

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
 Data File : BN005442.D
 Acq On : 03 May 2019 07:05
 Operator : JU/SJ
 Sample : K2603-04 20X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ56

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_N\METHODS\SOM-EPA-BN041919MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.775	639	644	653	rBV2	66534	114693	1.32%	0.131%
2	7.134	699	705	714	rVB	72286	123244	1.42%	0.140%
3	7.593	775	783	793	rBV	1042803	1714118	19.78%	1.954%
4	8.299	897	903	916	rBV2	74485	144768	1.67%	0.165%
5	8.740	971	978	989	rBV2	62114	123288	1.42%	0.141%
6	9.999	1186	1192	1200	rBV2	52948	120419	1.39%	0.137%
7	10.352	1244	1252	1259	rBV	1498094	2538580	29.29%	2.894%
8	10.510	1271	1279	1291	rBV2	44422	115031	1.33%	0.131%
9	13.063	1705	1713	1722	rVV	59108	110273	1.27%	0.126%
10	13.545	1788	1795	1800	rBV	62038	112285	1.30%	0.128%
11	13.640	1807	1811	1815	rVV	163745	261814	3.02%	0.298%
12	13.681	1815	1818	1823	rVV3	120723	208989	2.41%	0.238%
13	13.910	1851	1857	1858	rBV	199476	245025	2.83%	0.279%
14	13.940	1858	1862	1872	rVB	551286	938699	10.83%	1.070%
15	14.222	1902	1910	1918	rBV2	2113495	3375234	38.95%	3.847%
16	14.840	2008	2015	2021	rBV4	70945	161289	1.86%	0.184%
17	15.104	2055	2060	2066	rVB	170589	223499	2.58%	0.255%
18	15.222	2076	2080	2085	rVV	296182	434433	5.01%	0.495%
19	15.281	2085	2090	2102	rVB	114723	240274	2.77%	0.274%
20	15.969	2201	2207	2210	rBV3	154983	242556	2.80%	0.276%
21	16.287	2255	2261	2267	rVV5	75343	209679	2.42%	0.239%
22	16.339	2267	2270	2274	rVV3	69712	113015	1.30%	0.129%
23	16.563	2303	2308	2312	rVB4	64436	106229	1.23%	0.121%
24	16.763	2338	2342	2345	rVV	107111	128500	1.48%	0.146%
25	16.804	2345	2349	2361	rVB3	65455	169561	1.96%	0.193%
26	16.981	2372	2379	2383	rBV	2592278	3803489	43.89%	4.336%
27	17.022	2383	2386	2391	rVV	713668	1002203	11.56%	1.142%
28	17.075	2391	2395	2398	rVV2	269296	431693	4.98%	0.492%
29	17.110	2398	2401	2408	rVV	490660	721247	8.32%	0.822%
30	17.169	2408	2411	2418	rVV3	73115	152903	1.76%	0.174%
31	17.504	2464	2468	2472	rVB	255404	310596	3.58%	0.354%
32	17.563	2474	2478	2485	rVB2	112065	175219	2.02%	0.200%
33	17.675	2493	2497	2500	rBV2	79985	123881	1.43%	0.141%
34	17.857	2524	2528	2532	rVV	341190	481953	5.56%	0.549%

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
 Data File : BN005442.D
 Acq On : 03 May 2019 07:05
 Operator : JU/SJ
 Sample : K2603-04 20X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ56

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_N\METHODS\SOM-EPA-BN041919MA.M
 Title : SVOA CALIBRATION

35	17.904	2532	2536	2542	rVB	453978	628332	7.25%	0.716%
36	17.986	2545	2550	2555	rBV	207086	307142	3.54%	0.350%
37	18.051	2555	2561	2565	rBV2	1018842	1730326	19.97%	1.972%
38	18.086	2565	2567	2577	rVB	333312	465337	5.37%	0.530%
39	18.198	2579	2586	2589	rBV3	78706	151623	1.75%	0.173%
40	18.263	2593	2597	2601	rVB	94862	125958	1.45%	0.144%
41	18.328	2601	2608	2609	rBV5	63760	112649	1.30%	0.128%
42	18.369	2610	2615	2619	rBV	289672	399470	4.61%	0.455%
43	18.586	2648	2652	2654	rBV3	83371	121111	1.40%	0.138%
44	18.616	2654	2657	2662	rVV	139316	209564	2.42%	0.239%
45	18.669	2662	2666	2669	rVV	176573	235707	2.72%	0.269%
46	18.710	2669	2673	2677	rVB2	128651	193619	2.23%	0.221%
47	18.786	2681	2686	2691	rBV2	618981	1006478	11.61%	1.147%
48	18.851	2691	2697	2700	rVV2	407712	733541	8.46%	0.836%
49	18.880	2700	2702	2706	rVB	252448	277800	3.21%	0.317%
50	18.933	2706	2711	2718	rBV2	424440	920697	10.62%	1.050%
51	19.051	2725	2731	2739	rBV	3291542	4454694	51.40%	5.078%
52	19.128	2740	2744	2747	rVV2	158552	230024	2.65%	0.262%
53	19.163	2747	2750	2753	rVV3	112895	164105	1.89%	0.187%
54	19.210	2753	2758	2762	rVB	833920	1140526	13.16%	1.300%
55	19.304	2769	2774	2775	rBV	136134	183530	2.12%	0.209%
56	19.328	2775	2778	2785	rVB	280863	427573	4.93%	0.487%
57	19.422	2785	2794	2804	rBV	5741009	8608567	99.33%	9.813%
58	19.510	2804	2809	2814	rVB2	208556	326959	3.77%	0.373%
59	19.598	2821	2824	2828	rBV3	96814	125619	1.45%	0.143%
60	19.663	2832	2835	2843	rVB5	128342	219309	2.53%	0.250%
61	19.751	2846	2850	2861	rBV3	549576	1115476	12.87%	1.272%
62	19.845	2862	2866	2869	rBV4	109559	167550	1.93%	0.191%
63	19.898	2869	2875	2876	rBV3	551702	868952	10.03%	0.991%
64	19.927	2876	2880	2885	rVB	1071440	1638241	18.90%	1.867%
65	19.992	2886	2891	2893	rBV3	88724	158110	1.82%	0.180%
66	20.027	2893	2897	2901	rBV	811668	950465	10.97%	1.083%
67	20.086	2903	2907	2911	rBV	875205	1077018	12.43%	1.228%
68	20.180	2919	2923	2927	rBV5	114968	208742	2.41%	0.238%
69	20.227	2927	2931	2935	rVV	660598	870070	10.04%	0.992%
70	20.275	2935	2939	2945	rVB	766751	1007596	11.63%	1.149%
71	20.486	2971	2975	2979	rBV5	105754	176923	2.04%	0.202%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050219\
 Data File : BN005442.D
 Acq On : 03 May 2019 07:05
 Operator : JU/SJ
 Sample : K2603-04 20X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ56

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_N\METHODS\SOM-EPA-BN041919MA.M
 Title : SVOA CALIBRATION

72	20.533	2979	2983	2985	rBV2	131260	181038	2.09%	0.206%
73	20.651	2999	3003	3006	rBV3	123781	221234	2.55%	0.252%
74	20.822	3028	3032	3033	rBV2	159688	217437	2.51%	0.248%
75	20.851	3034	3037	3040	rVV	385768	507865	5.86%	0.579%
76	20.892	3040	3044	3047	rVV	521466	588229	6.79%	0.671%
77	20.927	3047	3050	3055	rVV	337775	431876	4.98%	0.492%
78	21.098	3076	3079	3086	rVB	145041	228277	2.63%	0.260%
79	21.210	3091	3098	3102	rBV3	4253633	8666544	100.00%	9.879%
80	21.251	3102	3105	3112	rVB	2089095	2824490	32.59%	3.220%
81	21.333	3116	3119	3122	rBV	148253	157454	1.82%	0.179%
82	21.369	3122	3125	3127	rBV	148797	174346	2.01%	0.199%
83	21.422	3131	3134	3143	rVV2	393834	591388	6.82%	0.674%
84	21.580	3158	3161	3165	rBV3	143455	180480	2.08%	0.206%
85	21.716	3181	3184	3186	rVV	134558	133306	1.54%	0.152%
86	21.769	3187	3193	3198	rVV	690610	1068628	12.33%	1.218%
87	21.822	3198	3202	3208	rVB	390893	530843	6.13%	0.605%
88	21.892	3208	3214	3215	rBV3	257515	439464	5.07%	0.501%
89	21.916	3216	3218	3222	rVV3	362192	510323	5.89%	0.582%
90	21.963	3222	3226	3228	rVV2	470835	671124	7.74%	0.765%
91	21.992	3228	3231	3239	rVV2	587868	836521	9.65%	0.954%
92	22.063	3240	3243	3248	rVB2	212081	290438	3.35%	0.331%
93	22.774	3357	3364	3369	rBV	1272135	3362762	38.80%	3.833%
94	22.939	3387	3392	3398	rVB	513693	871062	10.05%	0.993%
95	23.233	3436	3442	3447	rBV	1005305	1817560	20.97%	2.072%
96	23.327	3452	3458	3466	rVB	1854409	3409383	39.34%	3.886%
97	23.421	3467	3474	3479	rBV	1927513	3666141	42.30%	4.179%
98	24.263	3613	3617	3629	rVB3	285265	655870	7.57%	0.748%
99	25.604	3838	3845	3856	rVB	623496	1757563	20.28%	2.003%
100	26.268	3951	3958	3977	rVB3	482158	1516380	17.50%	1.729%

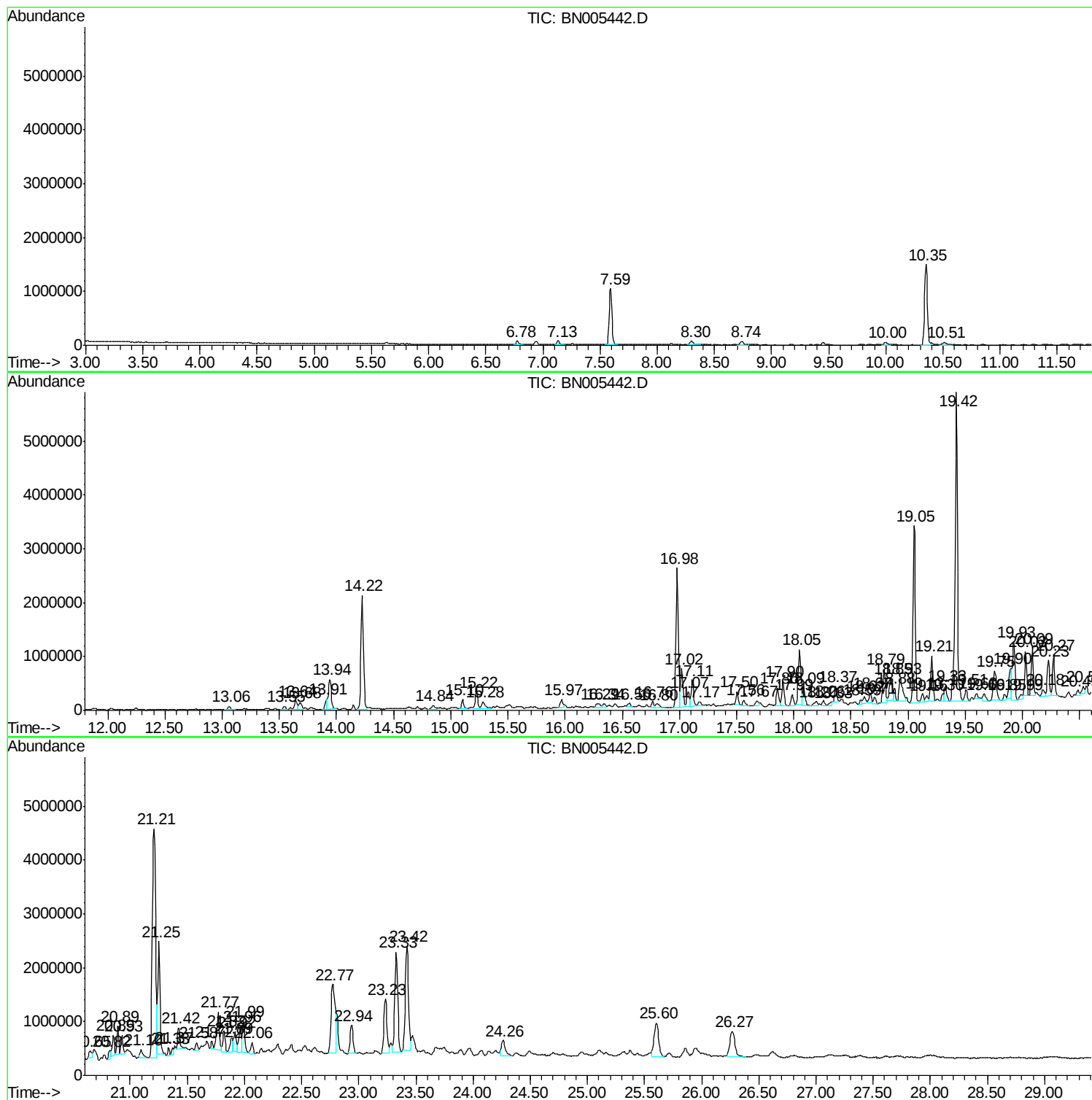
Sum of corrected areas: 87726108

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005442.D
Acq On : 03 May 2019 07:05
Operator : JU/SJ
Sample : K2603-04 20X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ56

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050219\
Data File : BN005442.D
Acq On : 03 May 2019 07:05
Operator : JU/SJ
Sample : K2603-04 20X
Misc :
ALS Vial : 27 Sample Multiplier: 1

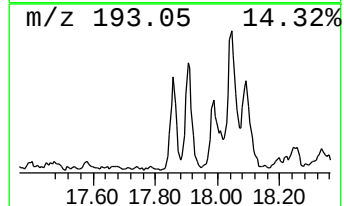
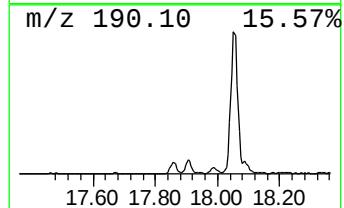
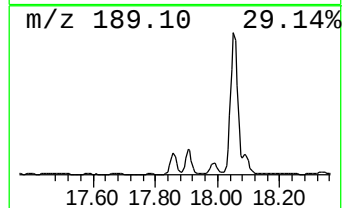
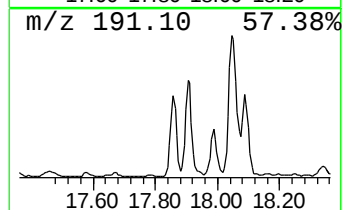
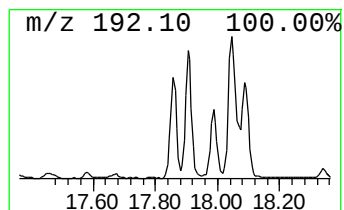
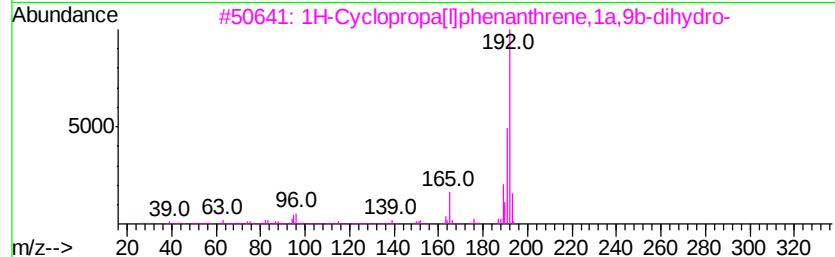
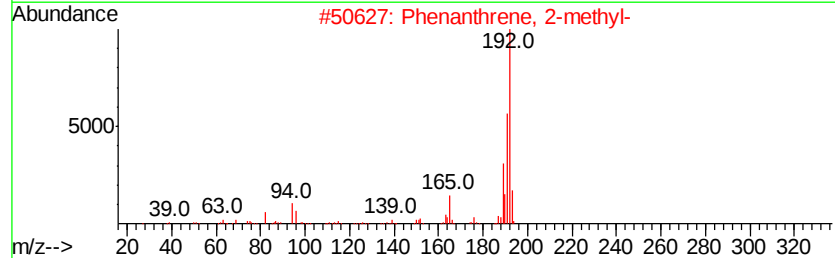
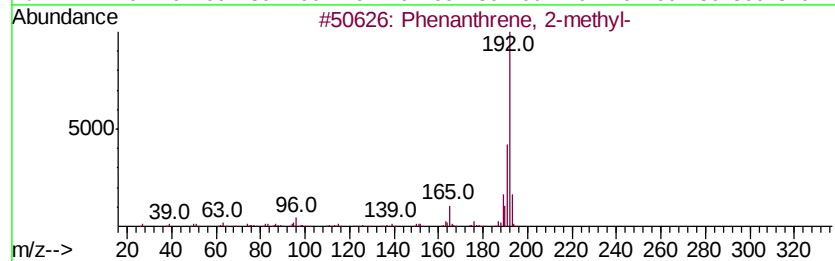
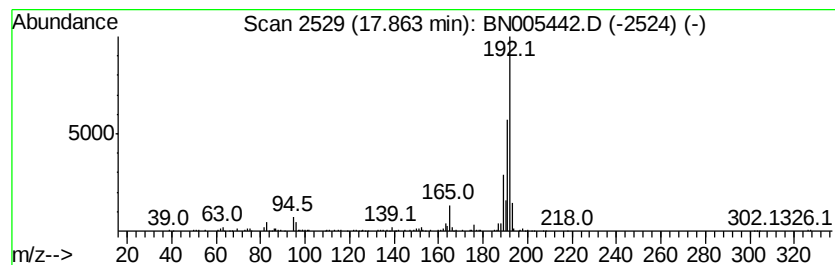
Instrument :
BNA_N
ClientSampleId :
GAJ56

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.86	2.53 ng/ul	481953	Phenanthrene-d10	16.98	
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	96
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005442.D
Acq On : 03 May 2019 07:05
Operator : JU/SJ
Sample : K2603-04 20X
Misc :
ALS Vial : 27 Sample Multiplier: 1

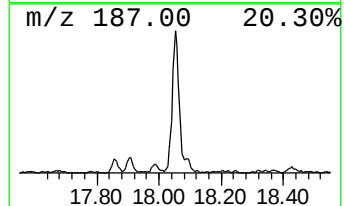
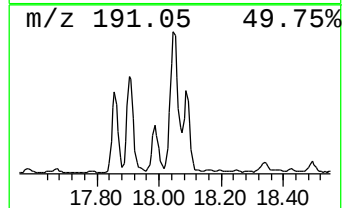
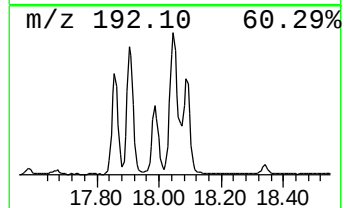
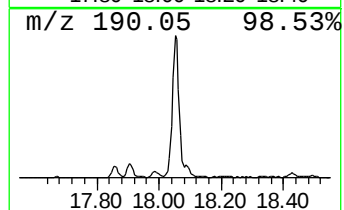
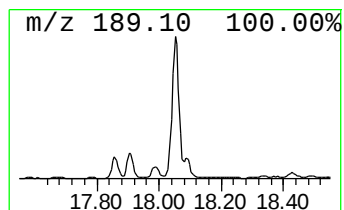
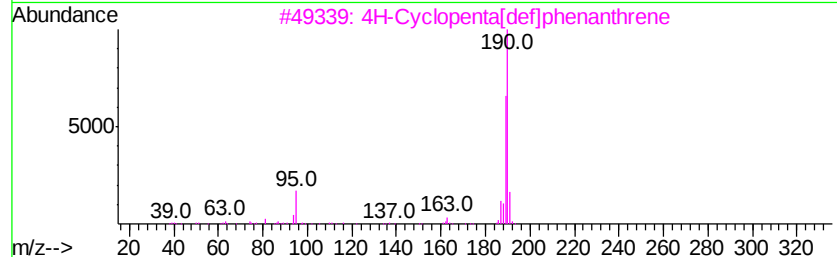
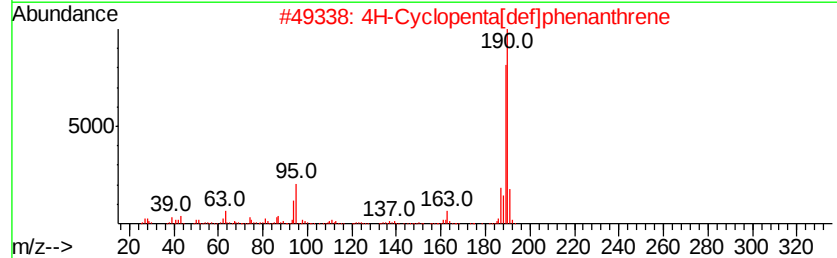
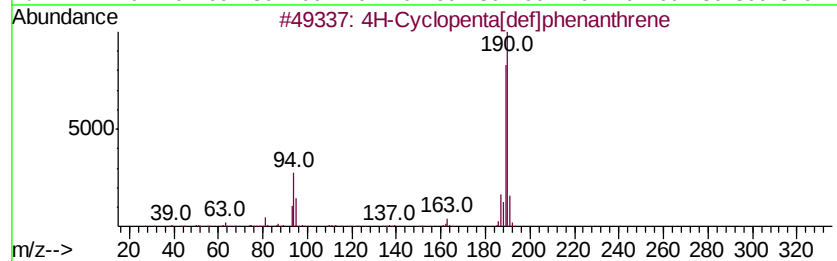
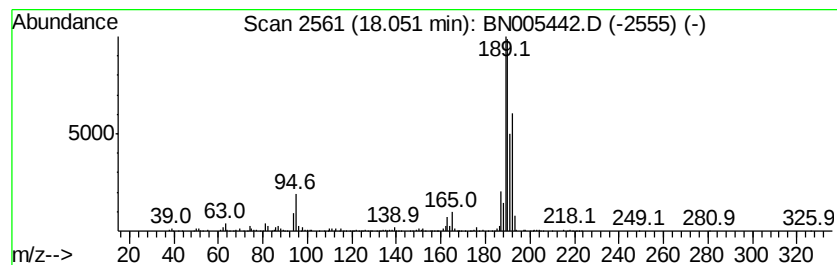
Instrument :
BNA_N
ClientSampleId :
GAJ56

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.05	9.10 ng/ul	1730330	Phenanthrene-d10	16.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050219\
Data File : BN005442.D
Acq On : 03 May 2019 07:05
Operator : JU/SJ
Sample : K2603-04 20X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ56

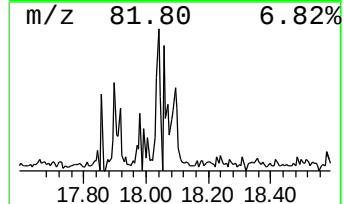
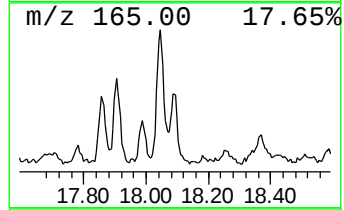
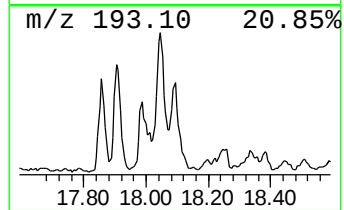
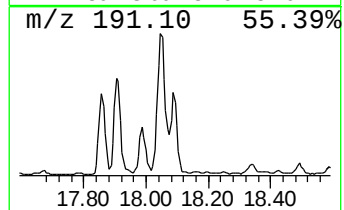
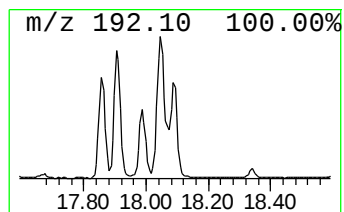
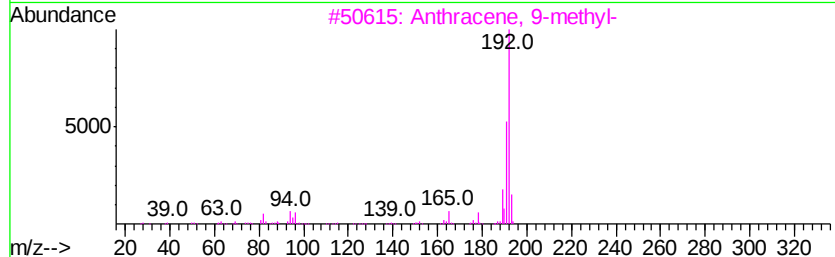
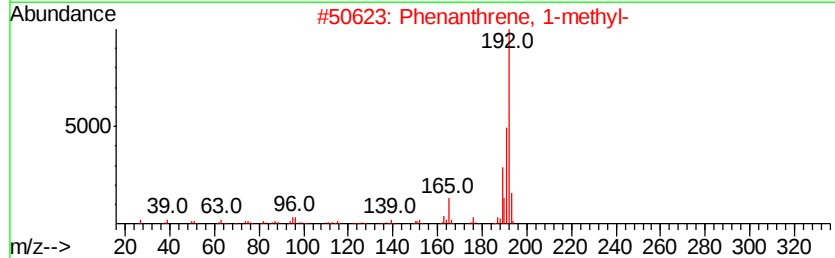
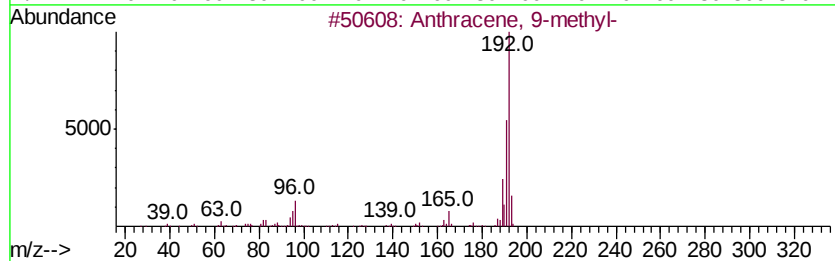
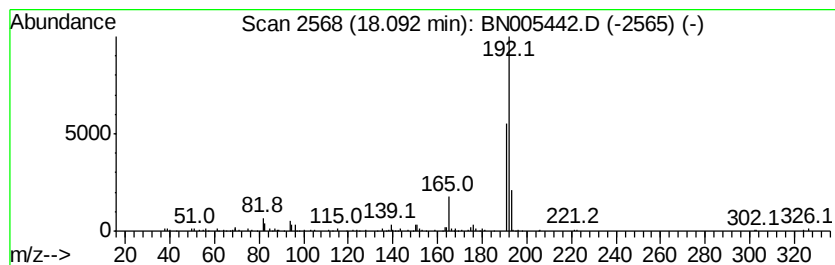
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Anthracene, 9-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	2.45 ng/ul	465337	Phenanthrene-d10	16.98

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005442.D
Acq On : 03 May 2019 07:05
Operator : JU/SJ
Sample : K2603-04 20X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ56

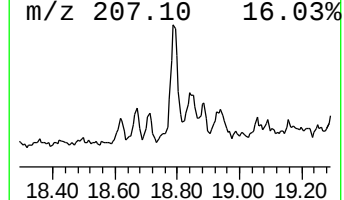
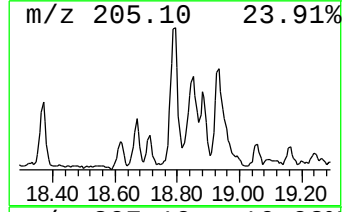
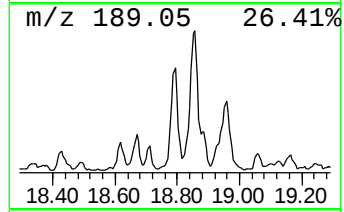
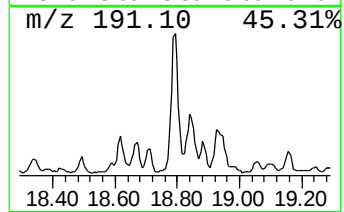
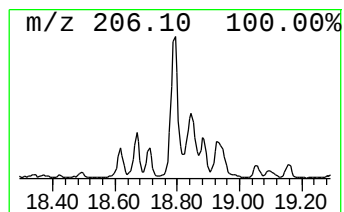
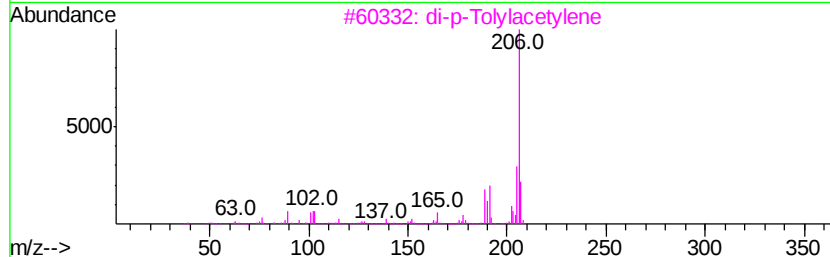
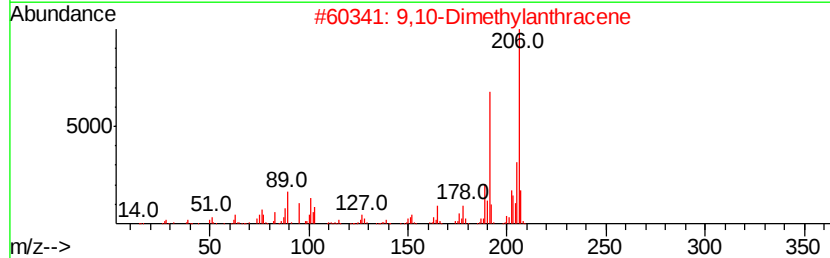
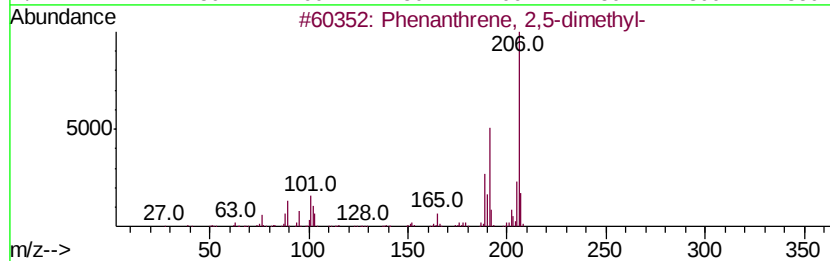
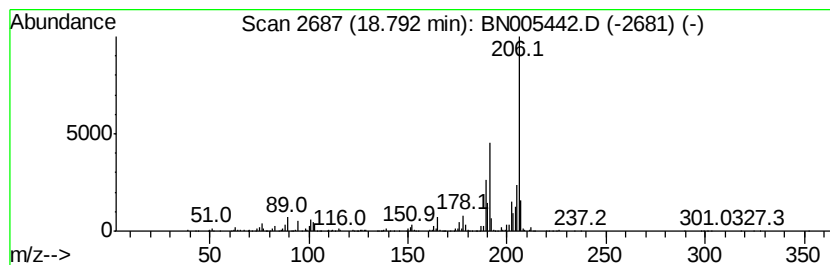
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	5.29 ng/ul	1006480	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	95
3		di-p-Tolylacetylene	206	C16H14	002789-88-0	90
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	90
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005442.D
Acq On : 03 May 2019 07:05
Operator : JU/SJ
Sample : K2603-04 20X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ56

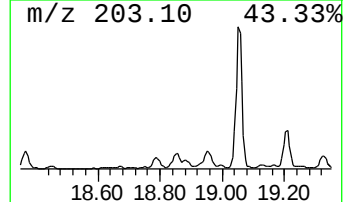
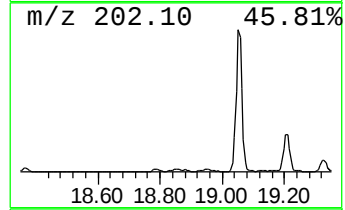
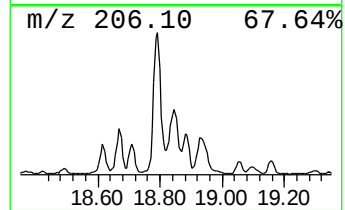
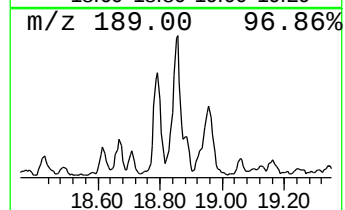
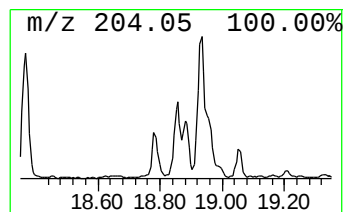
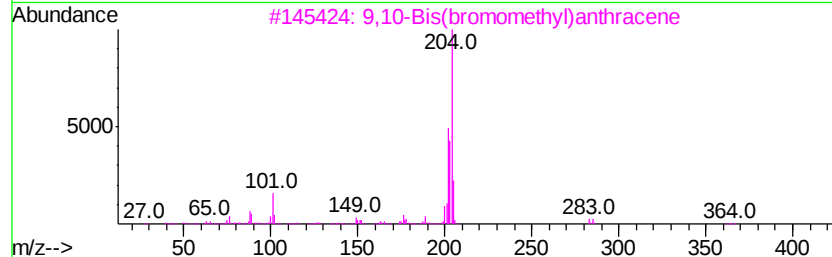
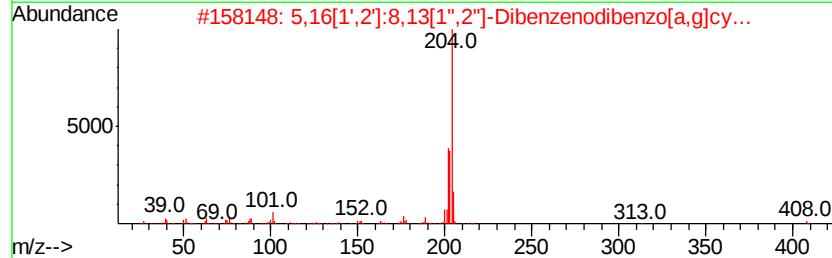
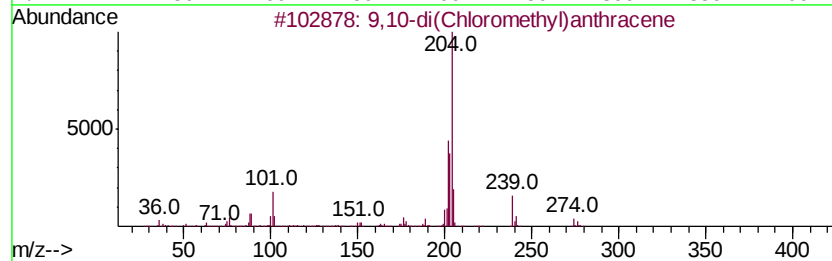
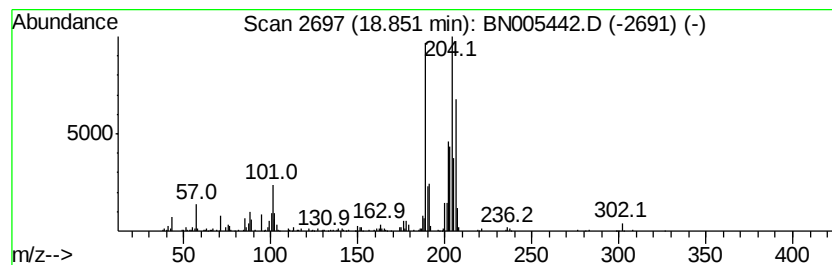
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	3.86 ng/ul	733541	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	43
2		5,16[1',2'] : 8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	38
3		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
4		2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	38
5		Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005442.D
Acq On : 03 May 2019 07:05
Operator : JU/SJ
Sample : K2603-04 20X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ56

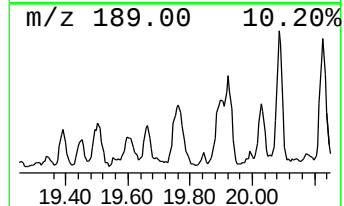
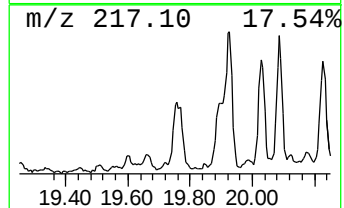
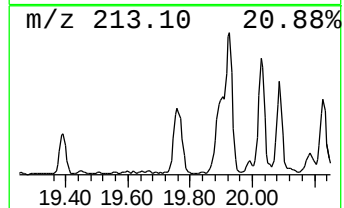
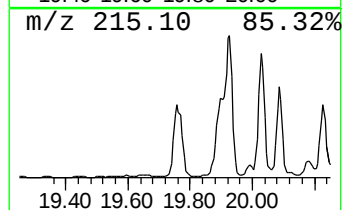
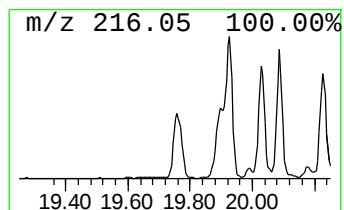
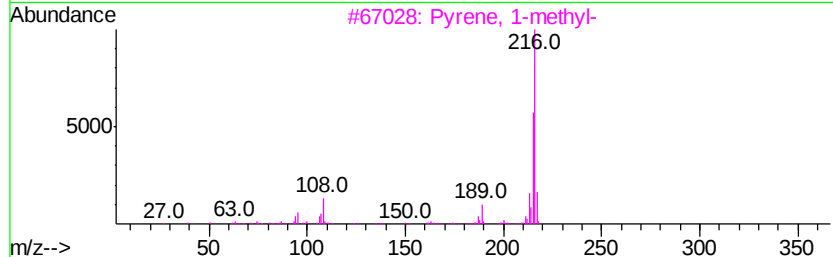
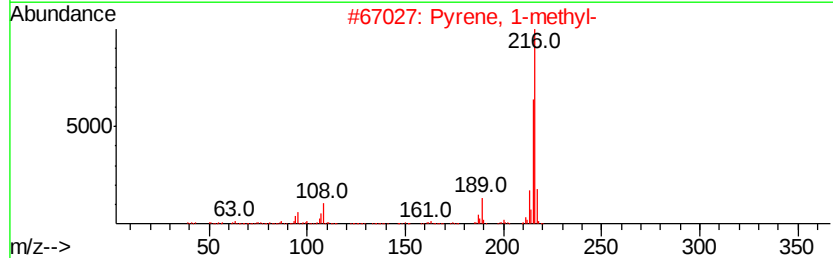
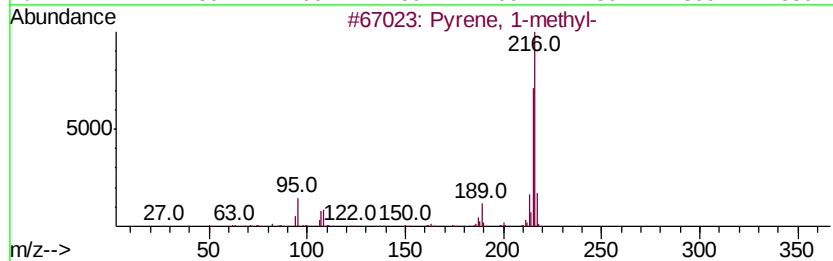
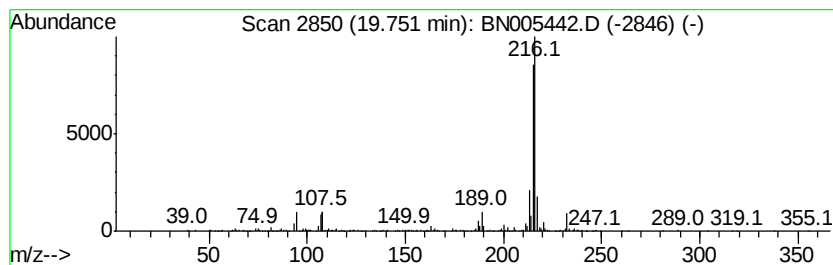
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	2.57 ng/ul	1115480	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4		11H-Benzo[alfluorene	216	C17H12	000238-84-6	93
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005442.D
Acq On : 03 May 2019 07:05
Operator : JU/SJ
Sample : K2603-04 20X
Misc :
ALS Vial : 27 Sample Multiplier: 1

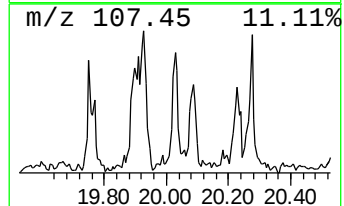
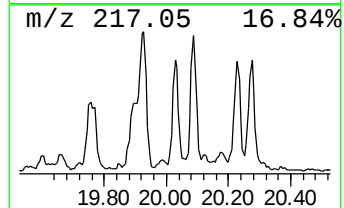
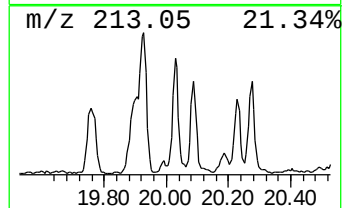
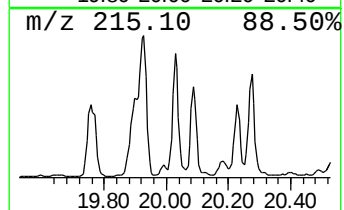
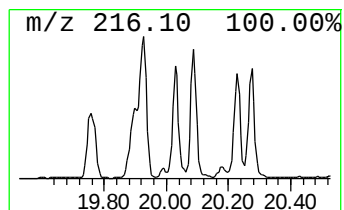
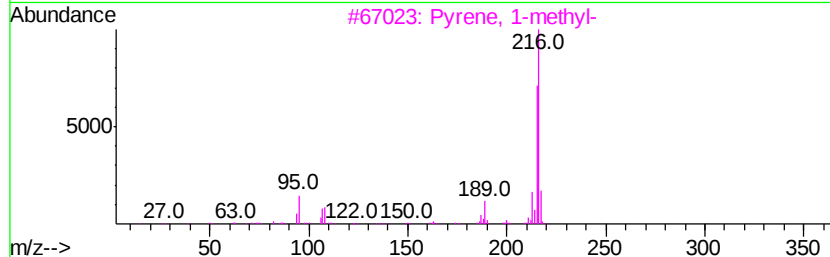
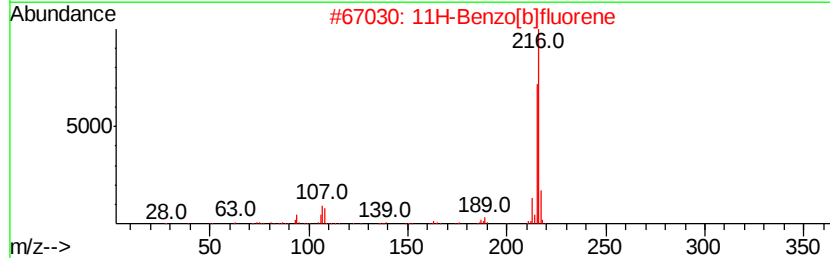
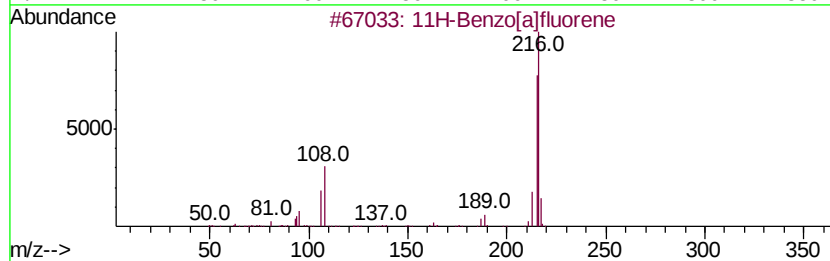
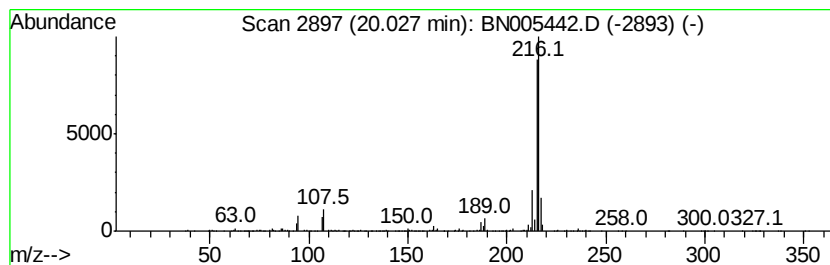
Instrument :
BNA_N
ClientSampleId :
GAJ56

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	2.19 ng/ul	950465	Chrysene-d12	21.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 90
2		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 90
3		Pvrene, 1-methyl-	216 C17H12	002381-21-7 87
4		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 87
5		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005442.D
Acq On : 03 May 2019 07:05
Operator : JU/SJ
Sample : K2603-04 20X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ56

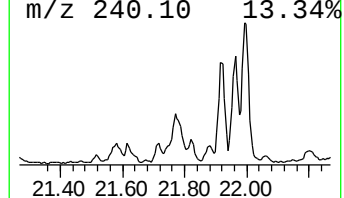
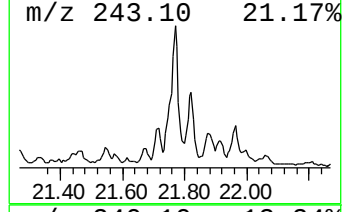
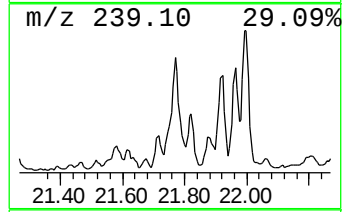
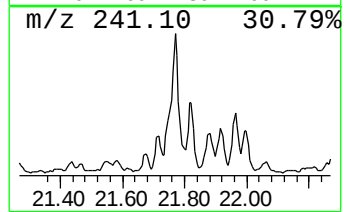
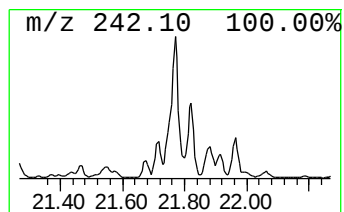
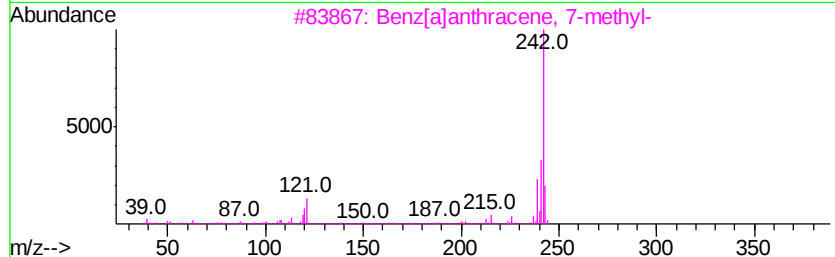
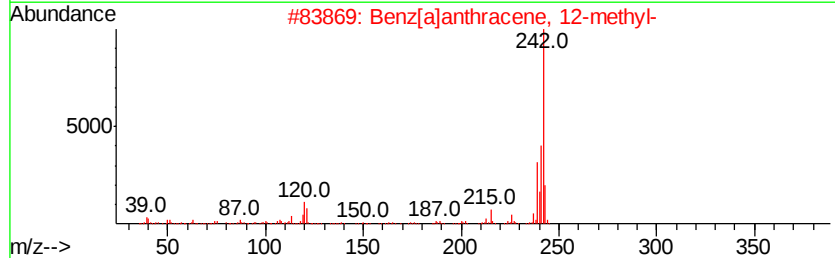
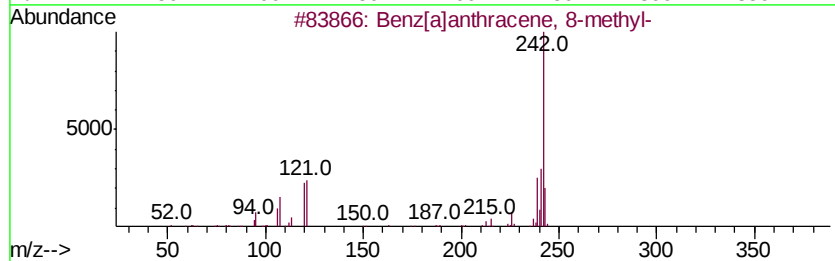
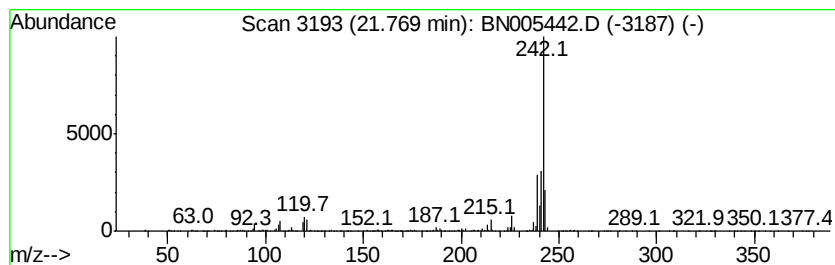
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 17 Benz[a]anthracene, 8-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	2.47 ng/ul	1068630	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	95
2		Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	95
3		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
4		Chrysene, 6-methyl-	242	C19H14	003697-24-3	93
5		Chrysene, 6-methyl-	242	C19H14	003697-24-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005442.D
Acq On : 03 May 2019 07:05
Operator : JU/SJ
Sample : K2603-04 20X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ56

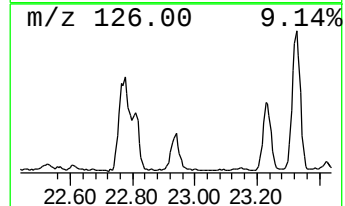
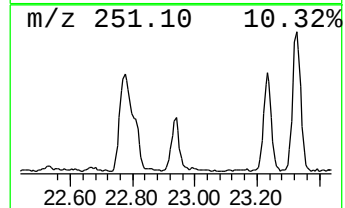
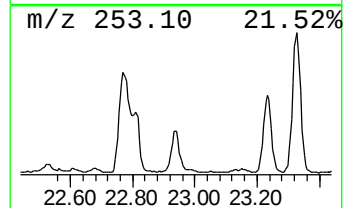
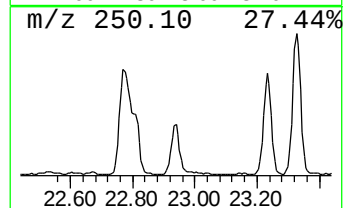
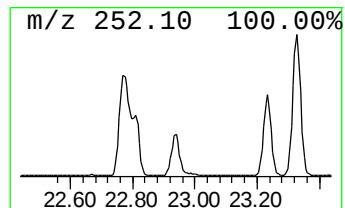
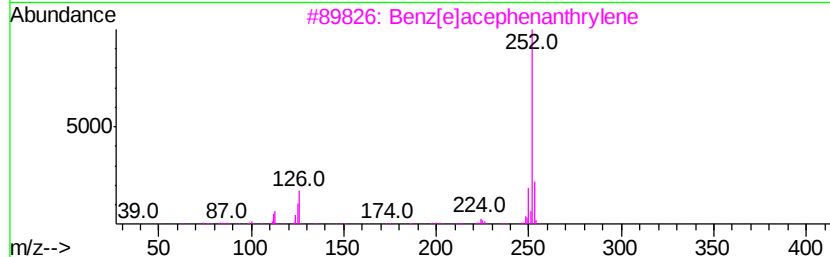
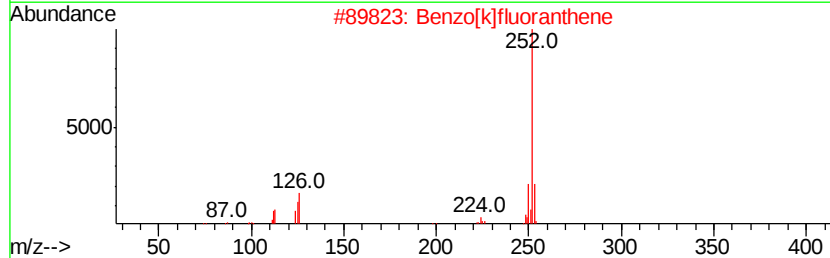
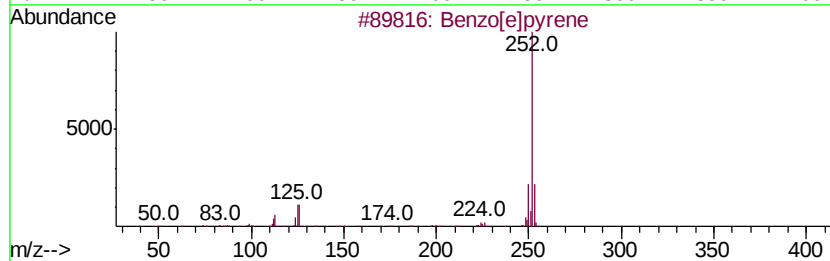
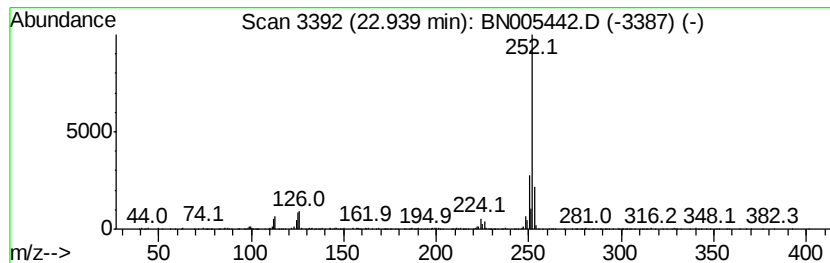
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.94	4.75 ng/ul	871062	Perylene-d12	23.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
4		Benzo[a]pyrene	252	C20H12	000050-32-8	93
5		Perylene	252	C20H12	000198-55-0	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005442.D
Acq On : 03 May 2019 07:05
Operator : JU/SJ
Sample : K2603-04 20X
Misc :
ALS Vial : 27 Sample Multiplier: 1

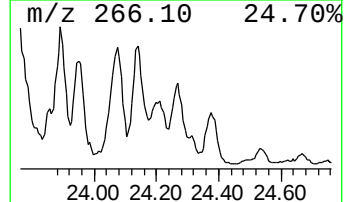
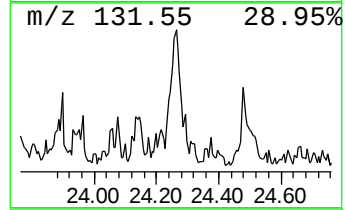
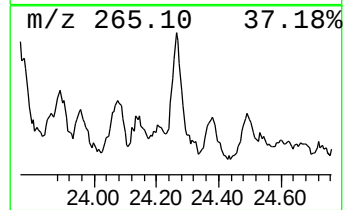
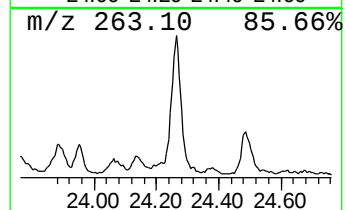
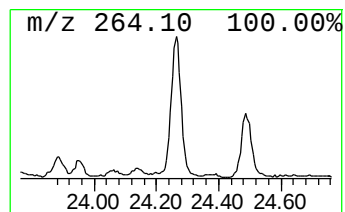
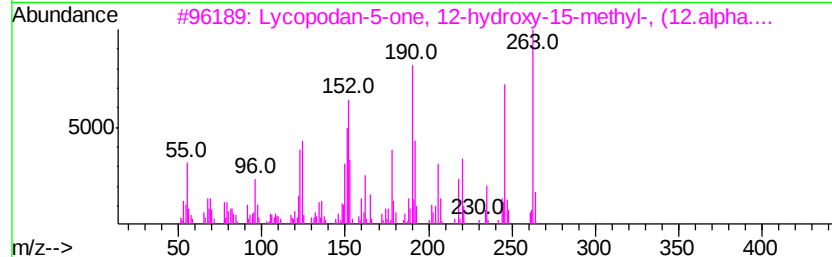
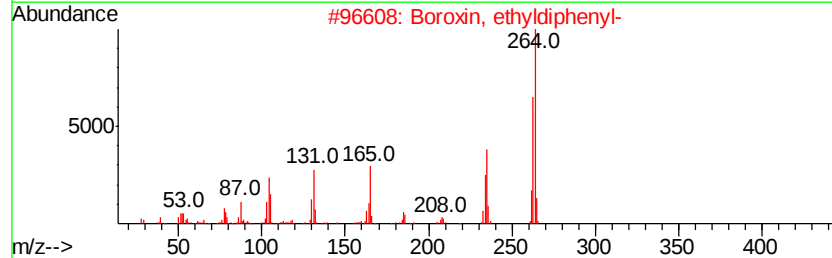
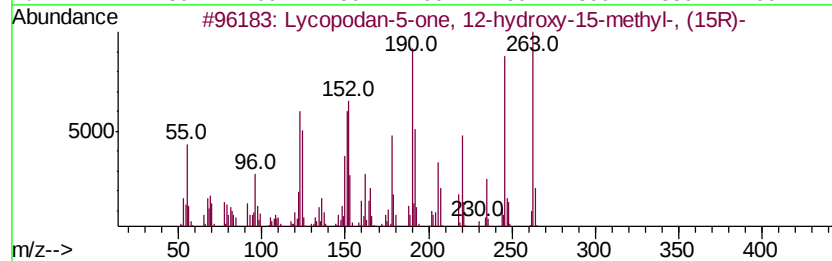
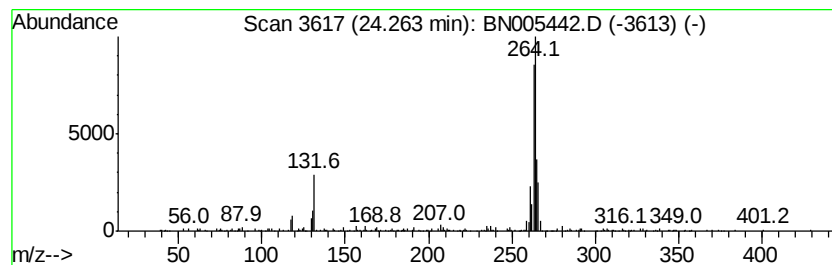
Instrument :
BNA_N
ClientSampleId :
GAJ56

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 19 Lycopodan-5-one, 12-hydroxy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
24.26	3.58 ng/ul	655870	Perylene-d12	23.42		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Lycopodan-5-one, 12-hydroxy-15-methyl-, (15R)-	263	C16H25NO2	006900-92-1	74
2		Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	50
3		Lycopodan-5-one, 12-hydroxy-15-methyl-, (12.alpha.)-	263	C16H25NO2	021061-90-5	35
4		Bicyclo[2.2.1]hepta-2,5-diene, 1-methyl-	296	C7H2Cl6	003389-71-7	32
5		Benzenamine, 4-methyl-N-[2-[1-(4-methylphenyl)-2-methyl-2-propenyl]-1H-imidazol-5-yl]-	307	C17H17N5O	274690-74-3	23



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050219\
 Data File : BN005442.D
 Acq On : 03 May 2019 07:05
 Operator : JU/SJ
 Sample : K2603-04 20X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ56

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.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
Phenanthrene, 2-m...	17.86	2.5	ng/ul	481953	4	16.98	3803490	20.0
4H-Cyclopenta[def...	18.05	9.1	ng/ul	1730330	4	16.98	3803490	20.0
Anthracene, 9-met...	18.09	2.5	ng/ul	465337	4	16.98	3803490	20.0
Phenanthrene, 2,5...	18.79	5.3	ng/ul	1006480	4	16.98	3803490	20.0
unknown-01	18.85	3.9	ng/ul	733541	4	16.98	3803490	20.0
Cyclopenta(def)ph...	18.93	4.8	ng/ul	920697	4	16.98	3803490	20.0
Pyrene, 1-methyl-	19.75	2.6	ng/ul	1115480	5	21.22	8666540	20.0
11H-Benzo[a]fluorene	20.03	2.2	ng/ul	950465	5	21.22	8666540	20.0
Benz[a]anthracene...	21.77	2.5	ng/ul	1068630	5	21.22	8666540	20.0
Benzo[e]pyrene	22.94	4.8	ng/ul	871062	6	23.42	3666140	20.0
Lycopodan-5-one, ...	24.26	3.6	ng/ul	655870	6	23.42	3666140	20.0