

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
 Data File : BM020798.D
 Acq On : 07 Jun 2019 11:28
 Operator : HP/JU
 Sample : K3201-14DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC5DL

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-BM060619MA.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	3.046	6	10	36	rVB	6965685	8168528	49.64%	3.302%
2	6.969	670	677	690	rVB	734752	1308040	7.95%	0.529%
3	7.146	701	707	722	rBV	593126	987207	6.00%	0.399%
4	7.340	734	740	748	rBV	809017	1294686	7.87%	0.523%
5	7.810	809	820	827	rBV	1544427	2428037	14.76%	0.981%
6	8.510	932	939	945	rVV	847053	1396371	8.49%	0.564%
7	8.969	1010	1017	1024	rBV	764836	1278788	7.77%	0.517%
8	9.687	1132	1139	1150	rBV	641342	1066677	6.48%	0.431%
9	10.222	1222	1230	1241	rVB	1009400	1713825	10.42%	0.693%
10	10.604	1284	1295	1300	rBV	2012700	3515630	21.37%	1.421%
11	10.740	1311	1318	1337	rVV	587621	1097533	6.67%	0.444%
12	13.857	1844	1848	1853	rVV	1850048	2535769	15.41%	1.025%
13	13.904	1853	1856	1864	rVB	666367	917053	5.57%	0.371%
14	14.139	1890	1896	1912	rVB2	2009274	3525642	21.43%	1.425%
15	14.451	1938	1949	1955	rBV2	3031035	4688783	28.50%	1.895%
16	14.510	1955	1959	1967	rVB	460525	690960	4.20%	0.279%
17	14.645	1975	1982	1992	rBV	625757	1004398	6.10%	0.406%
18	14.845	2011	2016	2024	rVV	325968	525531	3.19%	0.212%
19	15.239	2075	2083	2087	rBV2	187015	334865	2.04%	0.135%
20	15.439	2109	2117	2122	rVV	2555610	3714838	22.58%	1.502%
21	15.498	2122	2127	2133	rVV2	465208	739265	4.49%	0.299%
22	15.563	2133	2138	2145	rVV2	435057	668291	4.06%	0.270%
23	15.792	2172	2177	2184	rVB	262338	443198	2.69%	0.179%
24	15.939	2197	2202	2209	rVB	232616	472026	2.87%	0.191%
25	16.169	2235	2241	2248	rVB4	162796	349575	2.12%	0.141%
26	16.727	2327	2336	2339	rBV3	225381	441688	2.68%	0.179%
27	16.851	2352	2357	2363	rVB	399274	629622	3.83%	0.255%
28	16.922	2363	2369	2371	rBV2	217833	343344	2.09%	0.139%
29	17.016	2380	2385	2392	rVB	343217	555929	3.38%	0.225%
30	17.198	2410	2416	2419	rVV2	3425270	5257797	31.95%	2.125%
31	17.239	2419	2423	2428	rVV	7021672	9464391	57.52%	3.826%
32	17.292	2428	2432	2436	rVV2	2645279	4013650	24.39%	1.622%
33	17.327	2436	2438	2443	rVV	1235242	1394523	8.48%	0.564%
34	17.598	2473	2484	2488	rBV2	568771	1193948	7.26%	0.483%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
 Data File : BM020798.D
 Acq On : 07 Jun 2019 11:28
 Operator : HP/JU
 Sample : K3201-14DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC5DL

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-BM060619MA.M
 Title : SVOA CALIBRATION

35	17.969	2542	2547	2554	rVV3	184984	392696	2.39%	0.159%
36	18.086	2559	2567	2569	rVV2	1809649	3886745	23.62%	1.571%
37	18.116	2569	2572	2578	rVV	1921475	2618702	15.91%	1.059%
38	18.198	2581	2586	2591	rVB	564323	829800	5.04%	0.335%
39	18.263	2591	2597	2601	rBV2	1610567	3062115	18.61%	1.238%
40	18.298	2601	2603	2609	rVB	935596	1155843	7.02%	0.467%
41	18.380	2612	2617	2620	rBV3	279736	397456	2.42%	0.161%
42	18.569	2644	2649	2653	rVV	893661	1209037	7.35%	0.489%
43	18.610	2653	2656	2662	rVB	819220	1126036	6.84%	0.455%
44	18.816	2687	2691	2695	rVV	466029	651097	3.96%	0.263%
45	18.863	2696	2699	2702	rVV	359123	452568	2.75%	0.183%
46	18.904	2702	2706	2710	rVB2	329651	426528	2.59%	0.172%
47	18.986	2715	2720	2726	rVV	970030	1826541	11.10%	0.738%
48	19.051	2726	2731	2734	rVV2	500315	1029795	6.26%	0.416%
49	19.080	2734	2736	2739	rVV	371625	413616	2.51%	0.167%
50	19.127	2739	2744	2752	rVB3	769003	1401719	8.52%	0.567%
51	19.251	2757	2765	2772	rBV	11562685	16454539	100.00%	6.651%
52	19.363	2779	2784	2788	rBV3	679169	1098194	6.67%	0.444%
53	19.451	2794	2799	2802	rBV3	330275	499813	3.04%	0.202%
54	19.498	2803	2807	2810	rVV	282276	393494	2.39%	0.159%
55	19.586	2816	2822	2824	rBV3	4800902	6952575	42.25%	2.810%
56	19.616	2824	2827	2835	rVV	10226900	14132539	85.89%	5.713%
57	19.686	2835	2839	2845	rVB2	793725	1234122	7.50%	0.499%
58	19.792	2853	2857	2863	rVB	642006	903755	5.49%	0.365%
59	19.851	2863	2867	2872	rVB2	368228	610260	3.71%	0.247%
60	19.933	2876	2881	2889	rBV2	995347	2589330	15.74%	1.047%
61	20.074	2899	2905	2906	rBV3	715747	1156302	7.03%	0.467%
62	20.104	2907	2910	2916	rVB	1481288	2353021	14.30%	0.951%
63	20.210	2924	2928	2931	rBV	743527	914347	5.56%	0.370%
64	20.263	2931	2937	2942	rVV2	1260628	2139311	13.00%	0.865%
65	20.310	2942	2945	2948	rVB2	347592	382360	2.32%	0.155%
66	20.345	2948	2951	2956	rBV2	275225	362813	2.20%	0.147%
67	20.410	2957	2962	2965	rBV	799830	1126053	6.84%	0.455%
68	20.451	2965	2969	2972	rVV2	820288	1090794	6.63%	0.441%
69	20.486	2972	2975	2980	rVB2	1022520	1187247	7.22%	0.480%
70	20.663	3001	3005	3007	rBV3	285731	441571	2.68%	0.178%
71	20.857	3034	3038	3044	rVB	1370392	1894624	11.51%	0.766%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
 Data File : BM020798.D
 Acq On : 07 Jun 2019 11:28
 Operator : HP/JU
 Sample : K3201-14DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC5DL

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-BM060619MA.M
 Title : SVOA CALIBRATION

72	21.021	3059	3066	3069	rBV2	1102123	2082126	12.65%	0.842%
73	21.063	3069	3073	3074	rVV	1262261	1701704	10.34%	0.688%
74	21.080	3074	3076	3084	rVV3	1706136	3592470	21.83%	1.452%
75	21.151	3084	3088	3098	rVB2	1416569	2192539	13.32%	0.886%
76	21.286	3108	3111	3114	rVB	499056	580579	3.53%	0.235%
77	21.362	3119	3124	3129	rVV3	7807799	15582746	94.70%	6.299%
78	21.410	3129	3132	3142	rVB	5891727	8301132	50.45%	3.355%
79	21.527	3148	3152	3158	rBV3	909654	1557632	9.47%	0.630%
80	21.592	3159	3163	3166	rBV4	522989	830025	5.04%	0.336%
81	21.692	3175	3180	3185	rBV3	712012	1452173	8.83%	0.587%
82	21.933	3217	3221	3223	rVV	949262	1132095	6.88%	0.458%
83	21.980	3223	3229	3236	rVB3	1341969	2704093	16.43%	1.093%
84	22.133	3251	3255	3258	rBV	488355	685652	4.17%	0.277%
85	22.233	3268	3272	3281	rVB4	533231	1026318	6.24%	0.415%
86	22.668	3342	3346	3350	rBV2	1403345	2137361	12.99%	0.864%
87	22.974	3390	3398	3399	rBV2	4883646	8859197	53.84%	3.581%
88	23.145	3423	3427	3437	rVB	847507	1409222	8.56%	0.570%
89	23.462	3476	3481	3486	rBV	2211292	4277155	25.99%	1.729%
90	23.515	3486	3490	3493	rVV2	2007357	3862985	23.48%	1.561%
91	23.562	3494	3498	3505	rVB	3783103	6908920	41.99%	2.793%
92	23.662	3509	3515	3520	rVV	2805240	5498627	33.42%	2.223%
93	23.709	3520	3523	3531	rVB2	1050483	2109885	12.82%	0.853%
94	23.856	3544	3548	3554	rVB2	612395	1020602	6.20%	0.413%
95	24.203	3601	3607	3615	rVB	1658878	3353264	20.38%	1.355%
96	24.286	3617	3621	3629	rBV	776201	1507964	9.16%	0.610%
97	24.968	3731	3737	3746	rVB2	955564	2162303	13.14%	0.874%
98	25.980	3901	3909	3926	rVB3	1750477	7780760	47.29%	3.145%
99	26.692	4024	4030	4038	rVV	851556	2173932	13.21%	0.879%
100	26.786	4039	4046	4057	rVB4	1373981	3949089	24.00%	1.596%

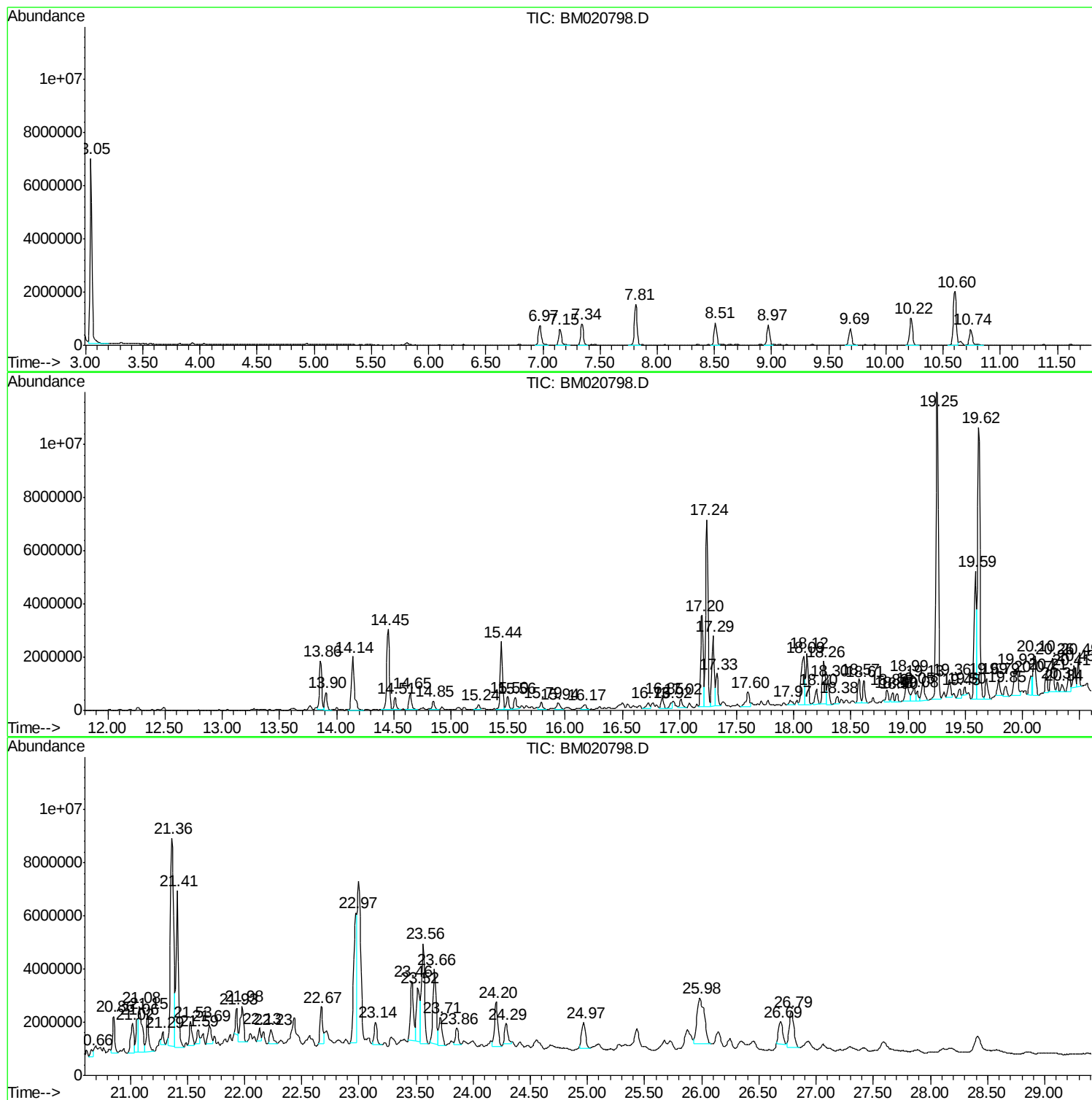
Sum of corrected areas: 247390316

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020798.D
Acq On : 07 Jun 2019 11:28
Operator : HP/JU
Sample : K3201-14DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020798.D
Acq On : 07 Jun 2019 11:28
Operator : HP/JU
Sample : K3201-14DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5DL

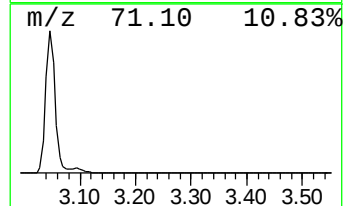
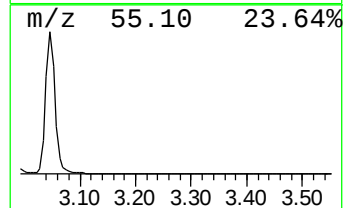
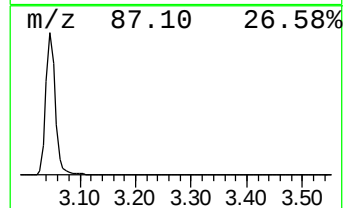
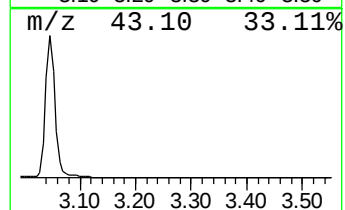
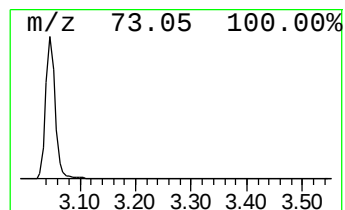
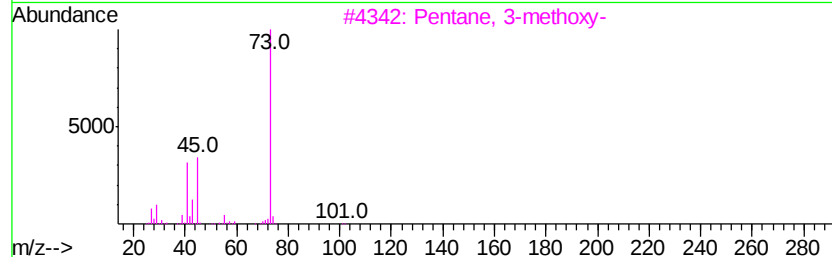
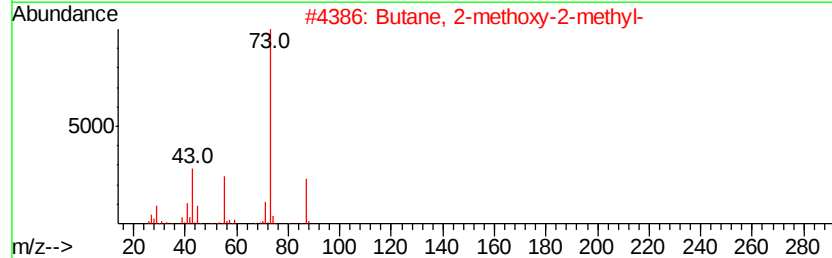
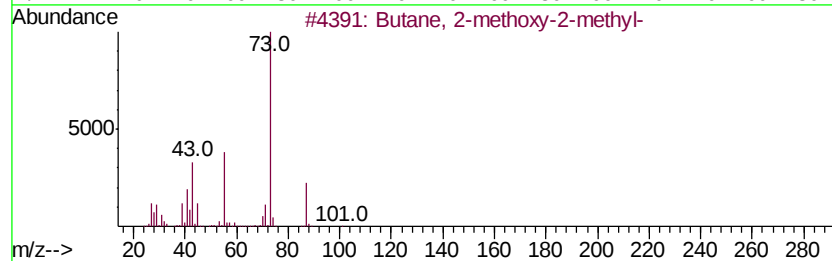
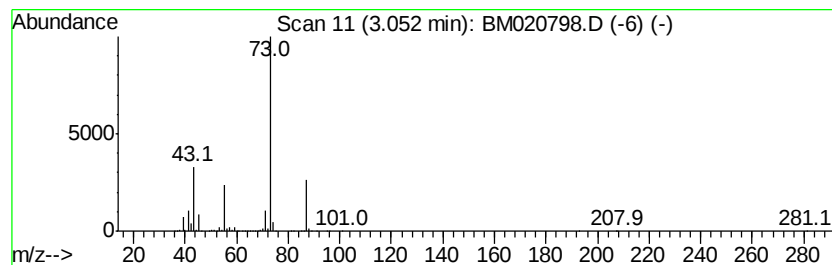
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	67.29 ng/ul	8168530	1,4-Dichlorobenzene-d4	7.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020798.D
Acq On : 07 Jun 2019 11:28
Operator : HP/JU
Sample : K3201-14DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5DL

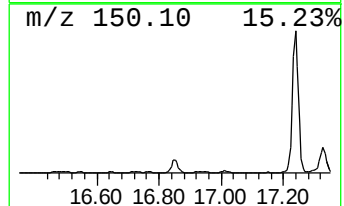
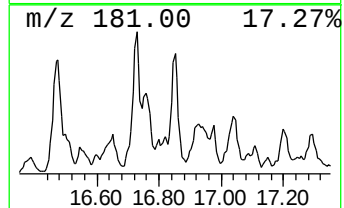
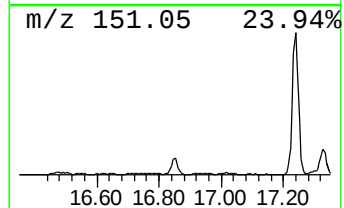
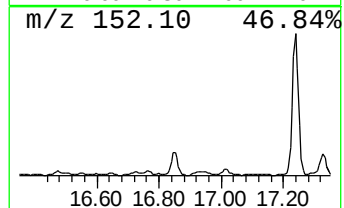
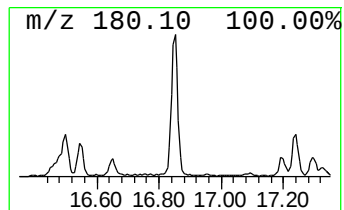
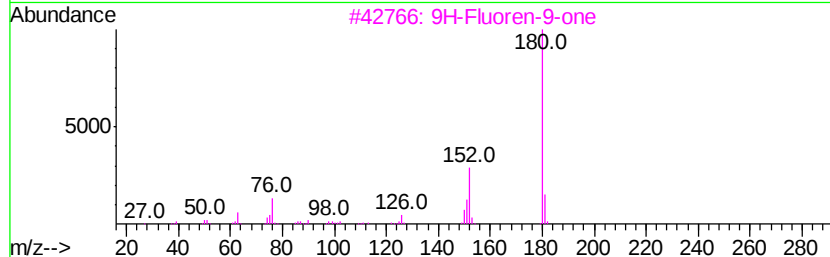
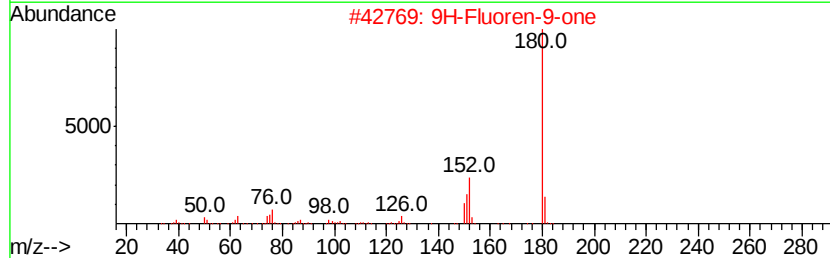
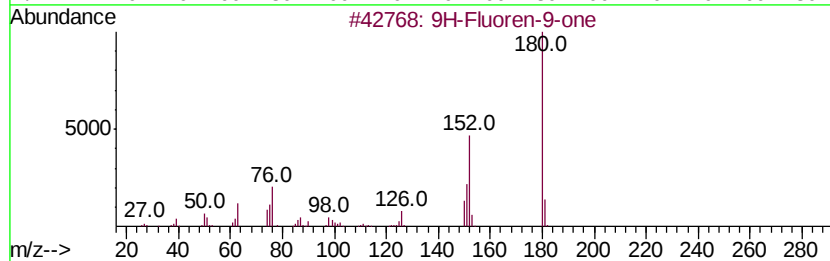
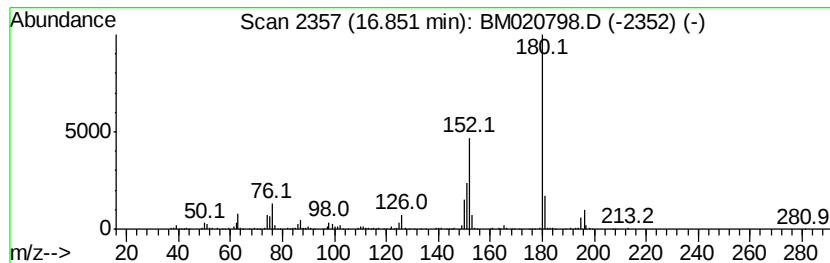
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 9H-Fluoren-9-one Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	2.40 ng/ul	629622	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2		9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
4		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90
5		9H-Fluoren-9-one	180	C13H8O	000486-25-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020798.D
Acq On : 07 Jun 2019 11:28
Operator : HP/JU
Sample : K3201-14DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5DL

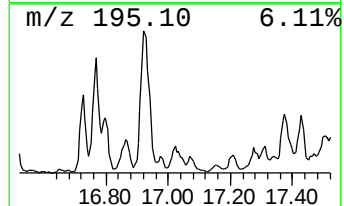
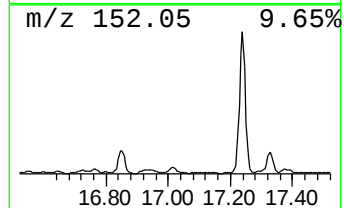
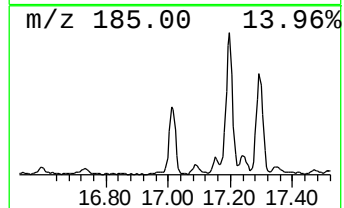
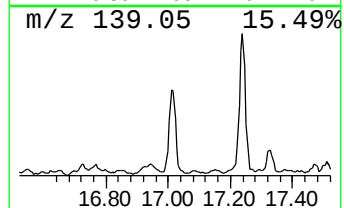
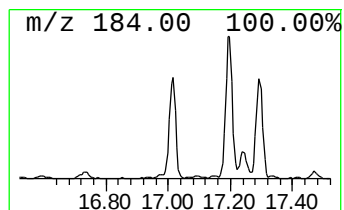
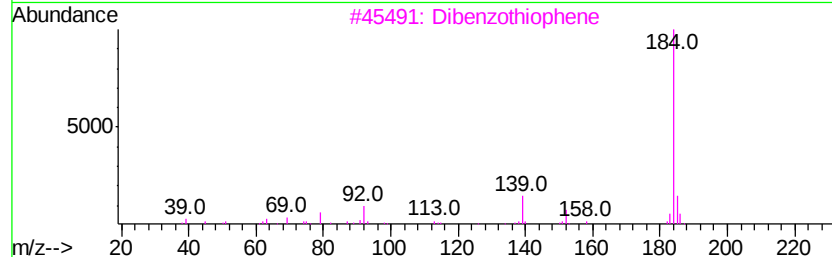
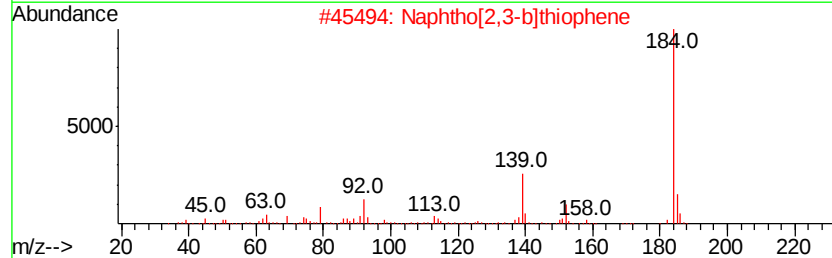
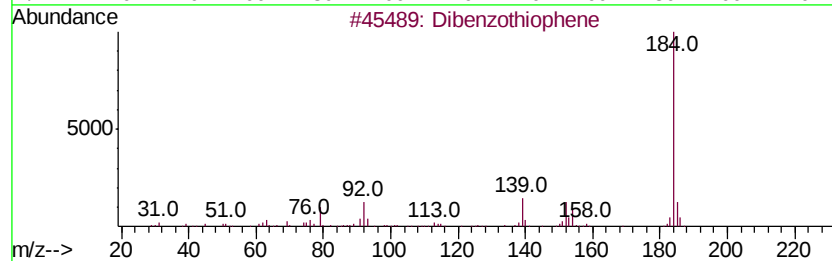
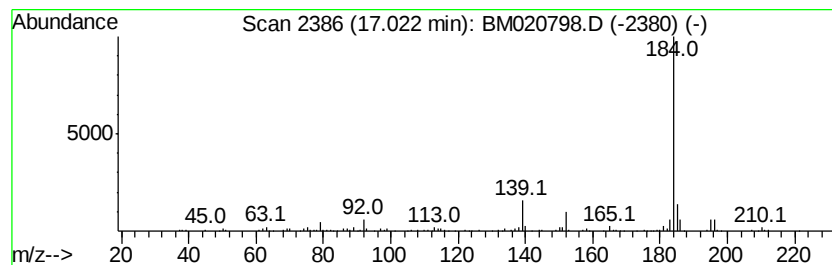
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Dibenzothiophene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	2.11 ng/ul	555929	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	93
2		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3		Dibenzothiophene	184	C12H8S	000132-65-0	93
4		Dibenzothiophene	184	C12H8S	000132-65-0	93
5		Dibenzothiophene	184	C12H8S	000132-65-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020798.D
Acq On : 07 Jun 2019 11:28
Operator : HP/JU
Sample : K3201-14DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5DL

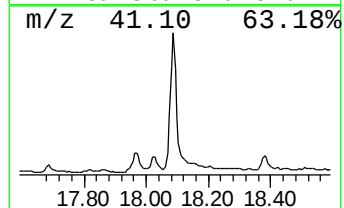
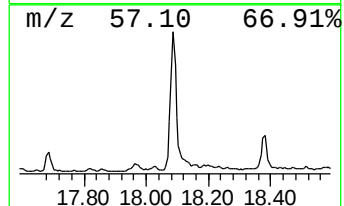
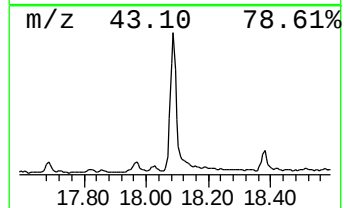
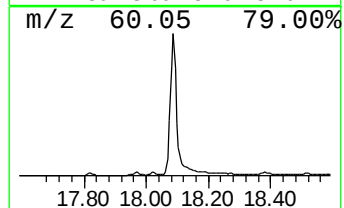
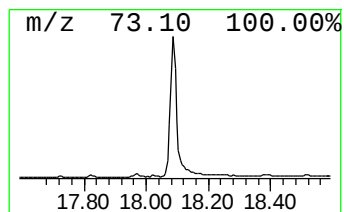
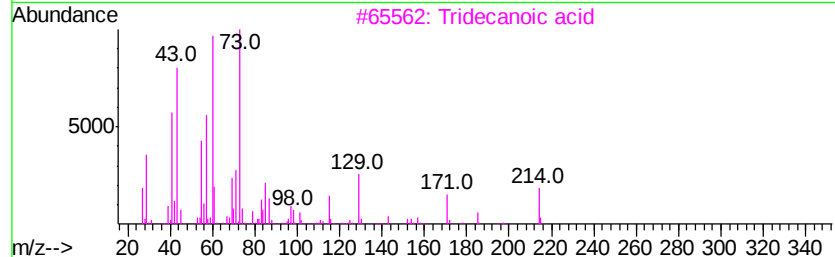
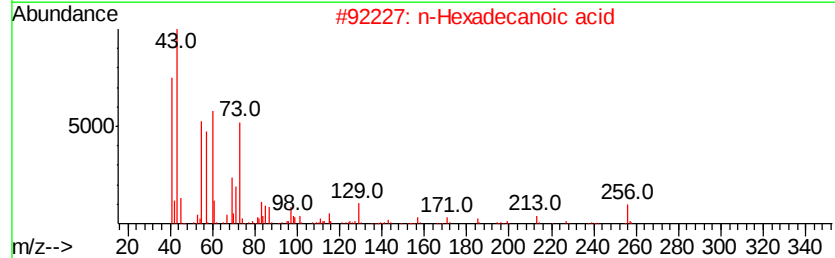
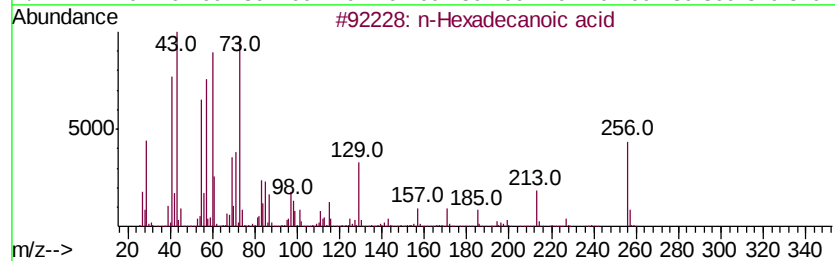
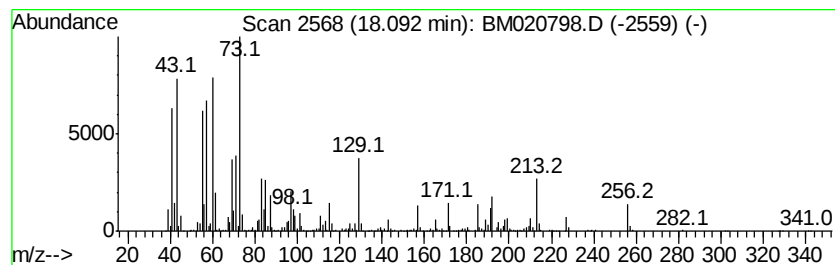
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	14.78 ng/ul	3886750	Phenanthrene-d10	17.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	78	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020798.D
Acq On : 07 Jun 2019 11:28
Operator : HP/JU
Sample : K3201-14DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5DL

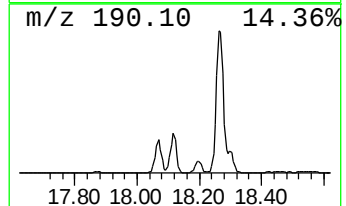
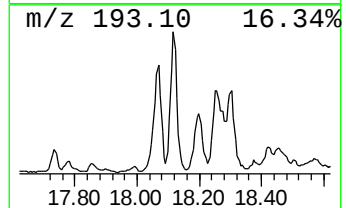
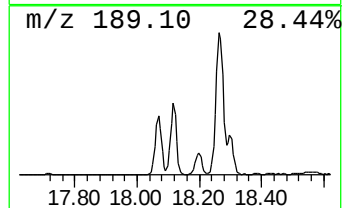
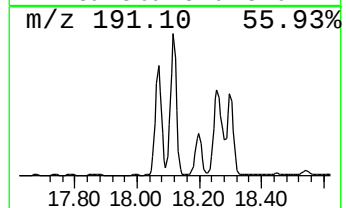
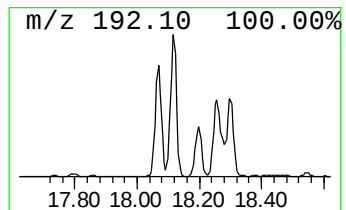
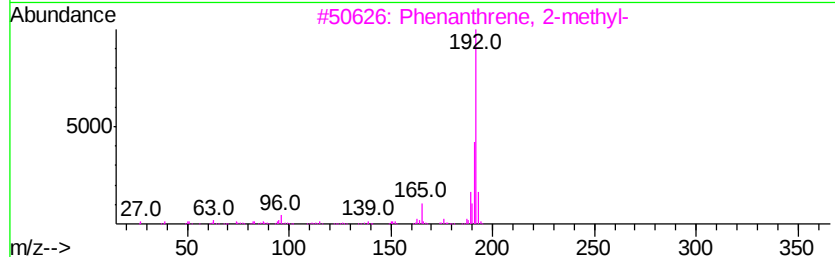
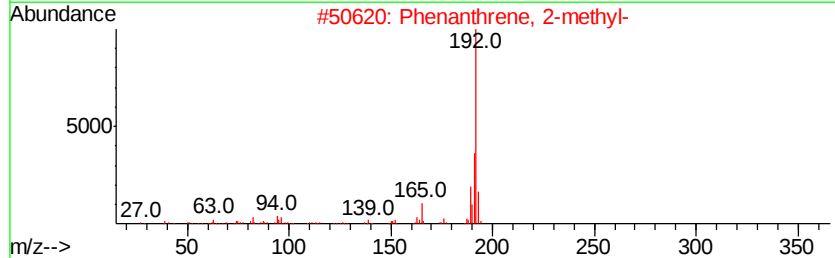
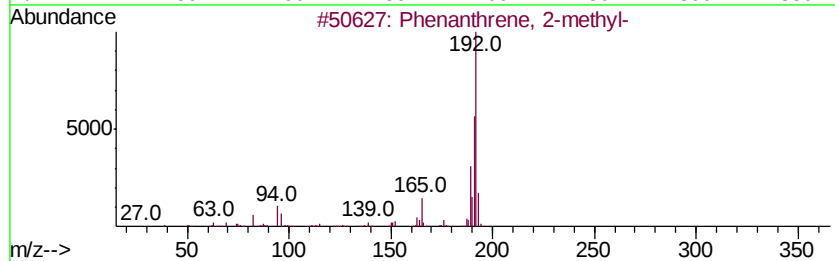
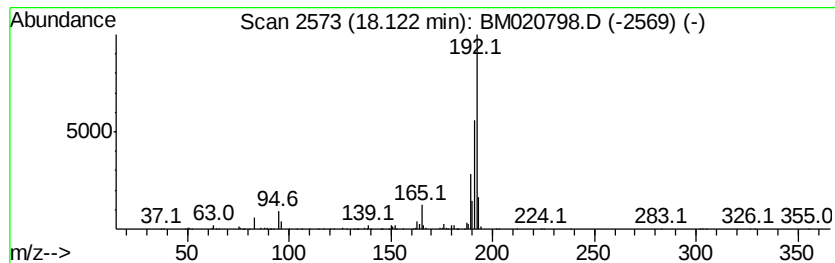
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	9.96 ng/ul	2618700	Phenanthrene-d10	17.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020798.D
Acq On : 07 Jun 2019 11:28
Operator : HP/JU
Sample : K3201-14DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5DL

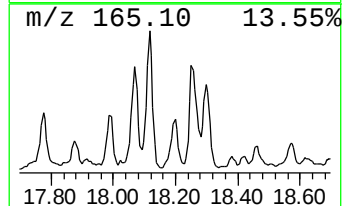
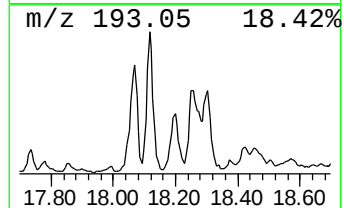
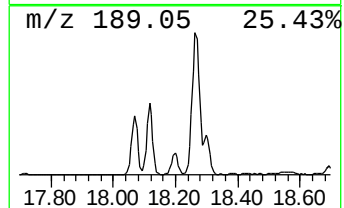
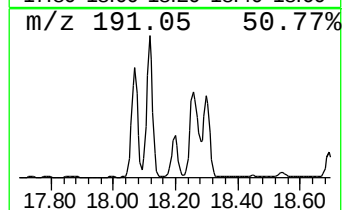
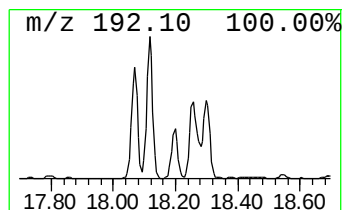
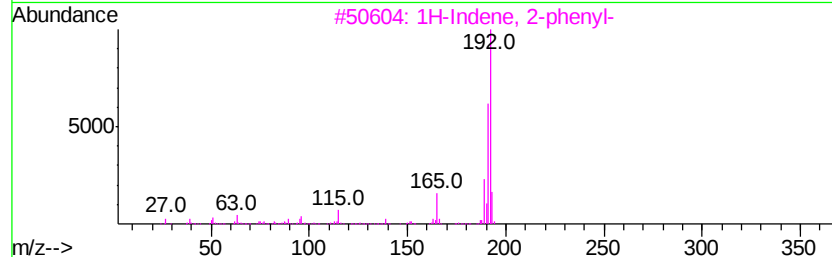
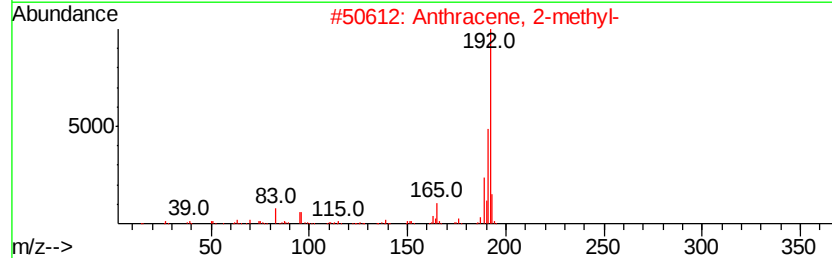
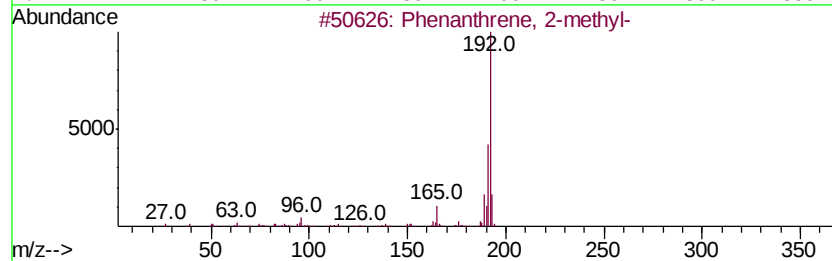
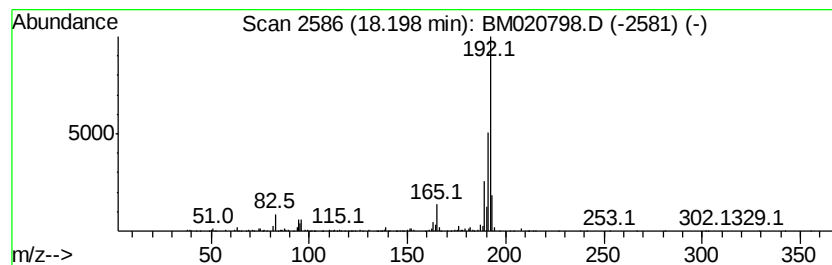
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	3.16 ng/ul	829800	Phenanthrene-d10	17.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020798.D
Acq On : 07 Jun 2019 11:28
Operator : HP/JU
Sample : K3201-14DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

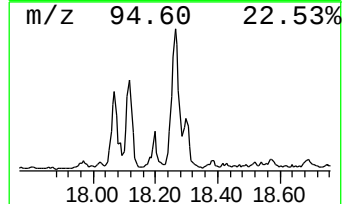
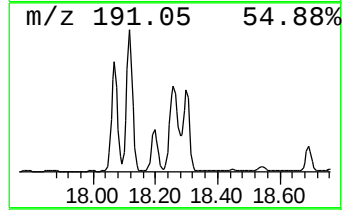
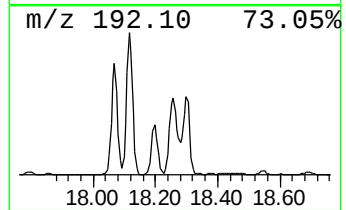
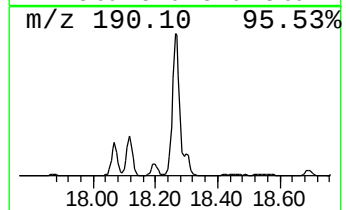
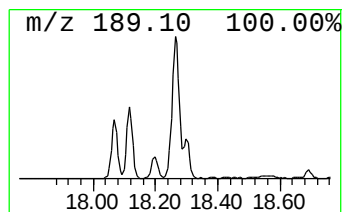
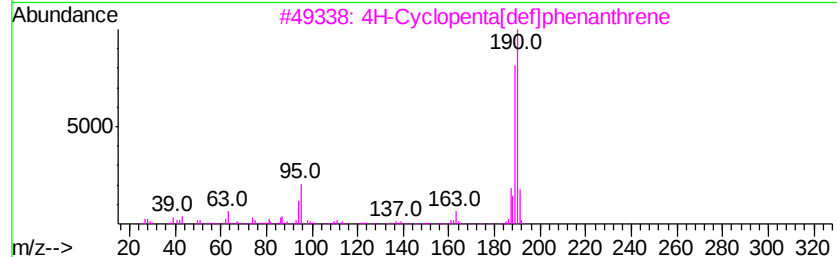
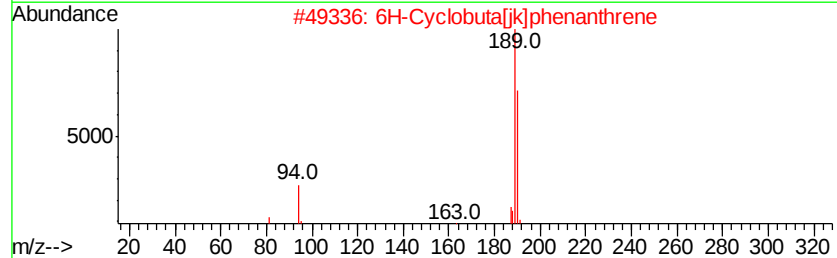
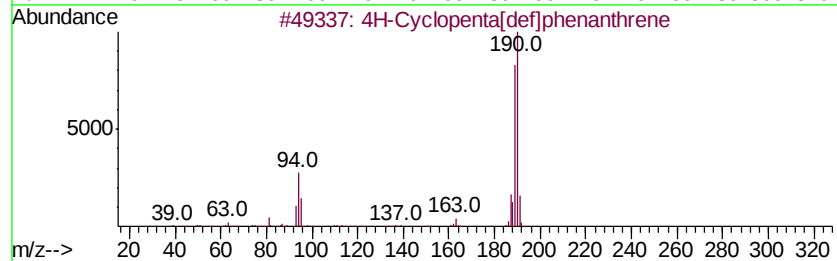
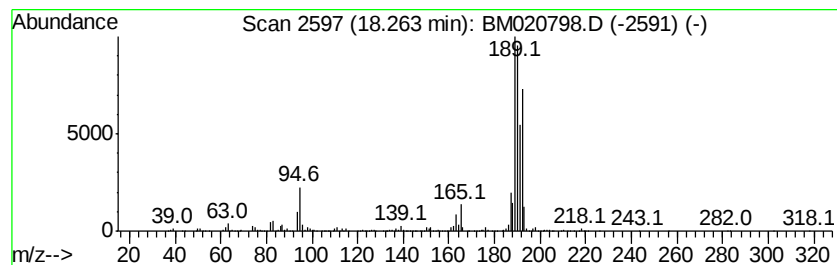
Instrument :
BNA_M
ClientSampleId :
C0AC5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.26	11.65 ng/ul	3062120	Phenanthrene-d10	17.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jkl]phenanthrene	190	C15H10	083469-43-6	58
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020798.D
Acq On : 07 Jun 2019 11:28
Operator : HP/JU
Sample : K3201-14DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5DL

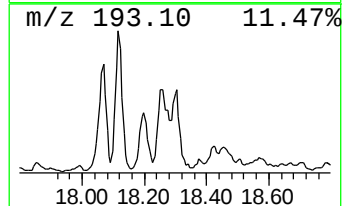
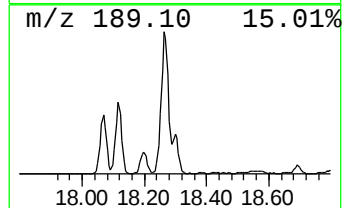
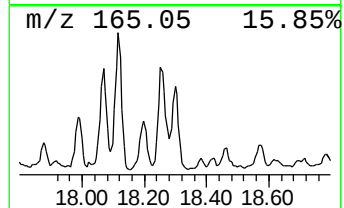
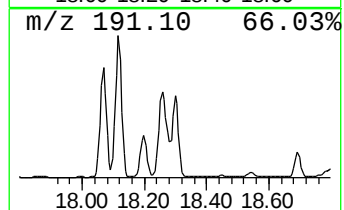
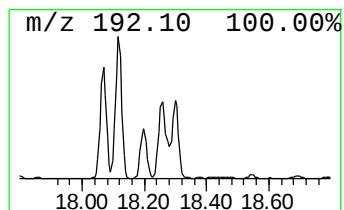
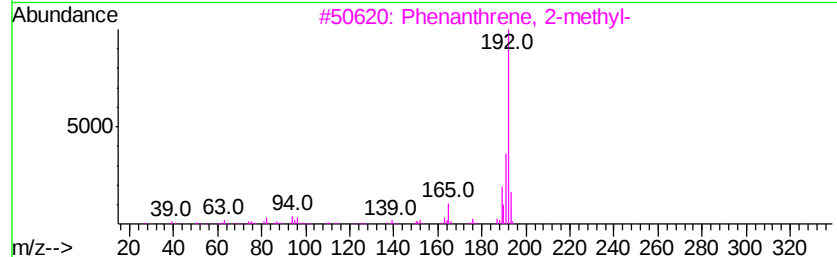
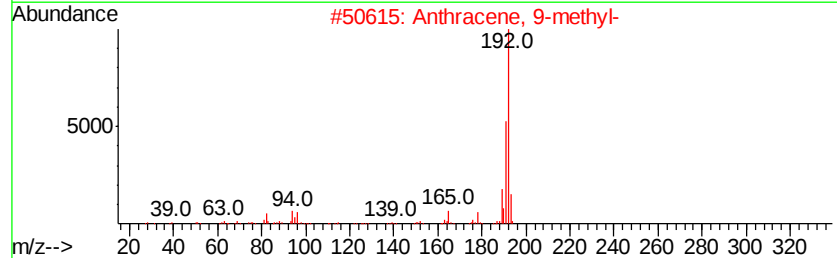
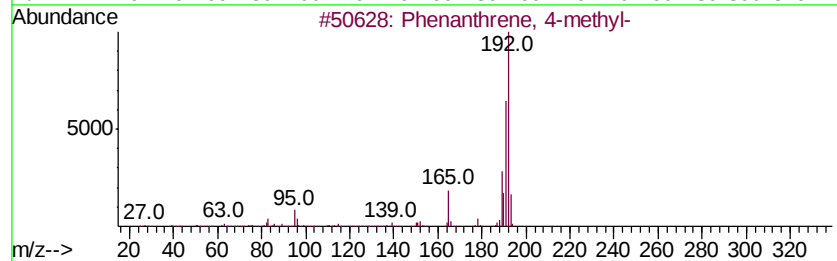
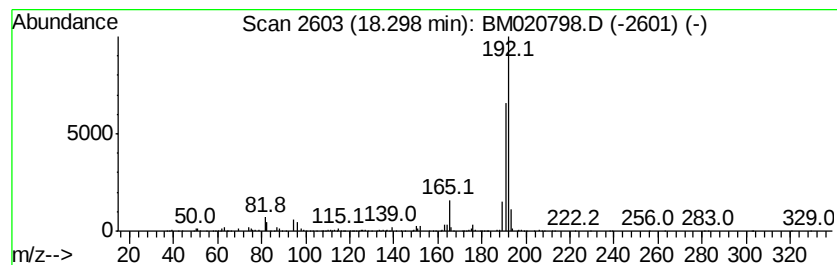
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 Phenanthrene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	4.40 ng/ul	1155840	Phenanthrene-d10	17.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	80
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
4		Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	74
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020798.D
Acq On : 07 Jun 2019 11:28
Operator : HP/JU
Sample : K3201-14DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5DL

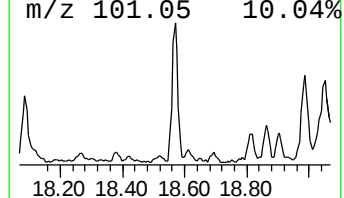
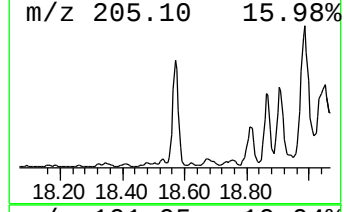
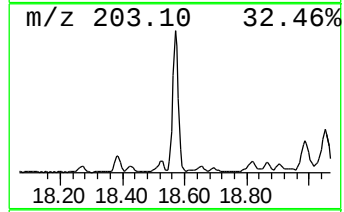
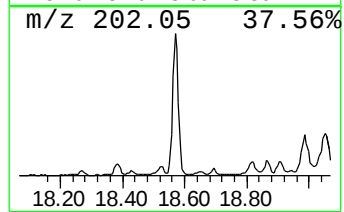
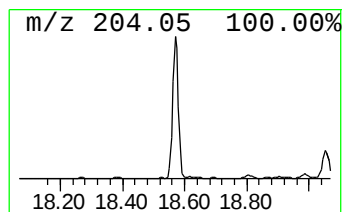
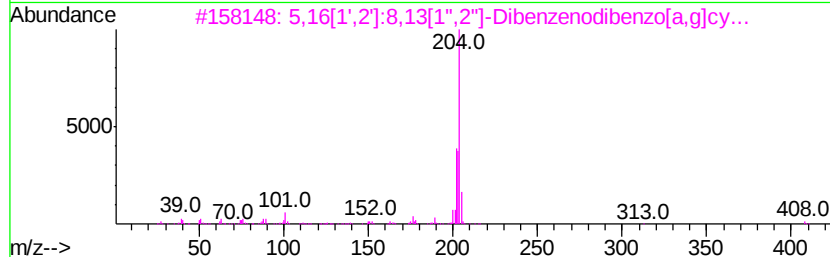
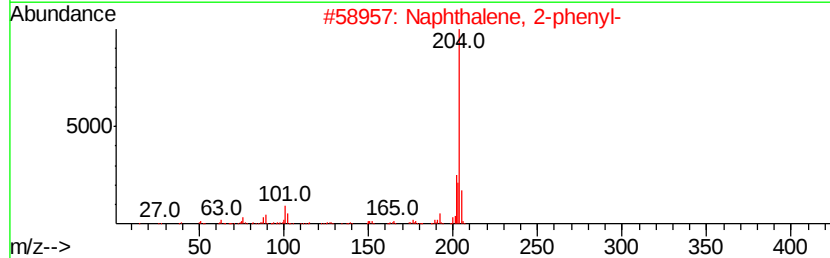
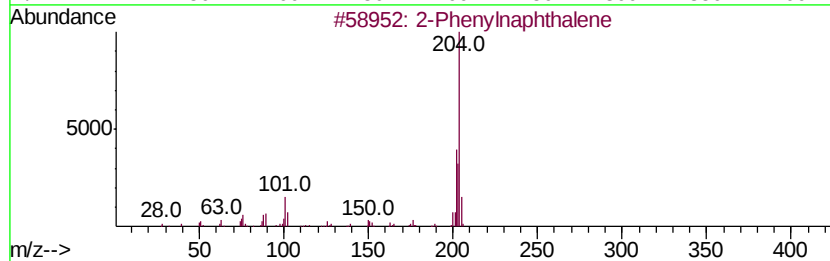
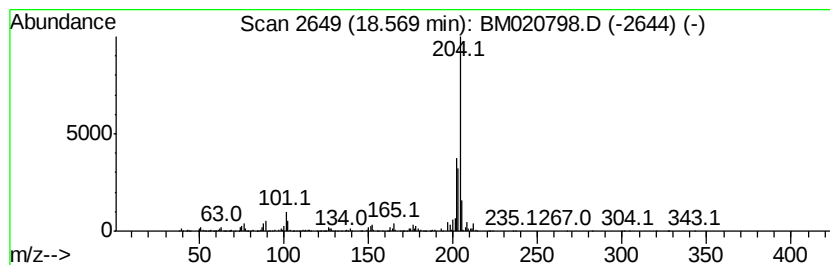
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 2-Phenylnaphthalene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	4.60 ng/ul	1209040	Phenanthrene-d10	17.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylnaphthalene			204	C16H12	035465-71-5	95
2	Naphthalene, 2-phenyl-			204	C16H12	000612-94-2	86
3	5,16[1',2'l:8,13[1'',2'']-Dibenz...			408	C32H24	005672-97-9	86
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...			204	C16H12	006572-60-7	81
5	Naphthalene, 2-phenyl-			204	C16H12	000612-94-2	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020798.D
Acq On : 07 Jun 2019 11:28
Operator : HP/JU
Sample : K3201-14DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5DL

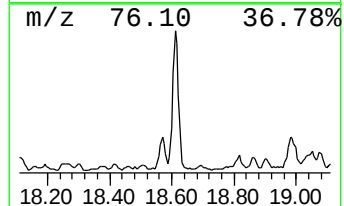
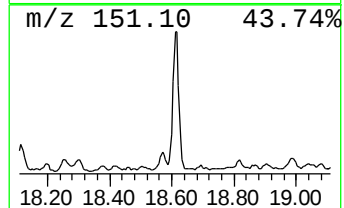
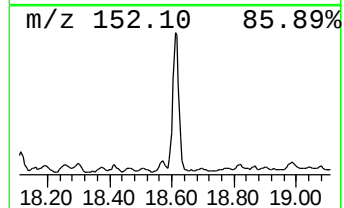
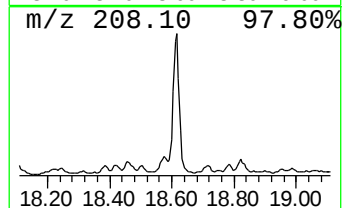
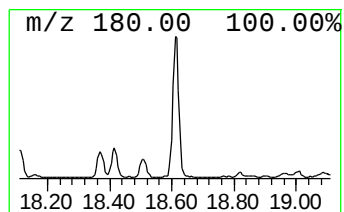
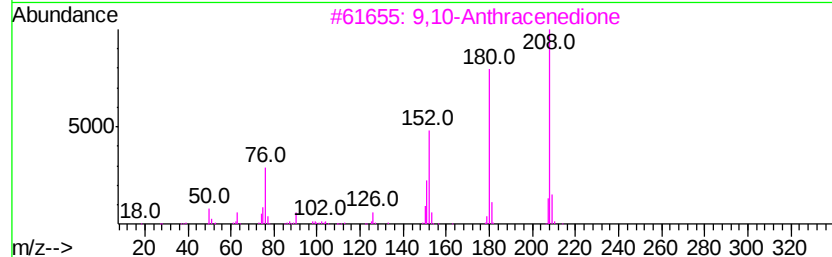
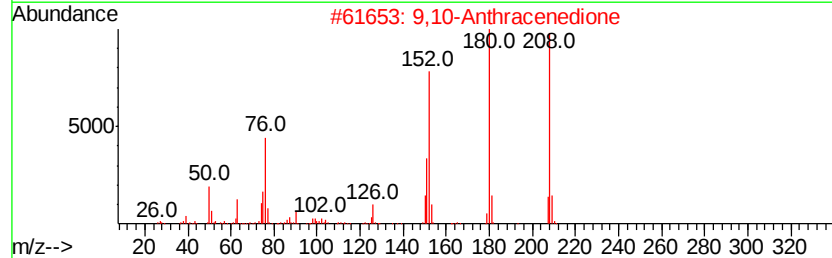
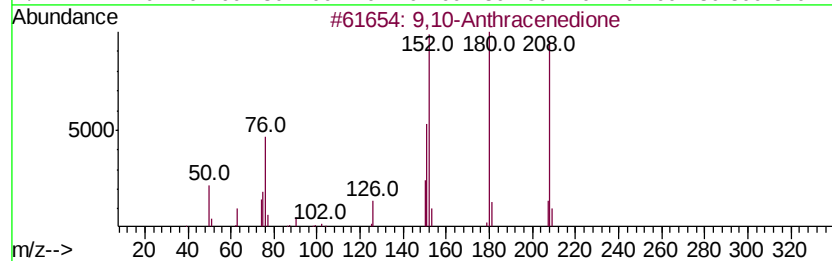
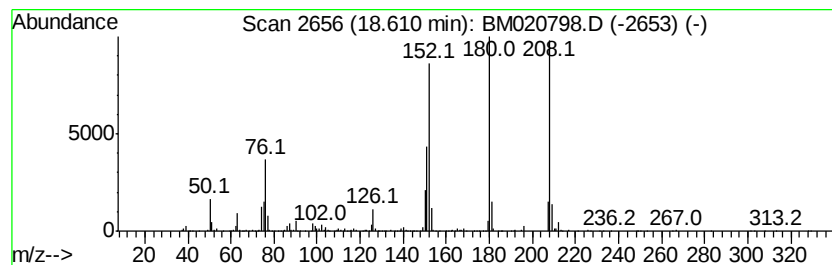
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.61	4.28 ng/ul	1126040	Phenanthrene-d10	17.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2			9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
5			9H-Fluoren-9-one	180	C13H8O	000486-25-9	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020798.D
Acq On : 07 Jun 2019 11:28
Operator : HP/JU
Sample : K3201-14DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

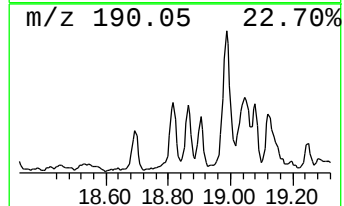
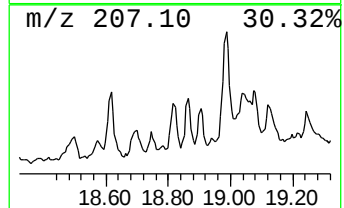
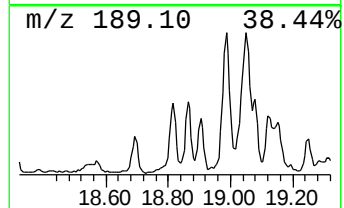
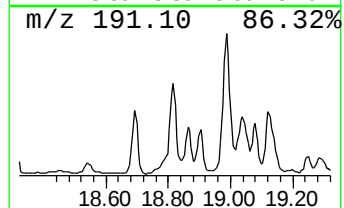
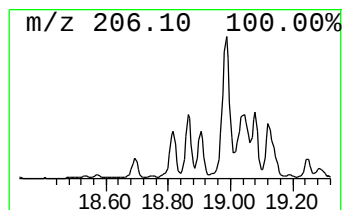
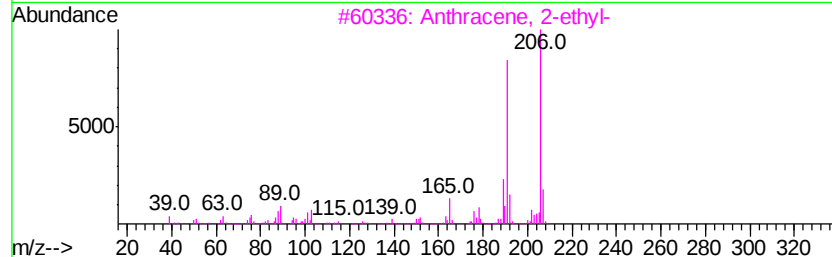
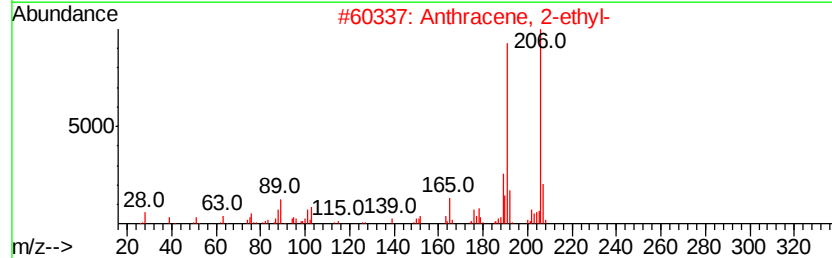
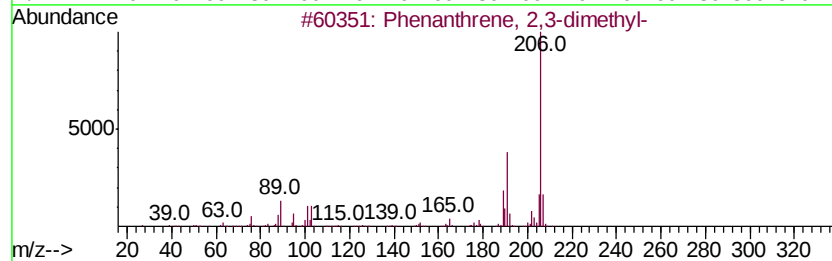
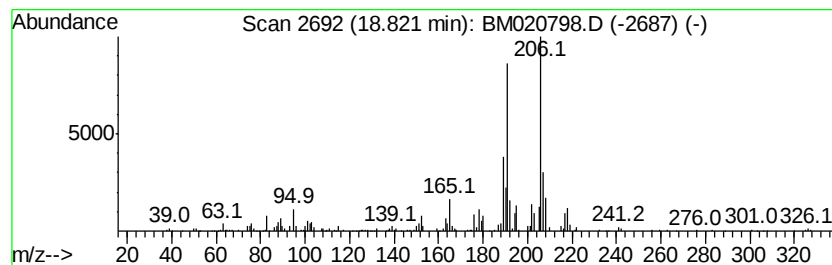
Instrument :
BNA_M
ClientSampleId :
C0AC5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 Phenanthrene, 2,3-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.82	2.48 ng/ul	651097	Phenanthrene-d10		17.20	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
2		Anthracene, 2-ethyl-	206	C16H14	052251-71-5	90
3		Anthracene, 2-ethyl-	206	C16H14	052251-71-5	89
4		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
5		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020798.D
Acq On : 07 Jun 2019 11:28
Operator : HP/JU
Sample : K3201-14DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5DL

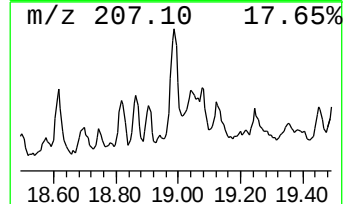
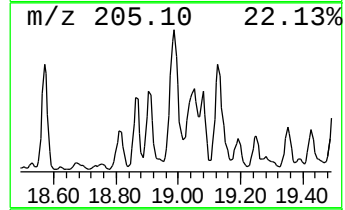
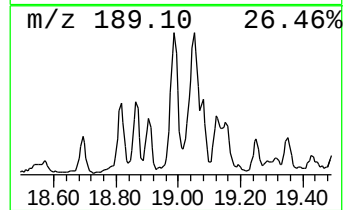
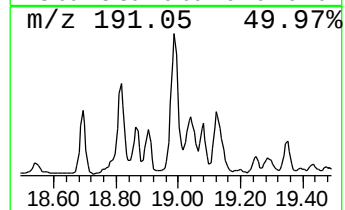
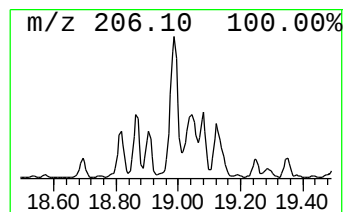
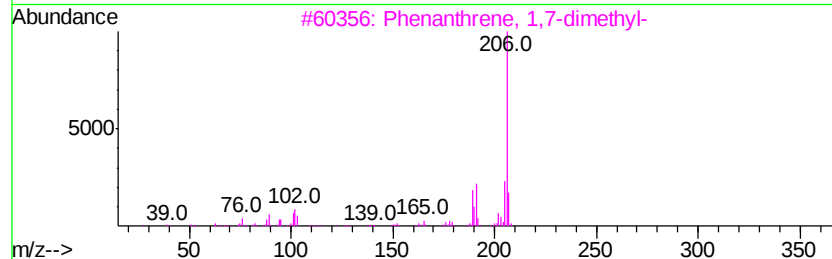
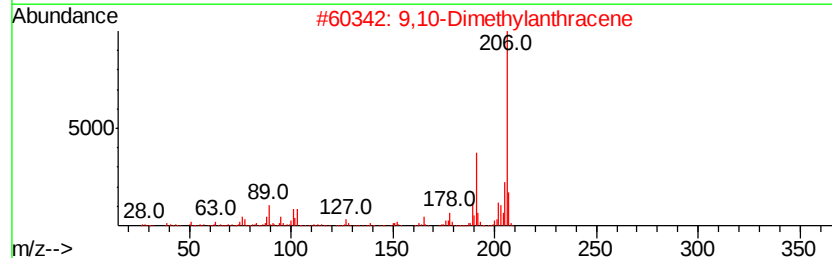
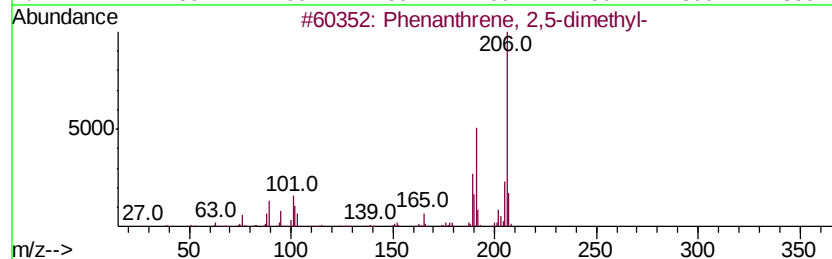
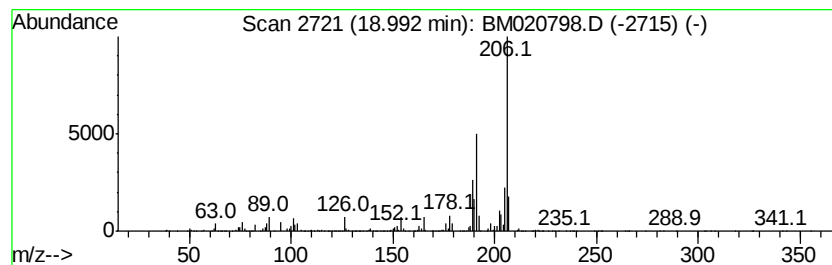
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	6.95 ng/ul	1826540	Phenanthrene-d10	17.20

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, 1,7-dimethyl-	206	C16H14	000483-87-4	91
4			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020798.D
Acq On : 07 Jun 2019 11:28
Operator : HP/JU
Sample : K3201-14DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5DL

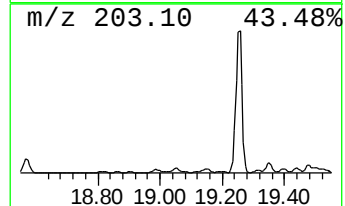
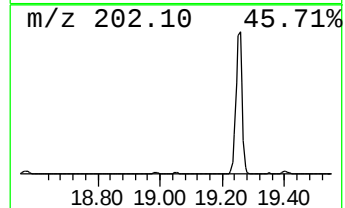
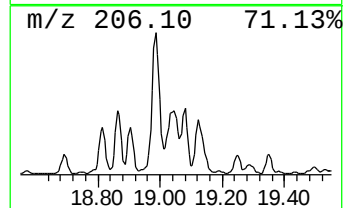
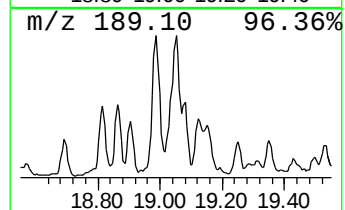
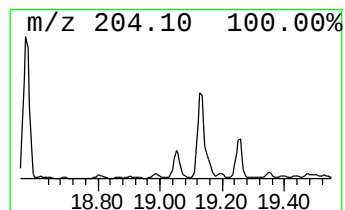
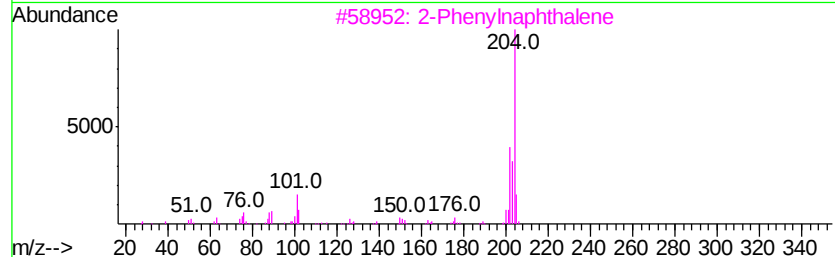
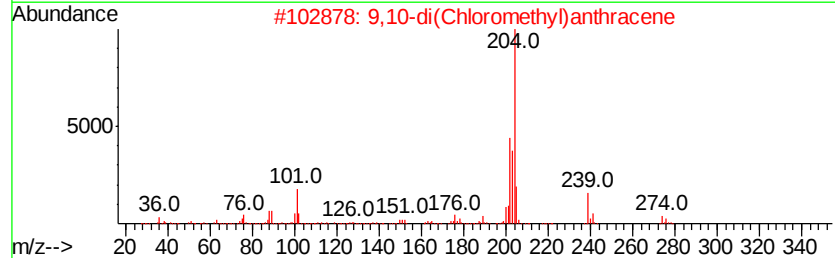
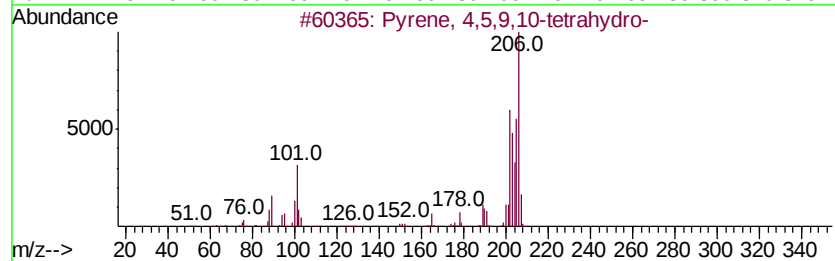
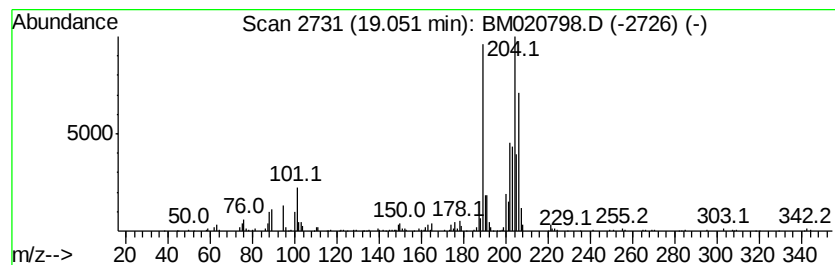
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 Pyrene, 4,5,9,10-tetrahydro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.05	3.92 ng/ul	1029800	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	60
2		9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	46
3		2-Phenylanthracene	204	C16H12	035465-71-5	38
4		Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	38
5		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020798.D
Acq On : 07 Jun 2019 11:28
Operator : HP/JU
Sample : K3201-14DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

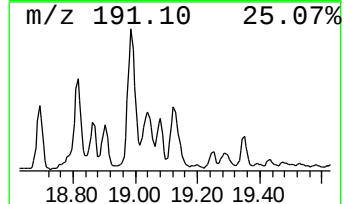
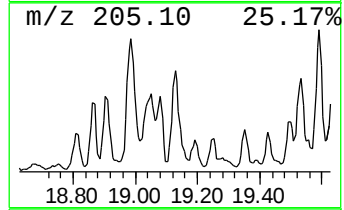
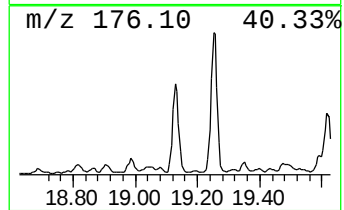
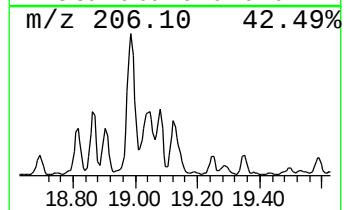
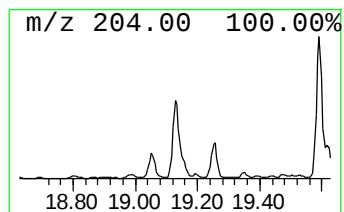
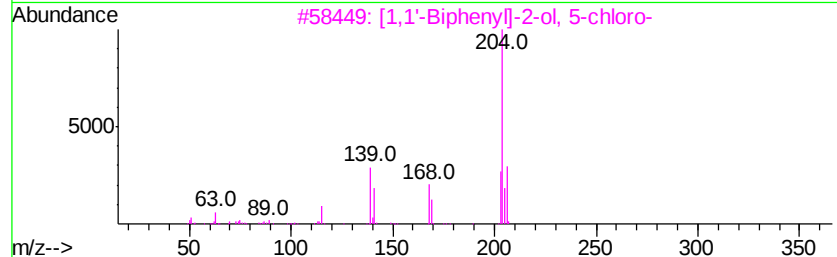
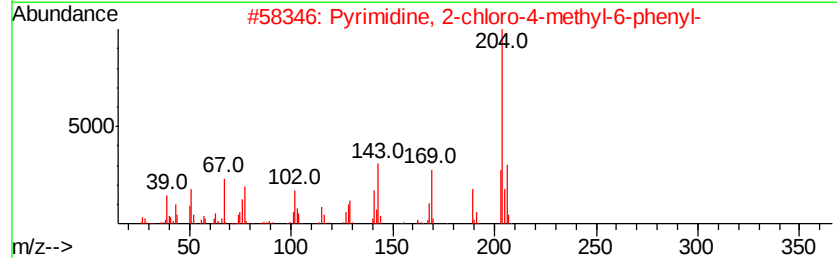
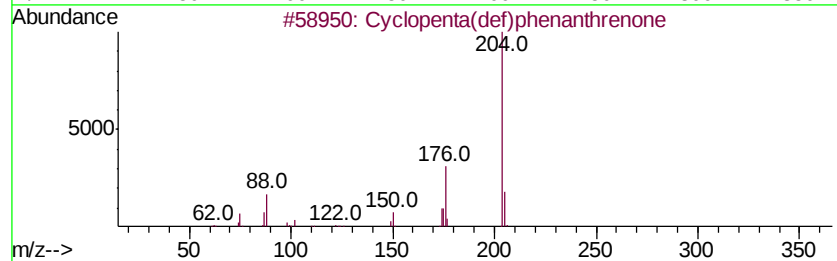
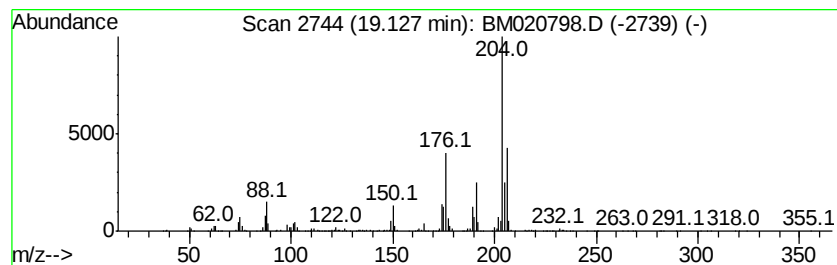
Instrument :
BNA_M
ClientSampleId :
C0AC5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.13	5.33 ng/ul	1401720	Phenanthrene-d10	17.20		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	47
3		[1,1'-Biphenvll]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46
4		[1,1'-Biphenvll]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
5		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020798.D
Acq On : 07 Jun 2019 11:28
Operator : HP/JU
Sample : K3201-14DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5DL

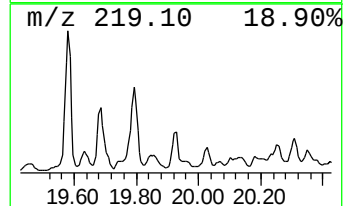
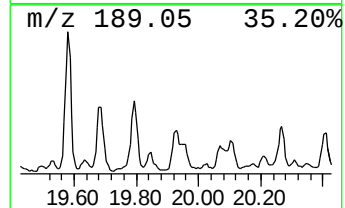
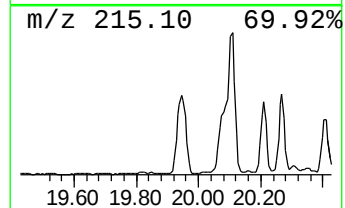
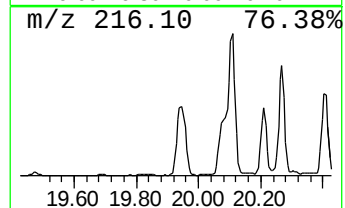
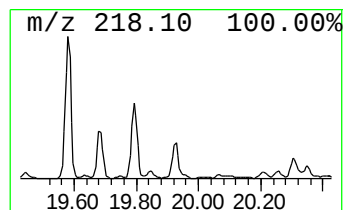
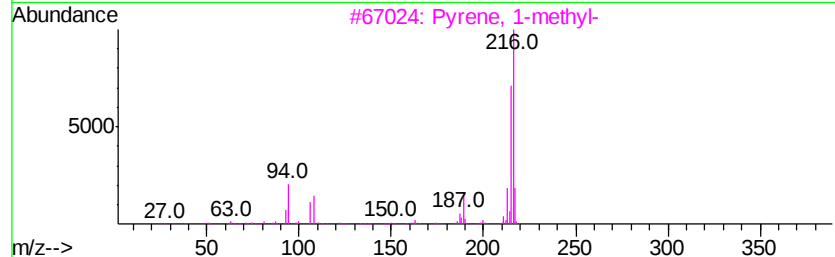
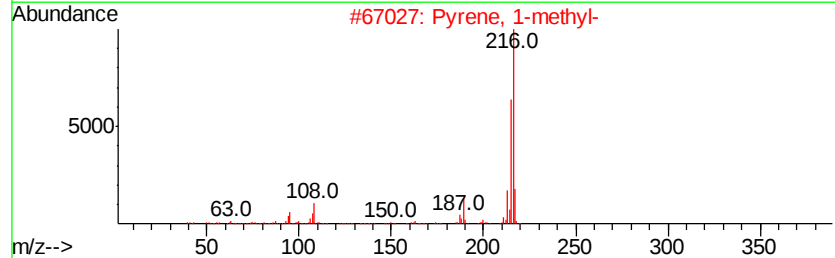
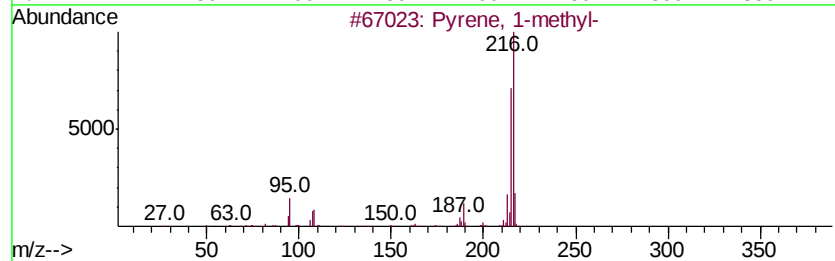
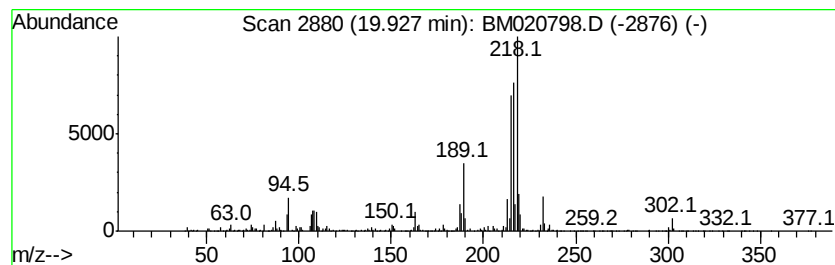
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	3.32 ng/ul	2589330	Chrysene-d12	21.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4			11H-Benzo[blfluorene	216	C17H12	000243-17-4	86
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020798.D
Acq On : 07 Jun 2019 11:28
Operator : HP/JU
Sample : K3201-14DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5DL

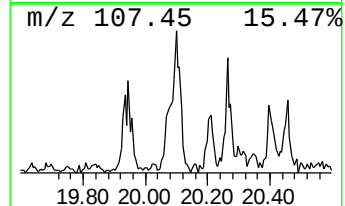
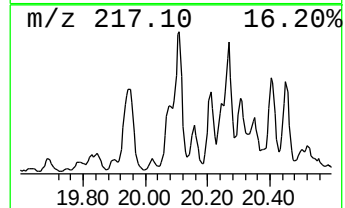
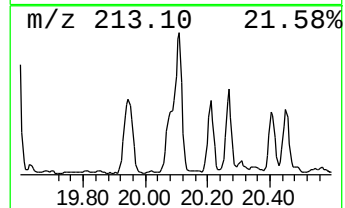
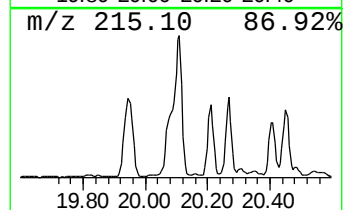
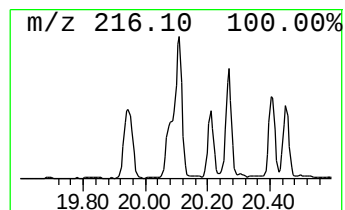
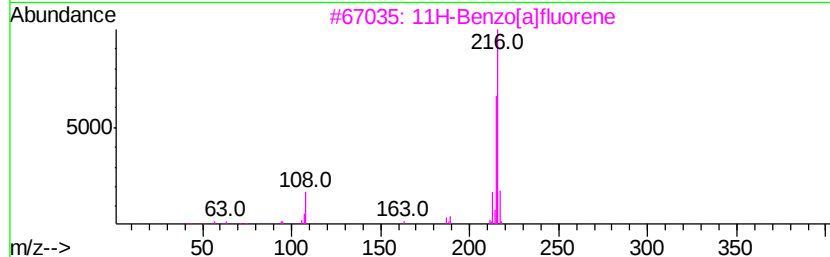
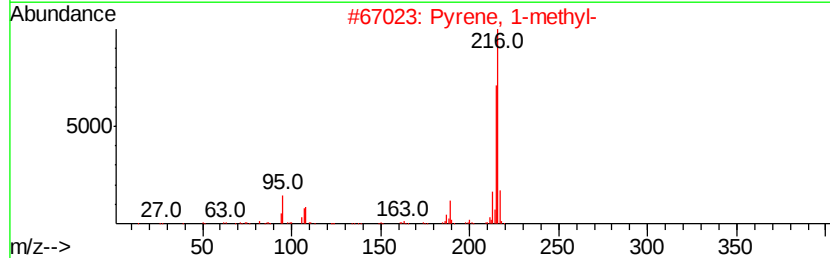
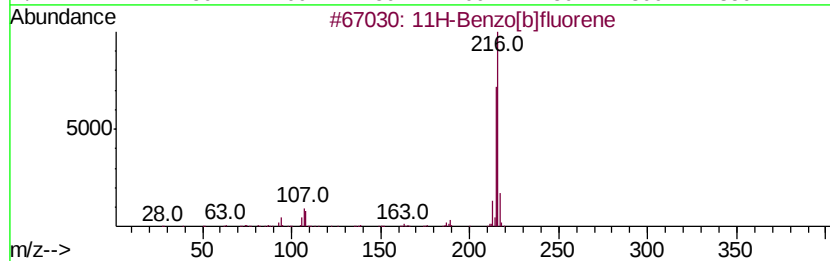
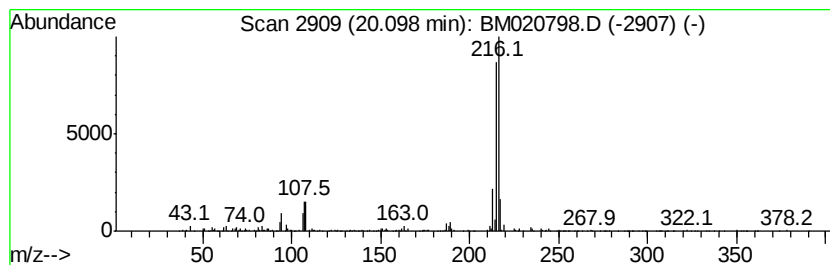
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	3.02 ng/ul	2353020	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020798.D
Acq On : 07 Jun 2019 11:28
Operator : HP/JU
Sample : K3201-14DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5DL

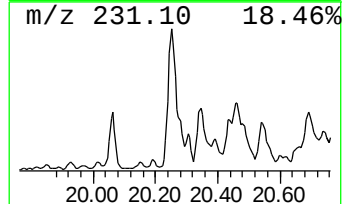
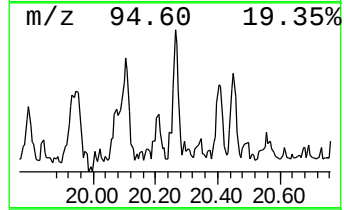
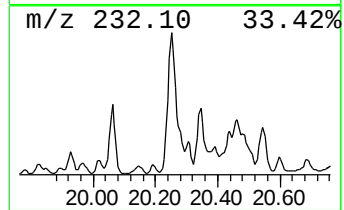
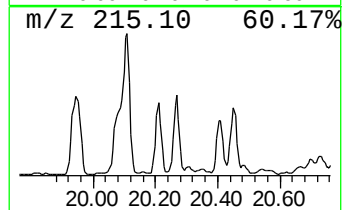
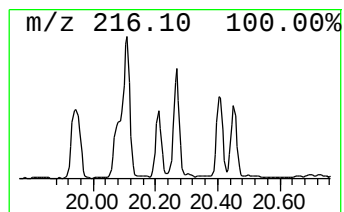
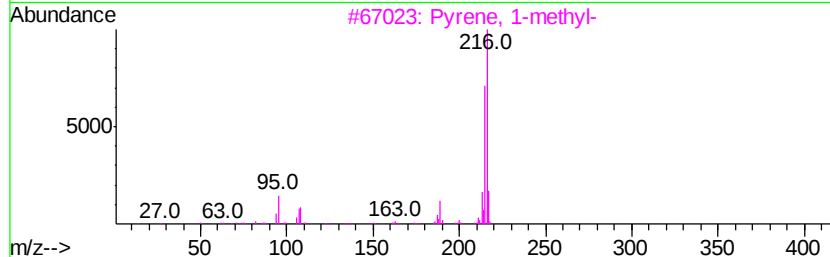
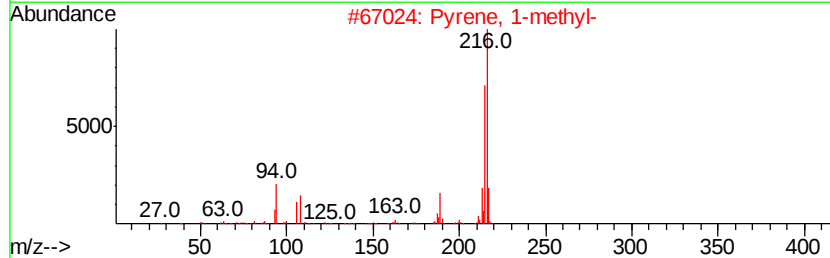
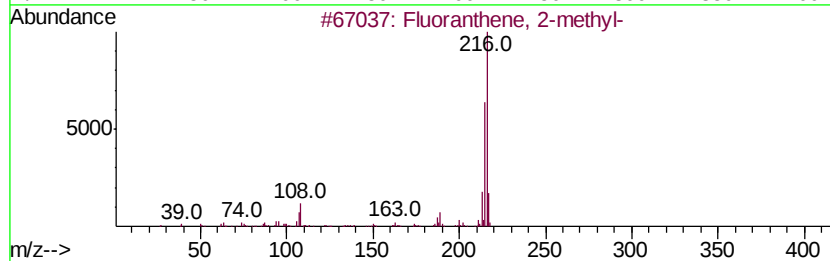
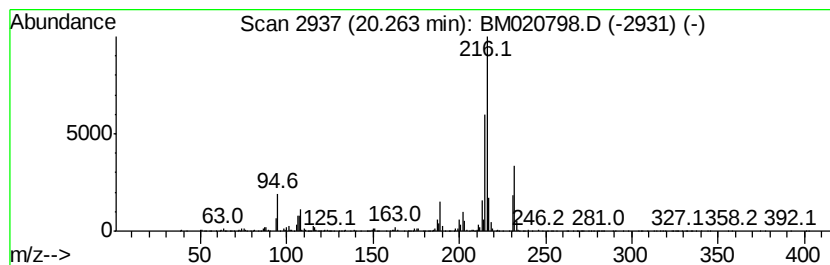
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	2.75 ng/ul	2139310	Chrysene-d12	21.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	97
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	92



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020798.D
Acq On : 07 Jun 2019 11:28
Operator : HP/JU
Sample : K3201-14DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5DL

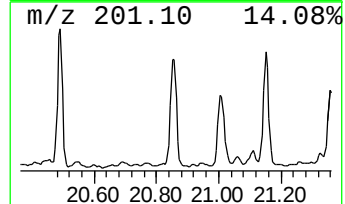
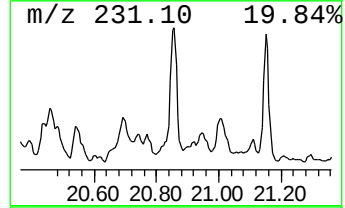
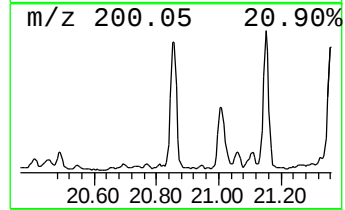
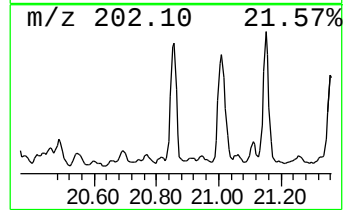
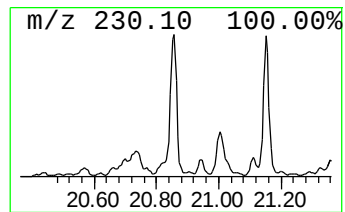
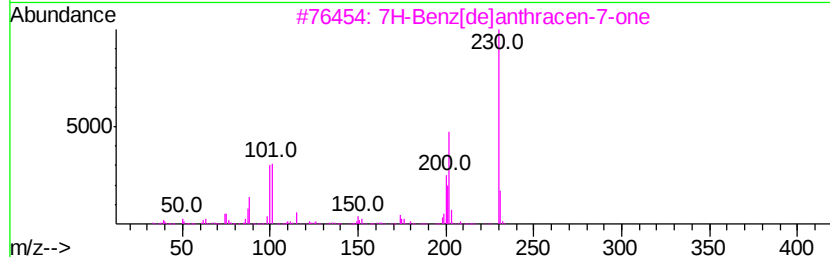
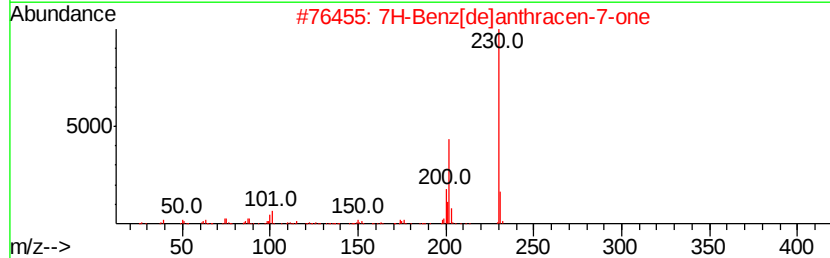
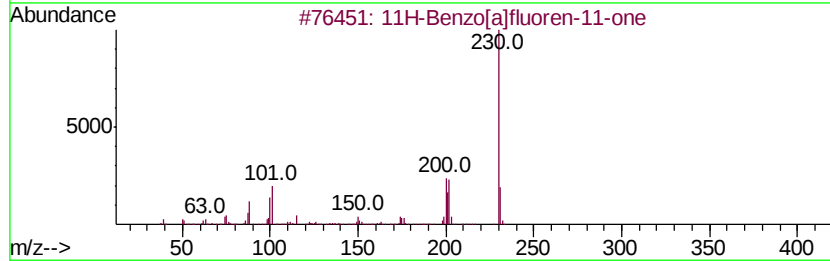
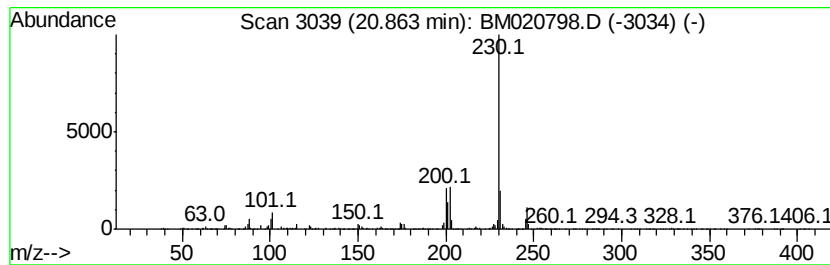
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	2.43 ng/ul	1894620	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
5		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020798.D
Acq On : 07 Jun 2019 11:28
Operator : HP/JU
Sample : K3201-14DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5DL

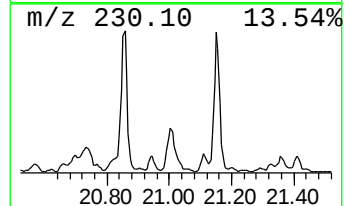
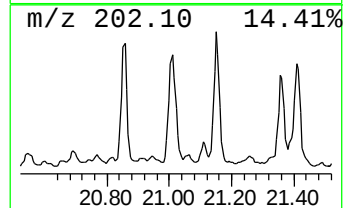
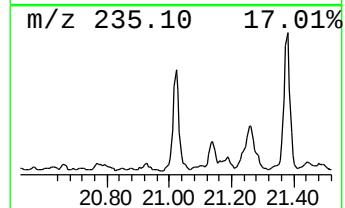
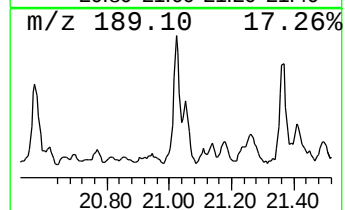
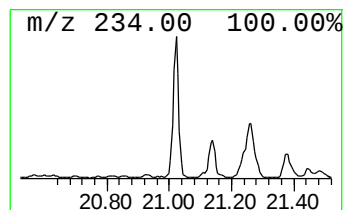
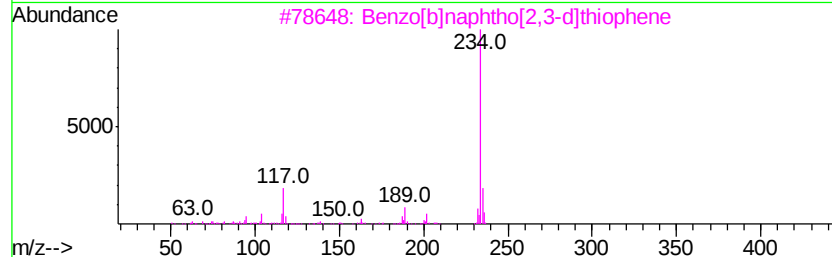
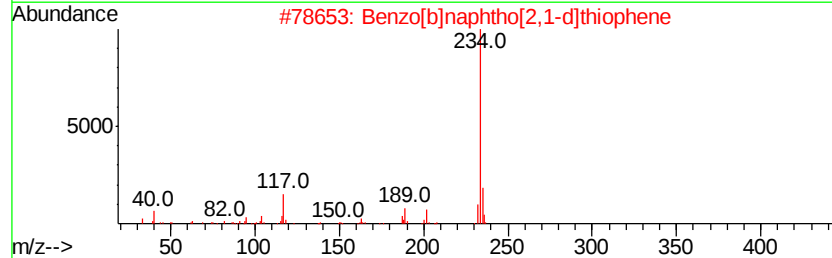
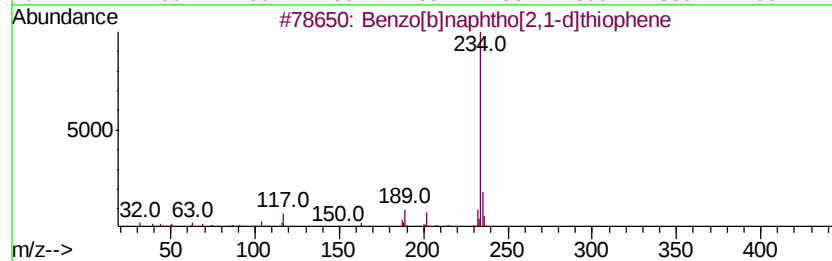
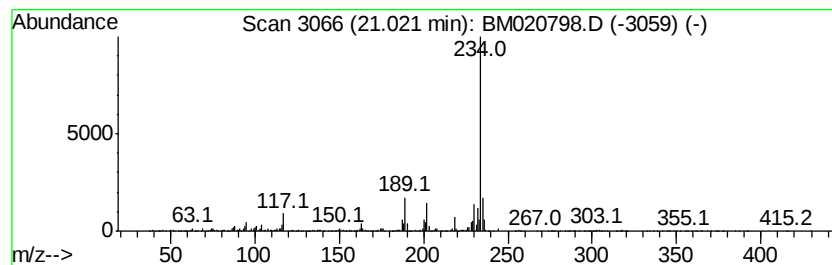
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 19 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	2.67 ng/u1	2082130	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
2		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
3		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
4		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
5		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020798.D
Acq On : 07 Jun 2019 11:28
Operator : HP/JU
Sample : K3201-14DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5DL

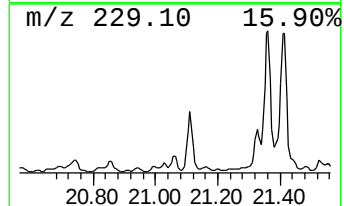
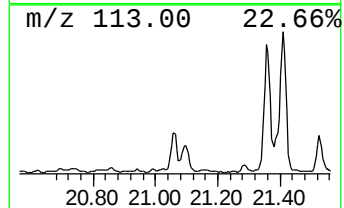
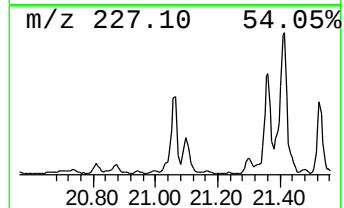
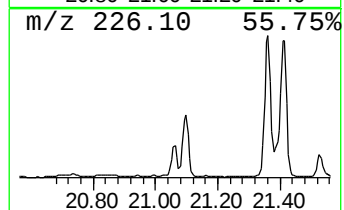
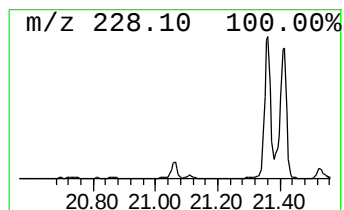
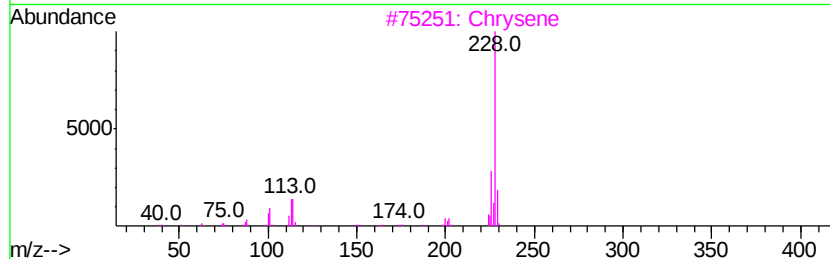
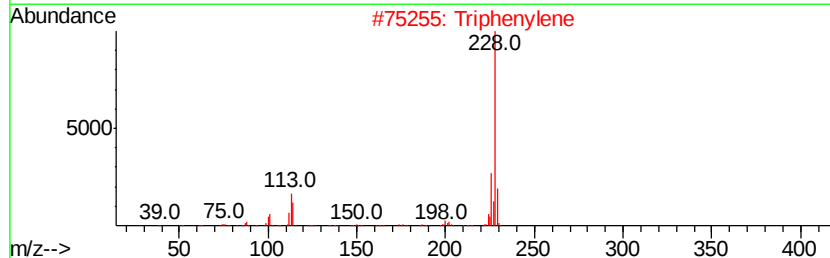
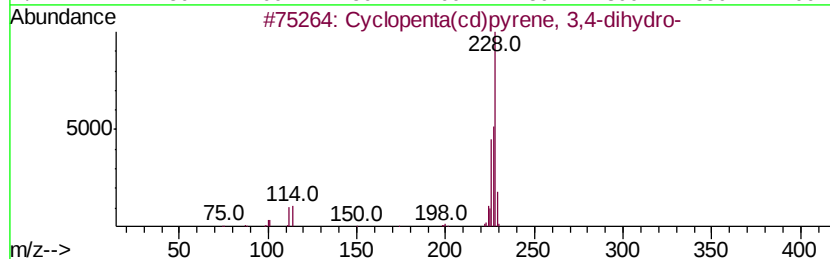
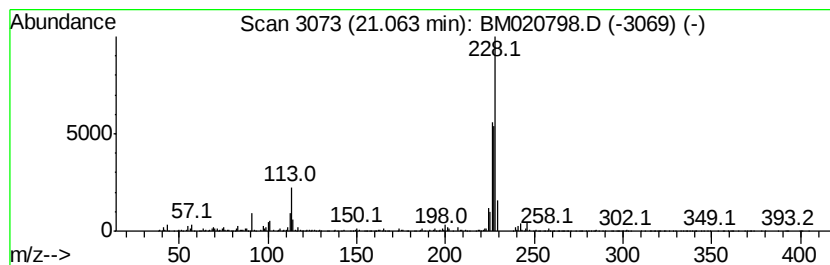
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 20 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	2.18 ng/ul	1701700	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	83
2		Triphenylene	228	C18H12	000217-59-4	46
3		Chrysene	228	C18H12	000218-01-9	43
4		2-Nitrophenyl selenocyanate	228	C7H4N2O2Se	051694-22-5	43
5		Purine-6(1H)-thione, 3,7-dimethy...	228	C7H8N4Se	023663-58-3	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020798.D
Acq On : 07 Jun 2019 11:28
Operator : HP/JU
Sample : K3201-14DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5DL

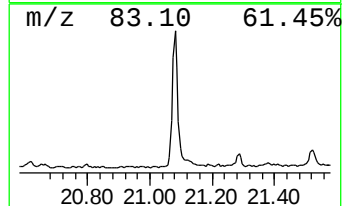
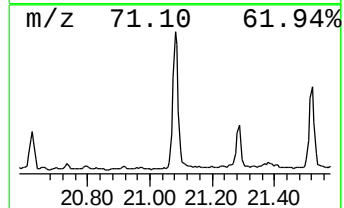
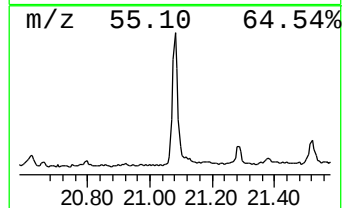
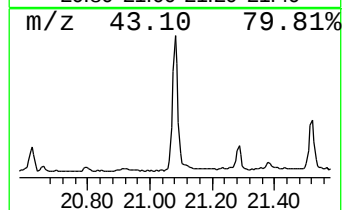
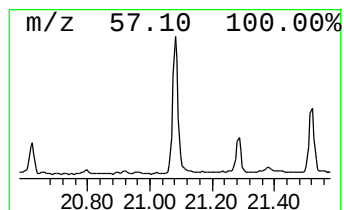
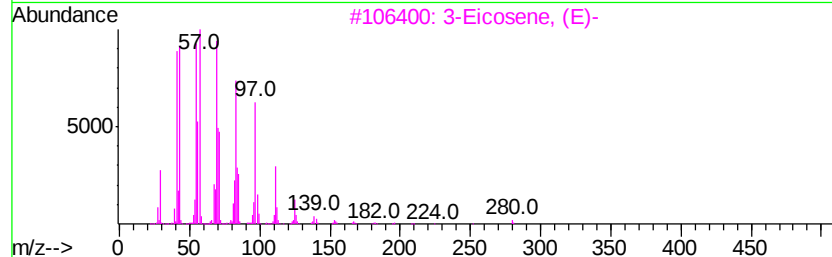
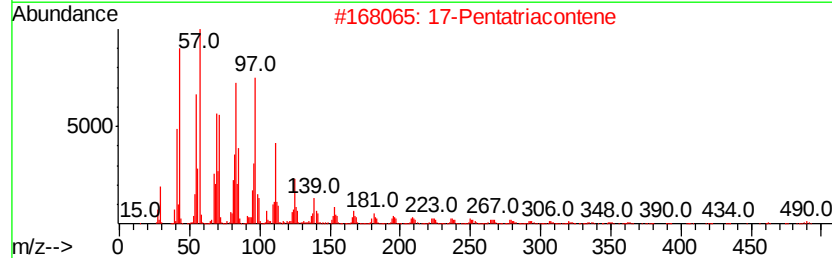
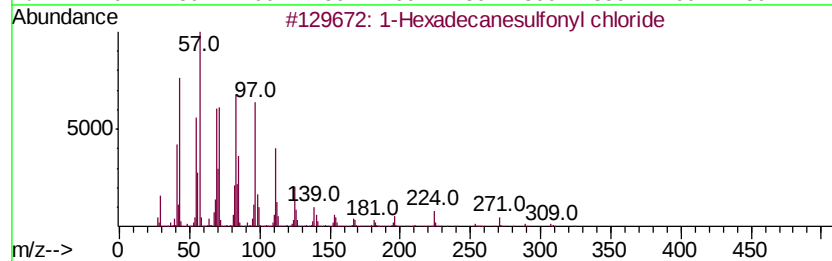
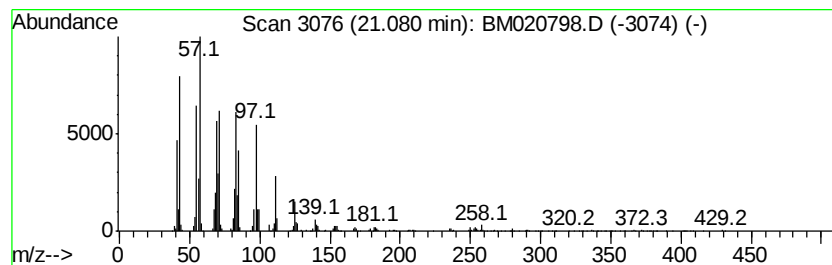
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 21 1-Hexadecanesulfonyl chloride Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	4.61 ng/ul	3592470	Chrysene-d12	21.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
2			17-Pentatriacontene	491	C35H70	006971-40-0	90
3			3-Eicosene, (E)-	280	C20H40	074685-33-9	87
4			13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	86
5			Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020798.D
Acq On : 07 Jun 2019 11:28
Operator : HP/JU
Sample : K3201-14DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5DL

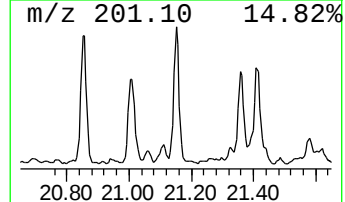
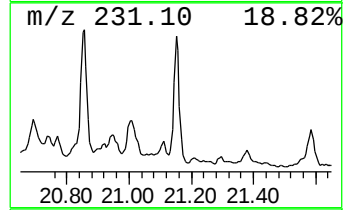
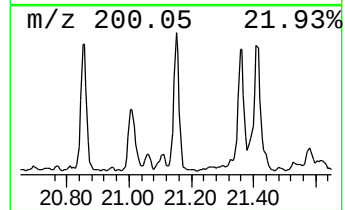
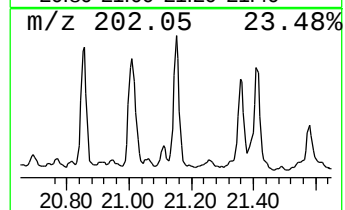
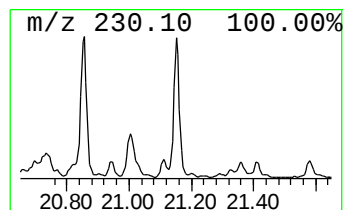
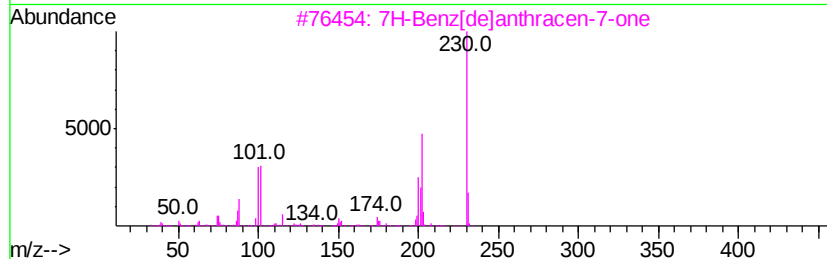
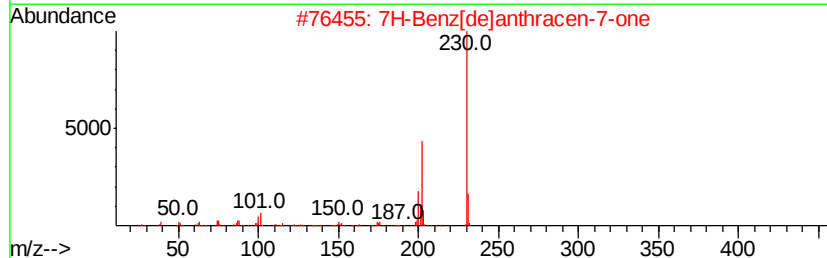
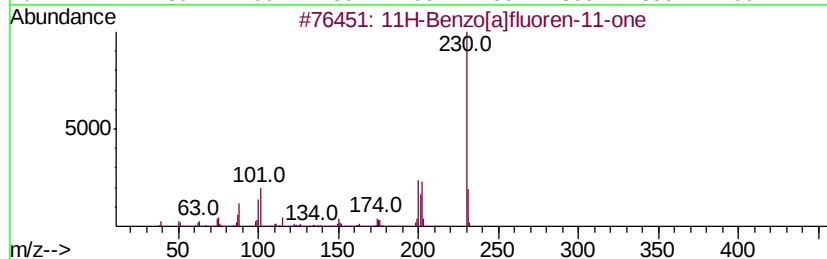
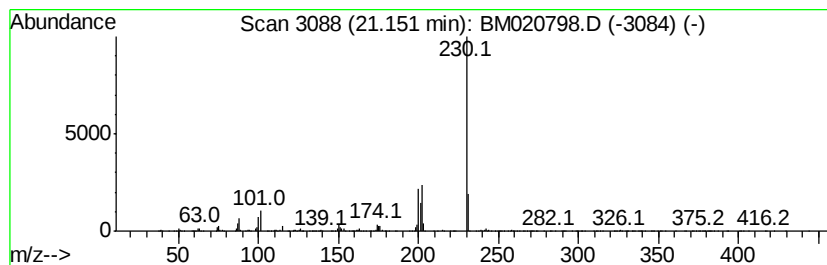
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 22 7H-Benz[de]anthracen-7-one Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.15	2.81 ng/ul	2192540	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5		1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020798.D
Acq On : 07 Jun 2019 11:28
Operator : HP/JU
Sample : K3201-14DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5DL

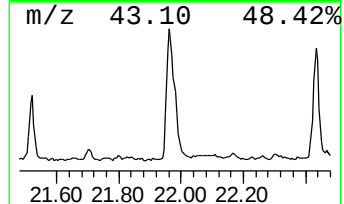
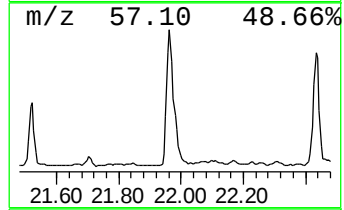
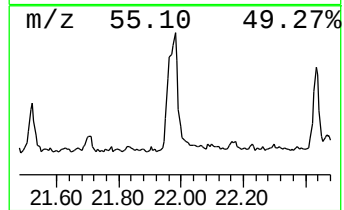
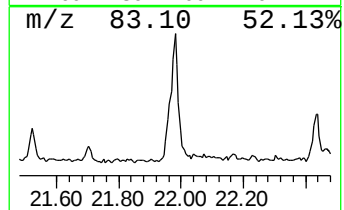
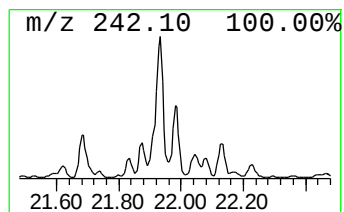
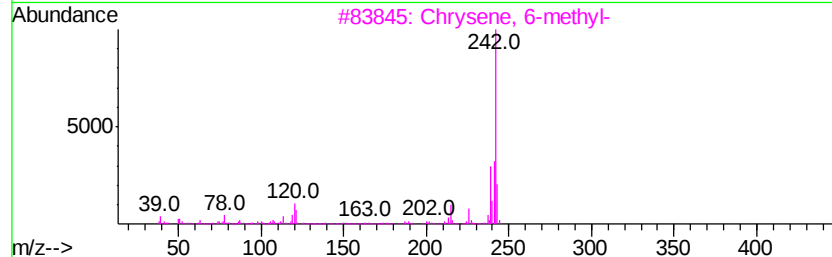
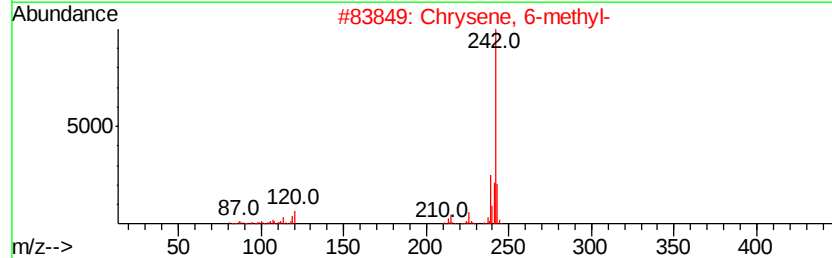
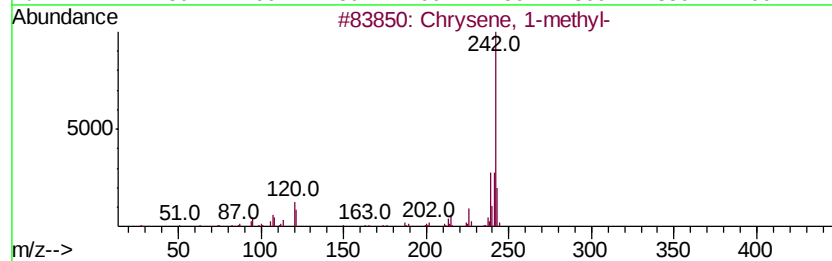
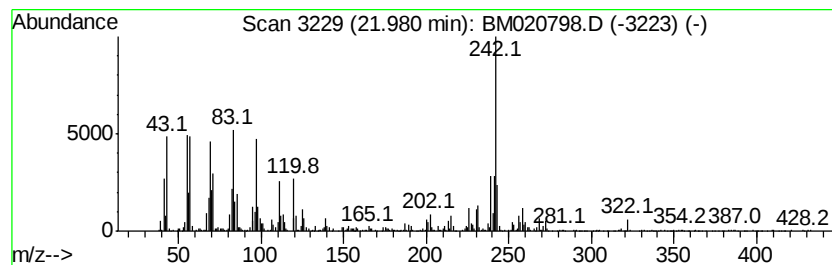
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 23 Chrysene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.98	3.47 ng/ul	2704090	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	86
2		Chrysene, 6-methyl-	242	C19H14	001705-85-7	83
3		Chrysene, 6-methyl-	242	C19H14	003697-24-3	83
4		Benzo[c]phenanthrene, 6-methyl-	242	C19H14	002381-34-2	66
5		Benzo[c]phenanthrene, 5-methyl-	242	C19H14	000652-04-0	66



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020798.D
Acq On : 07 Jun 2019 11:28
Operator : HP/JU
Sample : K3201-14DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5DL

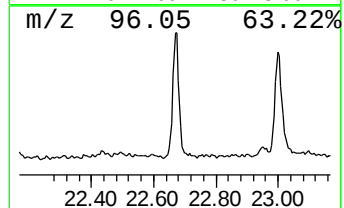
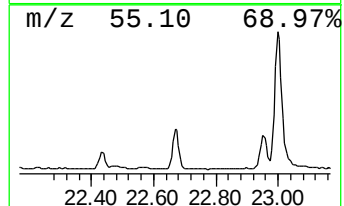
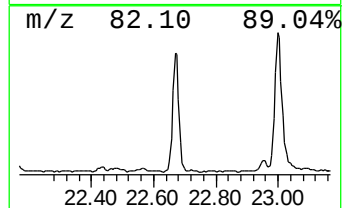
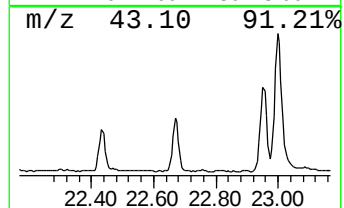
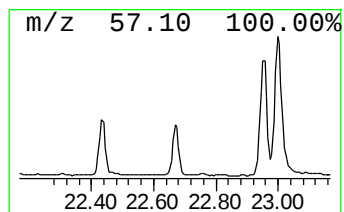
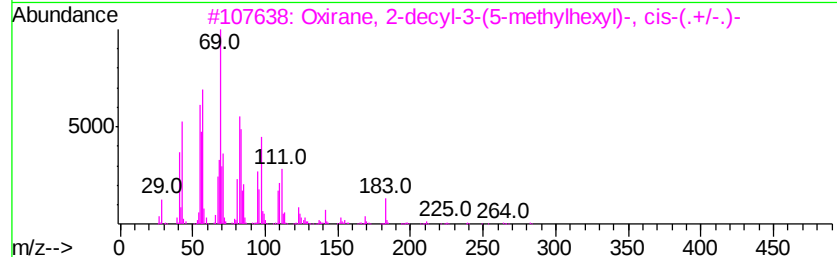
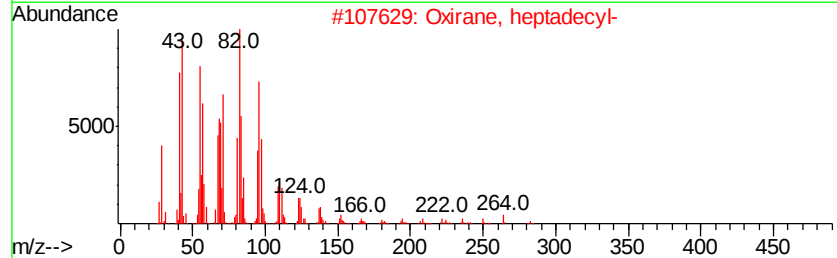
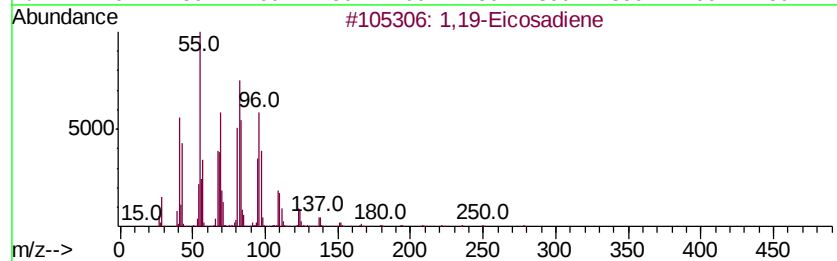
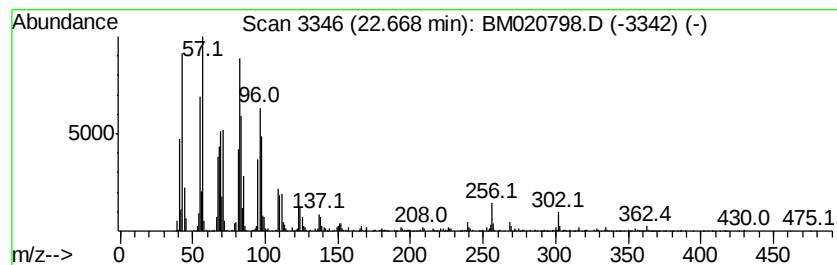
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 24 1,19-Eicosadiene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	7.77 ng/ul	2137360	Perylene-d12	23.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,19-Eicosadiene	278	C20H38	014811-95-1	95
2		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	94
3		Oxirane, 2-decyl-3-(5-methylhexyl)-	282	C19H38O	057457-72-4	93
4		Octadecanal	268	C18H36O	000638-66-4	90
5		Octadecanal	268	C18H36O	000638-66-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020798.D
Acq On : 07 Jun 2019 11:28
Operator : HP/JU
Sample : K3201-14DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5DL

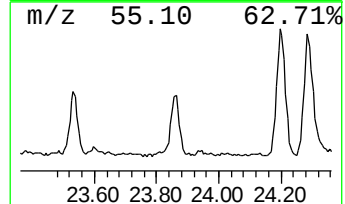
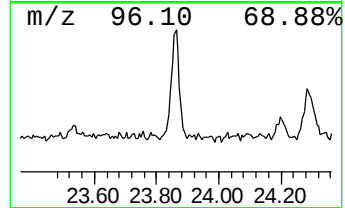
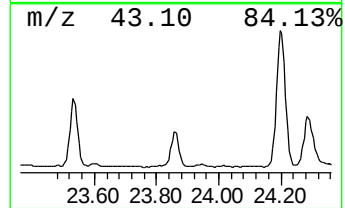
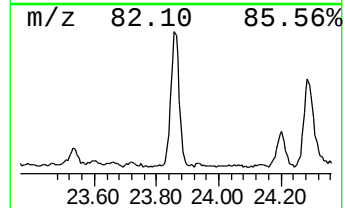
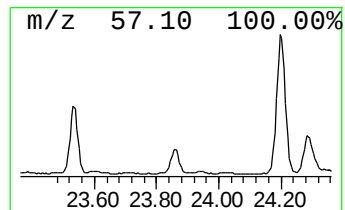
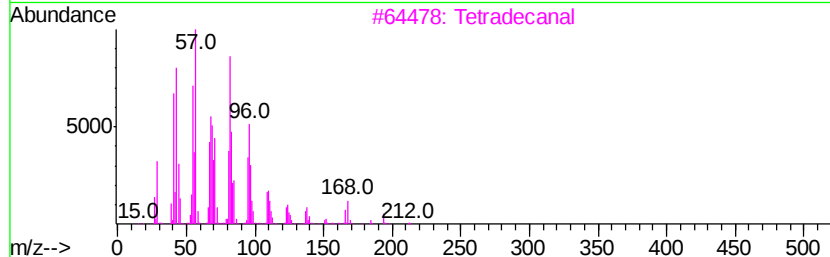
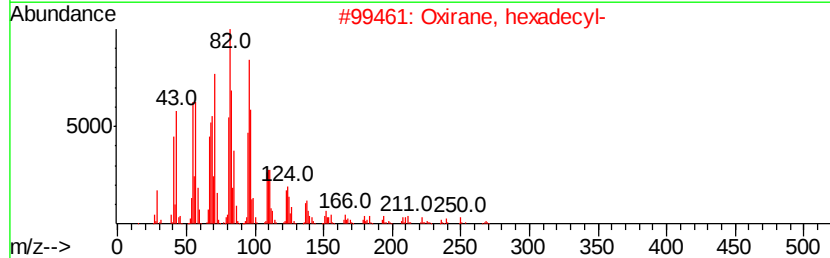
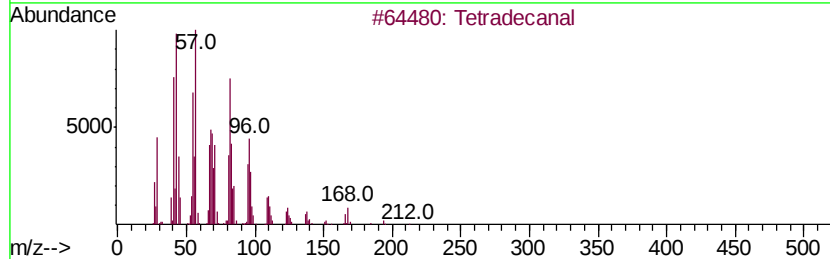
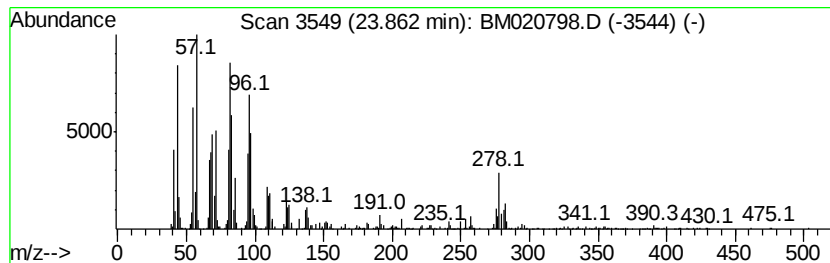
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 27 Tetradeanal Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	3.71 ng/ul	1020600	Perylene-d12	23.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradeanal	212	C14H28O	000124-25-4	90
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
3		Tetradeanal	212	C14H28O	000124-25-4	86
4		Z-10-Octadecen-1-ol acetate	310	C20H38O2	1000131-07-2	83
5		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020798.D
Acq On : 07 Jun 2019 11:28
Operator : HP/JU
Sample : K3201-14DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5DL

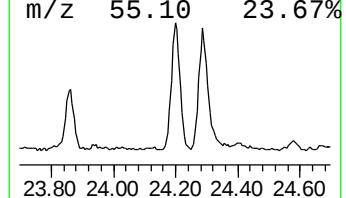
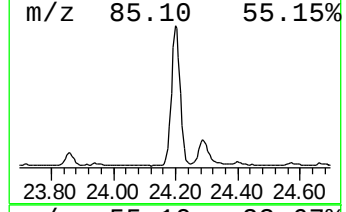
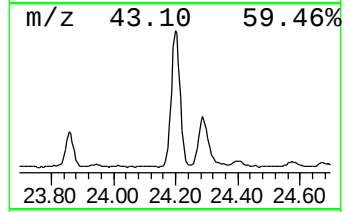
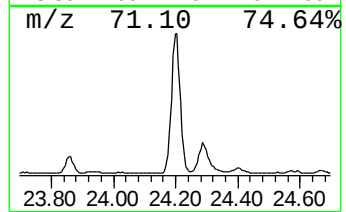
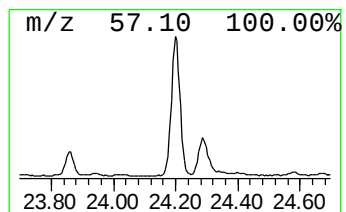
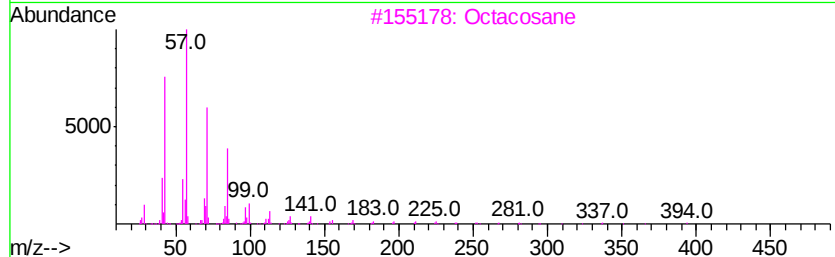
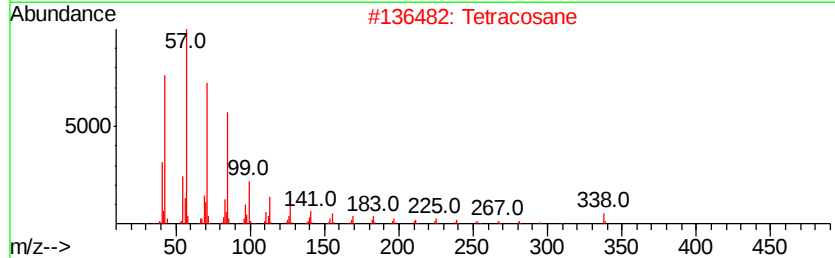
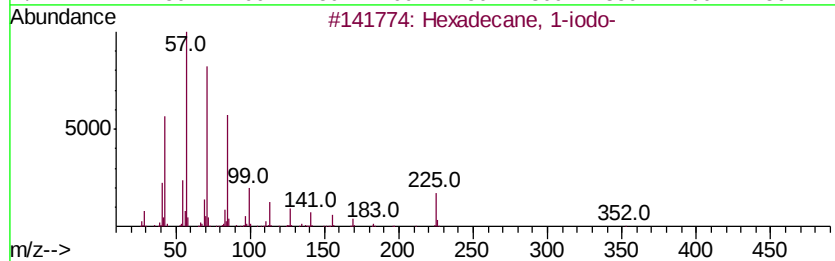
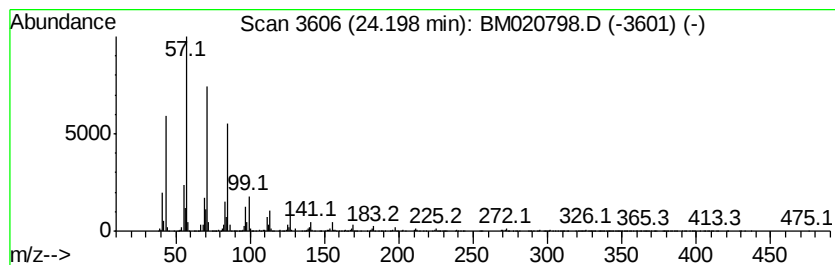
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 28 Hexadecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.20	12.20 ng/ul	3353260	Perylene-d12	23.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	96
2		Tetracosane	338	C24H50	000646-31-1	95
3		Octacosane	394	C28H58	000630-02-4	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020798.D
Acq On : 07 Jun 2019 11:28
Operator : HP/JU
Sample : K3201-14DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5DL

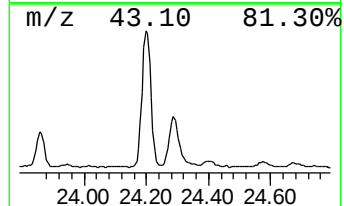
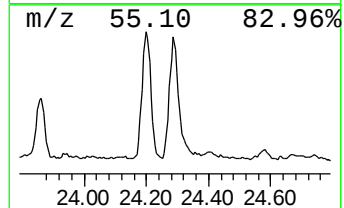
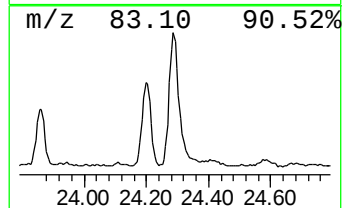
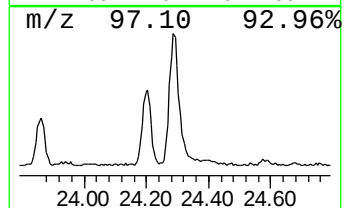
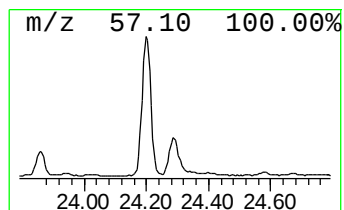
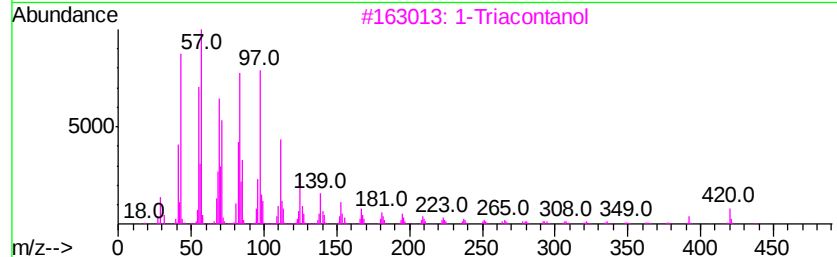
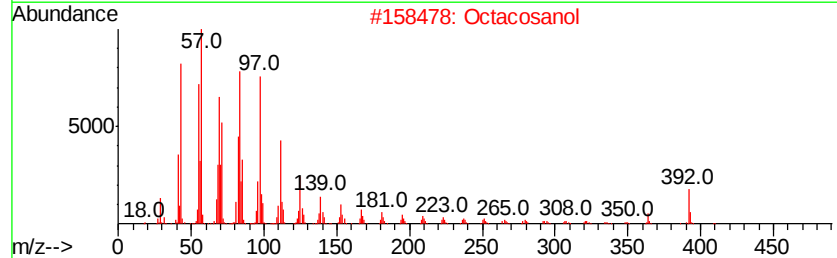
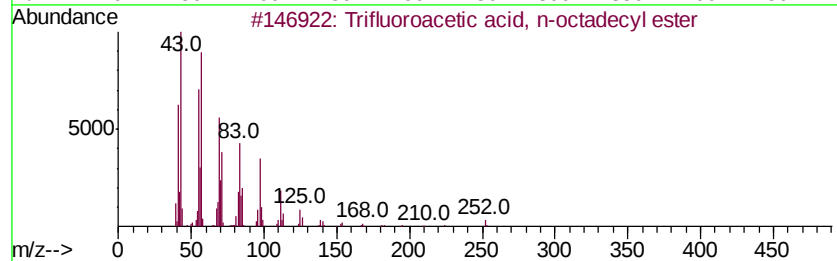
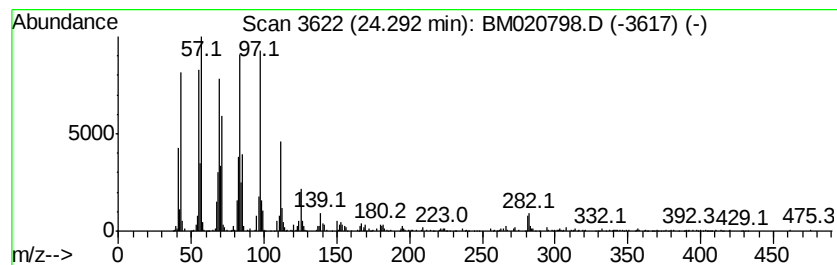
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 29 Trifluoroacetic acid, n-oct... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.29	5.48 ng/ul	1507960	Perylene-d12	23.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trifluoroacetic acid, n-octadecv...	366	C20H37F3O2	079392-43-1	91
2		Octacosanol	410	C28H58O	000557-61-9	89
3		1-Triacontanol	438	C30H62O	000593-50-0	76
4		1-Octadecanol	270	C18H38O	000112-92-5	76
5		1-Docosene	308	C22H44	001599-67-3	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020798.D
Acq On : 07 Jun 2019 11:28
Operator : HP/JU
Sample : K3201-14DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5DL

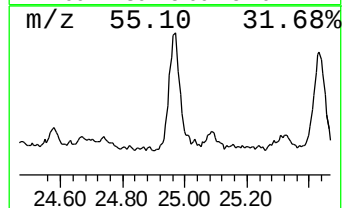
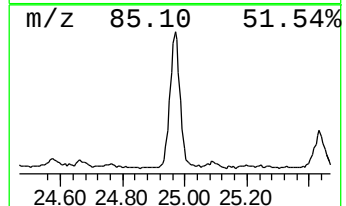
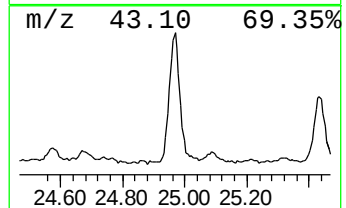
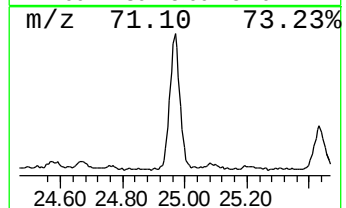
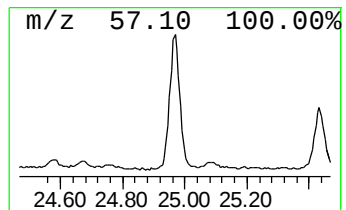
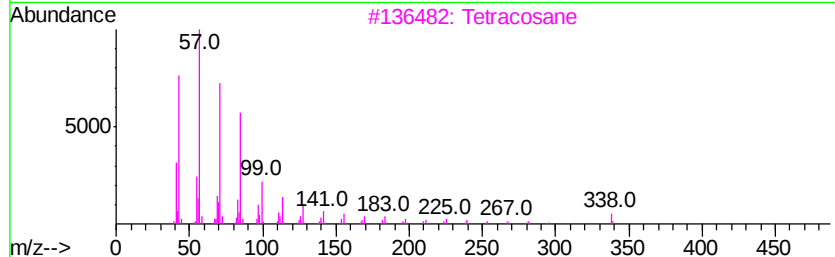
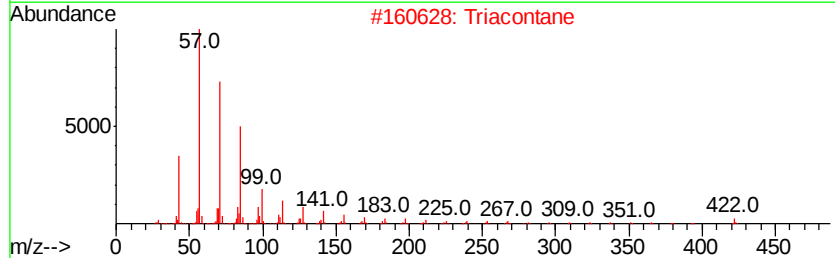
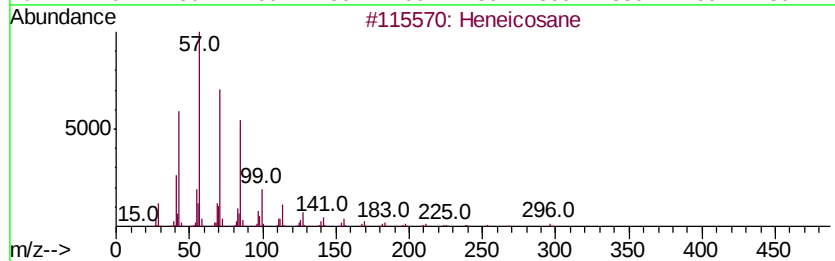
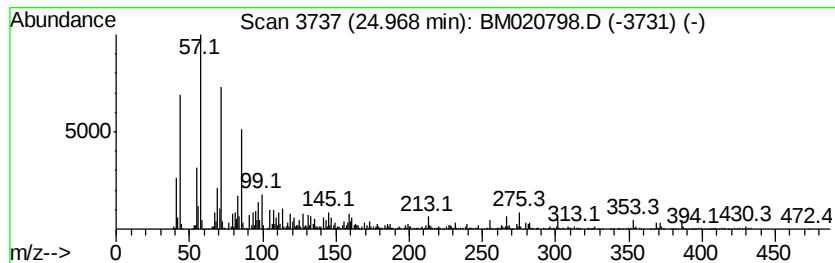
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.97	7.86 ng/ul	2162300	Perylene-d12	23.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	97
2			Triacotane	422	C30H62	000638-68-6	96
3			Tetracosane	338	C24H50	000646-31-1	93
4			Eicosane	282	C20H42	000112-95-8	93
5			Octadecane	254	C18H38	000593-45-3	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060719\
Data File : BM020798.D
Acq On : 07 Jun 2019 11:28
Operator : HP/JU
Sample : K3201-14DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC5DL

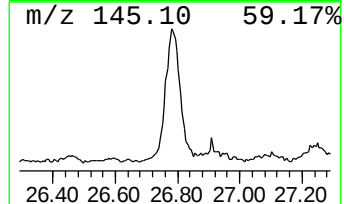
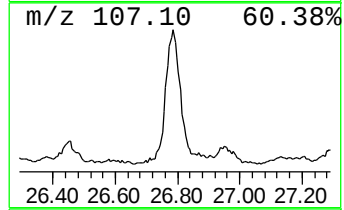
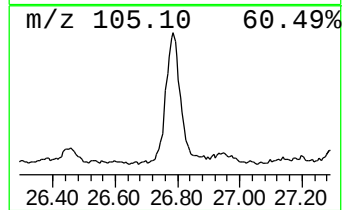
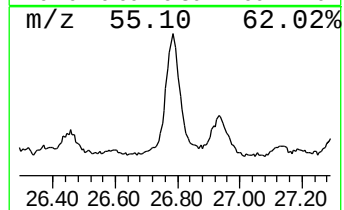
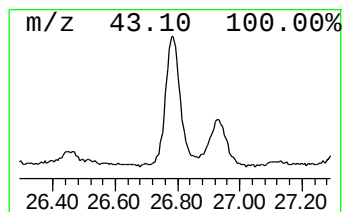
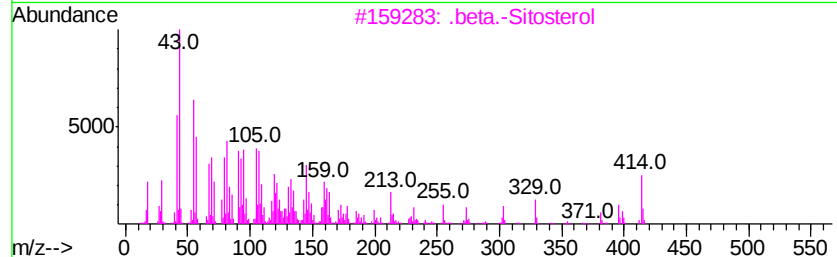
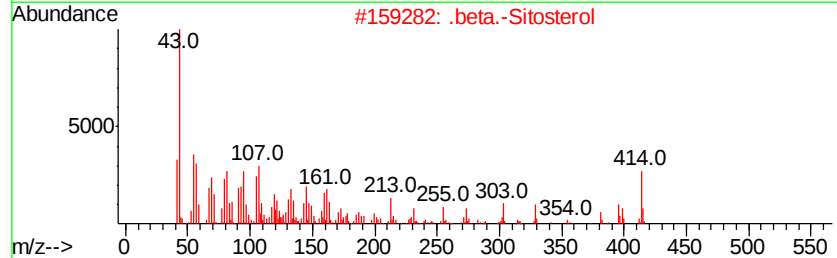
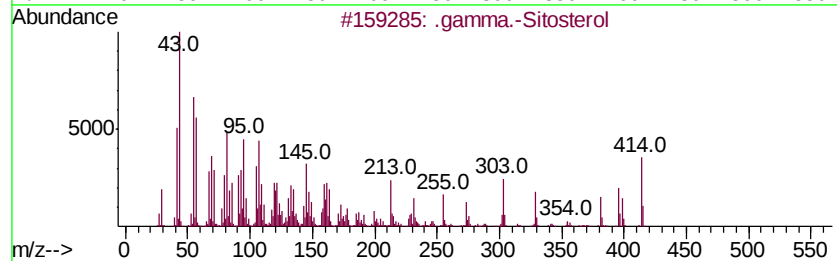
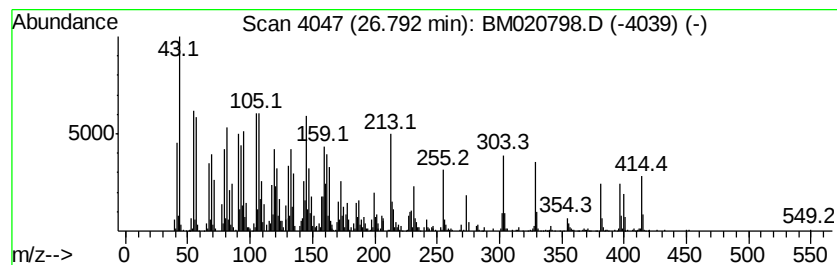
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 31 .gamma.-Sitosterol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.79	14.36 ng/ul	3949090	Perylene-d12	23.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	92
3		.beta.-Sitosterol	414	C29H50O	000083-46-5	70
4		5-Cholestene-3-ol, 24-methyl-	400	C28H48O	1000214-17-4	53
5		Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060719\
 Data File : BM020798.D
 Acq On : 07 Jun 2019 11:28
 Operator : HP/JU
 Sample : K3201-14DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC5DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.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
Butane, 2-methoxy...	3.05	67.3	ng/ul	8168530	1	7.81	2428040	20.0
9H-Fluoren-9-one	16.85	2.4	ng/ul	629622	4	17.20	5257800	20.0
Dibenzothiophene	17.02	2.1	ng/ul	555929	4	17.20	5257800	20.0
n-Hexadecanoic acid	18.09	14.8	ng/ul	3886750	4	17.20	5257800	20.0
Phenanthrene, 2-m...	18.12	10.0	ng/ul	2618700	4	17.20	5257800	20.0
Anthracene, 2-met...	18.20	3.2	ng/ul	829800	4	17.20	5257800	20.0
4H-Cyclopenta[def...	18.26	11.7	ng/ul	3062120	4	17.20	5257800	20.0
Phenanthrene, 4-m...	18.30	4.4	ng/ul	1155840	4	17.20	5257800	20.0
2-Phenylanthracene	18.57	4.6	ng/ul	1209040	4	17.20	5257800	20.0
9,10-Anthracenedione	18.61	4.3	ng/ul	1126040	4	17.20	5257800	20.0
Phenanthrene, 2,3...	18.82	2.5	ng/ul	651097	4	17.20	5257800	20.0
Phenanthrene, 2,5...	18.99	7.0	ng/ul	1826540	4	17.20	5257800	20.0
Pyrene, 4,5,9,10-...	19.05	3.9	ng/ul	1029800	4	17.20	5257800	20.0
Cyclopenta(def)ph...	19.13	5.3	ng/ul	1401720	4	17.20	5257800	20.0
Pyrene, 1-methyl-	19.93	3.3	ng/ul	2589330	5	21.37	15582700	20.0
11H-Benzo[b]fluorene	20.10	3.0	ng/ul	2353020	5	21.37	15582700	20.0
Fluoranthene, 2-m...	20.26	2.8	ng/ul	2139310	5	21.37	15582700	20.0
11H-Benzo[a]fluor...	20.86	2.4	ng/ul	1894620	5	21.37	15582700	20.0
Benzo[b]naphtho[2...	21.02	2.7	ng/ul	2082130	5	21.37	15582700	20.0
Cyclopenta(cd)pyr...	21.06	2.2	ng/ul	1701700	5	21.37	15582700	20.0
1-Hexadecanesulfo...	21.08	4.6	ng/ul	3592470	5	21.37	15582700	20.0
7H-Benz[de]anthra...	21.15	2.8	ng/ul	2192540	5	21.37	15582700	20.0
Chrysene, 1-methyl-	21.98	3.5	ng/ul	2704090	5	21.37	15582700	20.0
1,19-Eicosadiene	22.67	7.8	ng/ul	2137360	6	23.66	5498630	20.0
Tetradecanal	23.86	3.7	ng/ul	1020600	6	23.66	5498630	20.0
Hexadecane, 1-iodo-	24.20	12.2	ng/ul	3353260	6	23.66	5498630	20.0
Trifluoroacetic a...	24.29	5.5	ng/ul	1507960	6	23.66	5498630	20.0
(DEL) Alkane: Str...	24.97	7.9	ng/ul	2162300	6	23.66	5498630	20.0
.gamma.-Sitosterol	26.79	14.4	ng/ul	3949090	6	23.66	5498630	20.0