

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
 Data File : BN002661.D
 Acq On : 12 Sep 2018 18:52
 Operator : JU/SJ
 Sample : J4792-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3YZ0

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 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-BN081318MA.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	3.234	38	42	48	rVB	21189	32439	1.10%	0.062%
2	3.734	122	127	134	rVB	35764	51902	1.76%	0.099%
3	3.846	142	146	151	rVB2	26176	39175	1.33%	0.075%
4	4.293	218	222	232	rVB	32473	51821	1.76%	0.099%
5	4.828	308	313	324	rBV	71540	111886	3.80%	0.213%
6	6.846	646	656	673	rBV	446583	827450	28.10%	1.577%
7	7.005	677	683	696	rBV	371052	586902	19.93%	1.119%
8	7.199	710	716	727	rVB	466102	745478	25.32%	1.421%
9	7.658	785	794	802	rBV	655444	1076003	36.54%	2.051%
10	8.369	908	915	925	rBV	458994	788097	26.77%	1.502%
11	8.810	982	990	998	rBV	463828	791417	26.88%	1.509%
12	9.522	1104	1111	1121	rBV	348623	614378	20.87%	1.171%
13	10.063	1193	1203	1214	rBV	532407	945713	32.12%	1.803%
14	10.428	1258	1265	1271	rBV	982378	1646162	55.91%	3.138%
15	10.481	1271	1274	1281	rVB	38335	57326	1.95%	0.109%
16	10.575	1281	1290	1302	rBV	390973	742386	25.21%	1.415%
17	11.857	1499	1508	1515	rBV4	20635	51501	1.75%	0.098%
18	12.099	1544	1549	1555	rVB2	19563	35849	1.22%	0.068%
19	13.116	1715	1722	1729	rBV	86536	137215	4.66%	0.262%
20	13.193	1729	1735	1742	rBV5	18626	41171	1.40%	0.078%
21	13.616	1801	1807	1810	rBV3	25033	51483	1.75%	0.098%
22	13.704	1817	1822	1826	rBV	1126959	1569541	53.30%	2.992%
23	13.751	1826	1830	1839	rVB	810907	1189340	40.39%	2.267%
24	13.822	1839	1842	1850	rVB4	27205	55455	1.88%	0.106%
25	13.981	1861	1869	1880	rBV	1330120	2008641	68.22%	3.829%
26	14.198	1901	1906	1911	rBV	146376	197061	6.69%	0.376%
27	14.293	1914	1922	1929	rVV2	1418311	2179797	74.03%	4.155%
28	14.357	1929	1933	1941	rVB	48264	80662	2.74%	0.154%
29	14.698	1987	1991	1995	rVB2	71413	101363	3.44%	0.193%
30	14.769	2001	2003	2008	rVB3	22516	31034	1.05%	0.059%
31	14.822	2008	2012	2018	rVB3	32357	48591	1.65%	0.093%
32	15.087	2052	2057	2060	rBV5	25689	44217	1.50%	0.084%
33	15.157	2065	2069	2074	rVB	112360	138966	4.72%	0.265%
34	15.234	2078	2082	2086	rBV4	23421	42409	1.44%	0.081%

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
 Data File : BN002661.D
 Acq On : 12 Sep 2018 18:52
 Operator : JU/SJ
 Sample : J4792-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3YZ0

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 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-BN081318MA.M
 Title : SVOA CALIBRATION

35	15.287	2086	2091	2097	rVV	1584182	2382721	80.92%	4.542%
36	15.345	2097	2101	2106	rVB3	52809	76729	2.61%	0.146%
37	15.440	2112	2117	2121	rBV5	33016	59750	2.03%	0.114%
38	15.534	2127	2133	2135	rBV5	25779	46871	1.59%	0.089%
39	15.563	2135	2138	2142	rVB	34954	49830	1.69%	0.095%
40	15.645	2147	2152	2160	rVB	44447	85364	2.90%	0.163%
41	15.792	2171	2177	2178	rBV3	33221	54585	1.85%	0.104%
42	15.887	2185	2193	2200	rBV9	17800	62720	2.13%	0.120%
43	16.004	2208	2213	2224	rBV2	354697	621560	21.11%	1.185%
44	16.245	2249	2254	2261	rBV	57752	97622	3.32%	0.186%
45	16.534	2299	2303	2309	rBV	94543	181753	6.17%	0.346%
46	16.604	2311	2315	2321	rVB	133021	217958	7.40%	0.415%
47	16.698	2326	2331	2335	rVV4	84171	159251	5.41%	0.304%
48	16.751	2336	2340	2346	rVV2	120901	224162	7.61%	0.427%
49	16.810	2346	2350	2355	rVV	268736	396508	13.47%	0.756%
50	16.863	2356	2359	2370	rVB3	96575	171335	5.82%	0.327%
51	17.039	2383	2389	2393	rBV	1558336	2310018	78.45%	4.403%
52	17.087	2393	2397	2401	rVV	758640	1081390	36.73%	2.061%
53	17.139	2401	2406	2411	rVV2	1566703	2351500	79.86%	4.482%
54	17.175	2411	2412	2418	rVV	173340	198827	6.75%	0.379%
55	17.234	2418	2422	2428	rVB2	134089	211820	7.19%	0.404%
56	17.316	2432	2436	2441	rVB	146439	198893	6.75%	0.379%
57	17.551	2472	2476	2483	rVB5	99808	165032	5.60%	0.315%
58	17.722	2502	2505	2509	rBV3	102646	124123	4.22%	0.237%
59	17.916	2532	2538	2541	rBV	183996	334354	11.36%	0.637%
60	17.963	2541	2546	2555	rVB2	246650	537812	18.26%	1.025%
61	18.116	2567	2572	2575	rBV4	164795	295282	10.03%	0.563%
62	18.245	2590	2594	2602	rBV4	117368	215892	7.33%	0.412%
63	18.392	2615	2619	2622	rBV2	200618	257338	8.74%	0.491%
64	18.475	2629	2633	2638	rBV7	84704	163308	5.55%	0.311%
65	18.663	2662	2665	2670	rVB2	437976	573357	19.47%	1.093%
66	18.939	2708	2712	2718	rVB2	267638	421703	14.32%	0.804%
67	19.110	2735	2741	2747	rBV	1432613	2368077	80.42%	4.514%
68	19.169	2748	2751	2755	rVB2	268875	355593	12.08%	0.678%
69	19.445	2792	2798	2801	rBV	1801991	2944505	100.00%	5.612%
70	19.469	2801	2802	2812	rVB	1097363	1241173	42.15%	2.366%
71	19.557	2812	2817	2822	rBV3	315043	569681	19.35%	1.086%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091218\
Data File : BN002661.D
Acq On : 12 Sep 2018 18:52
Operator : JU/SJ
Sample : J4792-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3YZ0

Integration Parameters: LSCINT.P

Integrator: RTE
Smoothing : OFF
Sampling : 1
Start Thrs: 0.2
Stop Thrs : 0
Filtering: 5
Min Area: 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-BN081318MA.M
Title : SVOA CALIBRATION

72	19.639	2827	2831	2838	rBV4	260052	536438	18.22%	1.022%
73	19.892	2870	2874	2879	rVB	1376728	1669729	56.71%	3.183%
74	20.116	2909	2912	2919	rVB5	264861	471253	16.00%	0.898%
75	20.380	2954	2957	2961	rVV2	753659	869603	29.53%	1.658%
76	20.428	2962	2965	2971	rVB	901337	1149450	39.04%	2.191%
77	20.486	2971	2975	2980	rVB	355793	468659	15.92%	0.893%
78	20.598	2992	2994	2999	rVB	393294	446206	15.15%	0.851%
79	20.727	3012	3016	3021	rVB3	343491	528569	17.95%	1.007%
80	21.163	3087	3090	3095	rVB	755858	821546	27.90%	1.566%
81	21.245	3098	3104	3107	rVV2	1511290	2530077	85.93%	4.823%
82	21.280	3108	3110	3114	rVB	513909	527916	17.93%	1.006%
83	22.798	3364	3368	3373	rBV2	302958	594922	20.20%	1.134%
84	23.321	3452	3457	3463	rBV	817595	1584519	53.81%	3.020%
85	23.463	3476	3481	3487	rVB	793552	1343661	45.63%	2.561%

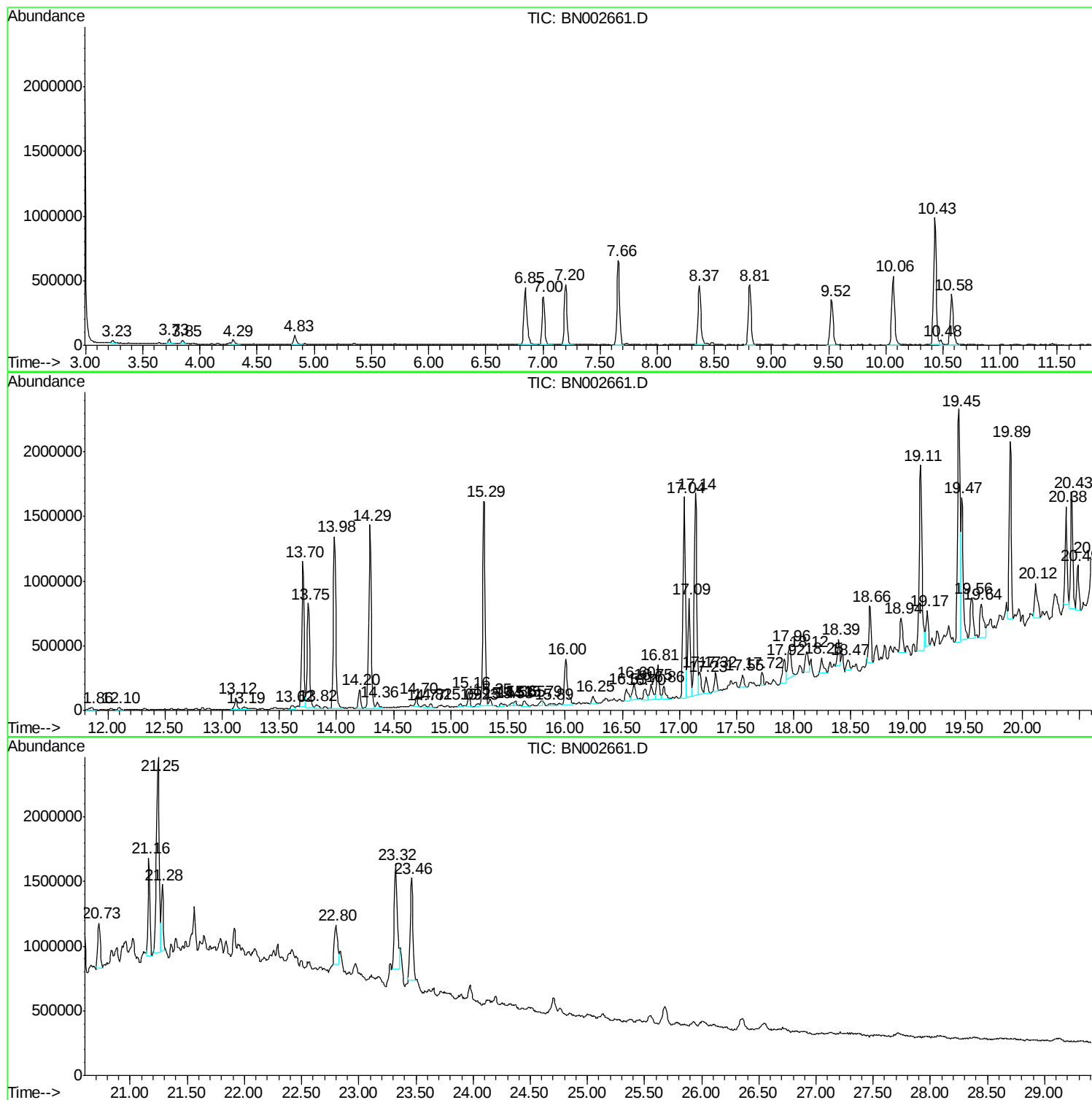
Sum of corrected areas: 52463776

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002661.D
Acq On : 12 Sep 2018 18:52
Operator : JU/SJ
Sample : J4792-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3YZ0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091218\
Data File : BN002661.D
Acq On : 12 Sep 2018 18:52
Operator : JU/SJ
Sample : J4792-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3YZ0

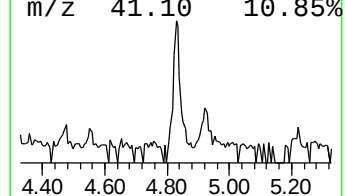
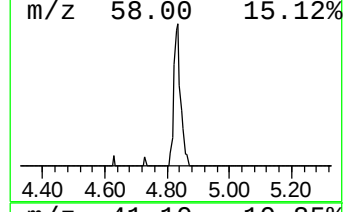
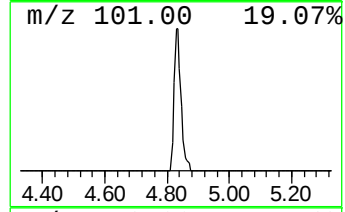
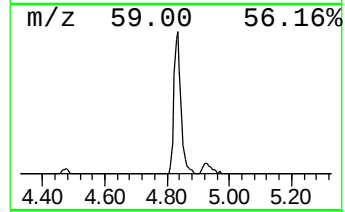
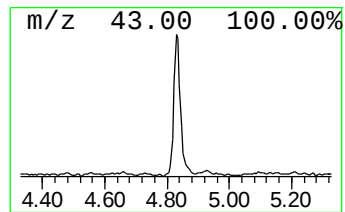
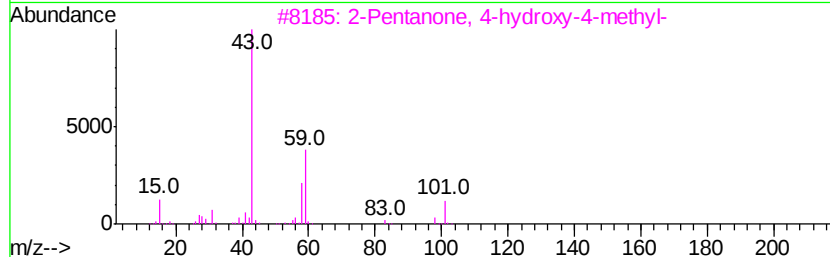
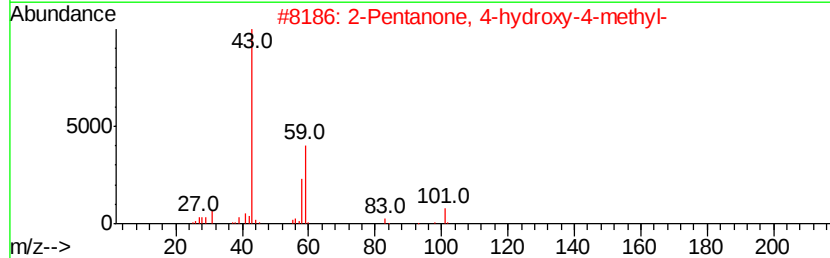
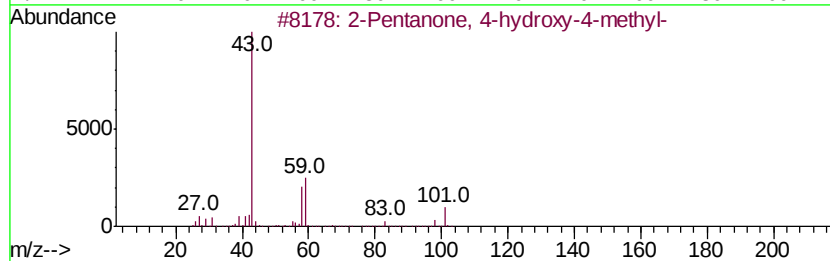
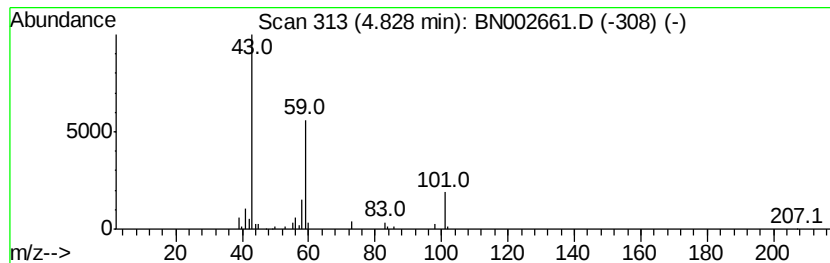
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	2.08 ng/ul	111886	1,4-Dichlorobenzene-d4	7.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42		
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38		
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38		
4	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	28		
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	28		



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002661.D
Acq On : 12 Sep 2018 18:52
Operator : JU/SJ
Sample : J4792-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

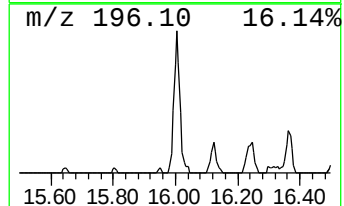
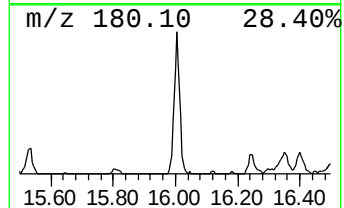
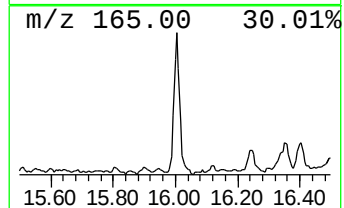
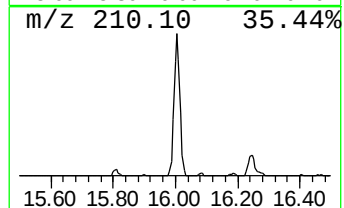
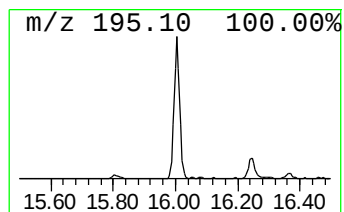
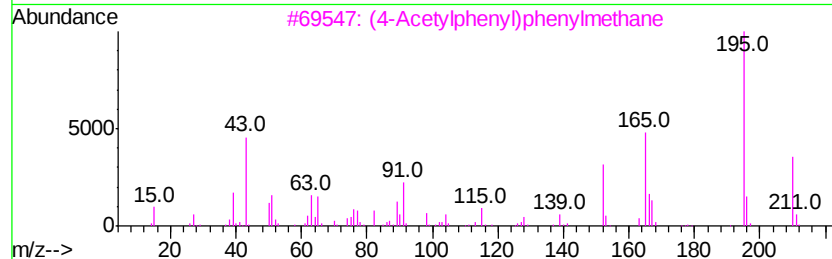
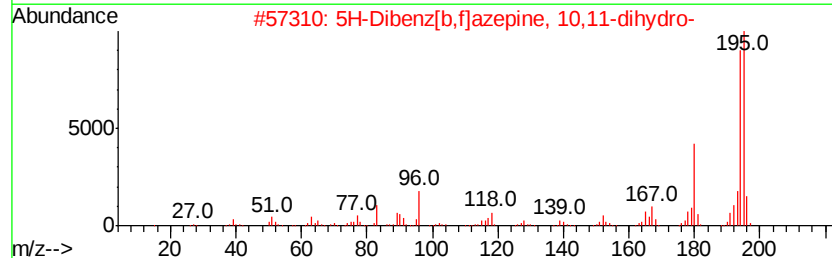
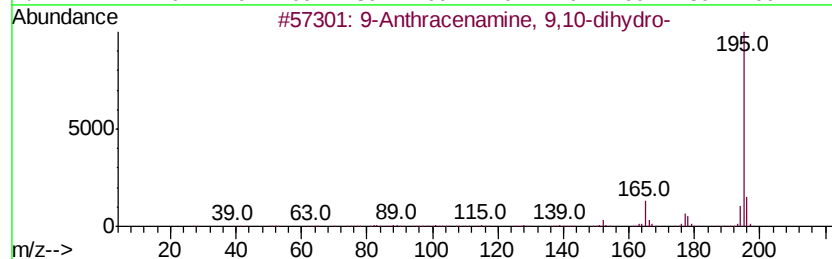
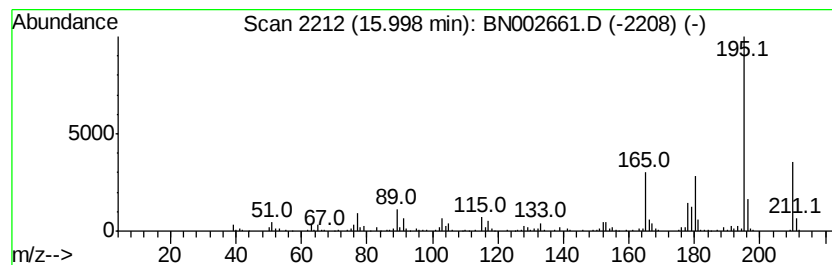
Instrument :
BNA_N
ClientSampleId :
A3YZ0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 9-Anthracenamine, 9,10-dihy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.00	5.38 ng/ul	621560	Phenanthrene-d10	17.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Anthracenamine, 9,10-dihydro-	195	C14H13N	097825-91-7	58
2	5H-Dibenz[b,f]azepine, 10,11-dih...	195	C14H13N	000494-19-9	58
3	(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	53
4	1,1'-Biphenyl, 2,2',5,5'-tetrame...	210	C16H18	003075-84-1	50
5	Naphthalene, 1,2,3-trimethyl-4-p...	210	C16H18	026137-53-1	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002661.D
Acq On : 12 Sep 2018 18:52
Operator : JU/SJ
Sample : J4792-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3YZ0

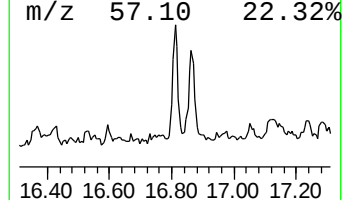
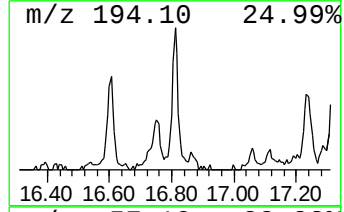
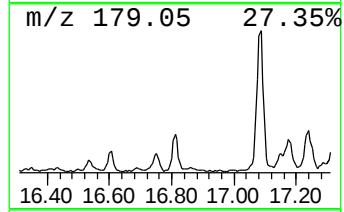
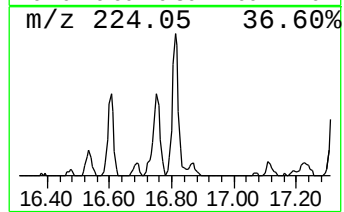
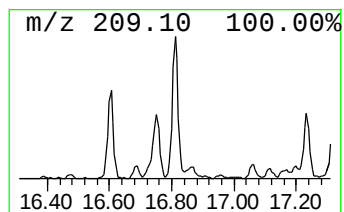
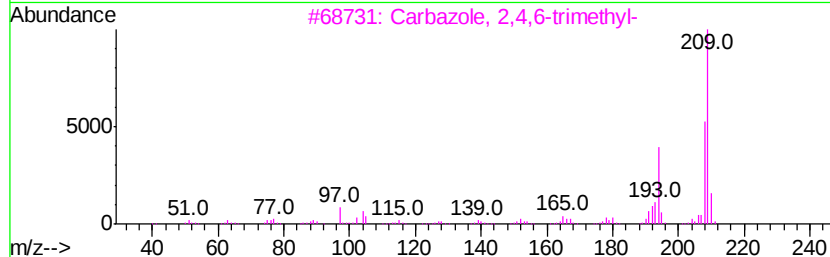
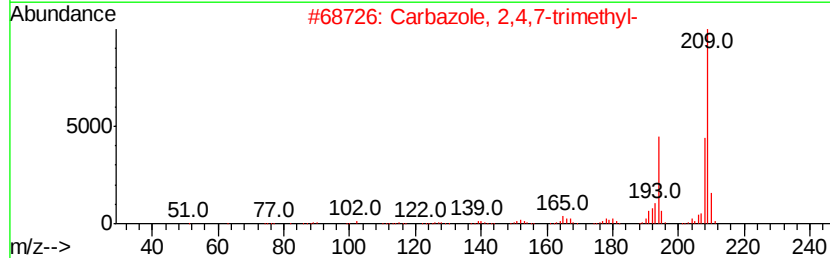
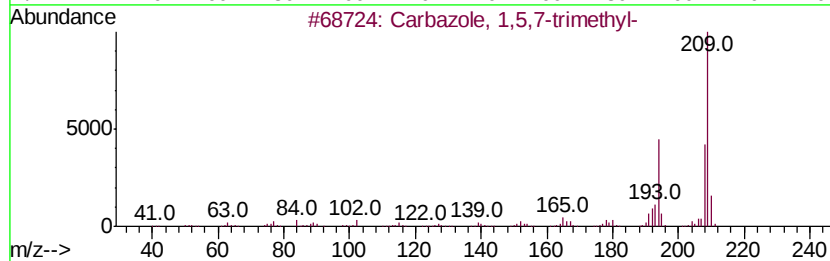
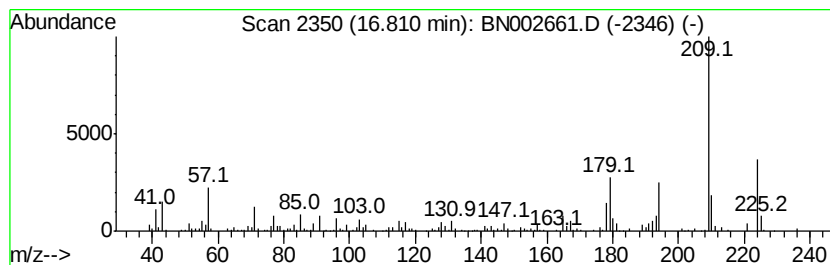
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Carbazole, 1,5,7-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	3.43 ng/ul	396508	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Carbazole, 1,5,7-trimethyl-	209	C15H15N	078787-84-5	62
2		Carbazole, 2,4,7-trimethyl-	209	C15H15N	078787-89-0	58
3		Carbazole, 2,4,6-trimethyl-	209	C15H15N	078787-88-9	52
4		Carbazole, 2,3,5-trimethyl-	209	C15H15N	078787-85-6	52
5		Carbazole, 1,3,4-trimethyl-	209	C15H15N	078787-82-3	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002661.D
Acq On : 12 Sep 2018 18:52
Operator : JU/SJ
Sample : J4792-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

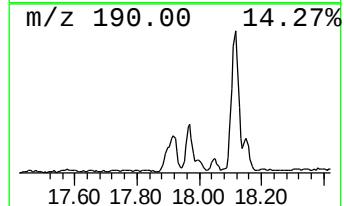
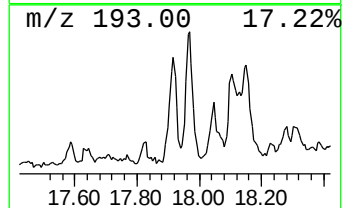
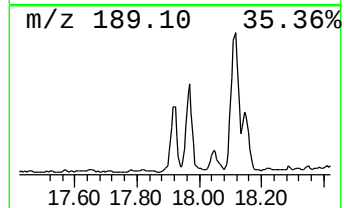
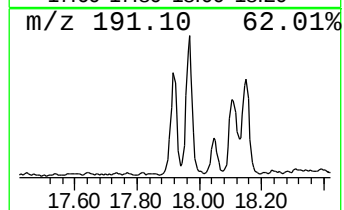
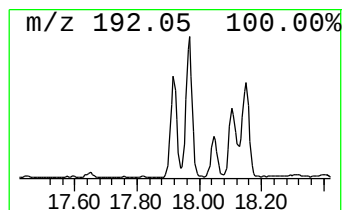
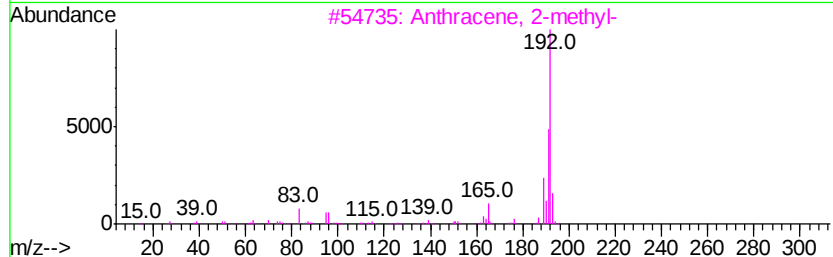
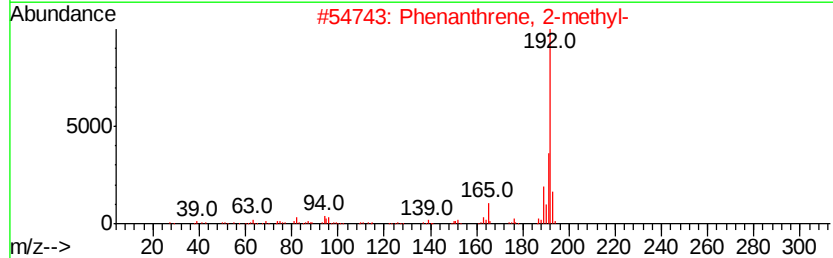
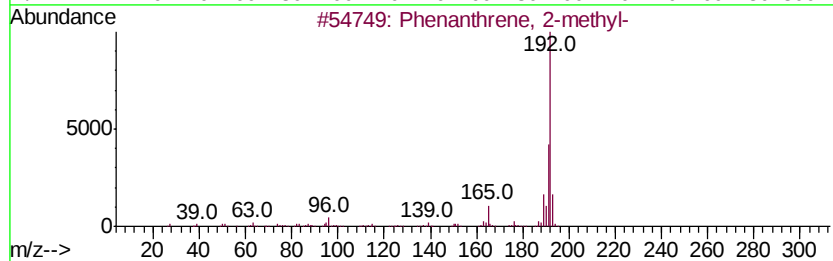
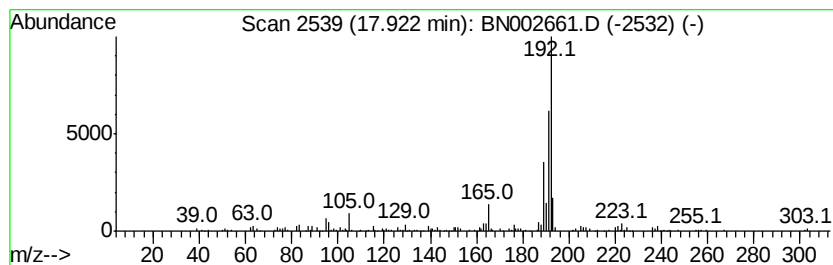
Instrument :
BNA_N
ClientSampleId :
A3YZ0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.92	2.89 ng/ul	334354	Phenanthrene-d10	17.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002661.D
Acq On : 12 Sep 2018 18:52
Operator : JU/SJ
Sample : J4792-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3YZ0

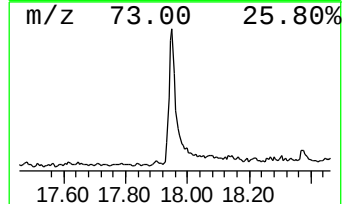
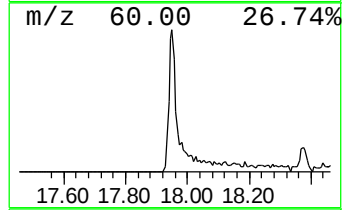
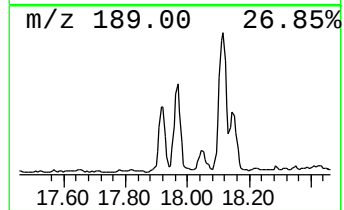
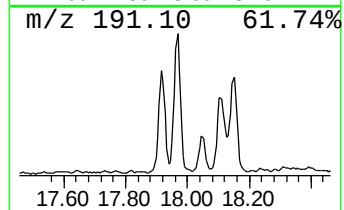
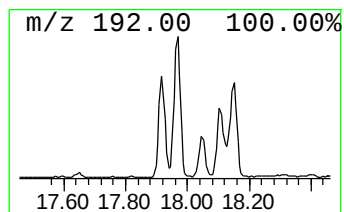
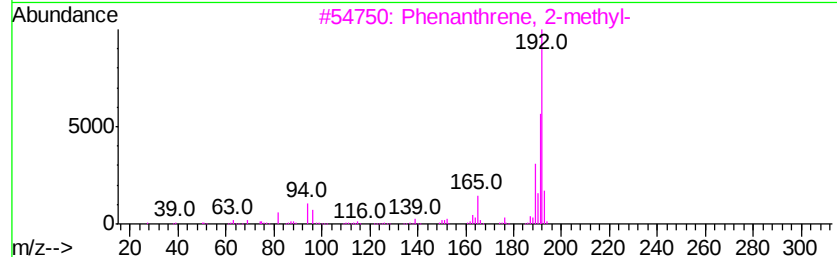
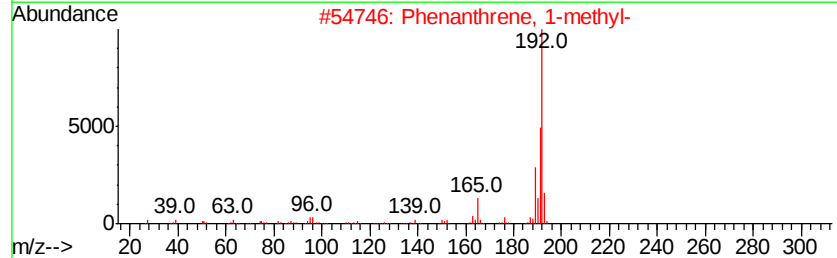
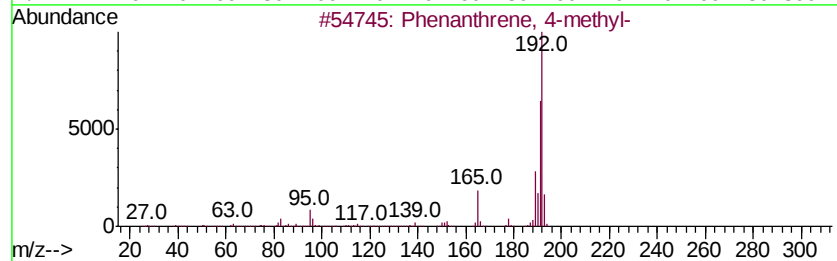
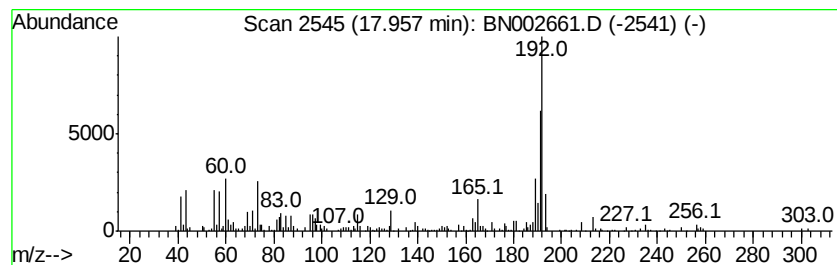
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Phenanthrene, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	4.66 ng/ul	537812	Phenanthrene-d10	17.04

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96	
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	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_N\DATA\BN091218\
Data File : BN002661.D
Acq On : 12 Sep 2018 18:52
Operator : JU/SJ
Sample : J4792-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3YZ0

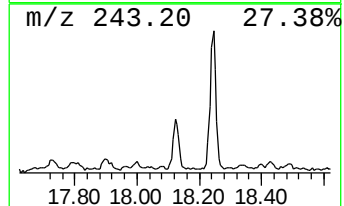
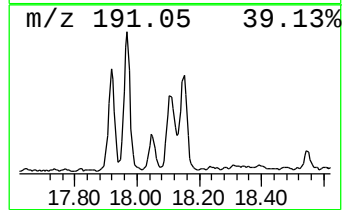
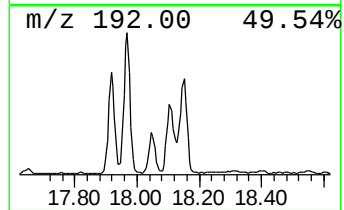
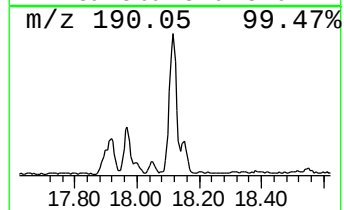
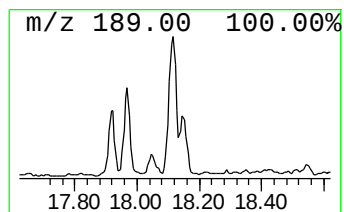
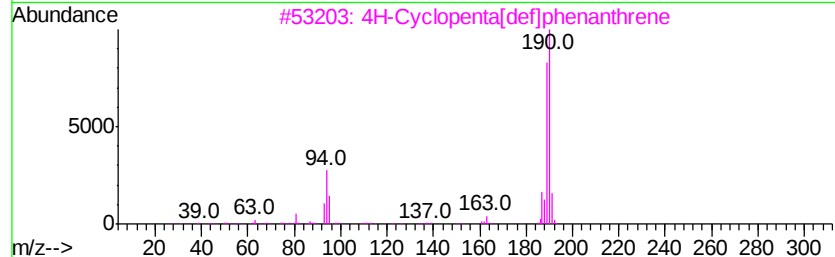
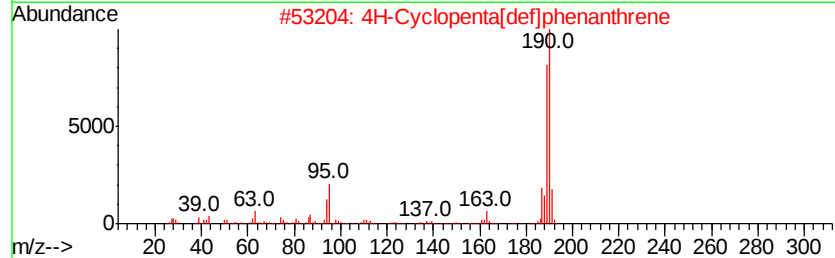
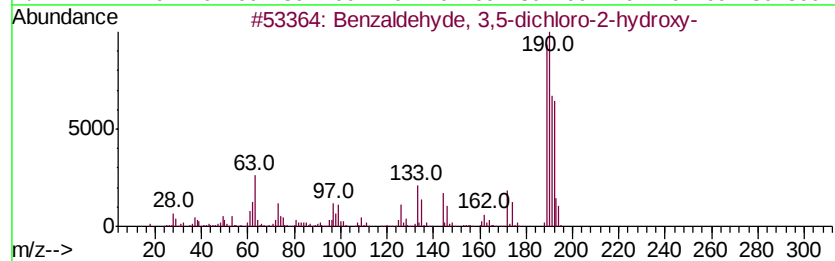
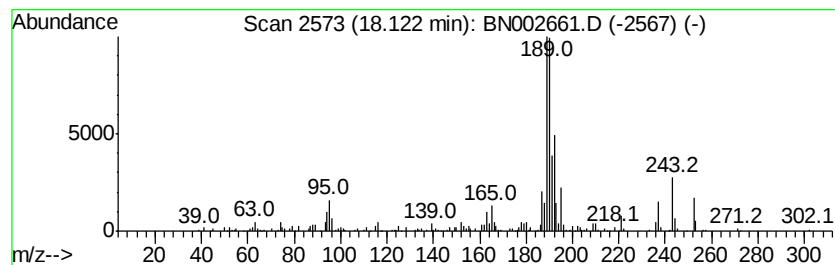
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzaldehyde, 3,5-dichloro-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	2.56 ng/ul	295282	Phenanthrene-d10	17.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehydve, 3,5-dichloro-2-hvd...	190	C7H4Cl2O2	000090-60-8	64
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
4			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
5			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002661.D
Acq On : 12 Sep 2018 18:52
Operator : JU/SJ
Sample : J4792-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3YZ0

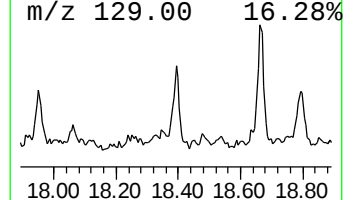
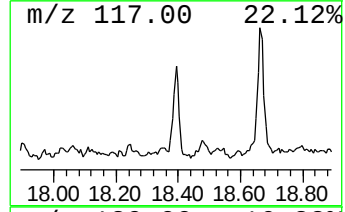
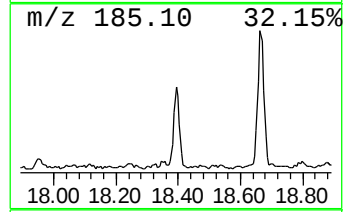
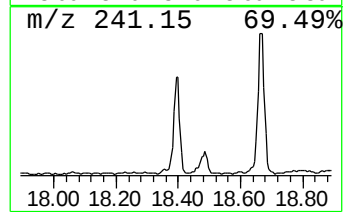
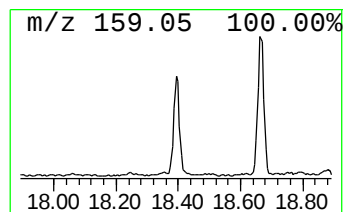
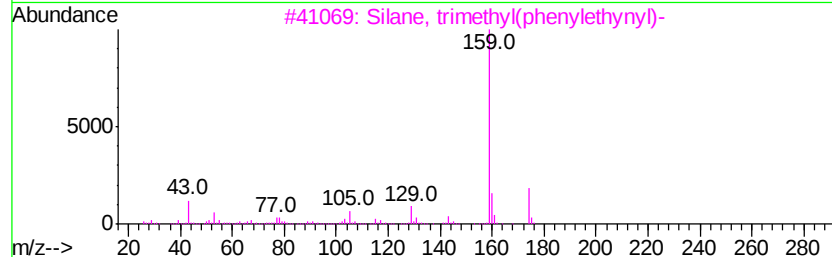
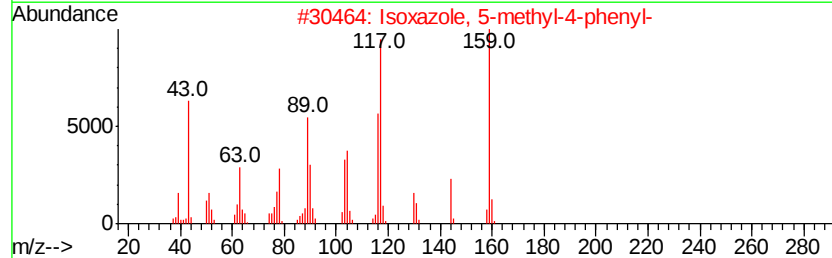
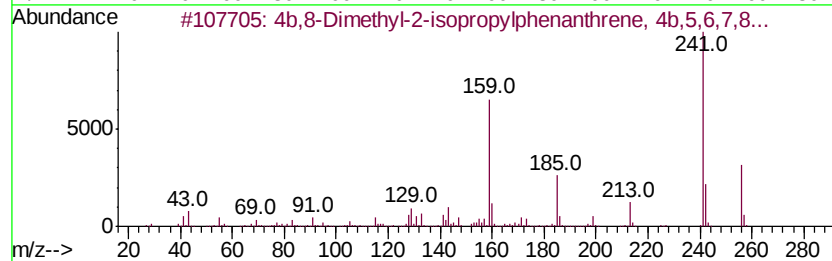
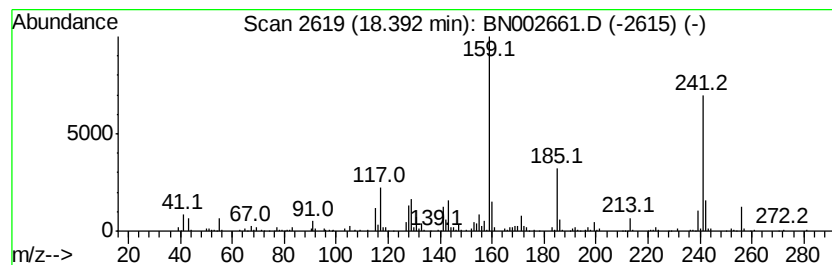
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 4b,8-Dimethyl-2-isopropylph... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	2.23 ng/ul	257338	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	91
2		Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	38
3		Silane, trimethyl(phenylethynyl)-	174	C11H14Si	002170-06-1	35
4		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	35
5		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002661.D
Acq On : 12 Sep 2018 18:52
Operator : JU/SJ
Sample : J4792-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3YZ0

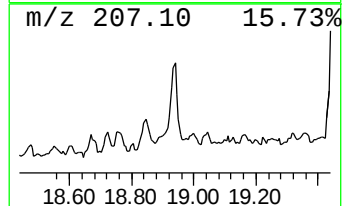
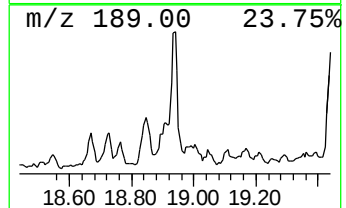
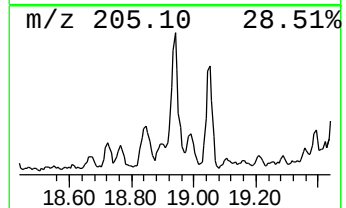
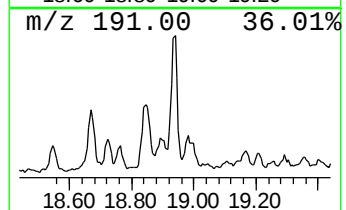
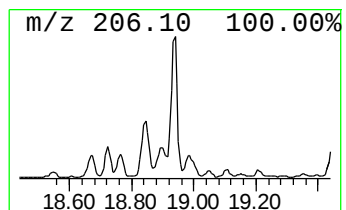
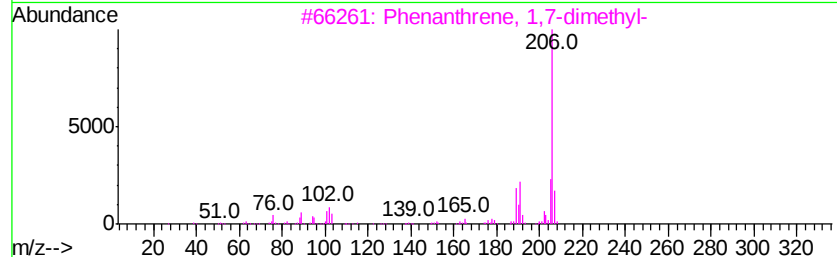
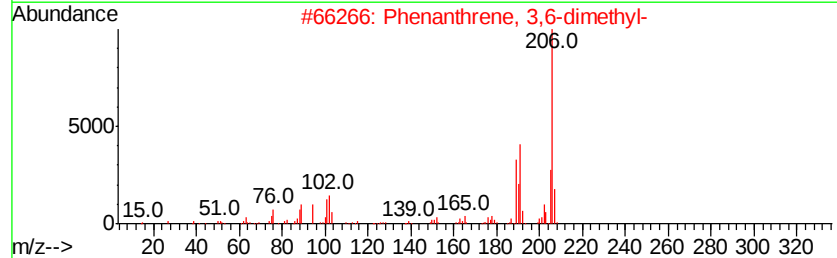
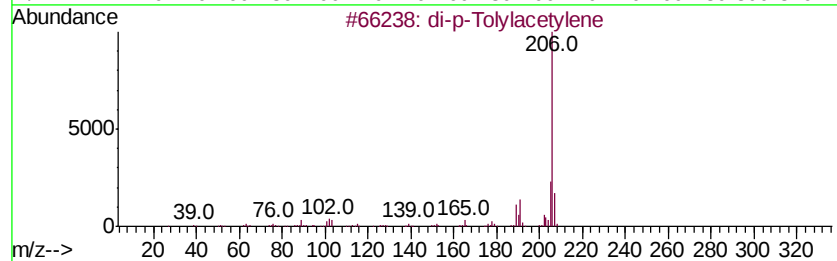
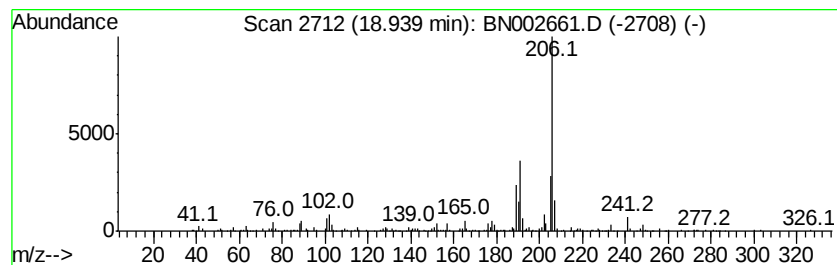
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 di-p-Tolylacetylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	3.65 ng/ul	421703	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	90
5		di-p-Tolylacetylene	206	C16H14	002789-88-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091218\
Data File : BN002661.D
Acq On : 12 Sep 2018 18:52
Operator : JU/SJ
Sample : J4792-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3YZ0

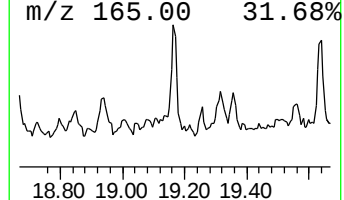
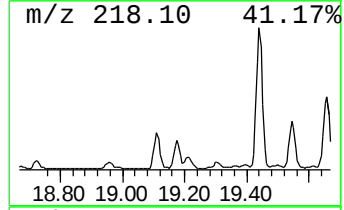
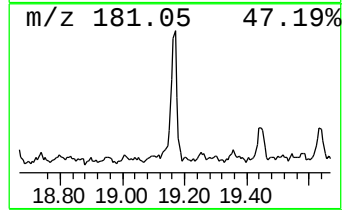
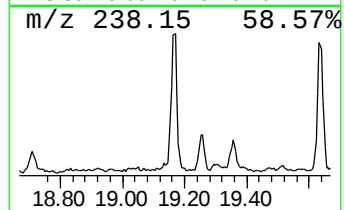
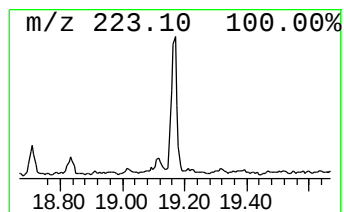
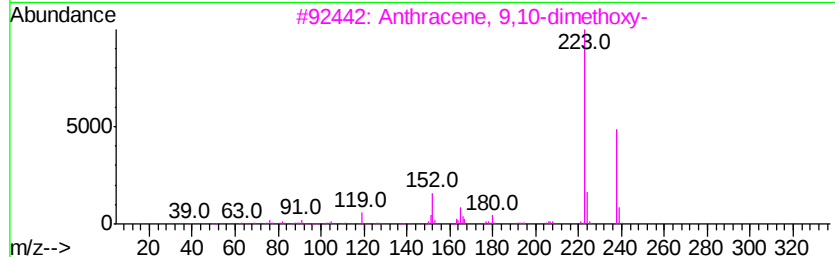
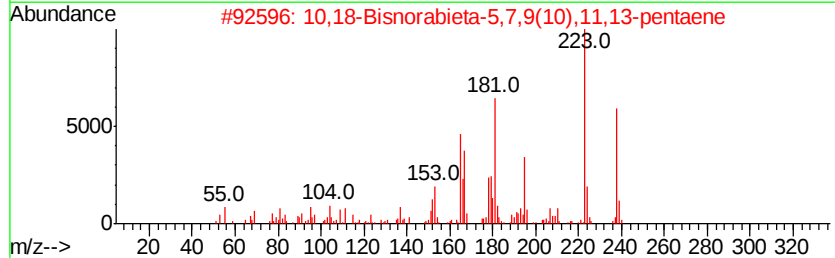
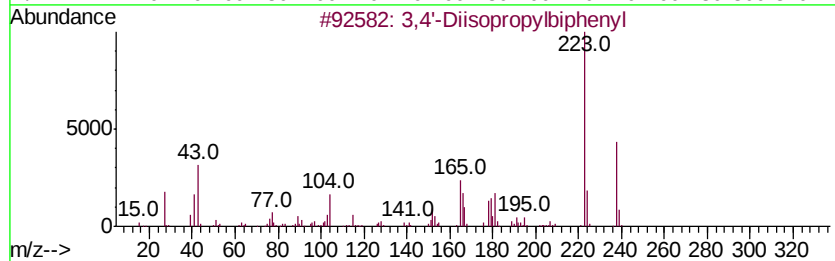
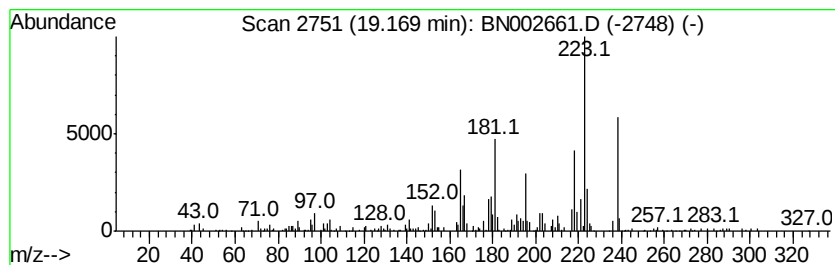
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 3,4'-Diisopropylbiphenyl Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	2.81 ng/ul	355593	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	78
2		10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	76
3		Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	43
4		2-Isopropylxanthen-9-one	238	C16H14O2	069737-66-2	43
5		Tricyclo[3.3.3.0(1,5)]undec-6-en...	223	C14H13N3	118894-71-6	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002661.D
Acq On : 12 Sep 2018 18:52
Operator : JU/SJ
Sample : J4792-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

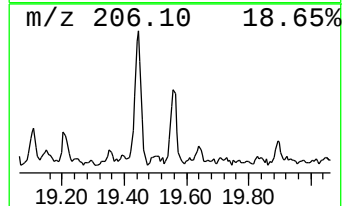
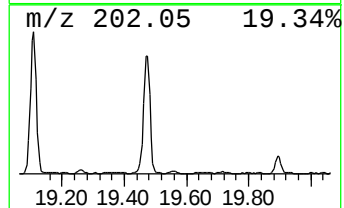
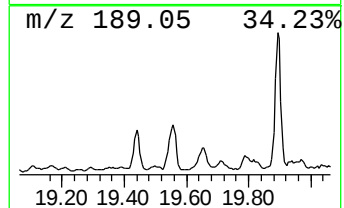
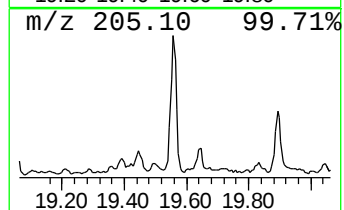
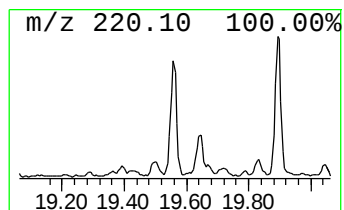
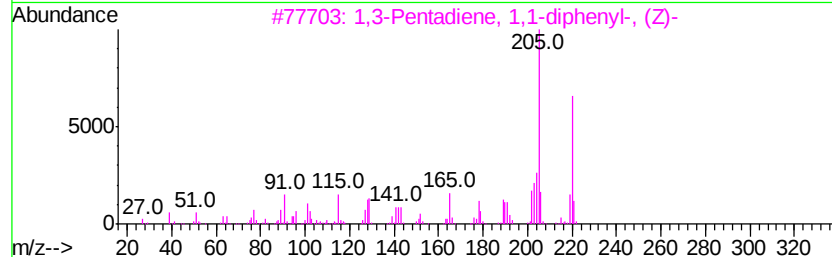
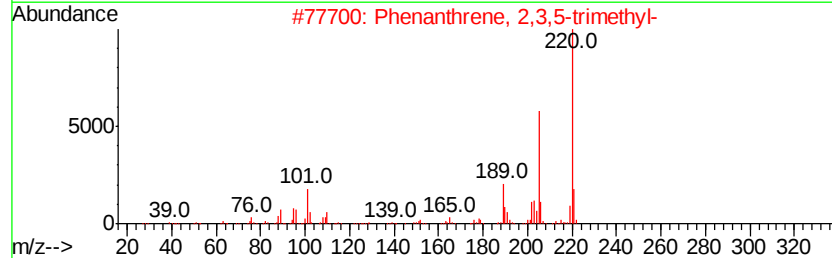
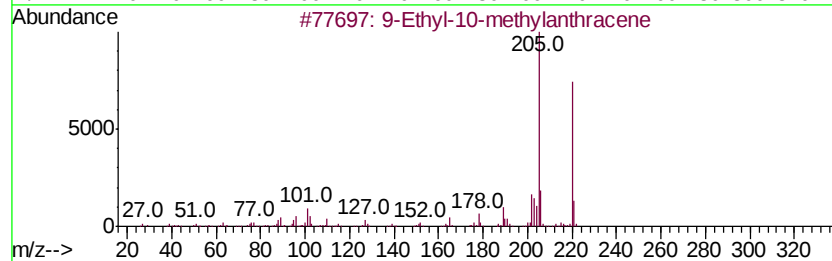
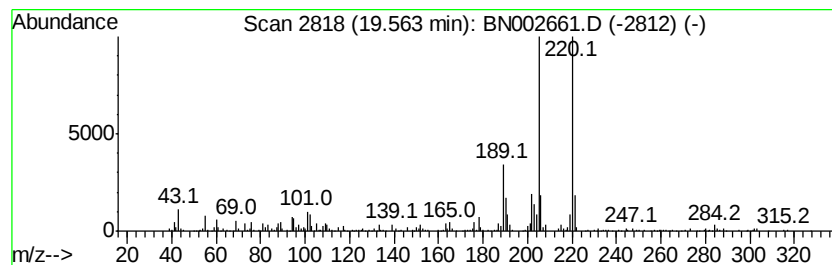
Instrument :
BNA_N
ClientSampleId :
A3YZ0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 9-Ethyl-10-methylantracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.56	4.50 ng/ul	569681	Chrysene-d12	21.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9-Ethyl-10-methylantracene	220 C17H16	019713-49-6	93
2	Phenanthrene, 2,3,5-trimethyl-	220 C17H16	003674-73-5	89
3	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220 C17H16	015295-31-5	74
4	Benzo[b]dihdropyran, 6-hydroxy-...	220 C14H20O2	050442-70-1	64
5	1-Ethyl-2-methylphenanthrene	220 C17H16	061983-53-7	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091218\
Data File : BN002661.D
Acq On : 12 Sep 2018 18:52
Operator : JU/SJ
Sample : J4792-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3YZ0

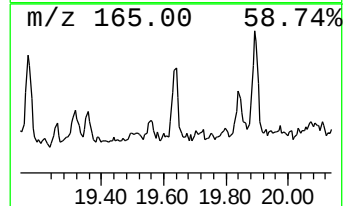
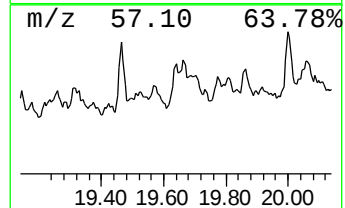
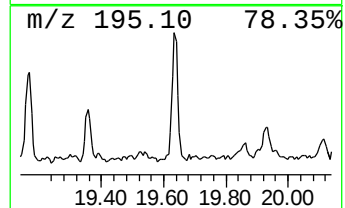
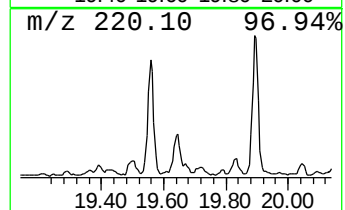
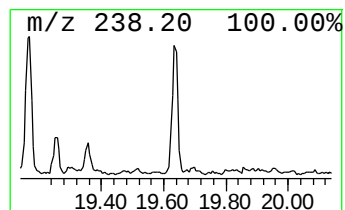
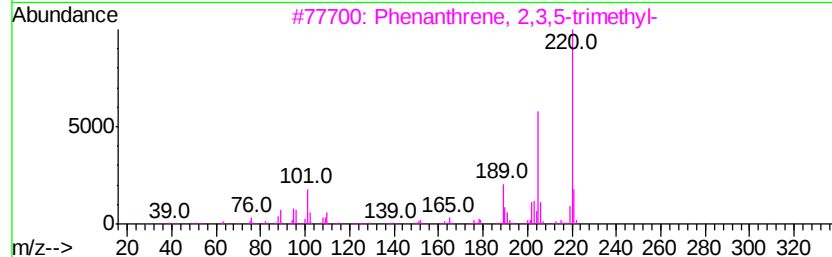
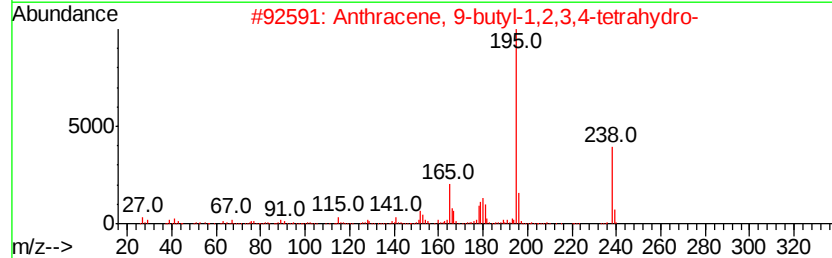
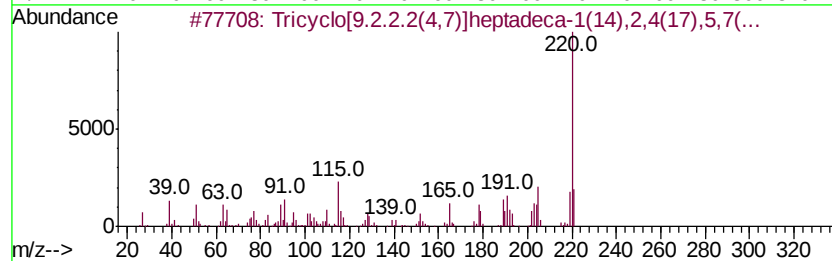
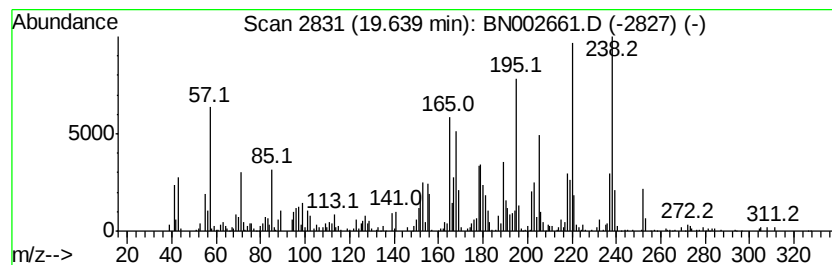
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 12 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	4.24 ng/ul	536438	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricyclo[9.2.2.2(4,7)]heptadeca-...	220	C17H16	049576-90-1	43
2		Anthracene, 9-butyl-1,2,3,4-tetr...	238	C18H22	1000151-39-2	43
3		Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	25
4		6,7,8,9-Benzo[b]fluorene	220	C17H16	1000080-15-6	25
5		2-Amino-5-isopropyl-3,8-dimethyl...	238	C16H18N2	093018-84-9	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002661.D
Acq On : 12 Sep 2018 18:52
Operator : JU/SJ
Sample : J4792-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

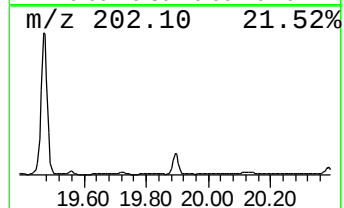
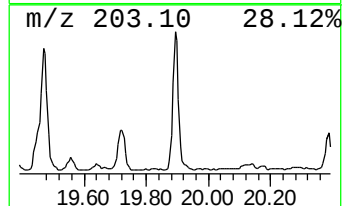
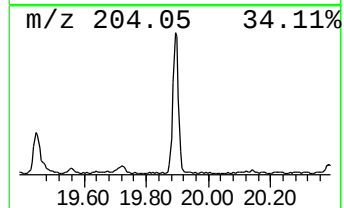
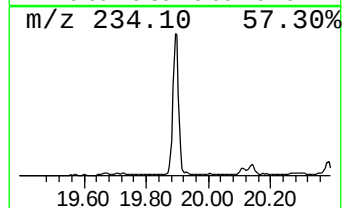
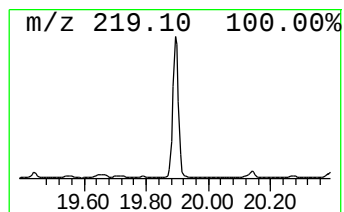
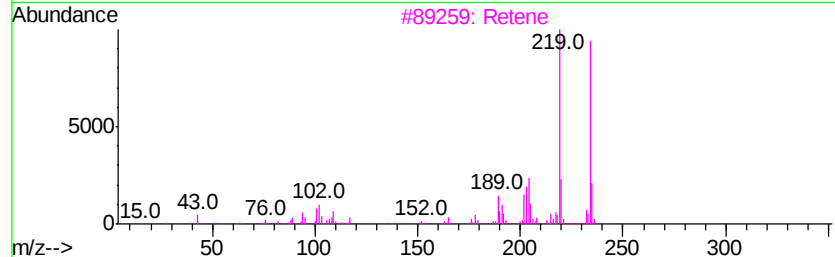
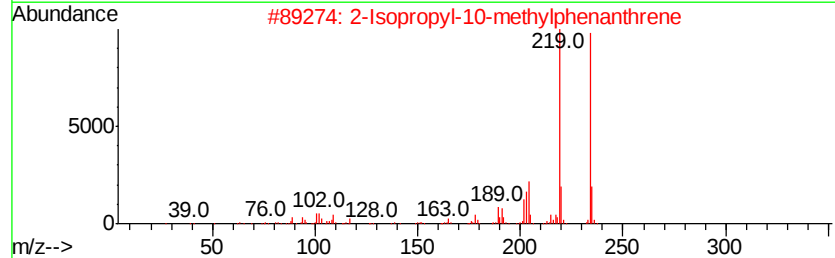
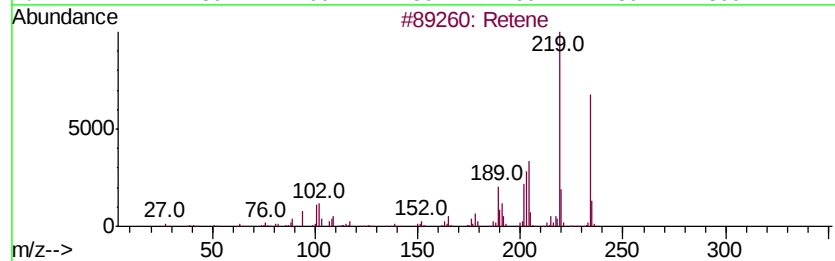
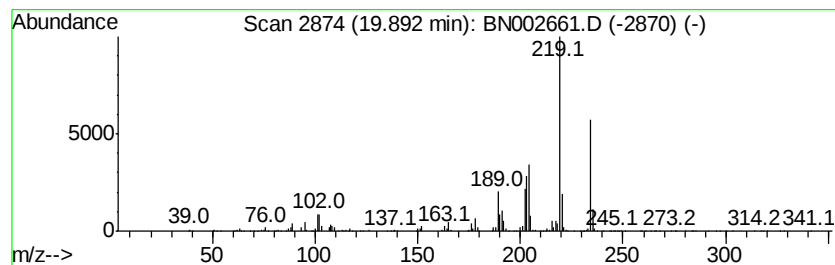
Instrument :
BNA_N
ClientSampleId :
A3YZ0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 Retene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	13.20 ng/ul	1669730	Chrysene-d12	21.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Retene		234 C18H18	000483-65-8 99
2	2-Isopropyl-10-methylphenanthrene		234 C18H18	066552-97-4 95
3	Retene		234 C18H18	000483-65-8 93
4	Retene		234 C18H18	000483-65-8 91
5	Phenanthrene, 2,4,5,7-tetramethyl-		234 C18H18	007396-38-5 58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091218\
Data File : BN002661.D
Acq On : 12 Sep 2018 18:52
Operator : JU/SJ
Sample : J4792-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3YZ0

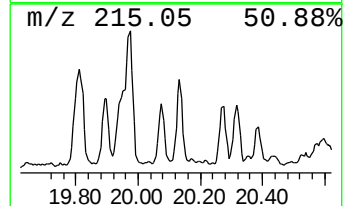
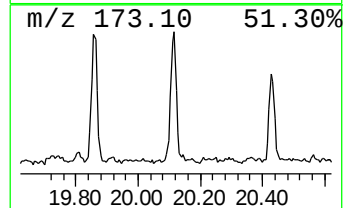
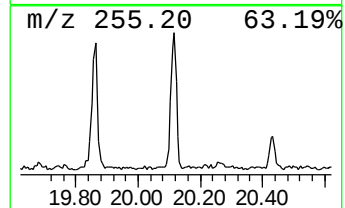
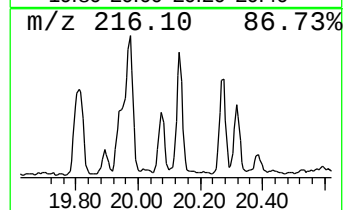
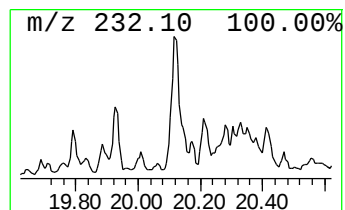
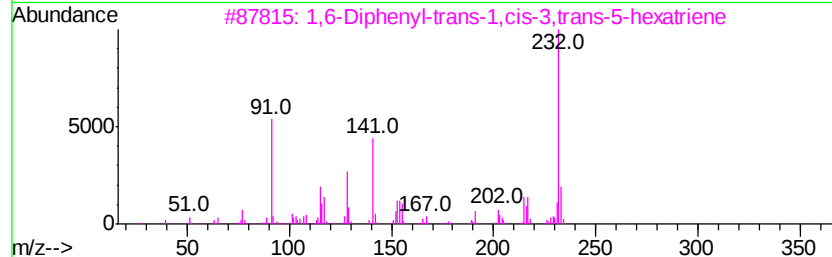
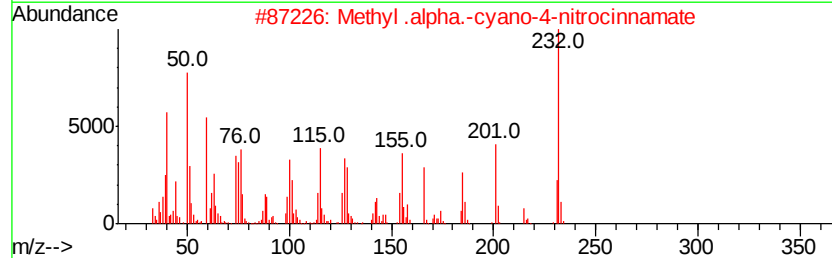
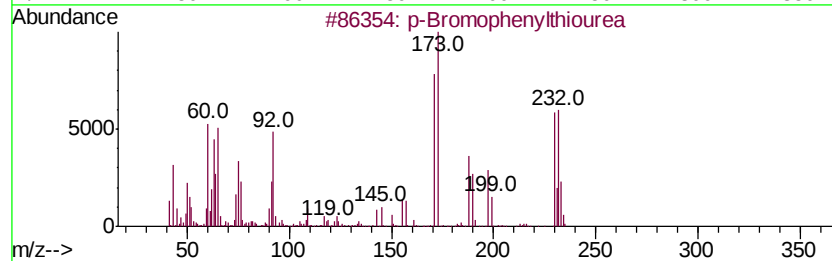
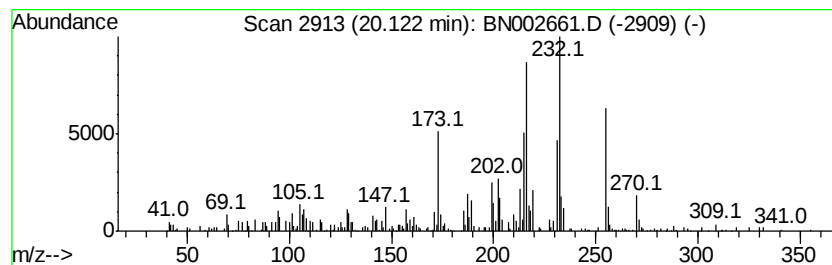
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 unknown-02 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.12	3.73 ng/ul	471253	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Bromophenylthiourea	230	C7H7BrN2S	002646-30-2	46
2		Methyl .alpha.-cyano-4-nitrocinn...	232	C11H8N2O4	062985-31-3	25
3		1,6-Diphenyl-trans-1,cis-3,trans...	232	C18H16	038557-34-5	25
4		Phenanthrene, 1,2,3,4,4a,9,10,10...	270	C20H30	019407-28-4	25
5		S-Indacene-1,7-dione, 2,3,5,6-te...	270	C18H22O2	055591-16-7	20



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002661.D
Acq On : 12 Sep 2018 18:52
Operator : JU/SJ
Sample : J4792-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3YZ0

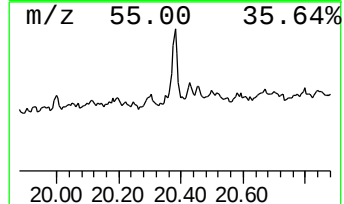
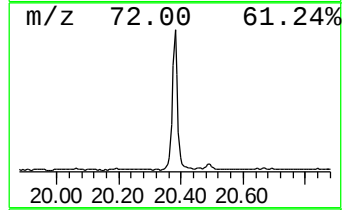
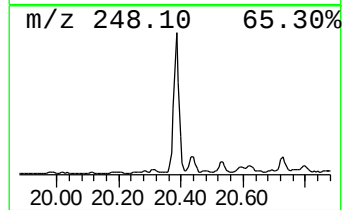
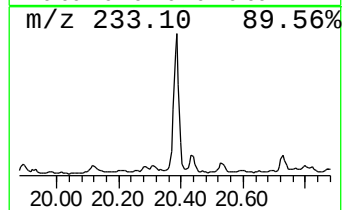
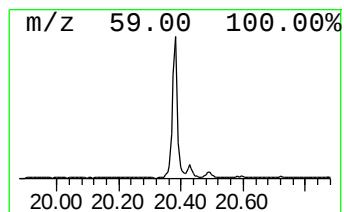
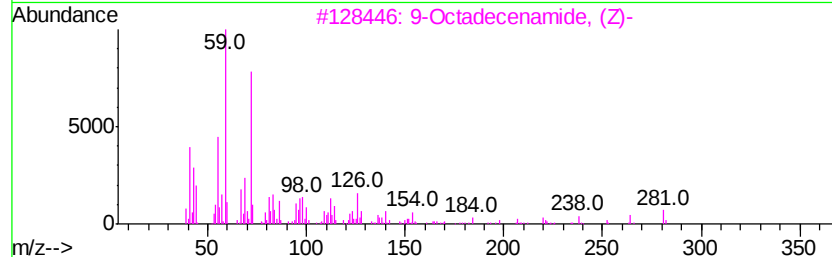
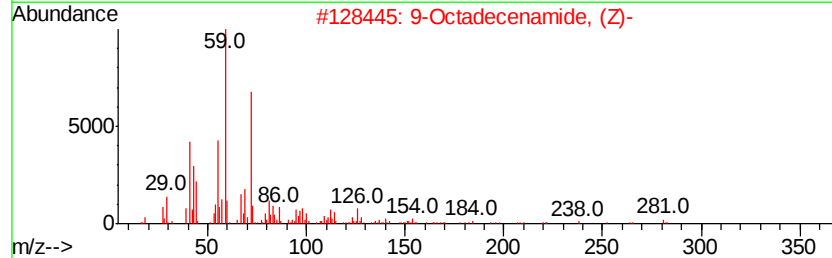
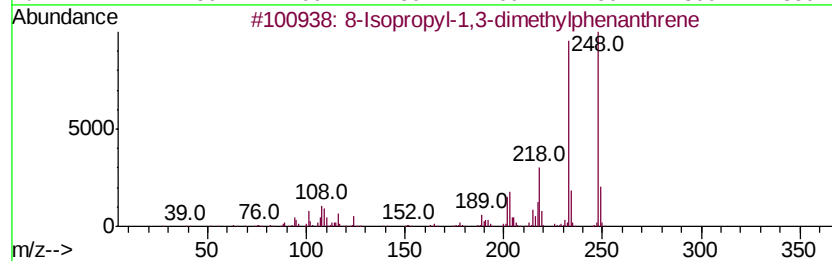
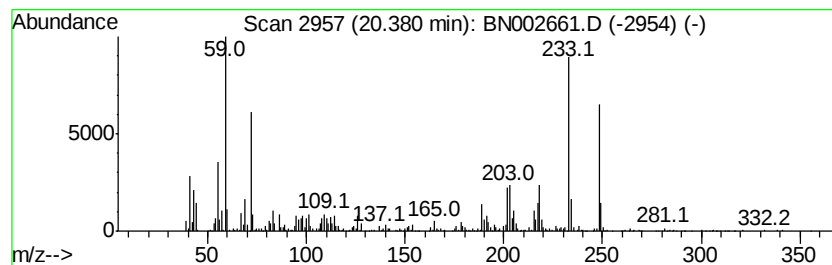
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 15 8-Isopropyl-1,3-dimethylphe... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	6.87 ng/ul	869603	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8-Isopropyl-1,3-dimethylphenanth...	248	C19H20	135886-06-5	97
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
3		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	56
4		2-Acetyl-9,10-dimethylanthracene	248	C18H16O	015254-37-2	43
5		2,4,6-Triisopropylbenzoic acid	248	C16H24O2	049623-71-4	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002661.D
Acq On : 12 Sep 2018 18:52
Operator : JU/SJ
Sample : J4792-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3YZ0

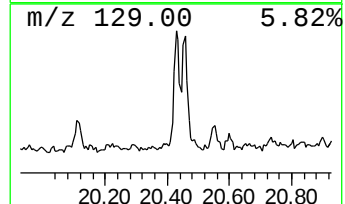
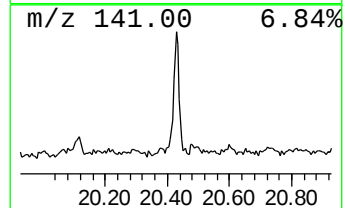
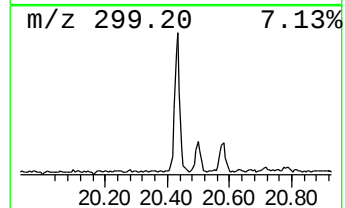
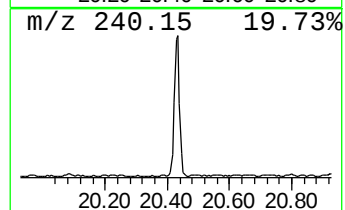
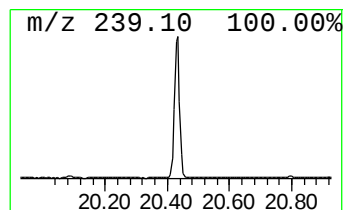
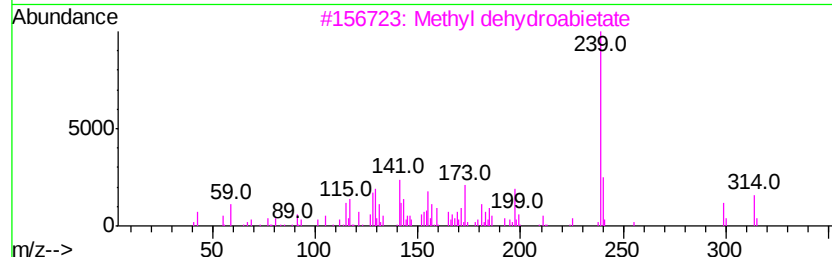
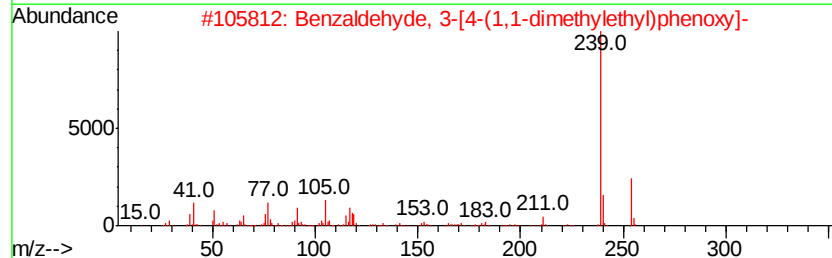
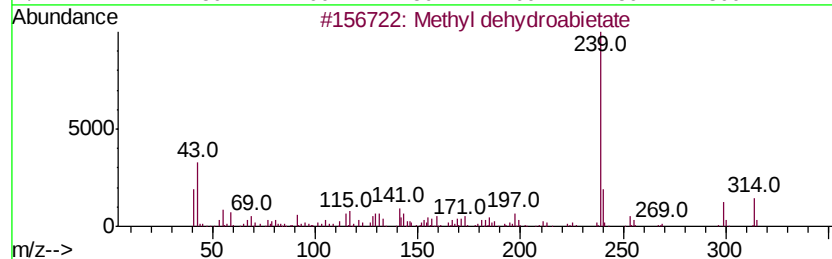
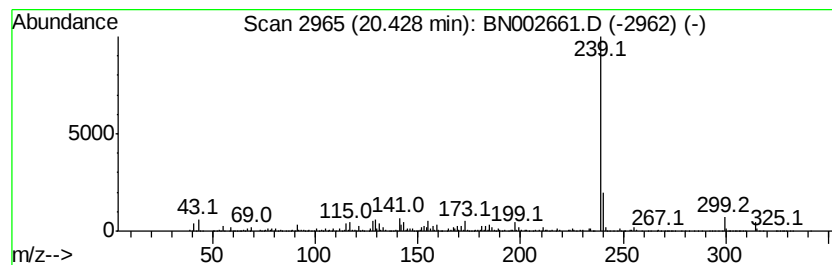
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 Methyl dehydroabietate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	9.09 ng/ul	1149450	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl dehydroabietate	314	C21H30O2	001235-74-1	91
2		Benzaldehyde, 3-[4-(1,1-dimethyl...	254	C17H18O2	069770-23-6	59
3		Methyl dehydroabietate	314	C21H30O2	001235-74-1	48
4		9,10-Anthracenedione, 1-amino-4-...	239	C14H9NO3	000116-85-8	45
5		Phthalic acid, di(3-methylphenyl...	346	C22H18O4	1000315-37-3	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002661.D
Acq On : 12 Sep 2018 18:52
Operator : JU/SJ
Sample : J4792-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3YZ0

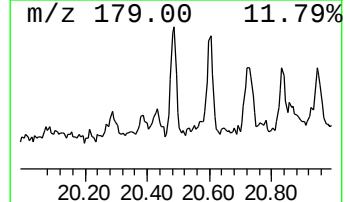
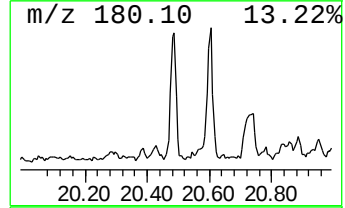
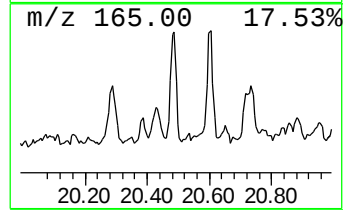
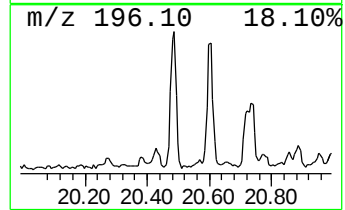
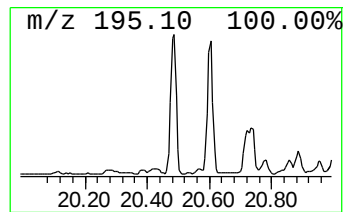
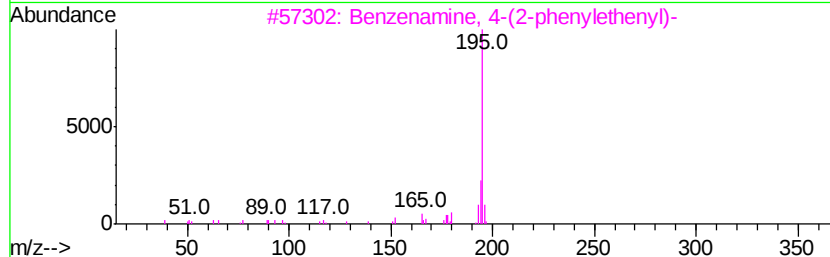
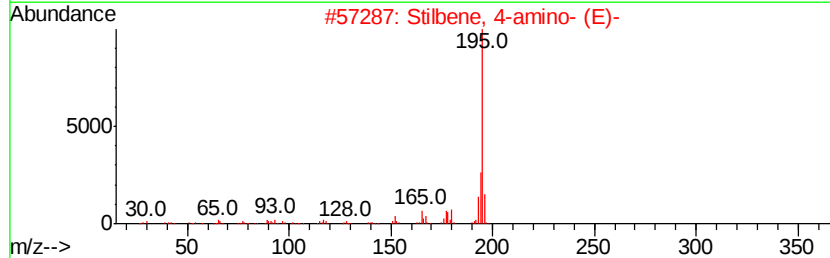
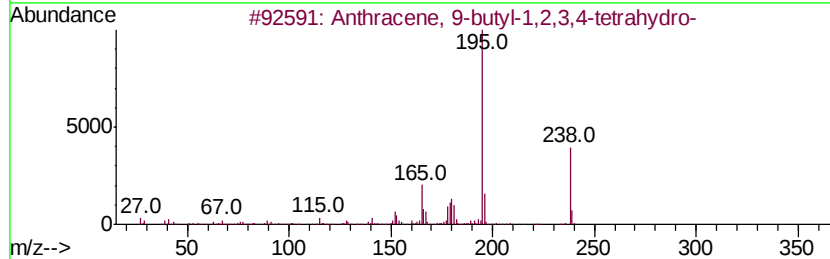
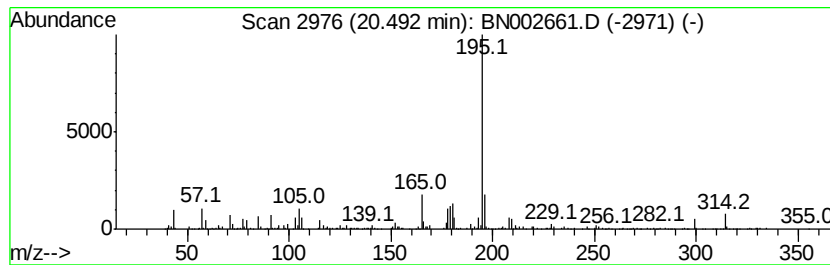
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 17 Anthracene, 9-butyl-1,2,3,4... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.49	3.70 ng/ul	468659	Chrysene-d12	21.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-butyl-1,2,3,4-tetr...	238	C18H22	1000151-39-2	72
2		Stilbene, 4-amino- (E)-	195	C14H13N	004309-66-4	64
3		Benzenamine, 4-(2-phenylethenyl)-	195	C14H13N	000834-24-2	59
4		9-Anthracenamine, 9,10-dihydro-	195	C14H13N	097825-91-7	59
5		Anthracene, 1,2,3,4-tetrahydro-9...	224	C17H20	101580-33-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002661.D
Acq On : 12 Sep 2018 18:52
Operator : JU/SJ
Sample : J4792-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3YZ0

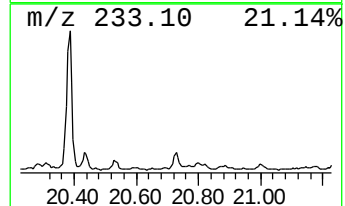
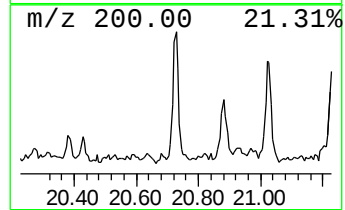
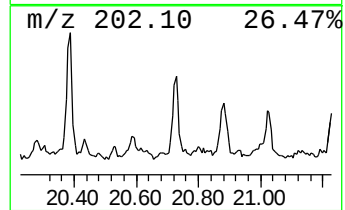
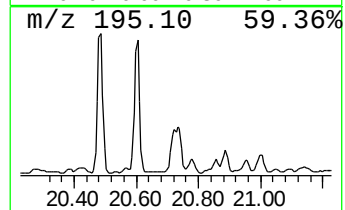
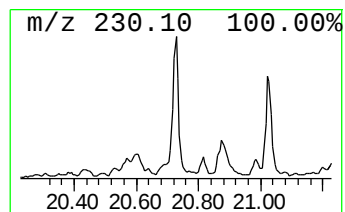
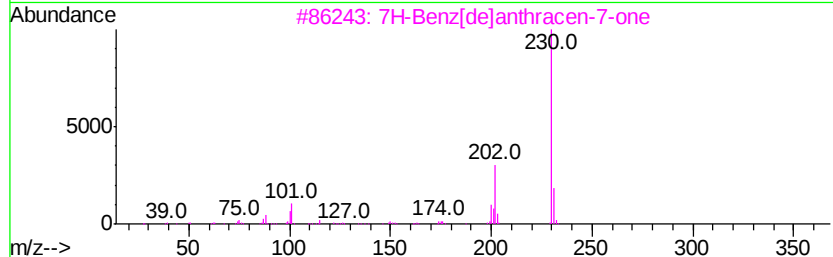
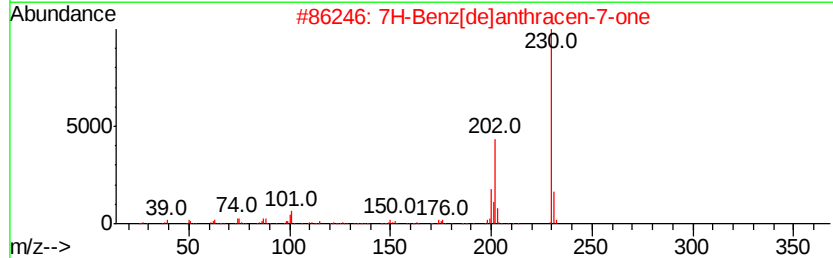
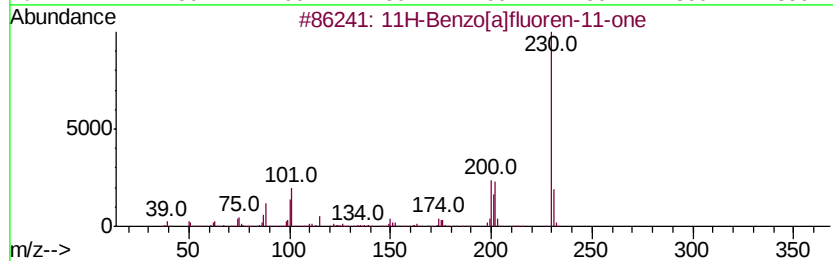
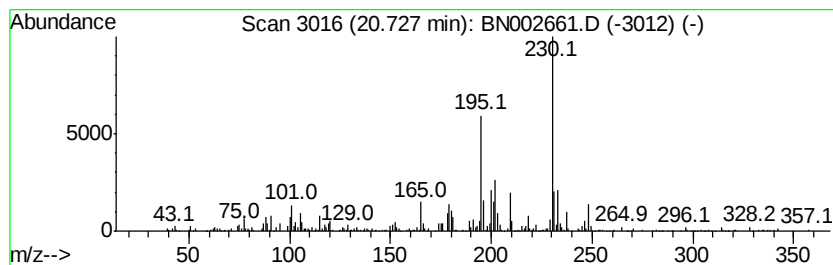
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 19 11H-Benzo[a]fluoren-11-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	4.18 ng/ul	528569	Chrysene-d12	21.25

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	66
3		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	50
4		4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	49
5		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091218\
 Data File : BN002661.D
 Acq On : 12 Sep 2018 18:52
 Operator : JU/SJ
 Sample : J4792-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A3YZ0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.83	2.1	ng/ul	111886	1	7.66	1076000	20.0
9-Anthracenamine,...	16.00	5.4	ng/ul	621560	4	17.04	2310020	20.0
Carbazole, 1,5,7-...	16.81	3.4	ng/ul	396508	4	17.04	2310020	20.0
Phenanthrene, 2-m...	17.92	2.9	ng/ul	334354	4	17.04	2310020	20.0
Phenanthrene, 4-m...	17.96	4.7	ng/ul	537812	4	17.04	2310020	20.0
Benzaldehyde, 3,5...	18.12	2.6	ng/ul	295282	4	17.04	2310020	20.0
4b,8-Dimethyl-2-i...	18.39	2.2	ng/ul	257338	4	17.04	2310020	20.0
di-p-Tolylacetylene	18.94	3.6	ng/ul	421703	4	17.04	2310020	20.0
3,4'-Diisopropylb...	19.17	2.8	ng/ul	355593	5	21.25	2530080	20.0
9-Ethyl-10-methyl...	19.56	4.5	ng/ul	569681	5	21.25	2530080	20.0
unknown-01	19.64	4.2	ng/ul	536438	5	21.25	2530080	20.0
Retene	19.89	13.2	ng/ul	1669730	5	21.25	2530080	20.0
unknown-02	20.12	3.7	ng/ul	471253	5	21.25	2530080	20.0
8-Isopropyl-1,3-d...	20.38	6.9	ng/ul	869603	5	21.25	2530080	20.0
Methyl dehydroabi...	20.43	9.1	ng/ul	1149450	5	21.25	2530080	20.0
Anthracene, 9-but...	20.49	3.7	ng/ul	468659	5	21.25	2530080	20.0
11H-Benzo[a]fluor...	20.73	4.2	ng/ul	528569	5	21.25	2530080	20.0