97
2			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	96
3			Eicosane	282	C20H42	000112-95-8	90
4			Pentadecane	212	C15H32	000629-62-9	89
5			Tetracosane	338	C24H50	000646-31-1	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024739.D
Acq On : 06 Feb 2020 22:02
Operator : CG/JU
Sample : L1398-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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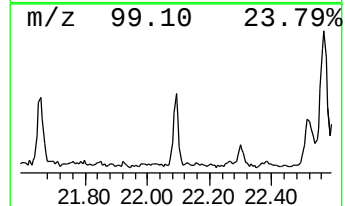
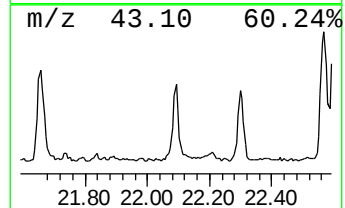
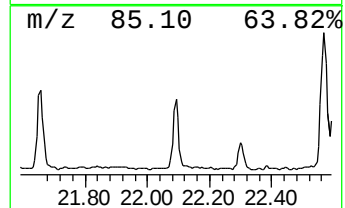
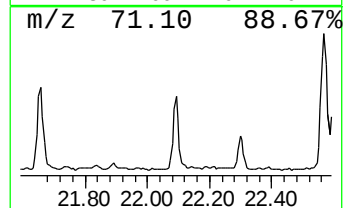
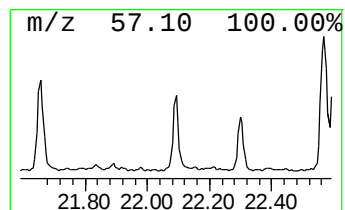
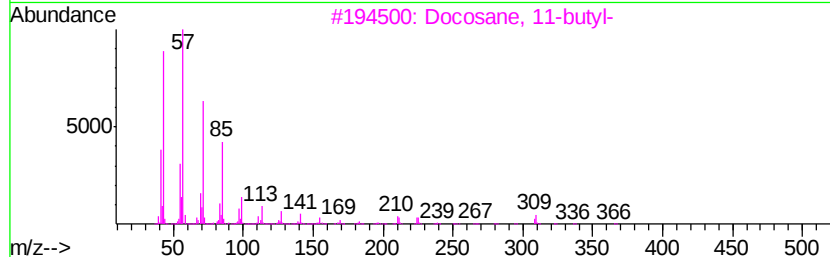
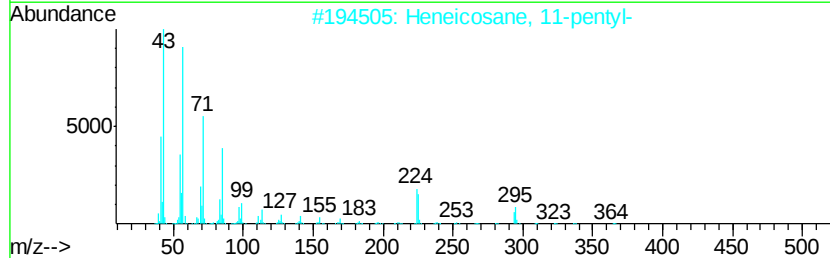
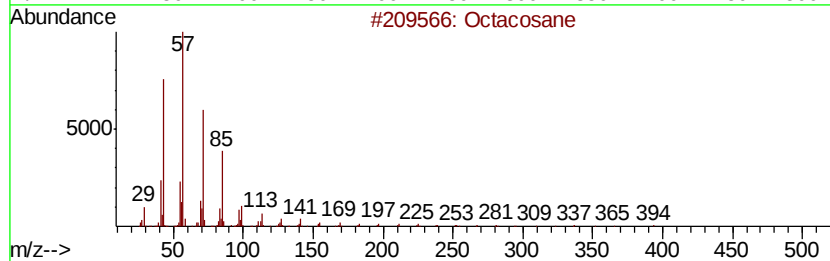
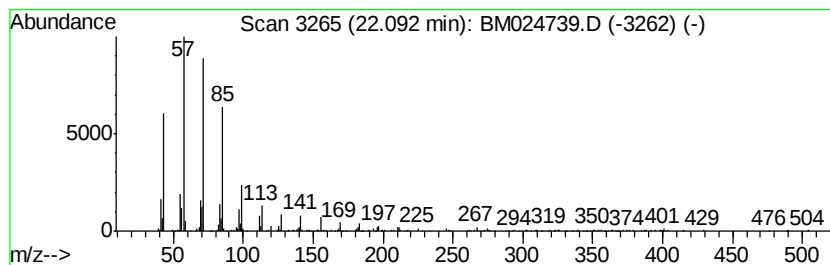
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.09	3.05 ng/ul	527559	Perylene-d12	23.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	93
2		Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Pentacosane	352	C25H52	000629-99-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024739.D
Acq On : 06 Feb 2020 22:02
Operator : CG/JU
Sample : L1398-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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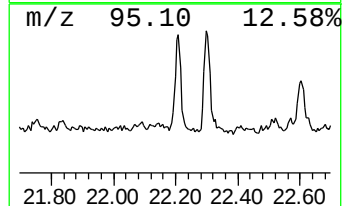
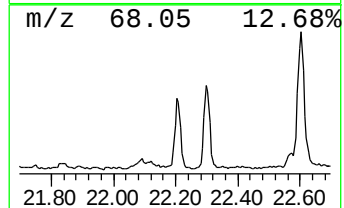
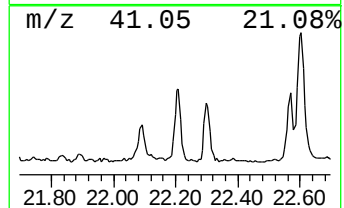
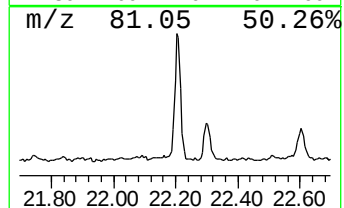
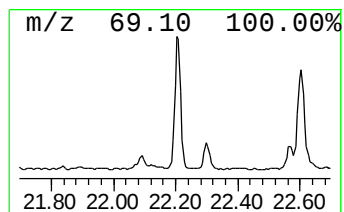
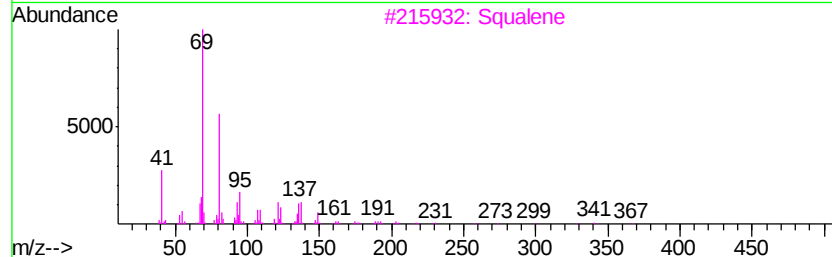
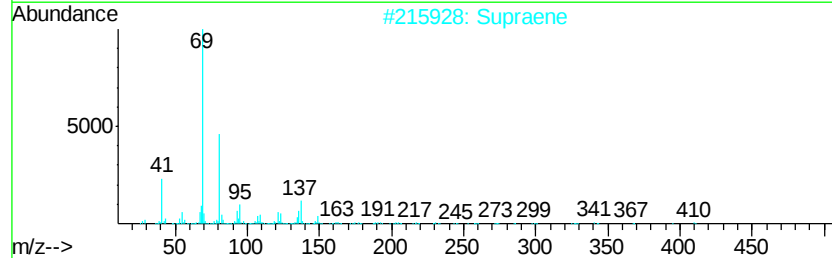
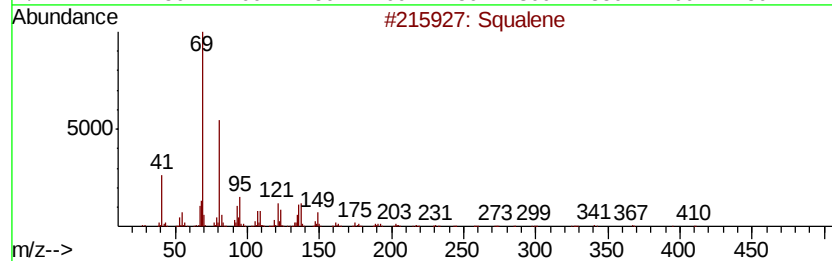
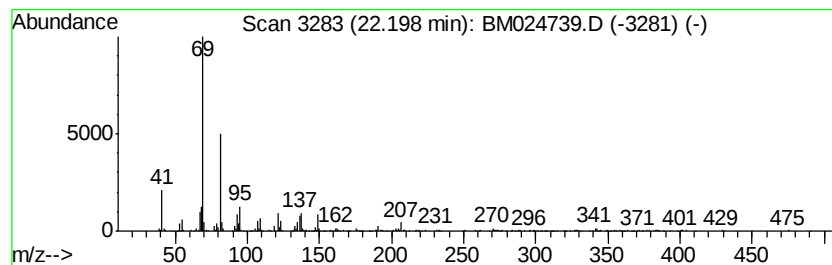
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 Squalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.20	5.83 ng/ul	1008250	Perylene-d12	23.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	99
2		Supraene	410	C30H50	007683-64-9	94
3		Squalene	410	C30H50	000111-02-4	93
4		Squalene	410	C30H50	000111-02-4	91
5		Squalene	410	C30H50	000111-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024739.D
Acq On : 06 Feb 2020 22:02
Operator : CG/JU
Sample : L1398-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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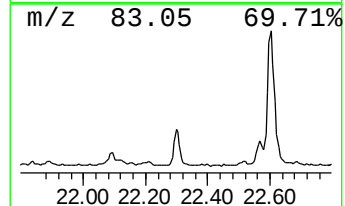
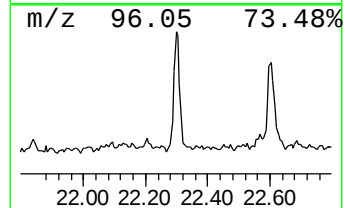
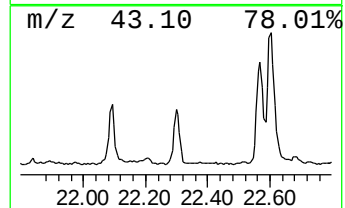
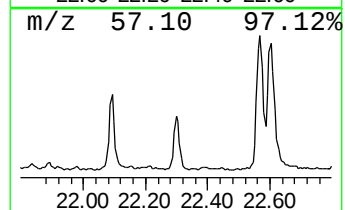
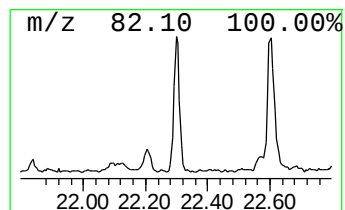
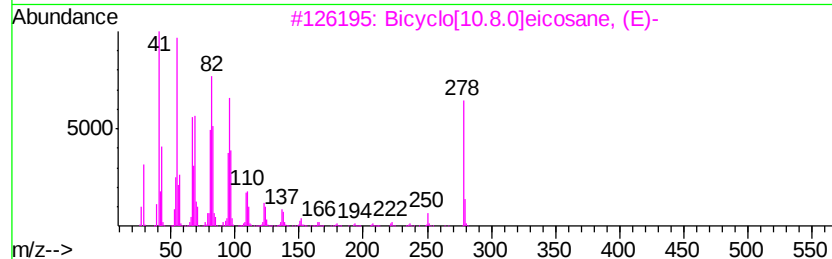
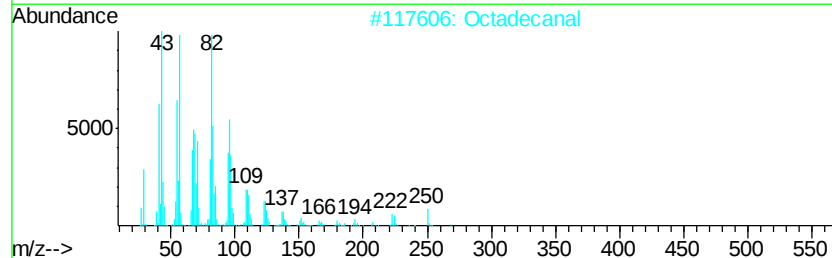
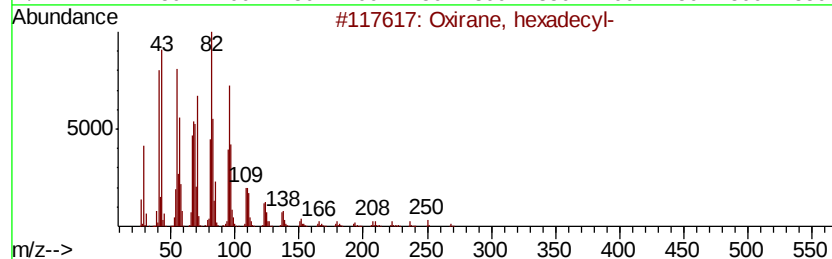
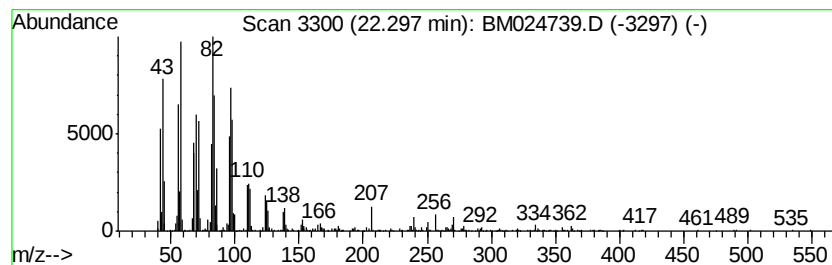
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 Oxirane, hexadecyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	7.91 ng/ul	1367490	Perylene-d12	23.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	96
2		Octadecanal	268	C18H36O	000638-66-4	94
3		Bicyclo[10.8.0]eicosane, (E)-	278	C20H38	1000155-85-0	93
4		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
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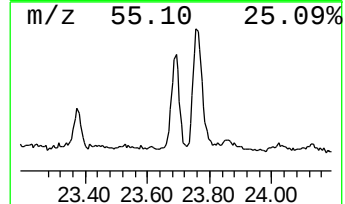
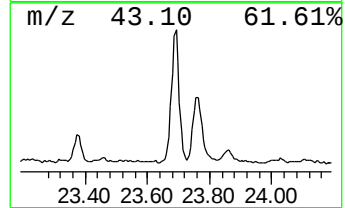
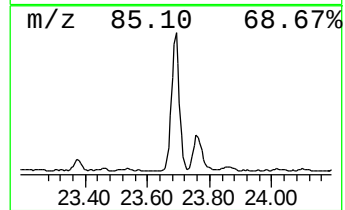
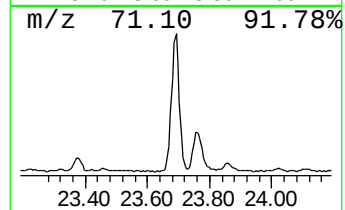
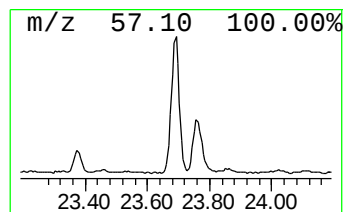
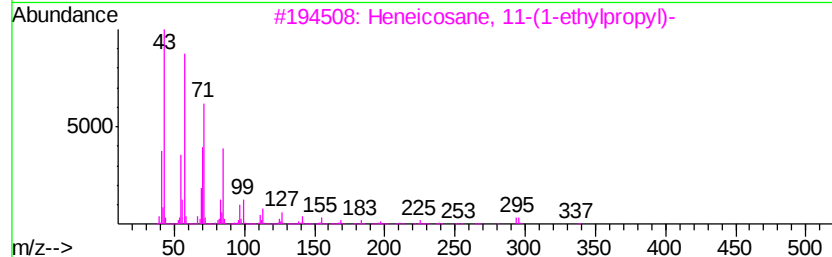
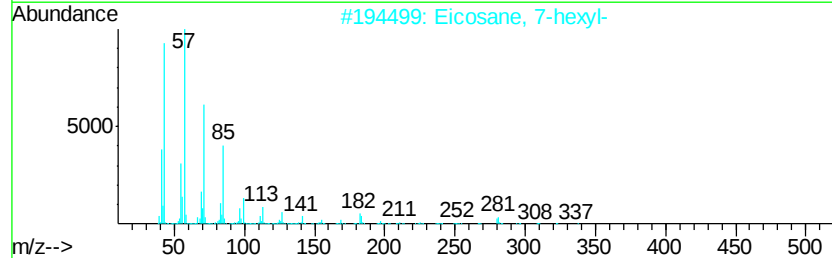
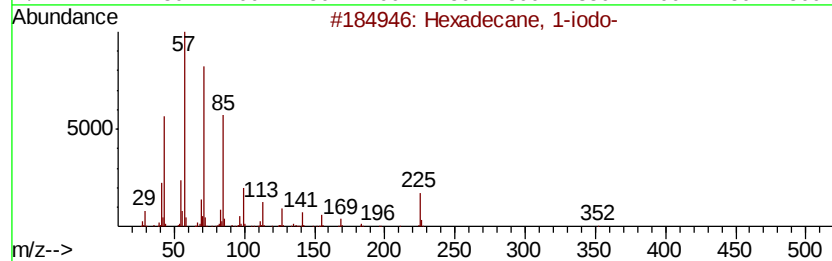
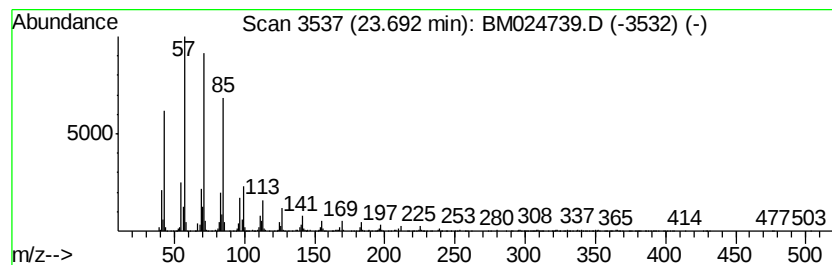
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 Hexadecane, 1-iodo- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.69	11.45 ng/ul	1979930	Perylene-d12	23.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	95
2		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4		Hentriacontane	437	C31H64	000630-04-6	91
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024739.D
 Acq On : 06 Feb 2020 22:02
 Operator : CG/JU
 Sample : L1398-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6D9

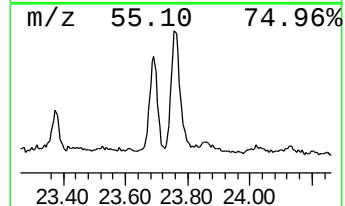
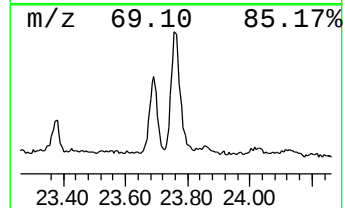
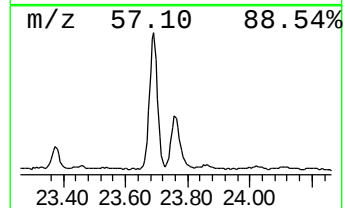
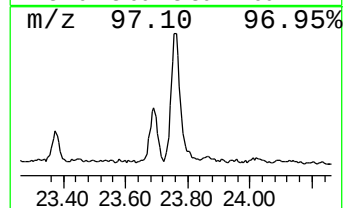
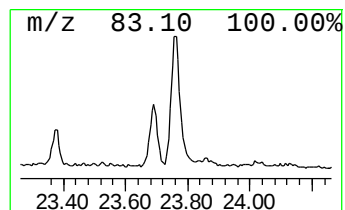
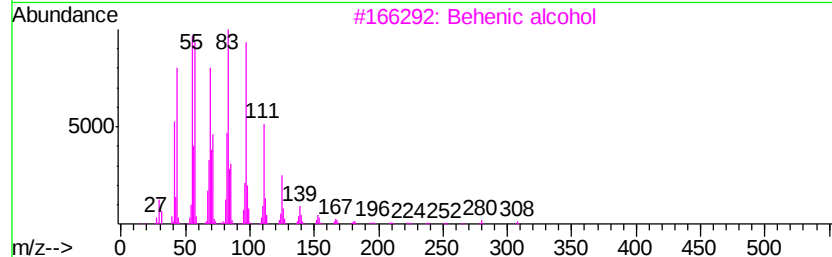
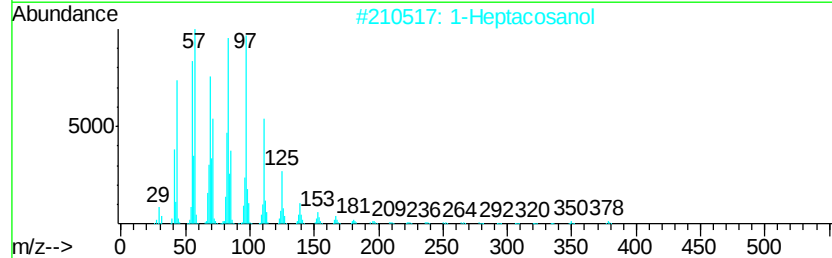
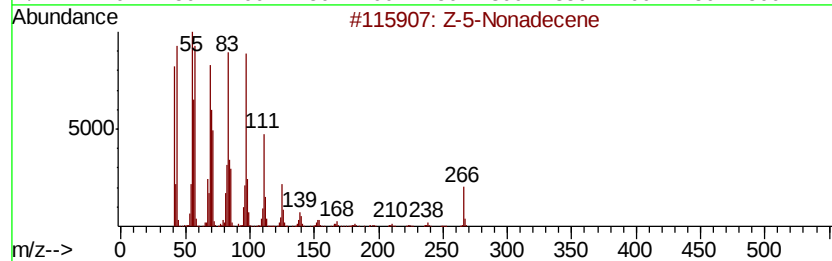
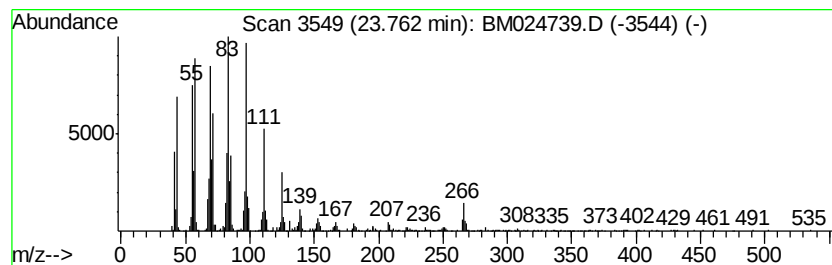
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 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	10.86 ng/ul	1879010	Perylene-d12	23.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Z-5-Nonadecene	266	C19H38	1000131-11-8	93
2		1-Heptacosanol	396	C27H56O	002004-39-9	93
3		Behenic alcohol	326	C22H46O	000661-19-8	91
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	90
5		1-Heneicosyl formate	340	C22H44O2	077899-03-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024739.D
Acq On : 06 Feb 2020 22:02
Operator : CG/JU
Sample : L1398-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6D9

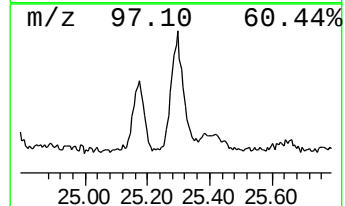
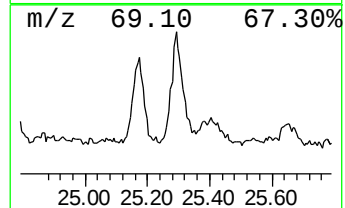
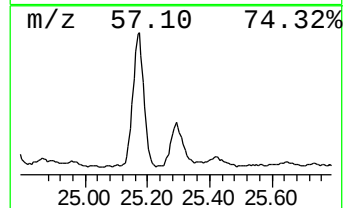
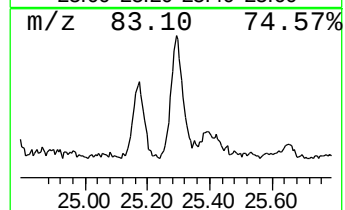
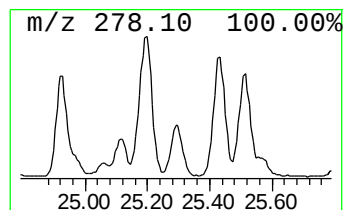
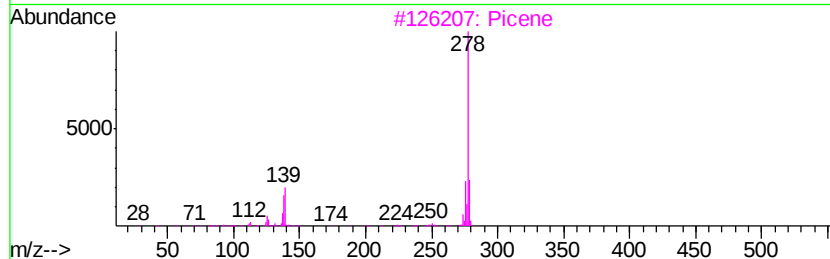
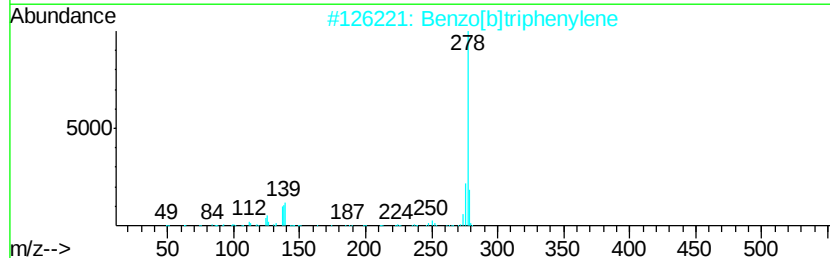
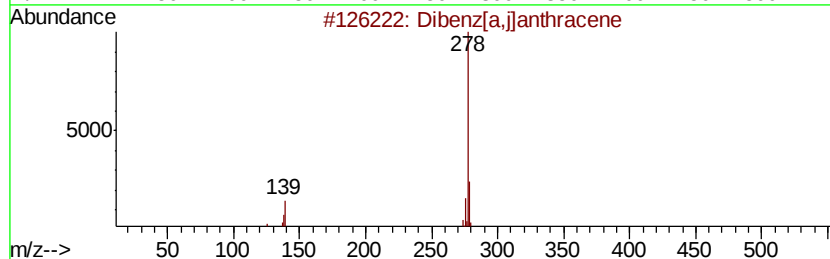
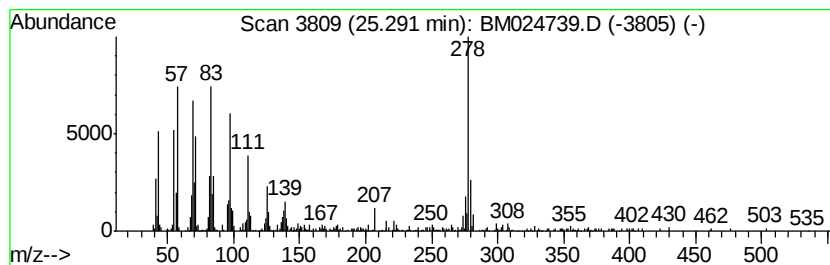
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 Dibenz[a,j]anthracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.29	6.48 ng/ul	1120460	Perylene-d12	23.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenz[a,i]anthracene	278	C22H14	000224-41-9	64
2			Benzo[b]triphenylene	278	C22H14	000215-58-7	38
3			Picene	278	C22H14	000213-46-7	38
4			Pentacene	278	C22H14	000135-48-8	38
5			Benzo[b]triphenylene	278	C22H14	000215-58-7	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM020620\
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 Sample : L1398-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6D9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Toluene	3.71	2.5	ng/ul	198539	1	7.41	1614810	20.0
Cyclopentasiloxan...	9.05	2.0	ng/ul	233086	2	10.17	2309430	20.0
Naphthalene, 1-me...	12.06	2.6	ng/ul	305214	2	10.17	2309430	20.0
Dibenzofuran, 4-m...	15.42	2.1	ng/ul	356251	3	14.06	3433330	20.0
2,4,6-Cycloheptat...	15.57	2.4	ng/ul	470601	4	16.82	3995260	20.0
9H-Fluorene, 2-me...	16.13	2.2	ng/ul	443917	4	16.82	3995260	20.0
Dibenzothiophene	16.63	3.3	ng/ul	662710	4	16.82	3995260	20.0
Phenanthrene, 2-m...	17.69	5.2	ng/ul	1045460	4	16.82	3995260	20.0
Anthracene, 2-met...	17.82	2.5	ng/ul	509097	4	16.82	3995260	20.0
4H-Cyclopenta[def...	17.89	9.3	ng/ul	1852160	4	16.82	3995260	20.0
5,16[1',2']:8,13[...	18.20	4.4	ng/ul	882219	4	16.82	3995260	20.0
9,10-Anthracenedione	18.23	2.6	ng/ul	512362	4	16.82	3995260	20.0
Phenanthrene, 2,5...	18.63	3.6	ng/ul	716312	4	16.82	3995260	20.0
Cyclopenta(def)ph...	18.76	2.8	ng/ul	548429	4	16.82	3995260	20.0
11H-Benzo[b]fluorene	19.76	2.8	ng/ul	1481510	5	21.03	10686900	20.0
11H-Benzo[a]fluorene	19.86	2.1	ng/ul	1134490	5	21.03	10686900	20.0
Pyrene, 1-methyl-	19.92	2.1	ng/ul	1147160	5	21.03	10686900	20.0
1-Heptacosanol	20.79	5.4	ng/ul	2908310	5	21.03	10686900	20.0
(DEL) Alkane: Str...	21.66	2.6	ng/ul	1380500	5	21.03	10686900	20.0
(DEL) Alkane: Str...	22.09	3.0	ng/ul	527559	6	23.13	3458980	20.0
Squalene	22.20	5.8	ng/ul	1008250	6	23.13	3458980	20.0
Oxirane, hexadecyl-	22.30	7.9	ng/ul	1367490	6	23.13	3458980	20.0
Hexadecane, 1-iodo-	23.69	11.4	ng/ul	1979930	6	23.13	3458980	20.0
(DEL) Alkane: Str...	23.76	10.9	ng/ul	1879010	6	23.13	3458980	20.0
Dibenz[a,j]anthra...	25.29	6.5	ng/ul	1120460	6	23.13	3458980	20.0