

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
 Data File : BN006453.D
 Acq On : 21 Jun 2019 06:21
 Operator : JU/SJ
 Sample : K3360-19
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4201

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-BN061919MA.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	3.858	143	148	160	rVB	222112	341946	1.70%	0.126%
2	6.805	642	649	665	rBV	1564607	2752469	13.70%	1.016%
3	6.964	669	676	698	rVB	1412897	2149726	10.70%	0.794%
4	7.158	702	709	722	rBV	1623665	2635156	13.12%	0.973%
5	7.622	781	788	798	rBV	1101426	1753925	8.73%	0.648%
6	8.334	902	909	926	rBV	1923650	3103505	15.45%	1.146%
7	8.781	978	985	1004	rBV	1609591	2715375	13.52%	1.003%
8	9.499	1100	1107	1124	rBV	1354356	2280220	11.35%	0.842%
9	10.034	1191	1198	1210	rBV	2015795	3343048	16.64%	1.234%
10	10.405	1253	1261	1267	rBV	1727375	2785409	13.86%	1.029%
11	10.546	1277	1285	1309	rBV	1641203	2999207	14.93%	1.108%
12	13.693	1814	1820	1825	rVV	3704641	5105725	25.41%	1.885%
13	13.740	1825	1828	1836	rVB	627931	810113	4.03%	0.299%
14	13.969	1860	1867	1881	rBV	4168336	6188278	30.80%	2.285%
15	14.281	1910	1920	1926	rBV2	2460366	3778166	18.80%	1.395%
16	14.346	1926	1931	1939	rVV	1082420	1618351	8.05%	0.598%
17	14.504	1950	1958	1969	rBV	1148644	1886595	9.39%	0.697%
18	14.681	1982	1988	1998	rVV	632188	1031113	5.13%	0.381%
19	15.281	2082	2090	2095	rVV	5509142	7646254	38.06%	2.823%
20	15.334	2095	2099	2109	rVV	1410733	2009855	10.00%	0.742%
21	15.422	2109	2114	2119	rVV	1326674	1897922	9.45%	0.701%
22	15.498	2123	2127	2133	rVV2	180424	390002	1.94%	0.144%
23	15.628	2145	2149	2158	rVB	252357	375069	1.87%	0.138%
24	15.775	2166	2174	2182	rVV	256072	530962	2.64%	0.196%
25	16.340	2258	2270	2275	rBV3	216118	530852	2.64%	0.196%
26	16.692	2326	2330	2338	rVV	244502	368320	1.83%	0.136%
27	16.787	2338	2346	2351	rVV2	242585	523879	2.61%	0.193%
28	16.851	2352	2357	2367	rVB	755570	1147321	5.71%	0.424%
29	17.040	2379	2389	2392	rBV	2927699	4608918	22.94%	1.702%
30	17.087	2392	2397	2401	rVV	11024458	16877204	84.00%	6.232%
31	17.140	2401	2406	2409	rVV	5784003	8380318	41.71%	3.095%
32	17.169	2409	2411	2417	rVV	2631482	3269602	16.27%	1.207%
33	17.445	2449	2458	2472	rVV	975448	1673367	8.33%	0.618%
34	17.557	2472	2477	2483	rVV2	211559	328468	1.63%	0.121%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061919\
 Data File : BN006453.D
 Acq On : 21 Jun 2019 06:21
 Operator : JU/SJ
 Sample : K3360-19
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4201

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-BN061919MA.M
 Title : SVOA CALIBRATION

35	17.910	2532	2537	2541	rVV	983670	1478387	7.36%	0.546%
36	17.963	2541	2546	2552	rVV	1491877	2278231	11.34%	0.841%
37	18.045	2554	2560	2565	rVV	353961	556749	2.77%	0.206%
38	18.110	2565	2571	2575	rVV3	1962172	3225196	16.05%	1.191%
39	18.145	2575	2577	2586	rVB	620608	720148	3.58%	0.266%
40	18.416	2619	2623	2628	rVV	975492	1357443	6.76%	0.501%
41	18.469	2628	2632	2641	rVV	990747	1379126	6.86%	0.509%
42	18.669	2658	2666	2670	rBV2	223892	373682	1.86%	0.138%
43	18.839	2690	2695	2700	rBV	382435	638456	3.18%	0.236%
44	18.904	2700	2706	2709	rVV2	199735	394400	1.96%	0.146%
45	18.992	2715	2721	2727	rBV3	332695	648381	3.23%	0.239%
46	19.116	2733	2742	2747	rBV	13414529	20091389	100.00%	7.419%
47	19.351	2770	2782	2786	rBV2	514937	1244157	6.19%	0.459%
48	19.451	2792	2799	2801	rBV2	8327099	13109487	65.25%	4.841%
49	19.481	2801	2804	2811	rVV	11103631	15386688	76.58%	5.682%
50	19.545	2811	2815	2822	rVB2	610842	896064	4.46%	0.331%
51	19.657	2822	2834	2840	rBV	890597	1352889	6.73%	0.500%
52	19.716	2840	2844	2849	rVB	293097	394020	1.96%	0.145%
53	19.804	2853	2859	2865	rBV4	647696	1637187	8.15%	0.605%
54	19.863	2865	2869	2872	rBV	254516	322548	1.61%	0.119%
55	19.939	2877	2882	2884	rBV2	453926	753914	3.75%	0.278%
56	19.975	2884	2888	2894	rVB	2080904	2980331	14.83%	1.101%
57	20.075	2901	2905	2909	rBV	1841854	2411186	12.00%	0.890%
58	20.133	2909	2915	2919	rVV2	890472	1558710	7.76%	0.576%
59	20.175	2919	2922	2926	rVV	656019	813840	4.05%	0.301%
60	20.216	2926	2929	2933	rVB2	242859	321207	1.60%	0.119%
61	20.275	2935	2939	2943	rBV	396525	502448	2.50%	0.186%
62	20.322	2943	2947	2951	rVV3	446489	595123	2.96%	0.220%
63	20.610	2992	2996	3000	rVB2	301223	451428	2.25%	0.167%
64	20.692	3006	3010	3013	rBV2	288218	432096	2.15%	0.160%
65	20.733	3013	3017	3023	rVB	704469	978042	4.87%	0.361%
66	20.898	3038	3045	3048	rBV2	1475933	2120035	10.55%	0.783%
67	20.933	3048	3051	3054	rVV	1189878	1533554	7.63%	0.566%
68	20.975	3054	3058	3063	rVV3	1485985	2971339	14.79%	1.097%
69	21.033	3065	3068	3078	rVB	904870	1387776	6.91%	0.512%
70	21.139	3079	3086	3088	rBV	447403	751634	3.74%	0.278%
71	21.169	3088	3091	3095	rVV	545091	674302	3.36%	0.249%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061919\
 Data File : BN006453.D
 Acq On : 21 Jun 2019 06:21
 Operator : JU/SJ
 Sample : K3360-19
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4201

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-BN061919MA.M
 Title : SVOA CALIBRATION

72	21.245	3096	3104	3109	rVV3	8072500	15954386	79.41%	5.891%
73	21.298	3109	3113	3122	rVV	6650200	9400579	46.79%	3.471%
74	21.410	3128	3132	3139	rVV	1598832	2253620	11.22%	0.832%
75	21.469	3139	3142	3145	rVV3	302743	538090	2.68%	0.199%
76	21.522	3148	3151	3155	rVV	528565	757016	3.77%	0.280%
77	21.569	3155	3159	3164	rVV2	838308	1427998	7.11%	0.527%
78	21.751	3186	3190	3193	rBV2	226792	348918	1.74%	0.129%
79	21.804	3193	3199	3203	rVV	823715	1493297	7.43%	0.551%
80	21.845	3203	3206	3215	rVV3	672263	1704256	8.48%	0.629%
81	21.922	3217	3219	3222	rVV2	337780	500338	2.49%	0.185%
82	21.957	3222	3225	3229	rVV2	462398	749589	3.73%	0.277%
83	22.004	3229	3233	3236	rVV2	622145	1006728	5.01%	0.372%
84	22.033	3236	3238	3244	rVB2	712801	976478	4.86%	0.361%
85	22.098	3244	3249	3254	rVB2	449194	703502	3.50%	0.260%
86	22.298	3277	3283	3287	rBV2	672383	1165750	5.80%	0.430%
87	22.575	3325	3330	3336	rBV2	264647	472044	2.35%	0.174%
88	22.827	3364	3373	3377	rBV	4159372	10316712	51.35%	3.810%
89	22.992	3396	3401	3406	rVB	703283	1100248	5.48%	0.406%
90	23.122	3419	3423	3426	rBV	267139	486117	2.42%	0.180%
91	23.298	3447	3453	3457	rBV	2217627	4030574	20.06%	1.488%
92	23.351	3457	3462	3466	rVV	4376153	8327533	41.45%	3.075%
93	23.398	3466	3470	3477	rVB	3688932	5952059	29.62%	2.198%
94	23.486	3479	3485	3490	rVV	2130224	4123533	20.52%	1.523%
95	23.533	3490	3493	3502	rVB	922685	1703094	8.48%	0.629%
96	23.992	3568	3571	3583	rVB3	423416	1002741	4.99%	0.370%
97	24.727	3691	3696	3707	rVB2	249131	596358	2.97%	0.220%
98	25.721	3856	3865	3875	rVB	1460196	4003999	19.93%	1.479%
99	25.974	3903	3908	3916	rVB	198638	460244	2.29%	0.170%
100	26.404	3972	3981	3994	rBV	847519	2694447	13.41%	0.995%

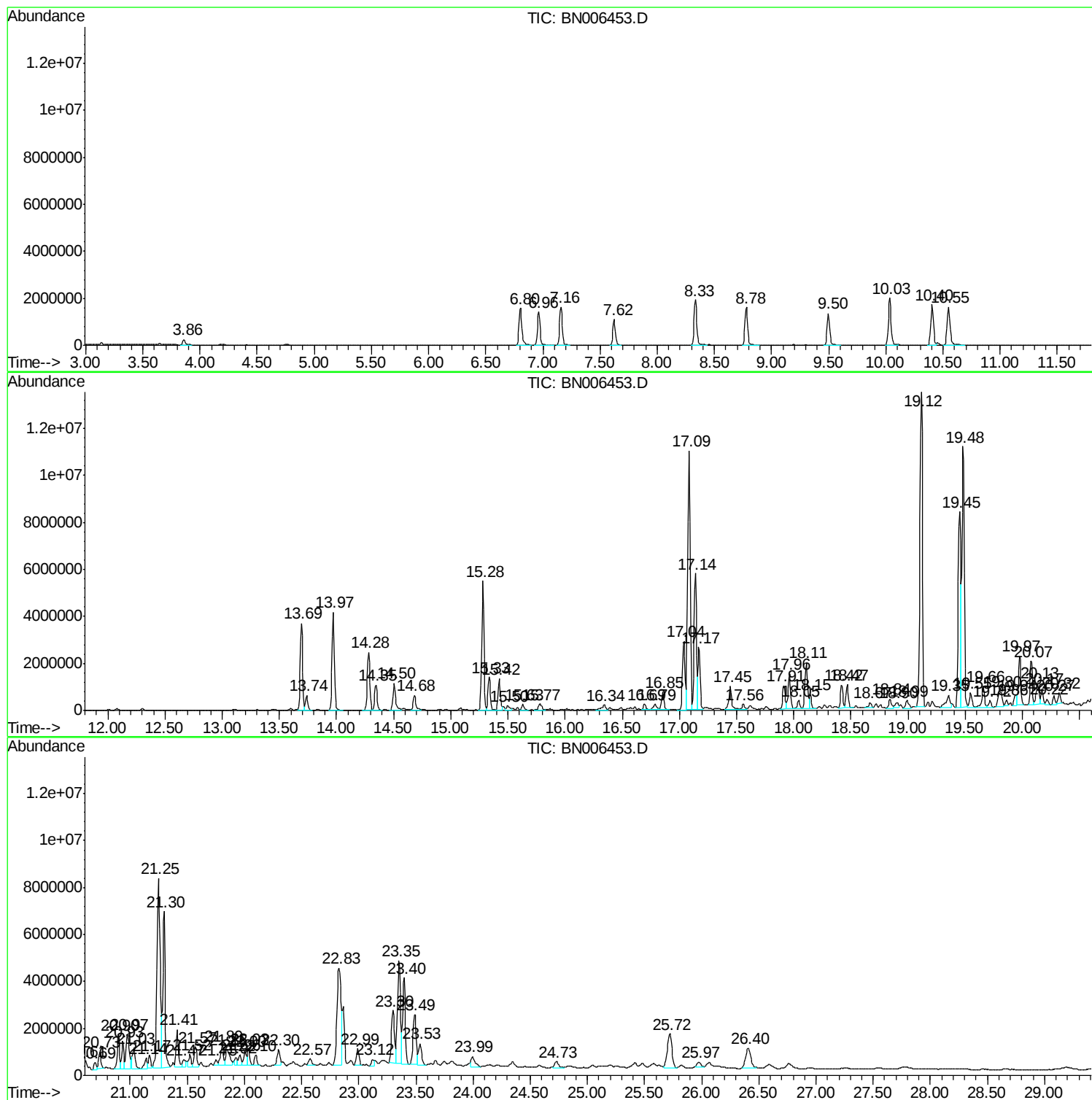
Sum of corrected areas: 270808481

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006453.D
Acq On : 21 Jun 2019 06:21
Operator : JU/SJ
Sample : K3360-19
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4201

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006453.D
Acq On : 21 Jun 2019 06:21
Operator : JU/SJ
Sample : K3360-19
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4201

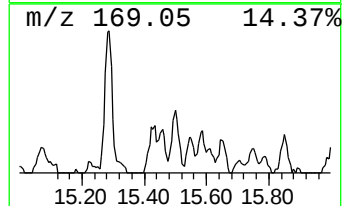
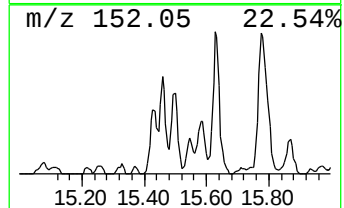
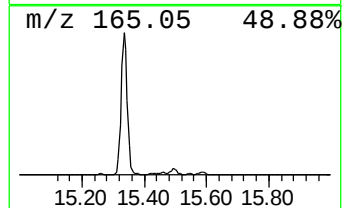
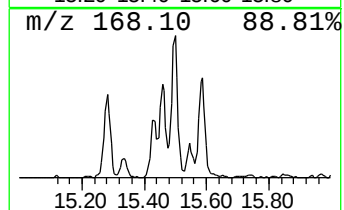
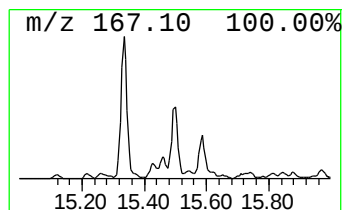
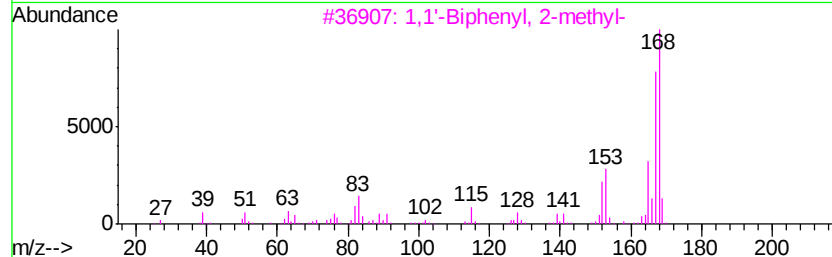
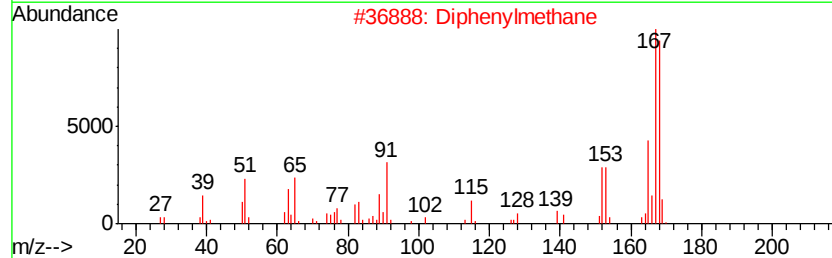
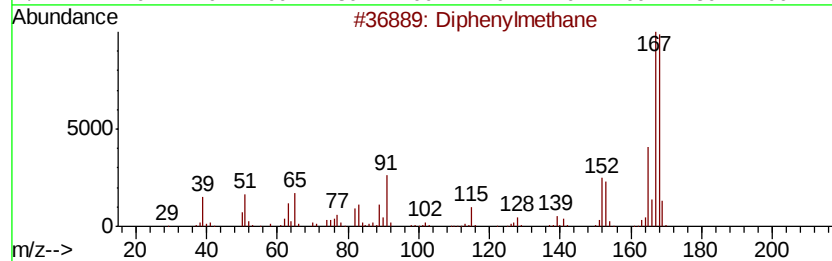
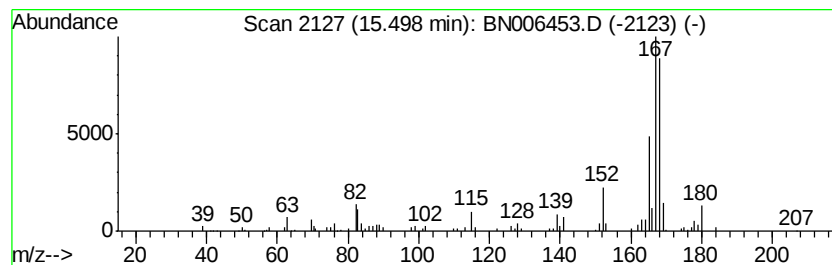
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Diphenylmethane Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	2.06 ng/ul	390002	Acenaphthene-d10	14.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diphenylmethane	168	C13H12	000101-81-5	89
2		Diphenylmethane	168	C13H12	000101-81-5	76
3		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	76
4		Acetamide, N-cycloheptyl-2,2-dip...	307	C21H25NO	351062-01-6	72
5		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006453.D
Acq On : 21 Jun 2019 06:21
Operator : JU/SJ
Sample : K3360-19
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4201

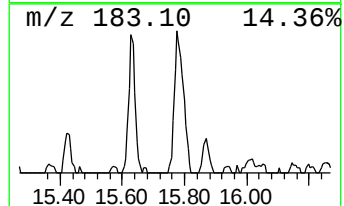
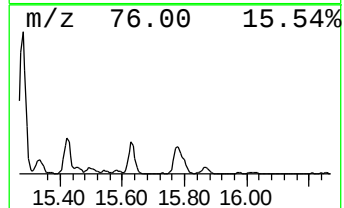
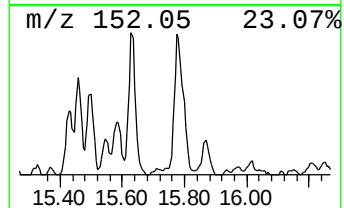
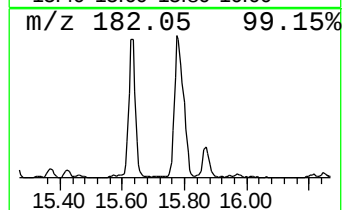
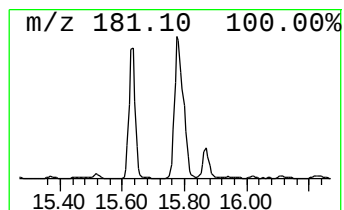
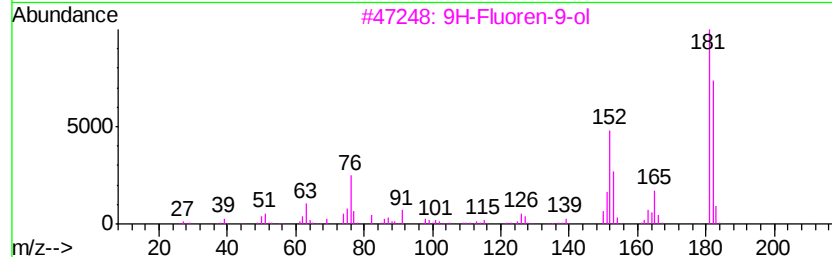
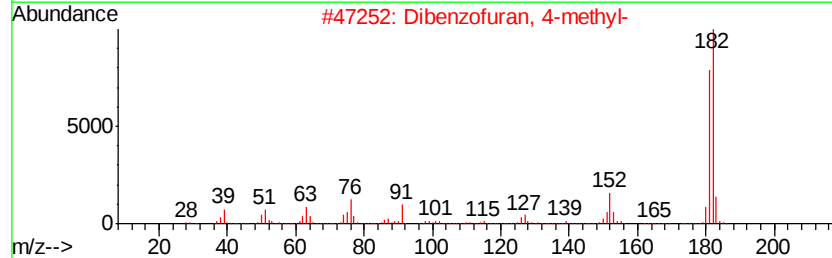
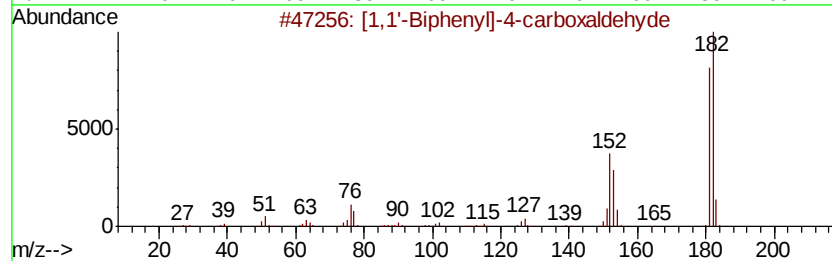
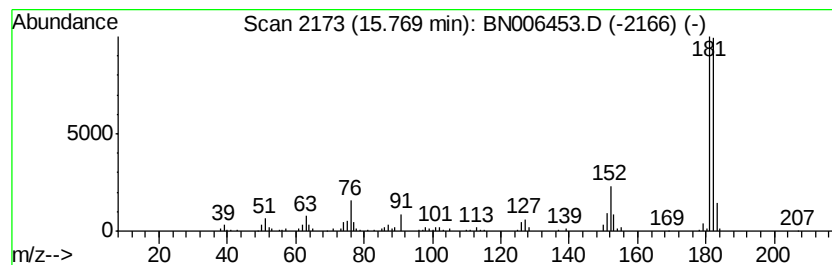
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	2.30 ng/ul	530962	Phenanthrene-d10	17.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	89
3			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
5			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006453.D
Acq On : 21 Jun 2019 06:21
Operator : JU/SJ
Sample : K3360-19
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4201

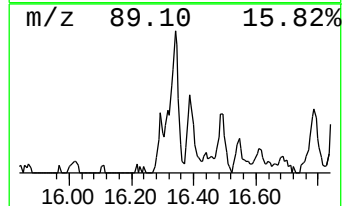
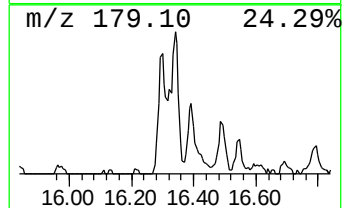
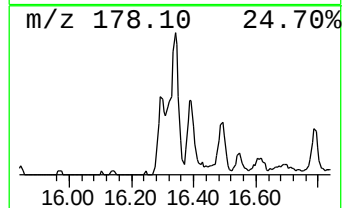
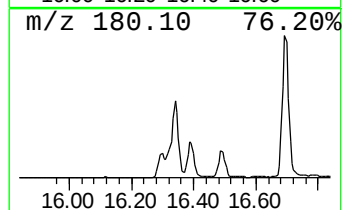
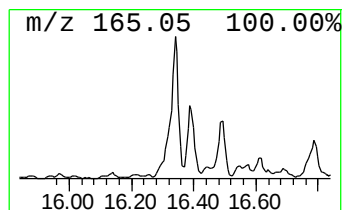
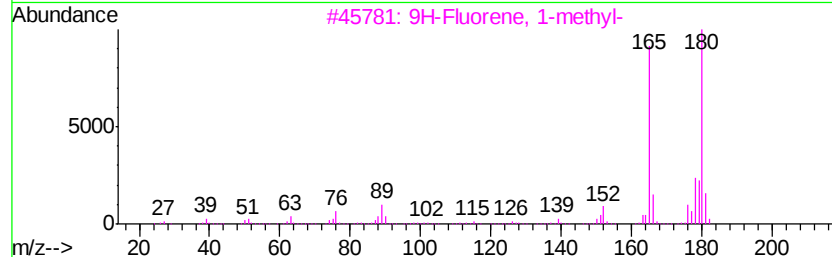
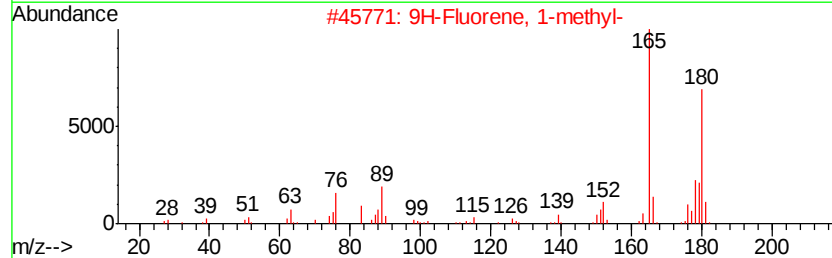
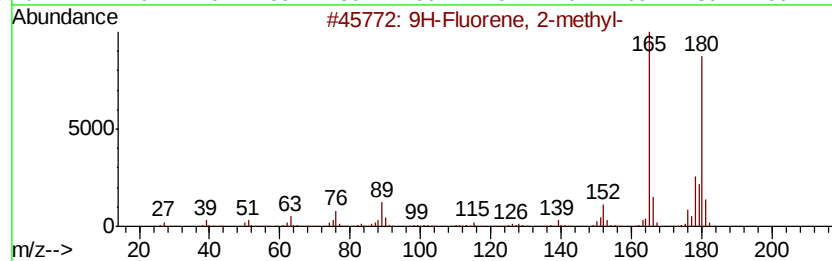
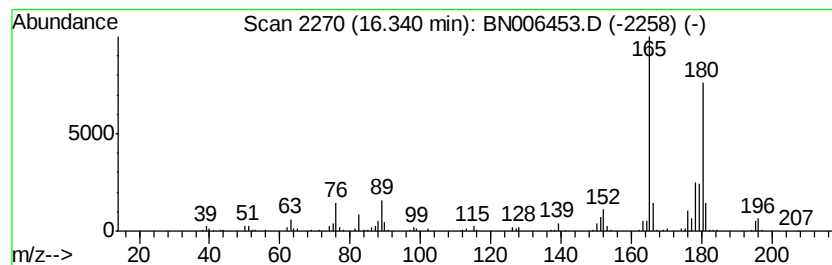
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 9H-Fluorene, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	2.30 ng/ul	530852	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
4		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006453.D
Acq On : 21 Jun 2019 06:21
Operator : JU/SJ
Sample : K3360-19
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4201

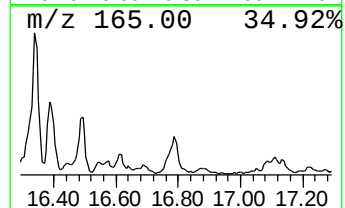
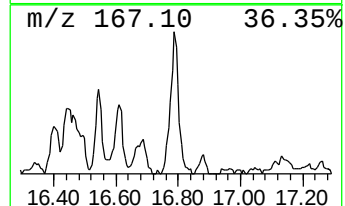
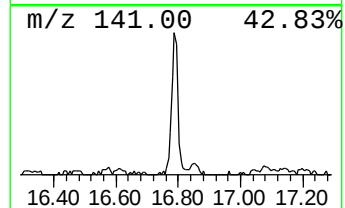
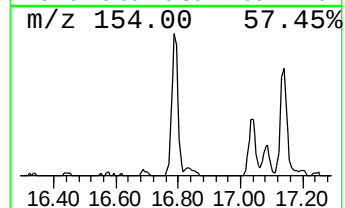
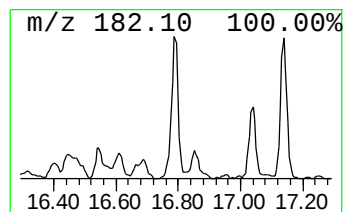
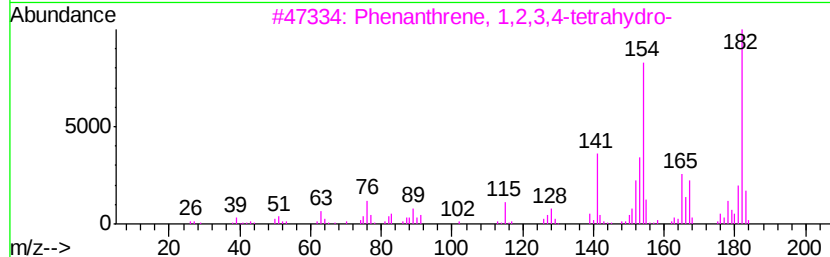
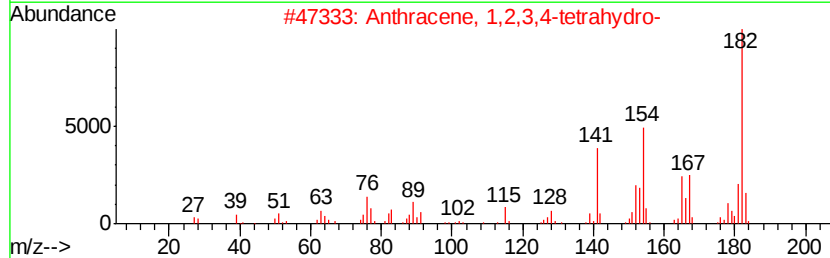
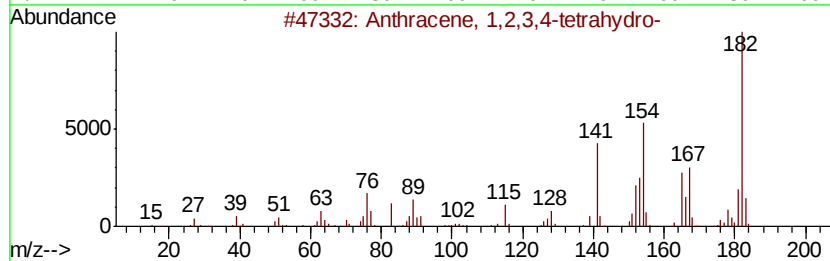
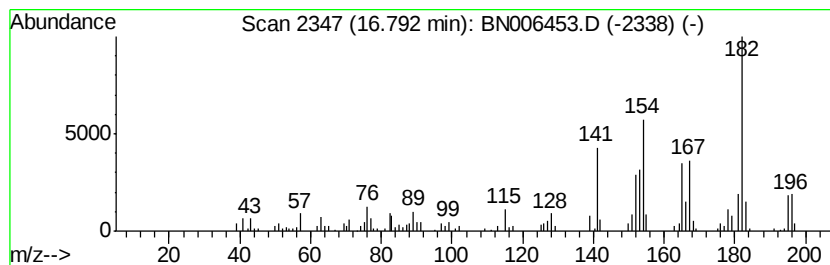
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	2.27 ng/ul	523879	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	98
2		Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	94
3		Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	55
4		1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	55
5		7-Phenylbicyclo[3.2.1]octa-2,6-d...	182	C14H14	1000201-01-7	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006453.D
Acq On : 21 Jun 2019 06:21
Operator : JU/SJ
Sample : K3360-19
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4201

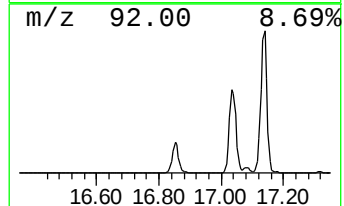
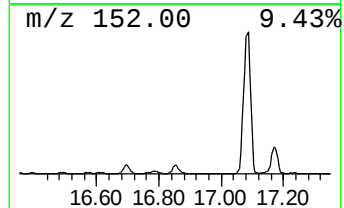
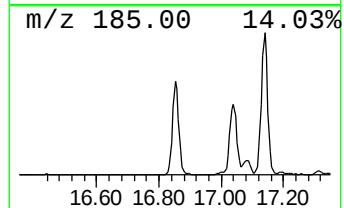
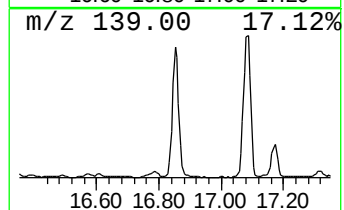
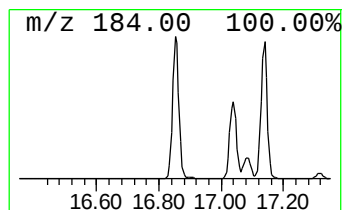
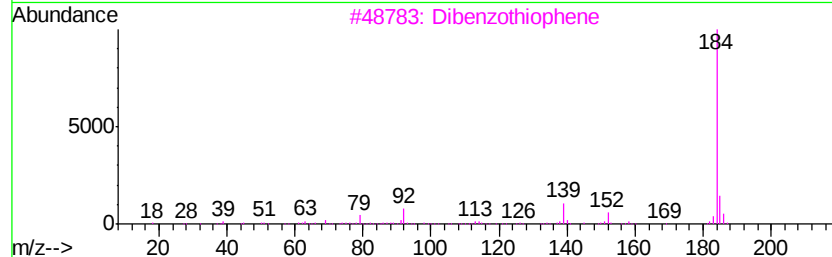
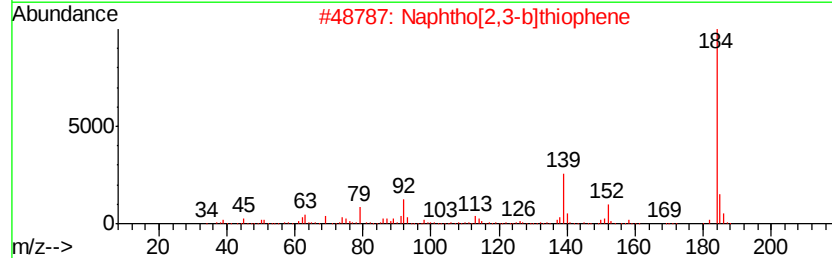
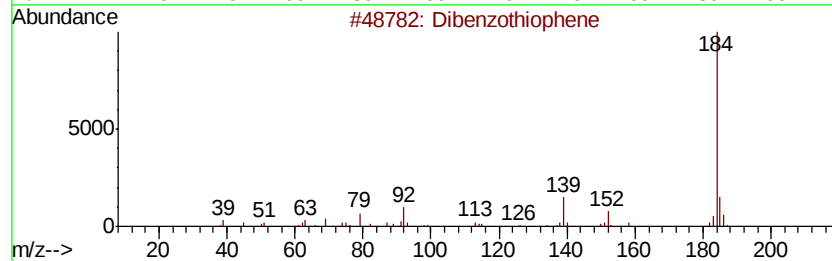
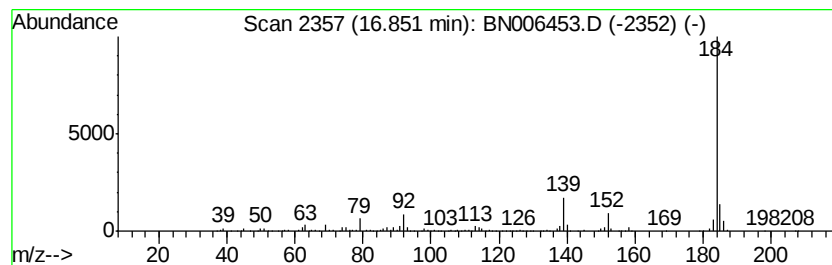
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Dibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	4.98 ng/ul	1147320	Phenanthrene-d10	17.04

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenzothiophene	184	C12H8S	000132-65-0	96
2		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3		Dibenzothiophene	184	C12H8S	000132-65-0	95
4		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006453.D
Acq On : 21 Jun 2019 06:21
Operator : JU/SJ
Sample : K3360-19
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4201

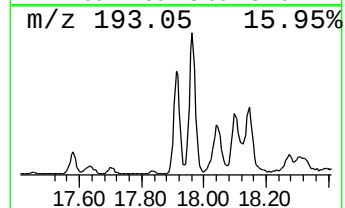
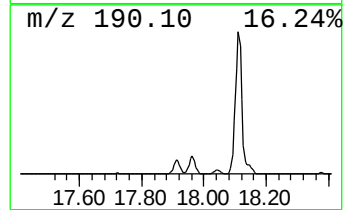
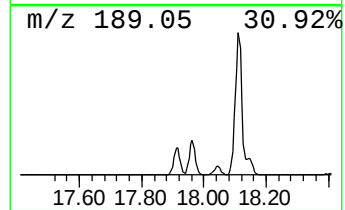
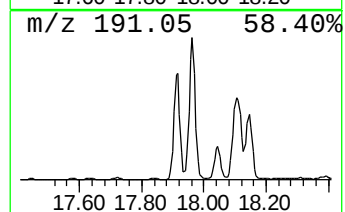
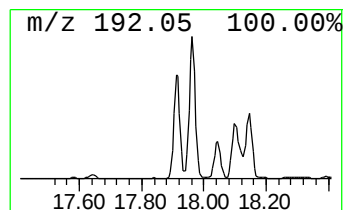
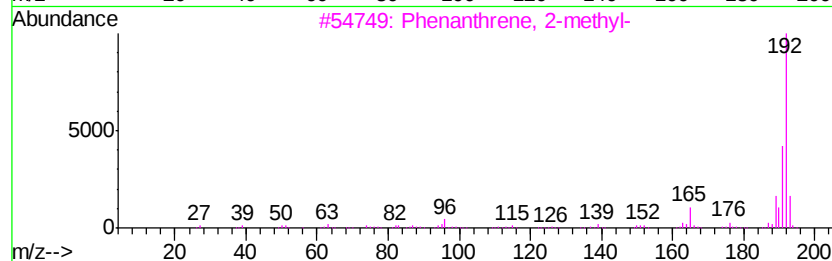
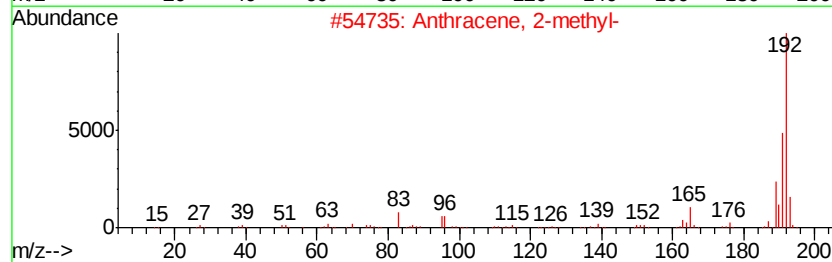
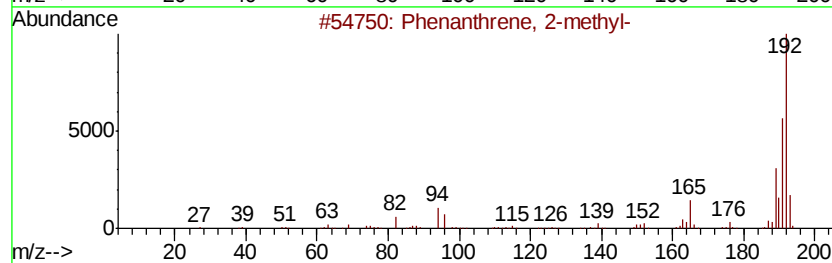
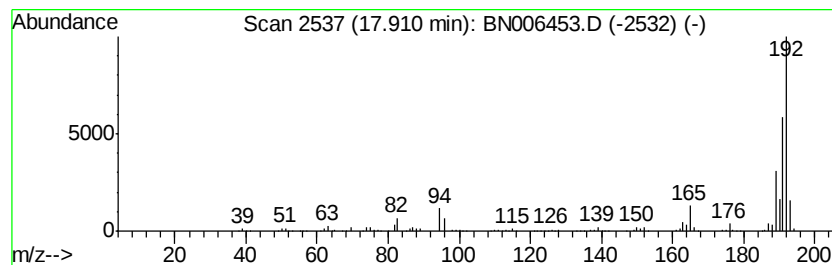
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	6.42 ng/ul	1478390	Phenanthrene-d10	17.04

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006453.D
Acq On : 21 Jun 2019 06:21
Operator : JU/SJ
Sample : K3360-19
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4201

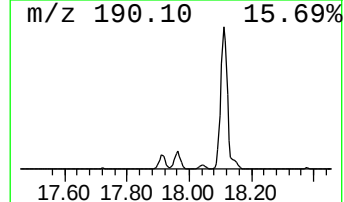
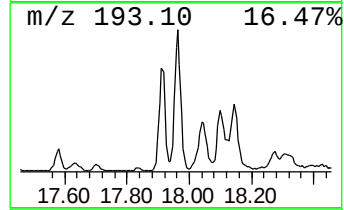
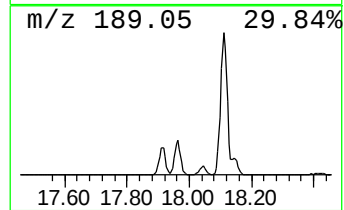
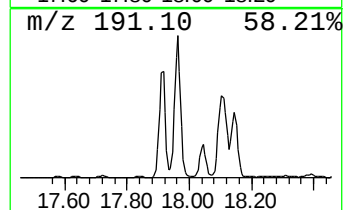
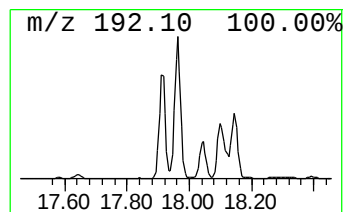
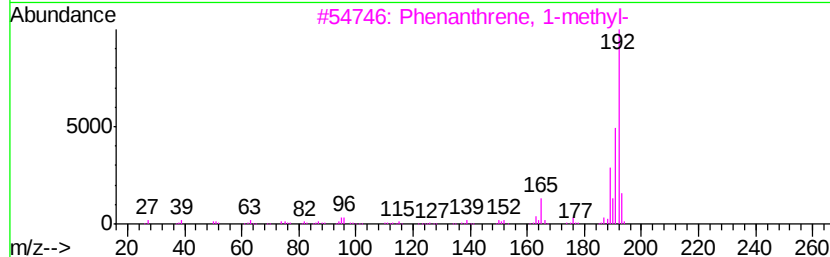
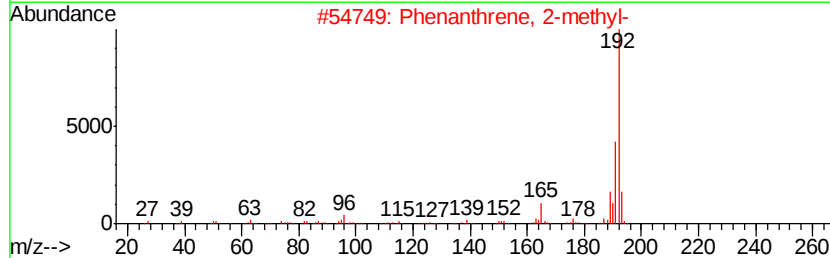
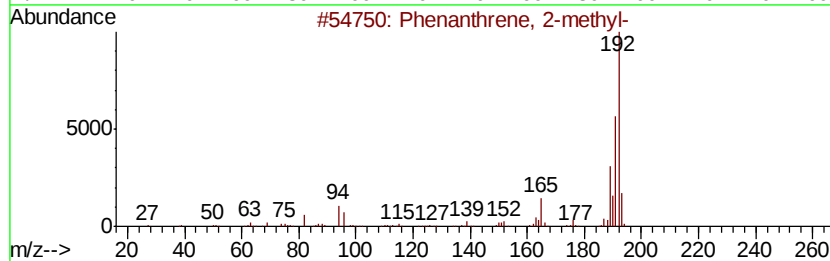
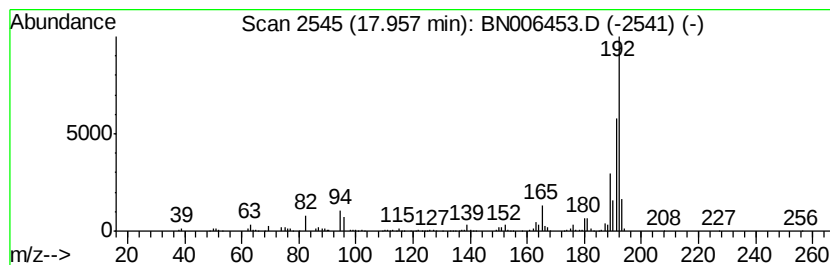
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	9.89 ng/ul	2278230	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006453.D
Acq On : 21 Jun 2019 06:21
Operator : JU/SJ
Sample : K3360-19
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4201

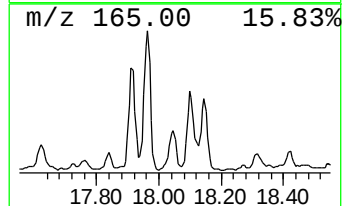
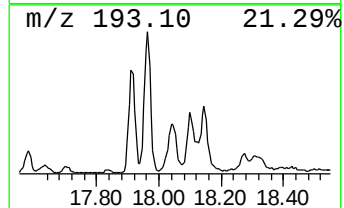
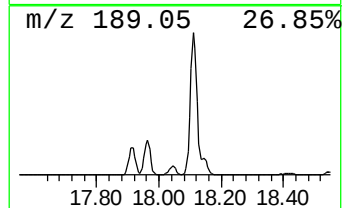
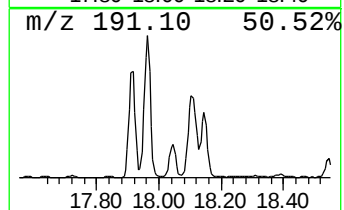
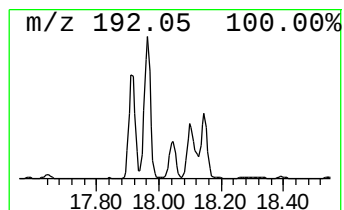
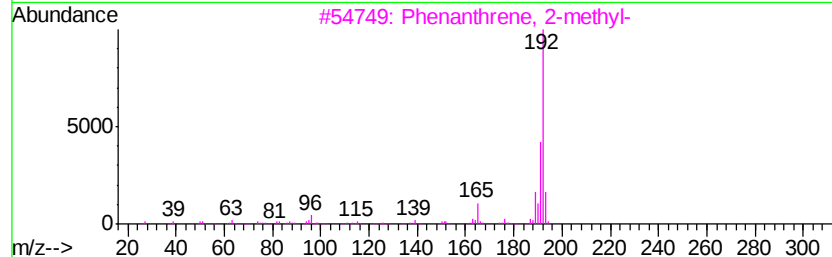
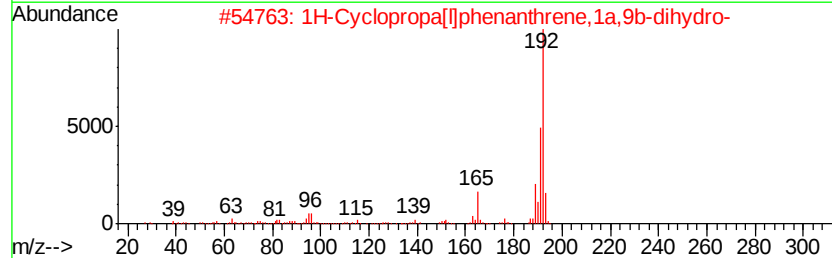
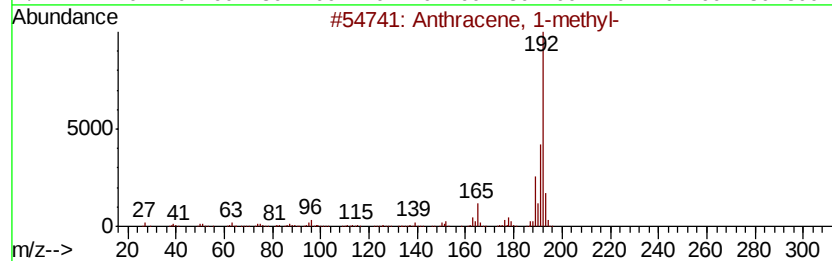
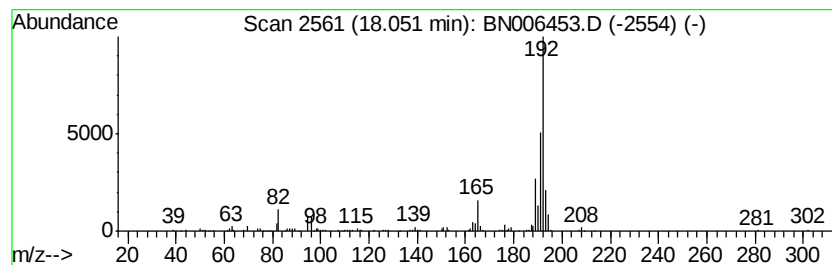
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 Anthracene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	2.42 ng/ul	556749	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006453.D
Acq On : 21 Jun 2019 06:21
Operator : JU/SJ
Sample : K3360-19
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4201

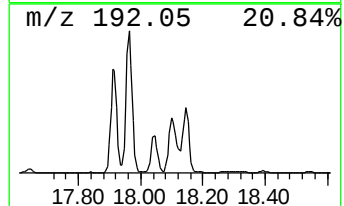
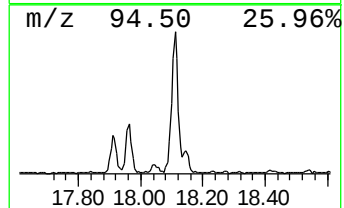
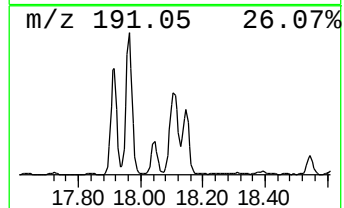
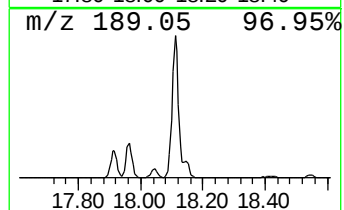
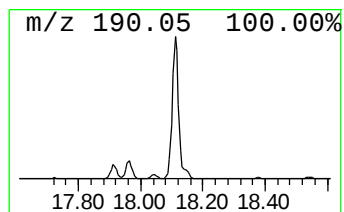
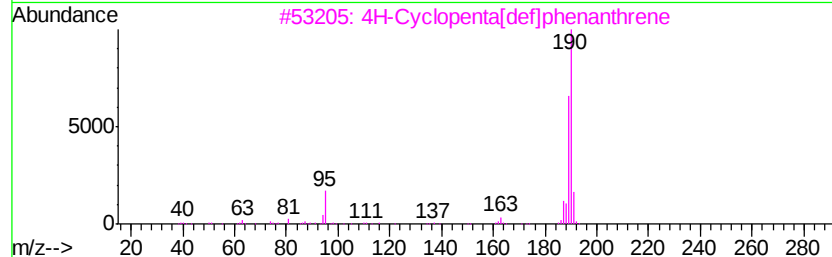
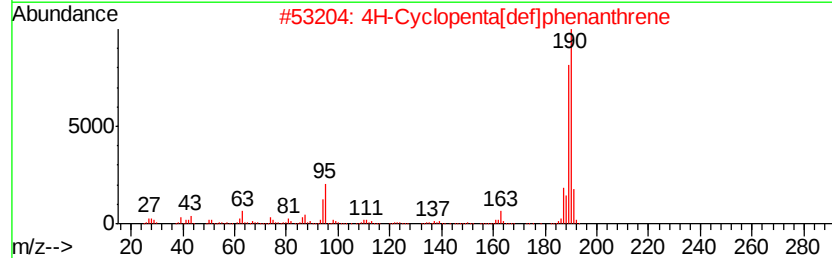
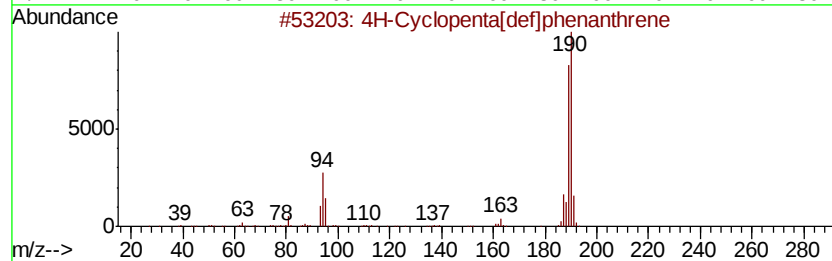
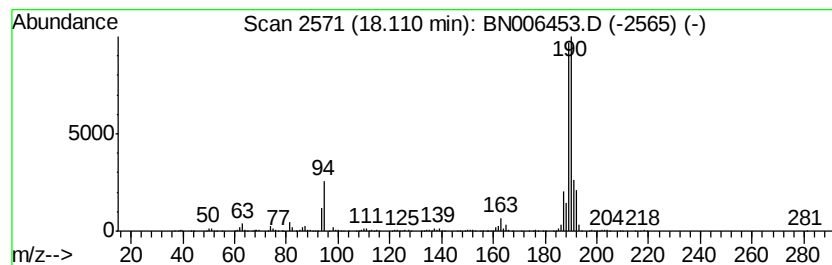
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	14.00 ng/ul	3225200	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	64
5		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006453.D
Acq On : 21 Jun 2019 06:21
Operator : JU/SJ
Sample : K3360-19
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4201

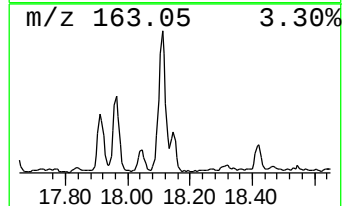
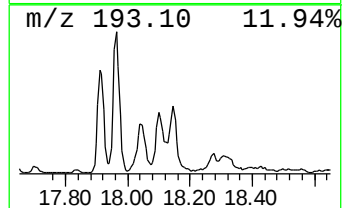
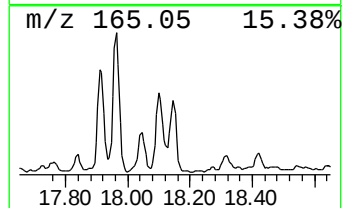
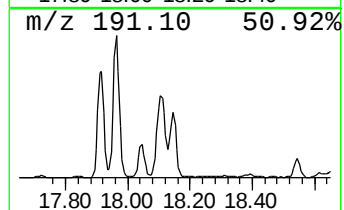
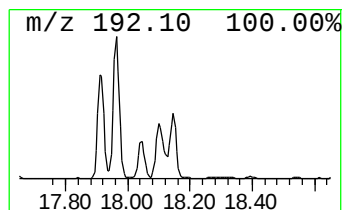
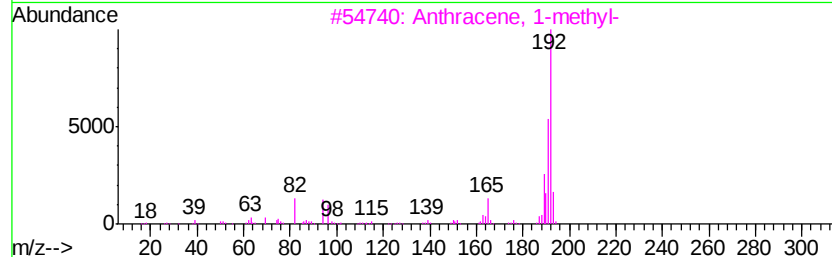
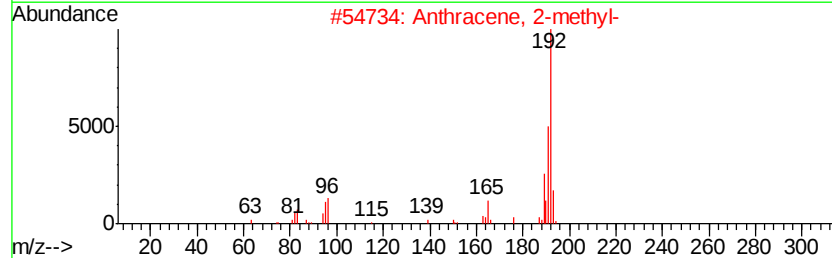
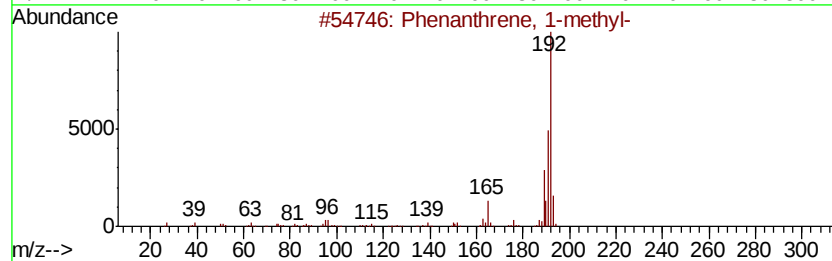
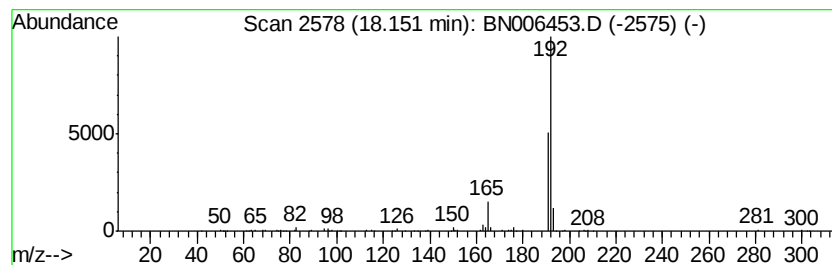
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	3.13 ng/ul	720148	Phenanthrene-d10	17.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006453.D
Acq On : 21 Jun 2019 06:21
Operator : JU/SJ
Sample : K3360-19
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4201

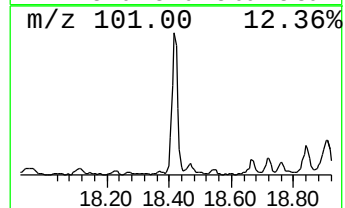
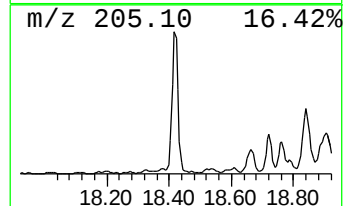
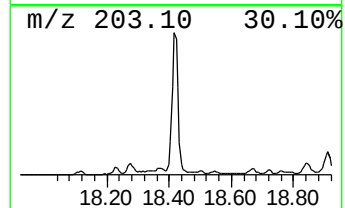
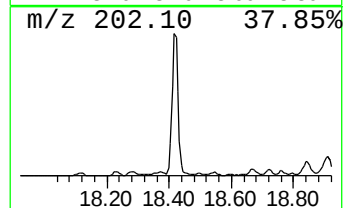
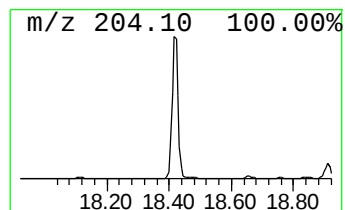
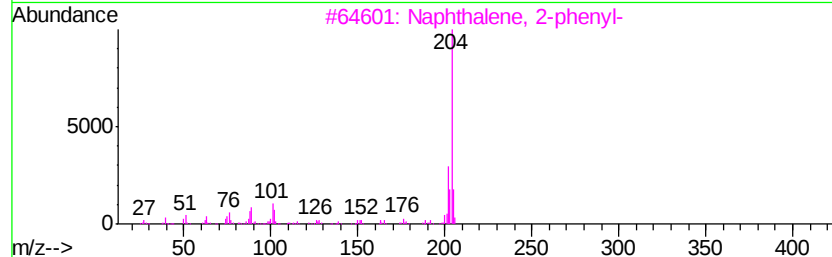
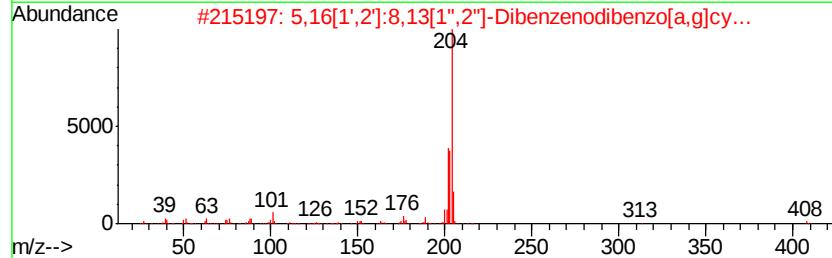
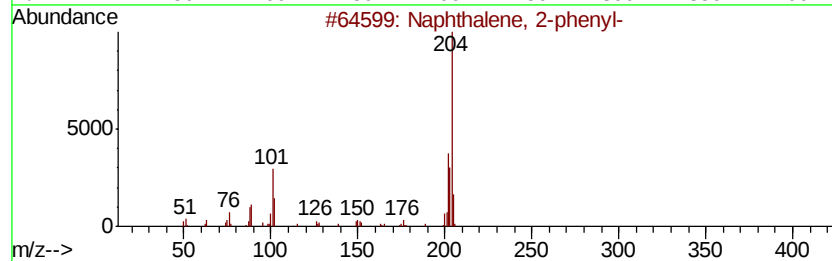
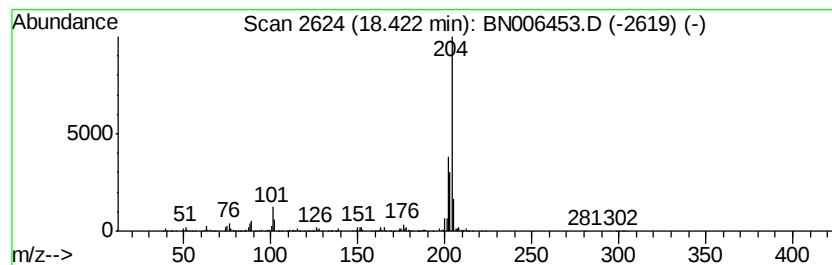
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	5.89 ng/ul	1357440	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
4		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006453.D
Acq On : 21 Jun 2019 06:21
Operator : JU/SJ
Sample : K3360-19
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4201

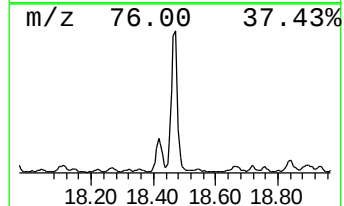
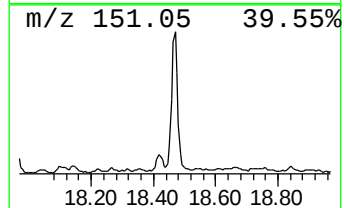
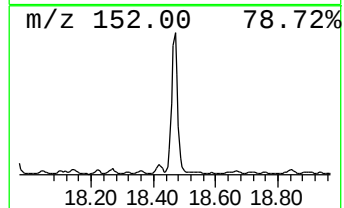
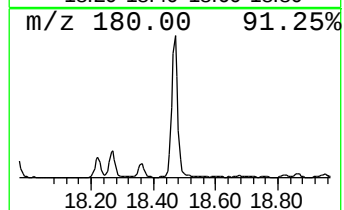
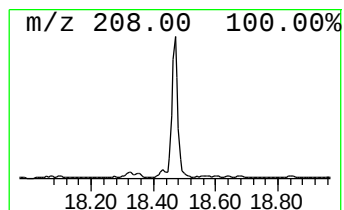
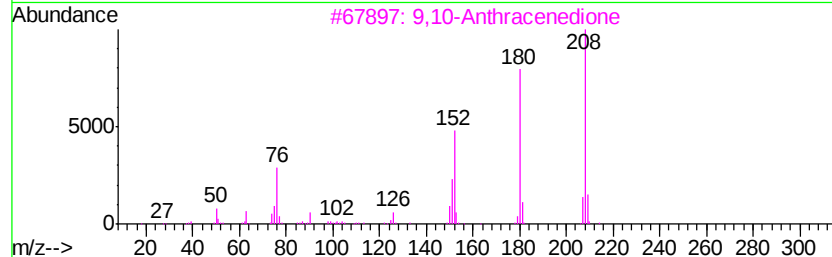
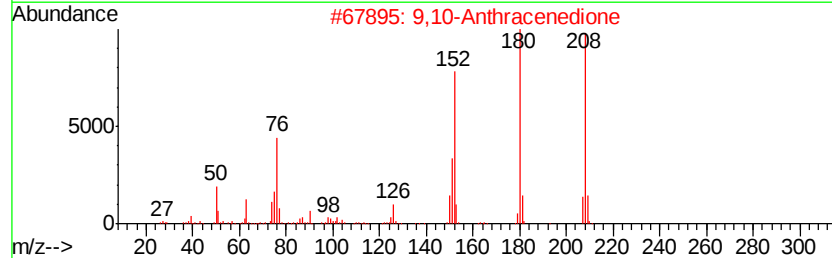
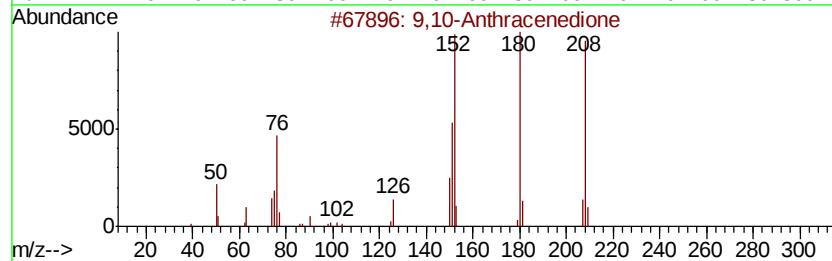
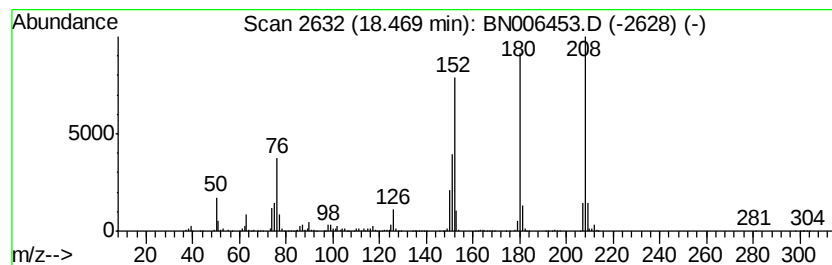
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	5.98 ng/ul	1379130	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	94
4		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	93
5		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006453.D
Acq On : 21 Jun 2019 06:21
Operator : JU/SJ
Sample : K3360-19
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4201

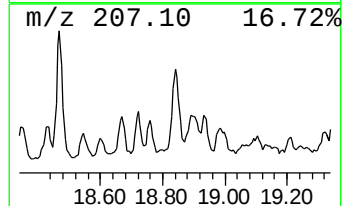
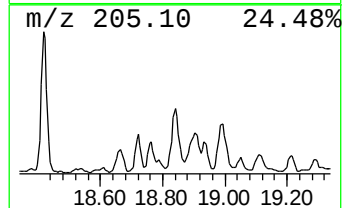
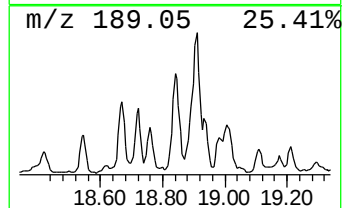
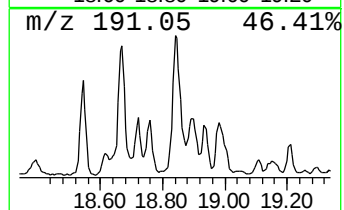
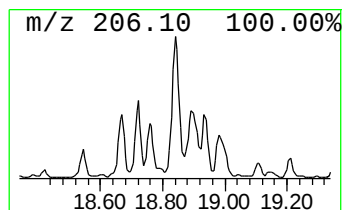
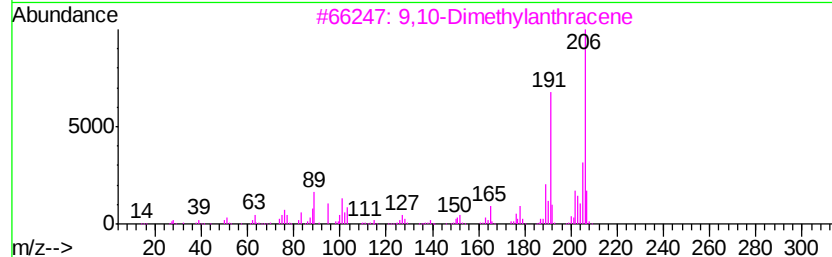
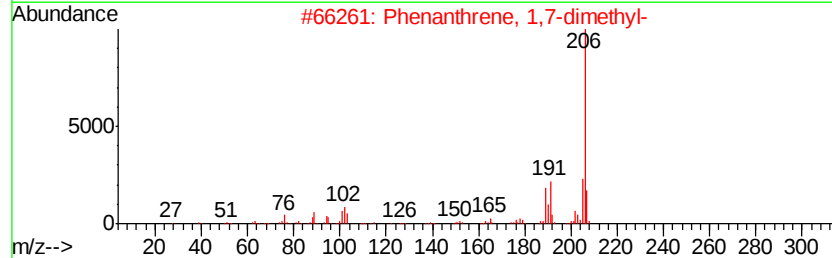
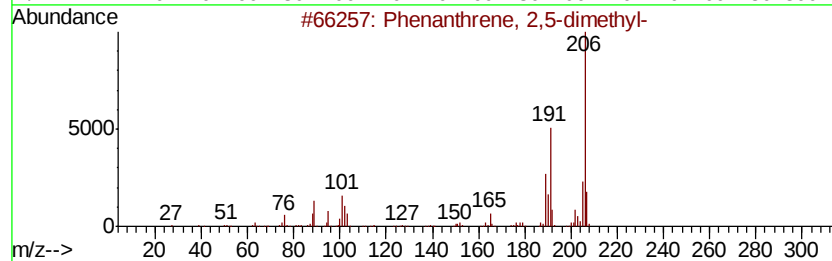
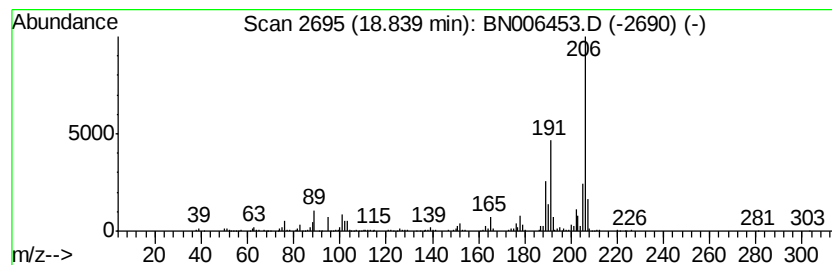
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	2.77 ng/ul	638456	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3		9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5		9,10-Dimethylanthracene	206	C16H14	000781-43-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006453.D
Acq On : 21 Jun 2019 06:21
Operator : JU/SJ
Sample : K3360-19
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4201

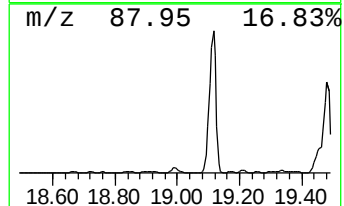
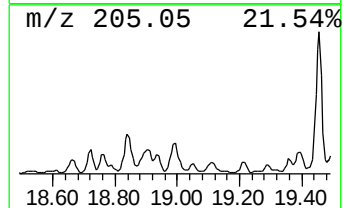
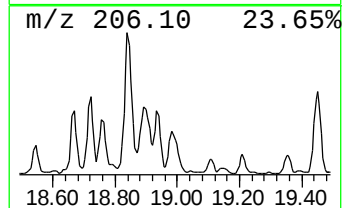
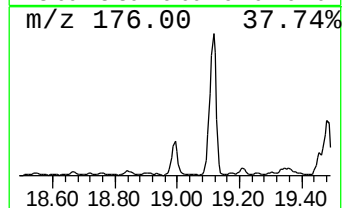
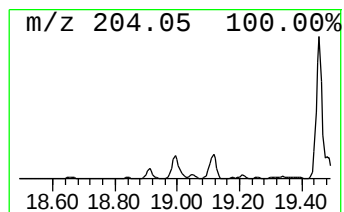
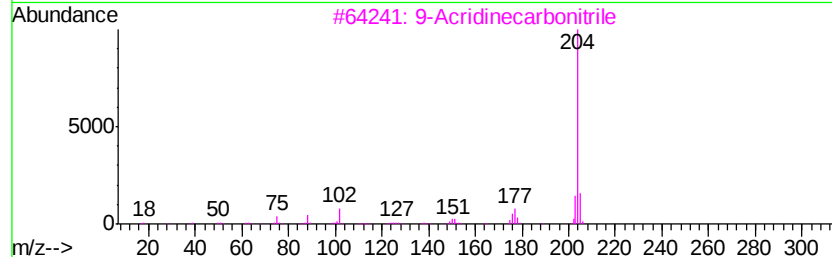
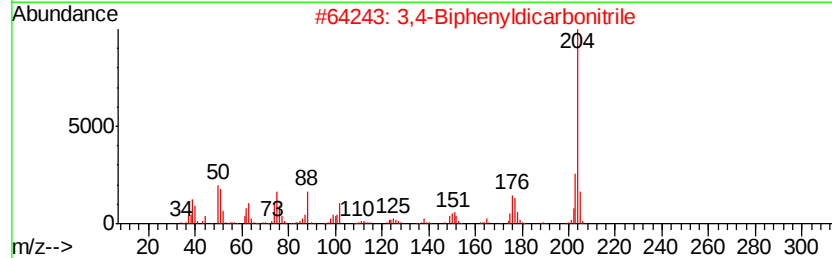
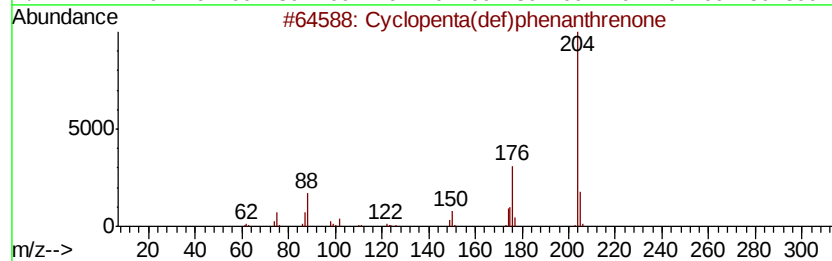
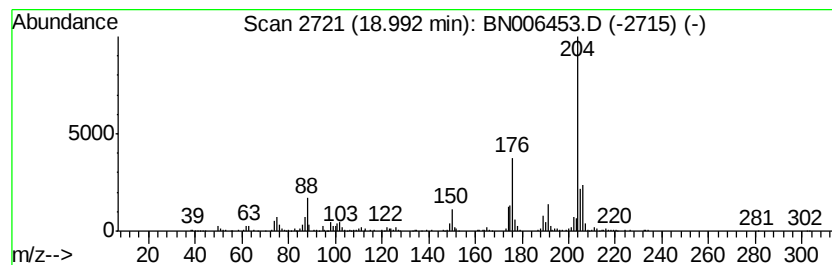
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.99	2.81 ng/ul	648381	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
3		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50
4		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
5		[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006453.D
Acq On : 21 Jun 2019 06:21
Operator : JU/SJ
Sample : K3360-19
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4201

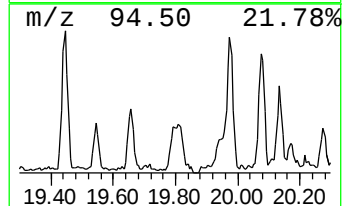
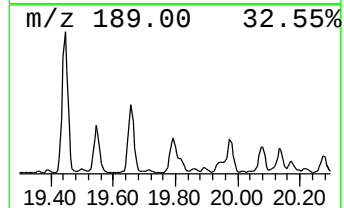
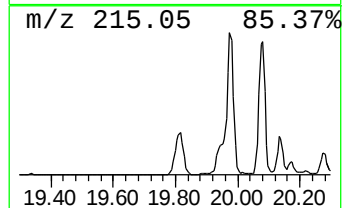
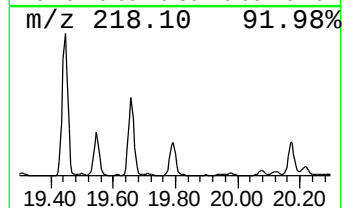
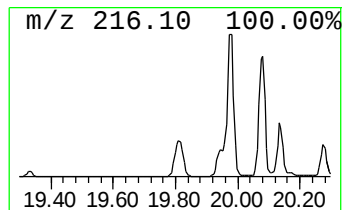
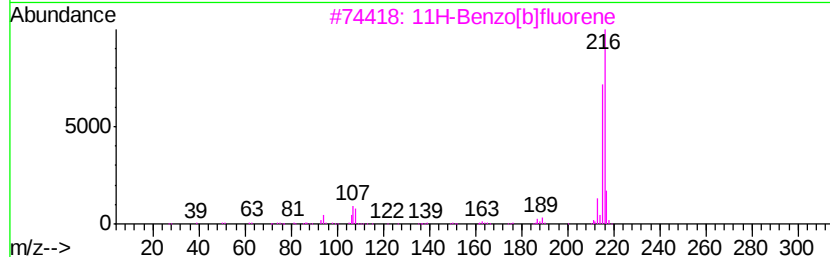
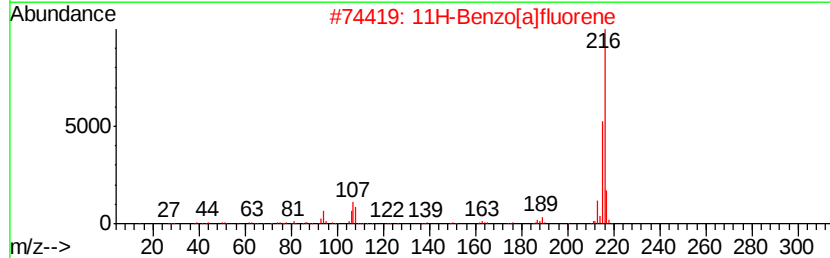
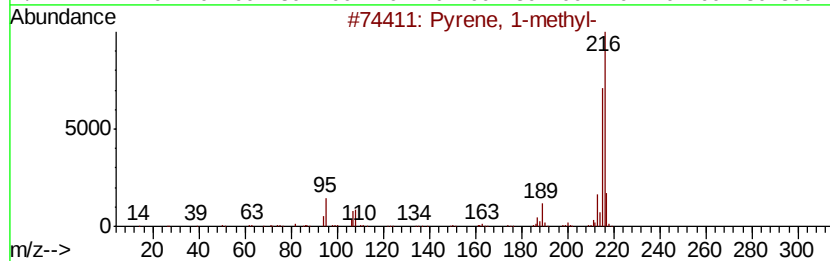
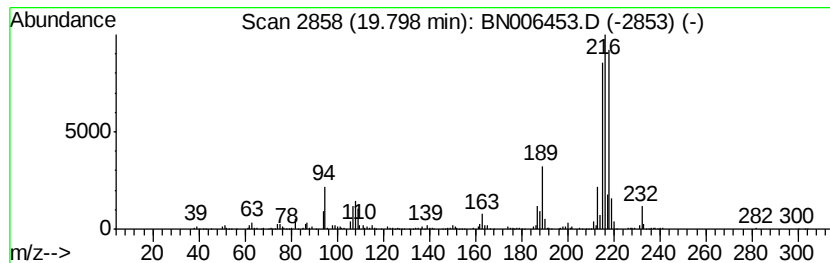
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	2.05 ng/ul	1637190	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006453.D
Acq On : 21 Jun 2019 06:21
Operator : JU/SJ
Sample : K3360-19
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4201

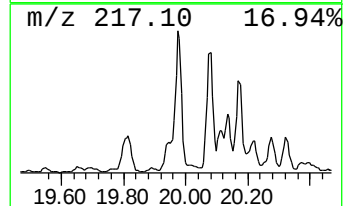
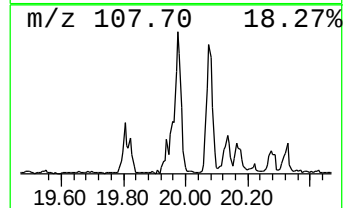
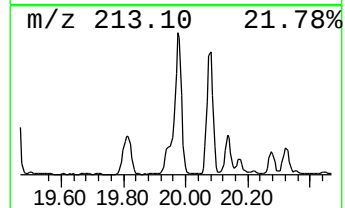
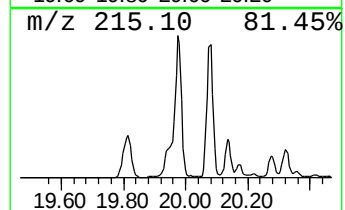
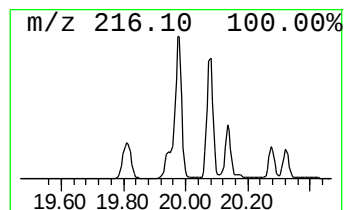
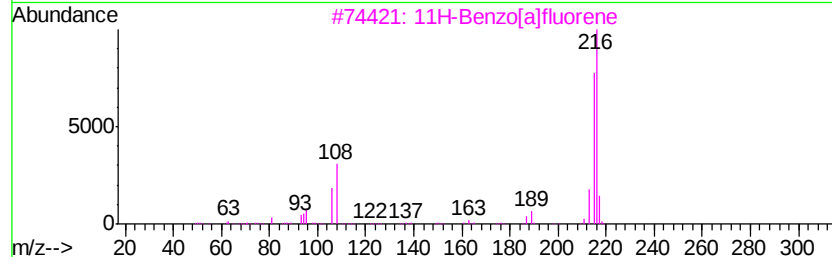
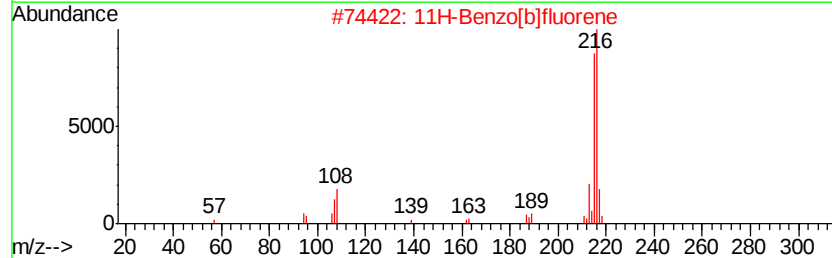
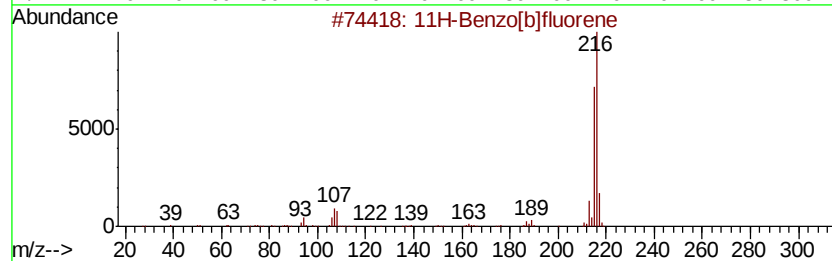
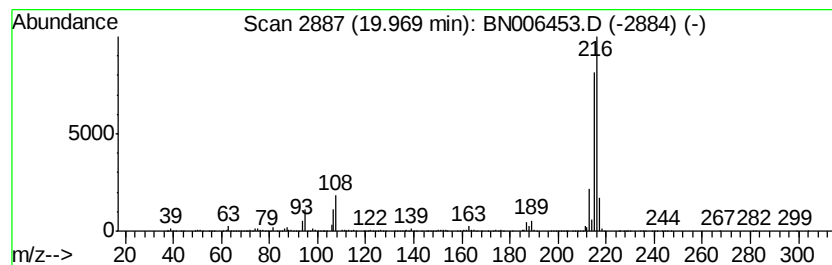
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	3.74 ng/ul	2980330	Chrysene-d12	21.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061919\
Data File : BN006453.D
Acq On : 21 Jun 2019 06:21
Operator : JU/SJ
Sample : K3360-19
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4201

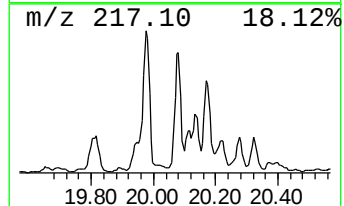
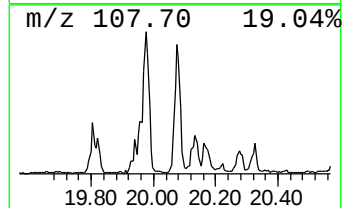
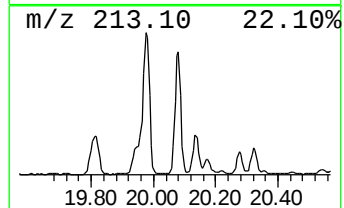
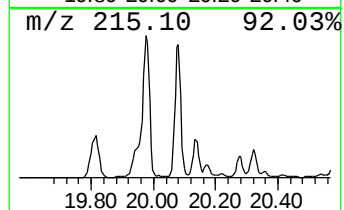
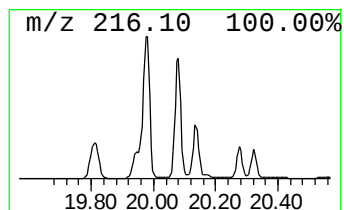
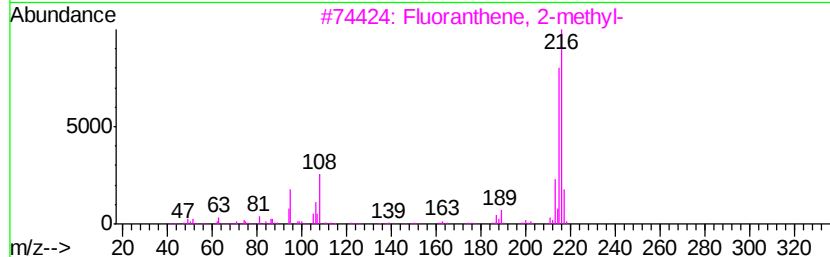
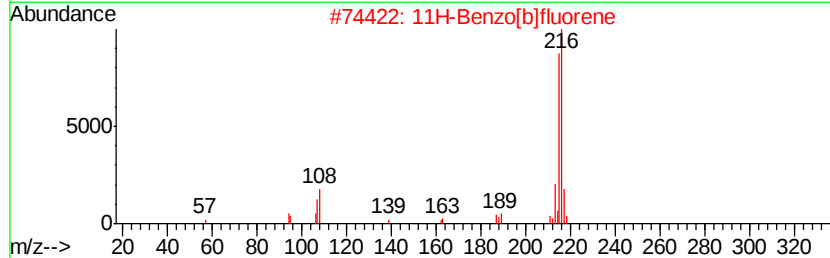
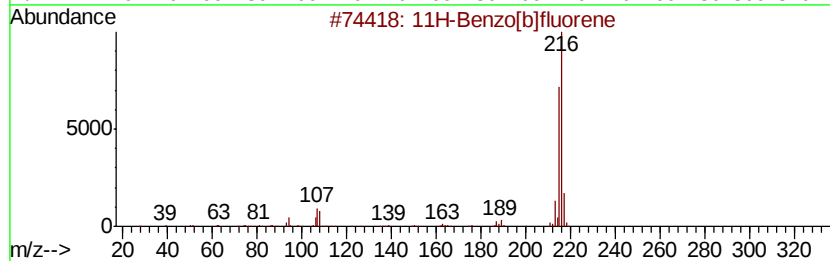
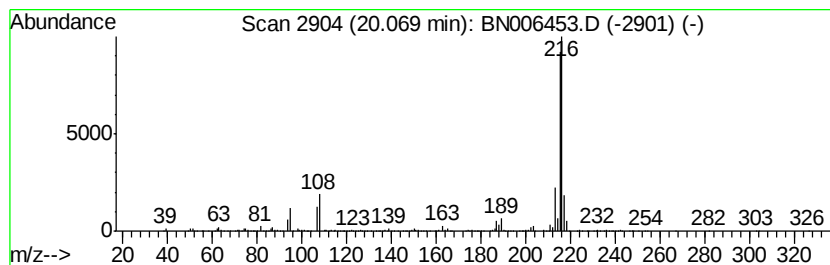
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	3.02 ng/ul	2411190	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061919\
Data File : BN006453.D
Acq On : 21 Jun 2019 06:21
Operator : JU/SJ
Sample : K3360-19
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4201

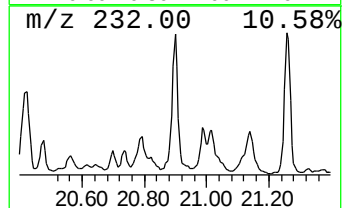
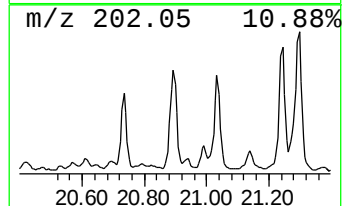
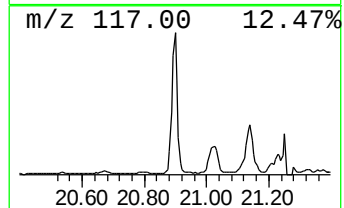
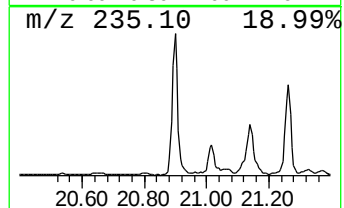
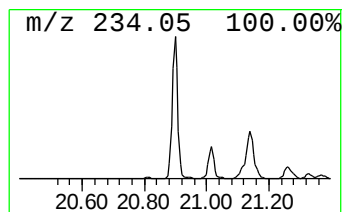
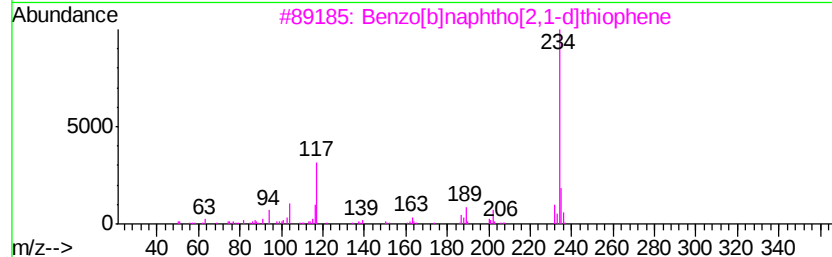
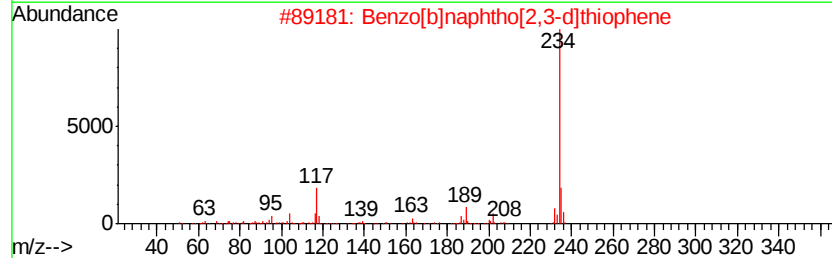
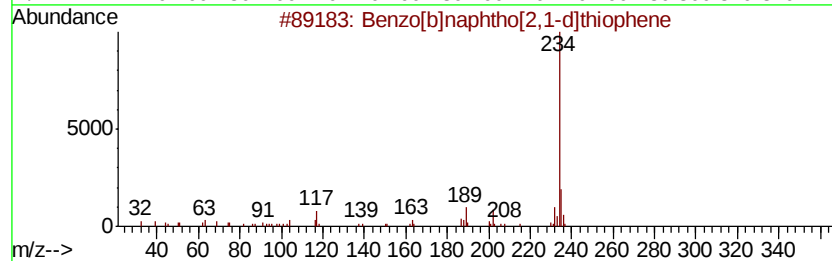
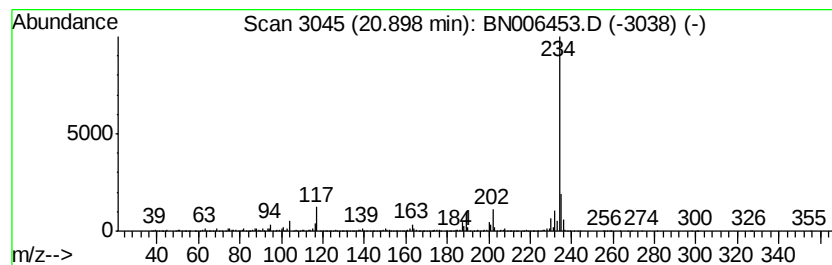
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	2.66 ng/u1	2120040	Chrysene-d12	21.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	97
2			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
3			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
4			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
5			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006453.D
Acq On : 21 Jun 2019 06:21
Operator : JU/SJ
Sample : K3360-19
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4201

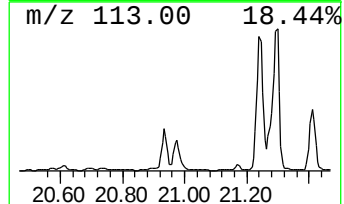
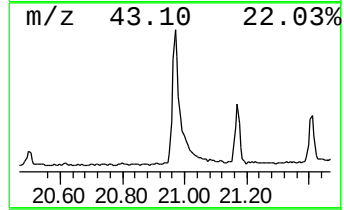
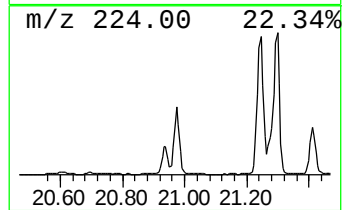
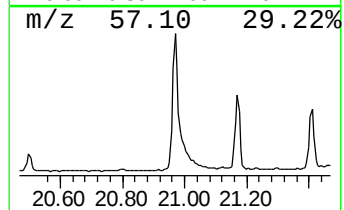
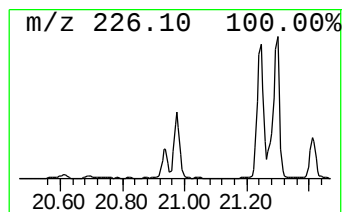
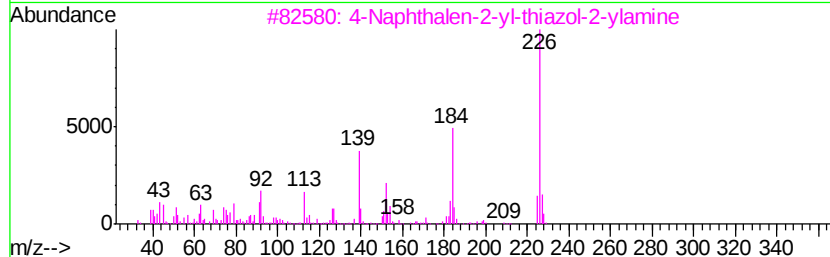
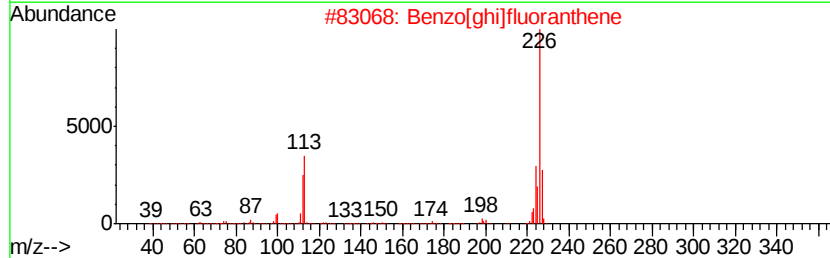
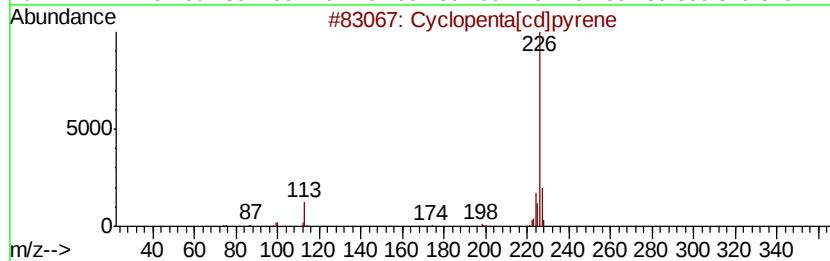
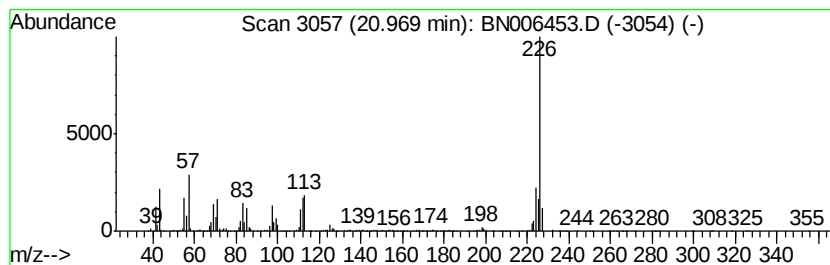
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 20 Cyclopenta[cd]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	3.72 ng/ul	2971340	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	70
2		Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	52
3		4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	40
4		9H-Thioxanthen-9-one, 2-methyl-	226	C14H10O	015774-82-0	40
5		Tetraheptylammonium bromide	489	C28H60BrN	004368-51-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061919\
Data File : BN006453.D
Acq On : 21 Jun 2019 06:21
Operator : JU/SJ
Sample : K3360-19
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4201

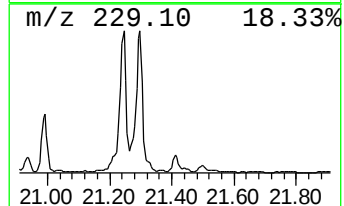
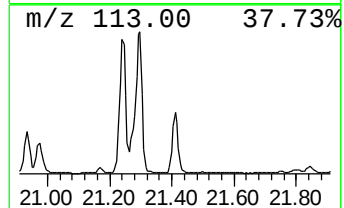
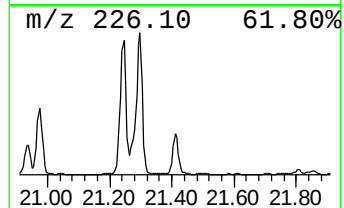
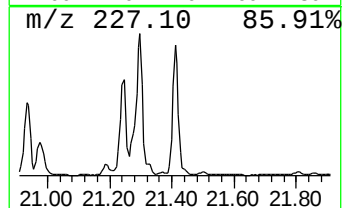
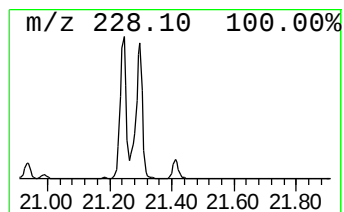
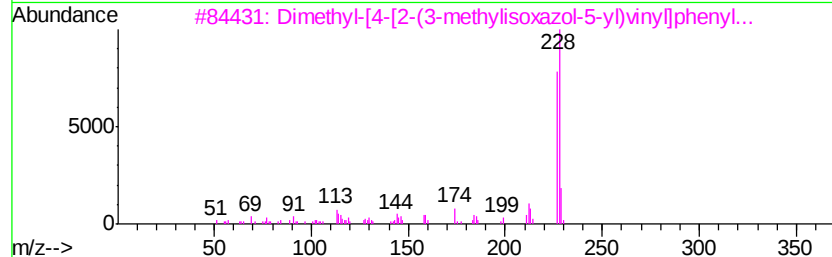
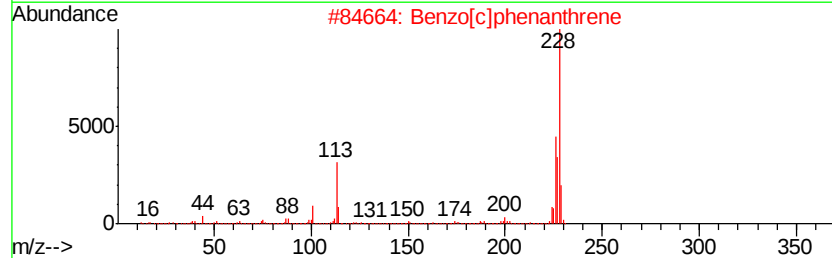
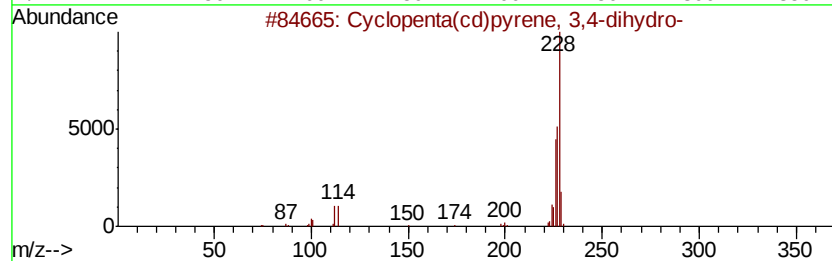
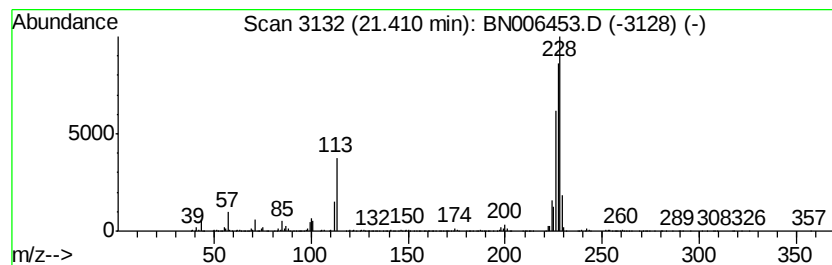
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 21 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	2.83 ng/ul	2253620	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	91
2		Benzo[c]phenanthrene	228	C18H12	000195-19-7	55
3		Dimethyl-[4-[2-(3-methylisoxazol-5-yl)vinyl]phenyl]...	228	C14H16N2O	1000306-39-6	50
4		Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50
5		Isothiazol-5-amine, 4-bromo-3-chloro-	226	C4H4BrClN2S	1000272-59-9	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006453.D
Acq On : 21 Jun 2019 06:21
Operator : JU/SJ
Sample : K3360-19
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4201

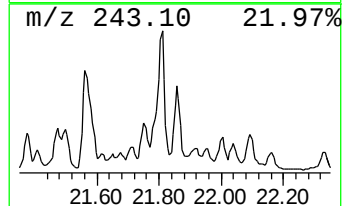
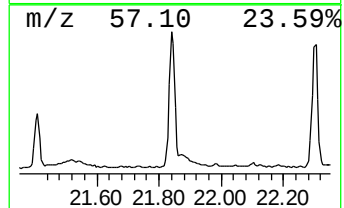
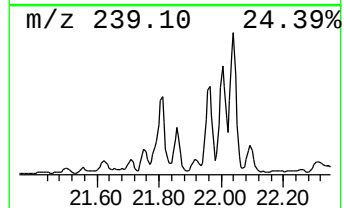
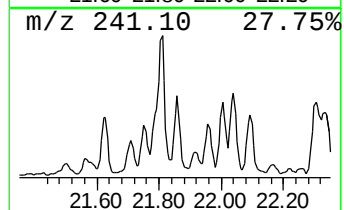
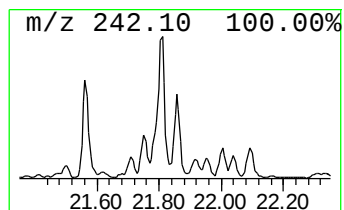
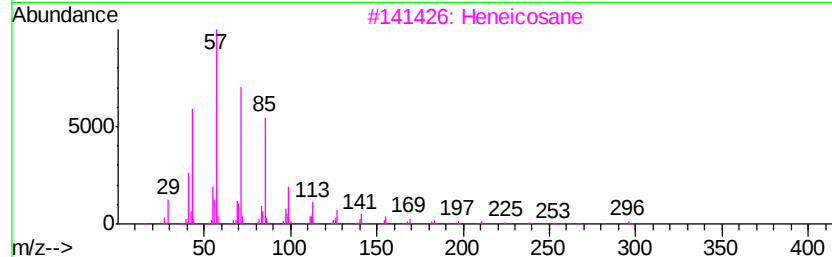
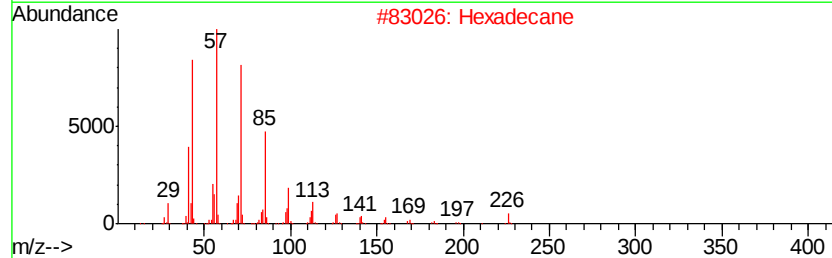
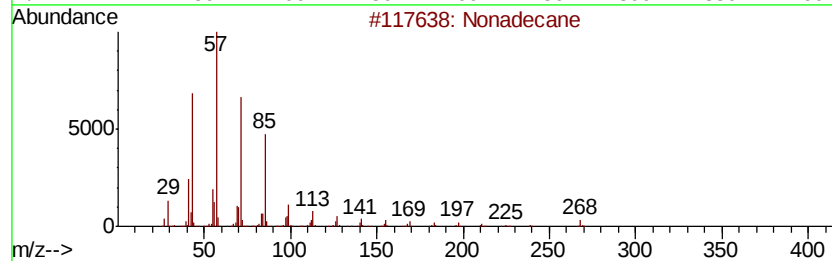
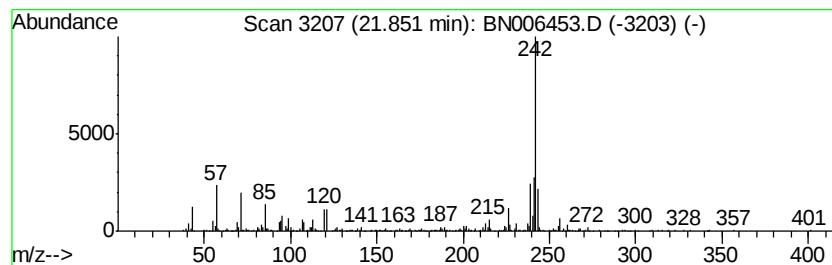
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.85	2.14 ng/ul	1704260	Chrysene-d12	21.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	93
2			Hexadecane	226	C16H34	000544-76-3	55
3			Heneicosane	296	C21H44	000629-94-7	50
4			Heptadecane, 2-methyl-	254	C18H38	001560-89-0	50
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006453.D
Acq On : 21 Jun 2019 06:21
Operator : JU/SJ
Sample : K3360-19
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4201

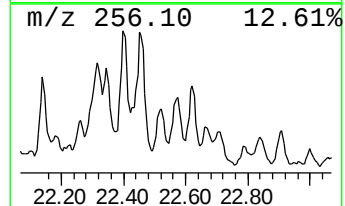
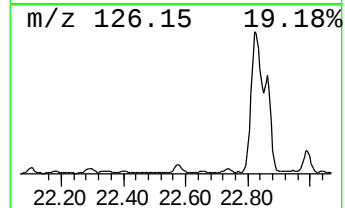
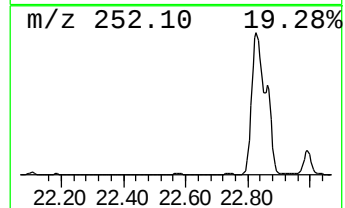
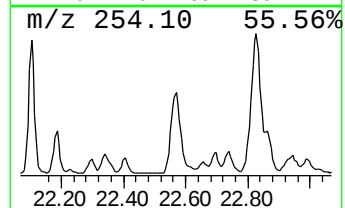
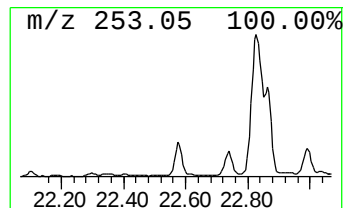
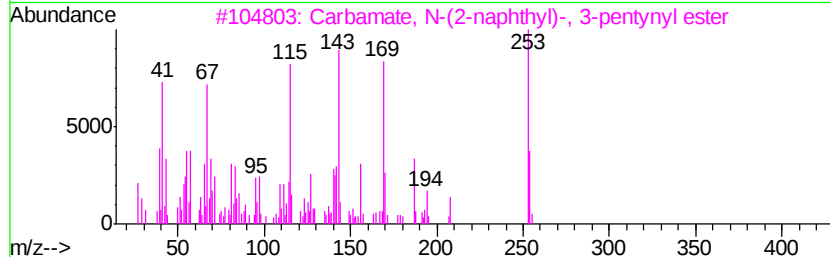
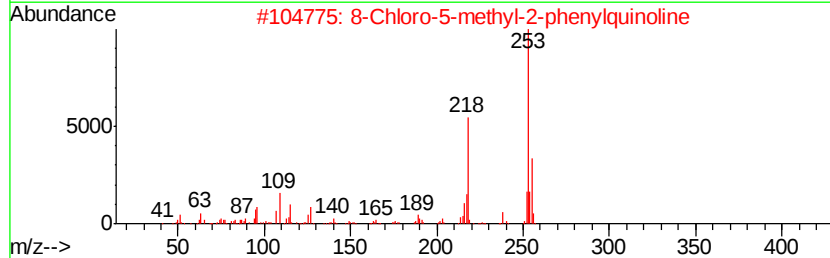
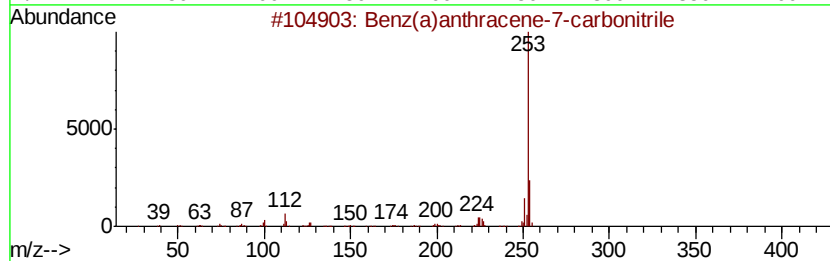
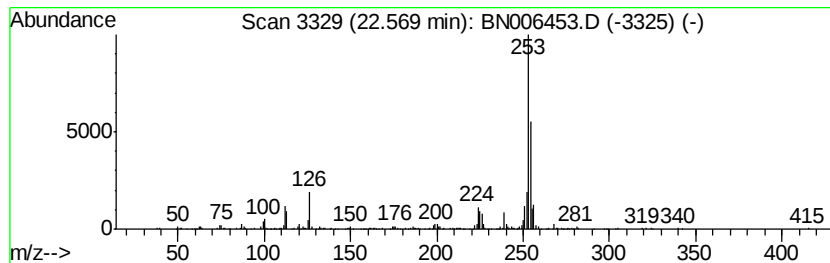
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 23 Benz(a)anthracene-7-carboni... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	2.29 ng/ul	472044	Perylene-d12	23.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	70
2			8-Chloro-5-methyl-2-phenylquinoline	253	C16H12ClN	025413-16-5	59
3			Carbamate, N-(2-naphthyl)-, 3-pe...	253	C16H15N02	1000197-96-0	49
4			2H-1,4-Benzothiazin-2-acetic aci...	253	C11H11N02S2	002832-88-4	43
5			9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006453.D
Acq On : 21 Jun 2019 06:21
Operator : JU/SJ
Sample : K3360-19
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4201

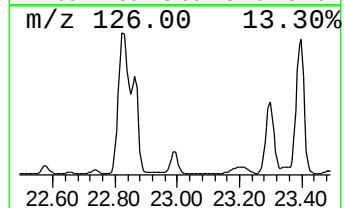
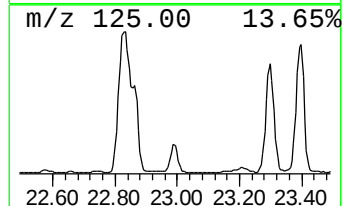
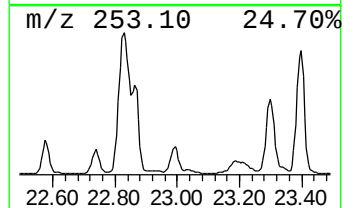
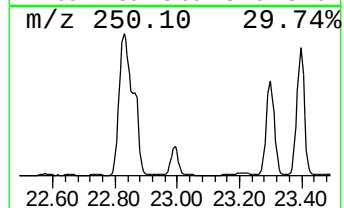
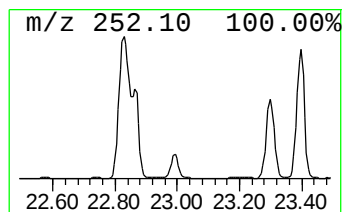
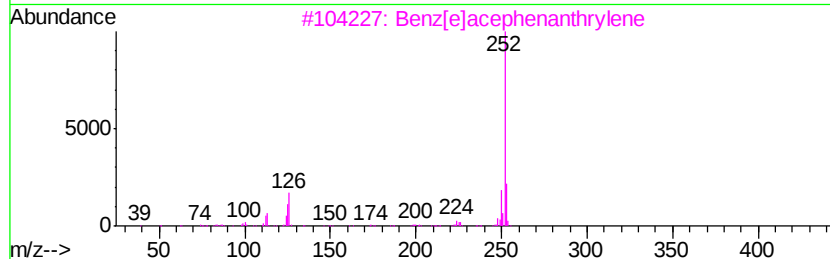
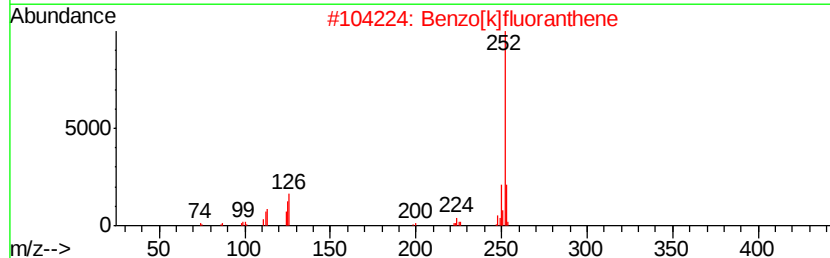
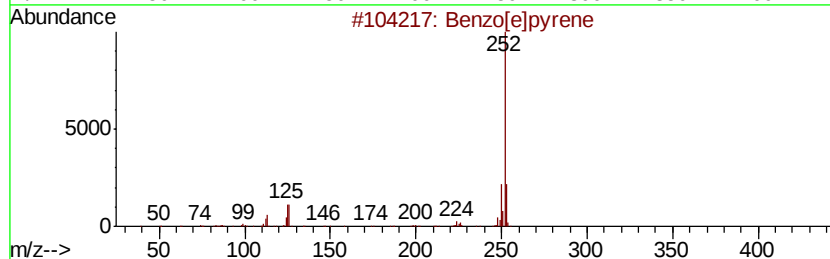
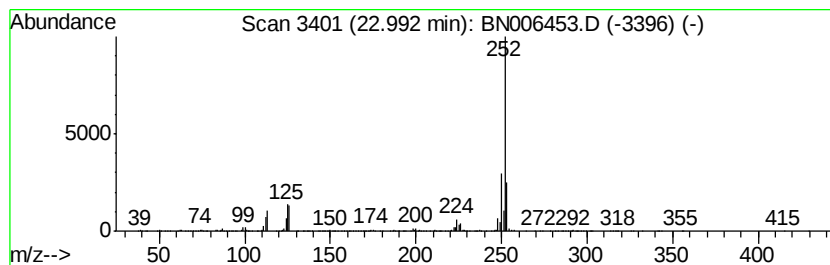
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 24 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.99	5.34 ng/ul	1100250	Perylene-d12	23.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	95
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
4			Benzo[a]pyrene	252	C20H12	000050-32-8	90
5			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006453.D
Acq On : 21 Jun 2019 06:21
Operator : JU/SJ
Sample : K3360-19
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4201

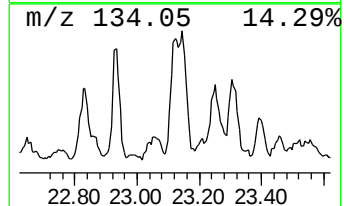
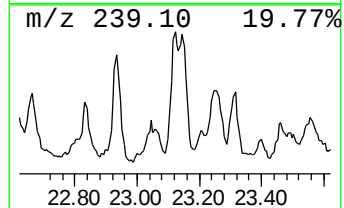
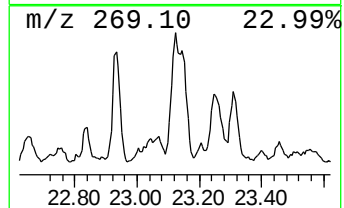
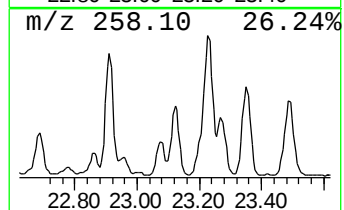
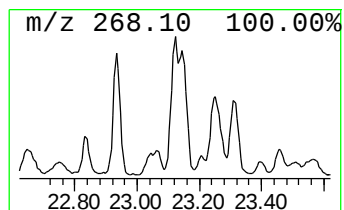
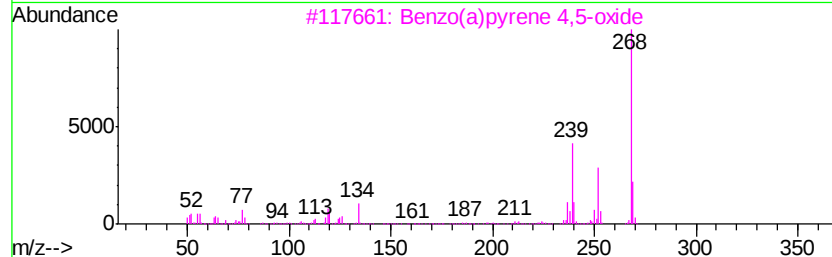
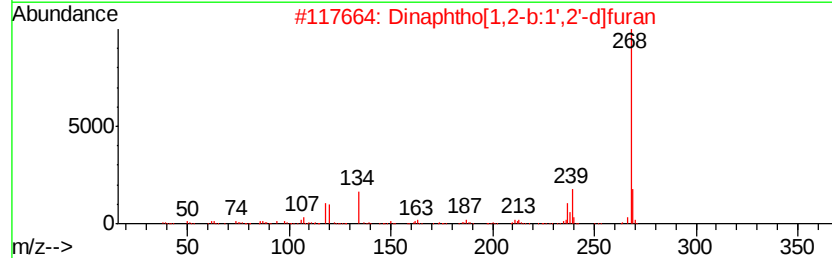
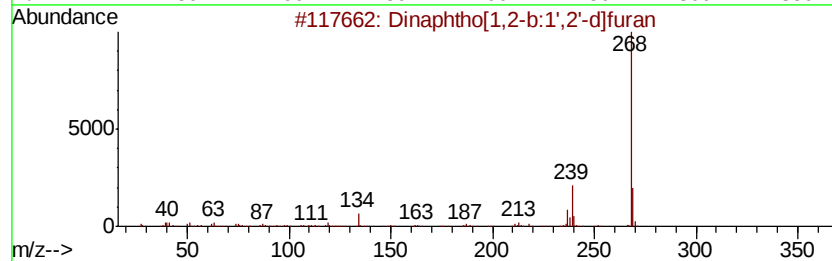
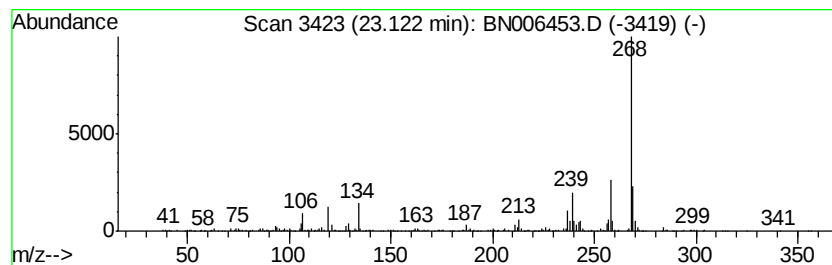
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 25 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.12	2.36 ng/ul	486117	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	76
2		Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	70
3		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	59
4		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	59
5		4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006453.D
Acq On : 21 Jun 2019 06:21
Operator : JU/SJ
Sample : K3360-19
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4201

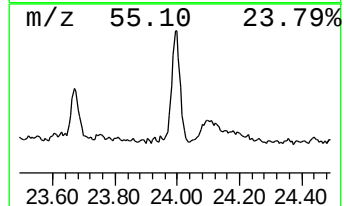
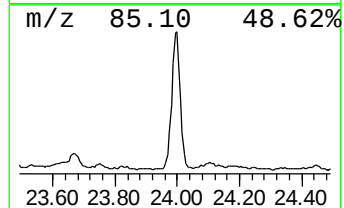
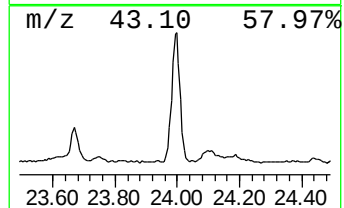
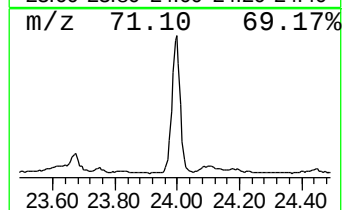
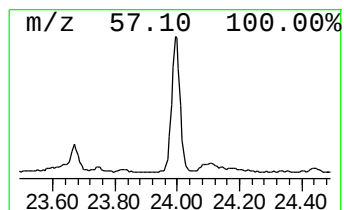
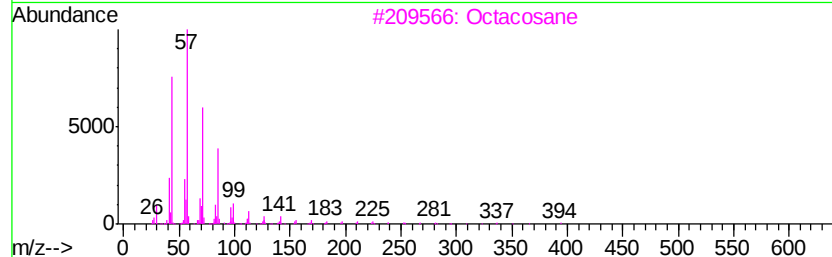
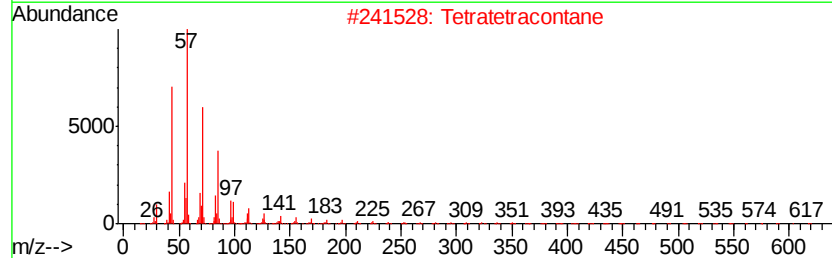
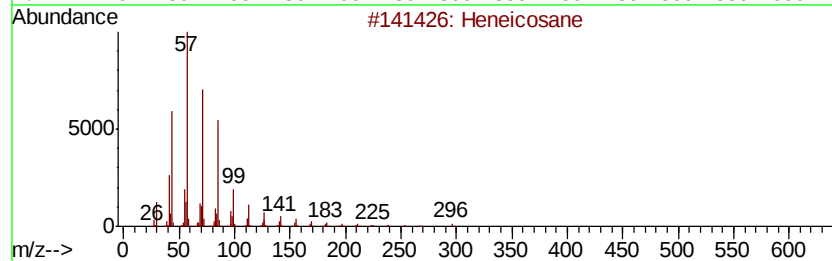
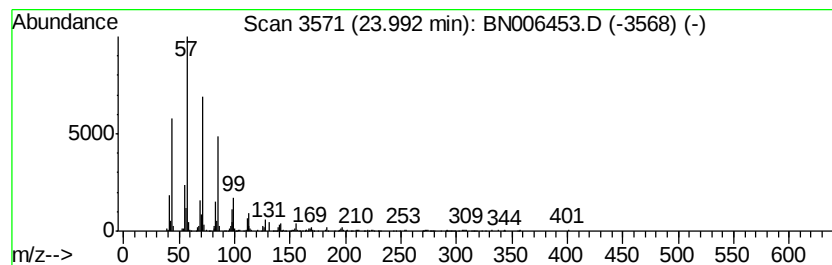
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	4.86 ng/ul	1002740	Perylene-d12	23.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Tetratetracontane	619	C44H90	007098-22-8	91
3			Octacosane	394	C28H58	000630-02-4	91
4			Hexacosane	366	C26H54	000630-01-3	90
5			Hentriacontane	437	C31H64	000630-04-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006453.D
Acq On : 21 Jun 2019 06:21
Operator : JU/SJ
Sample : K3360-19
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4201

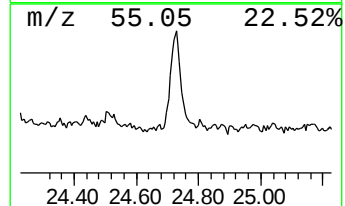
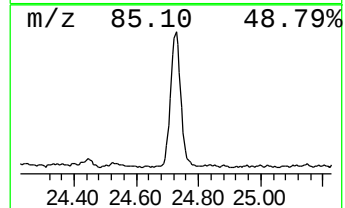
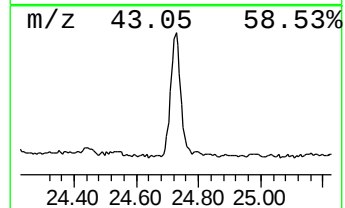
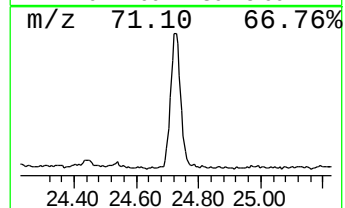
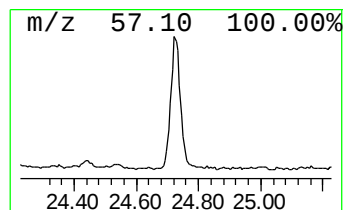
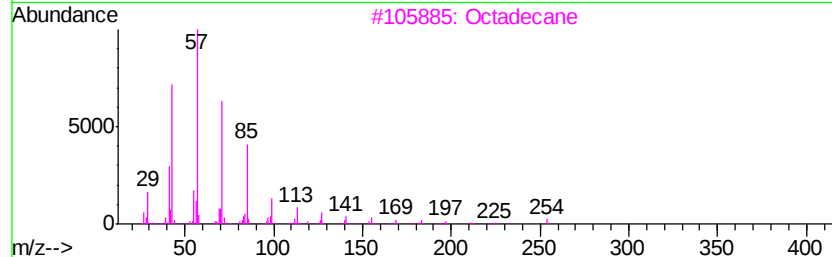
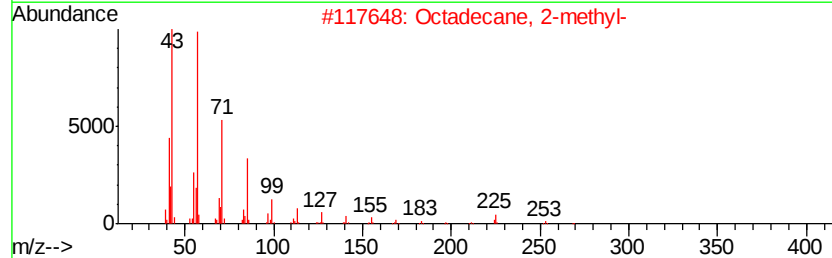
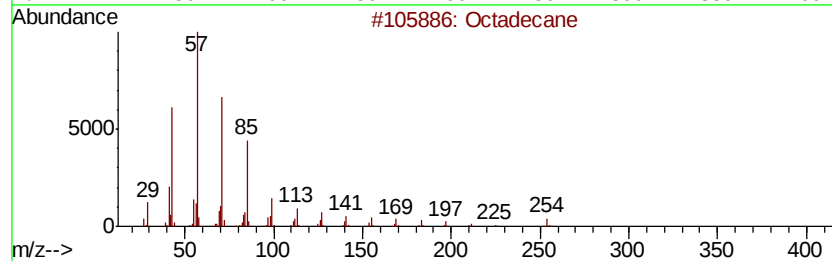
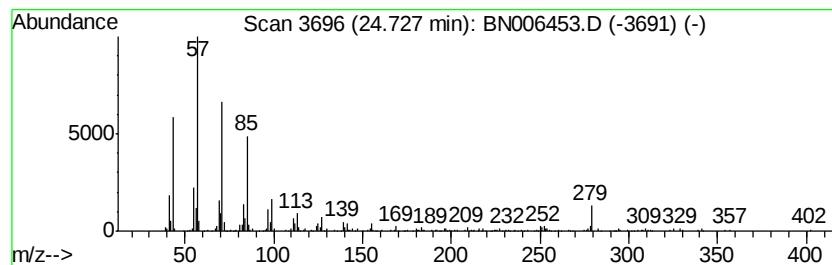
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.73	2.89 ng/ul	596358	Perylene-d12	23.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	95
2			Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
3			Octadecane	254	C18H38	000593-45-3	90
4			Octacosane	394	C28H58	000630-02-4	87
5			Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006453.D
Acq On : 21 Jun 2019 06:21
Operator : JU/SJ
Sample : K3360-19
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4201

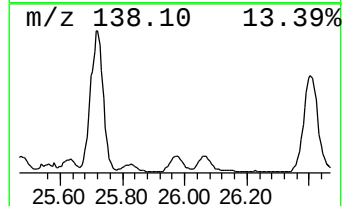
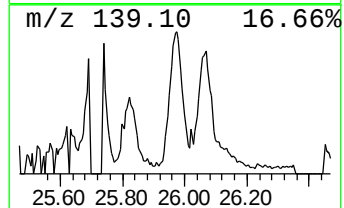
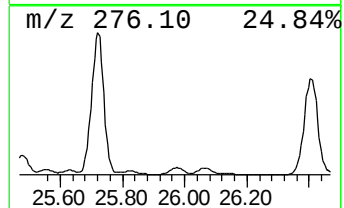
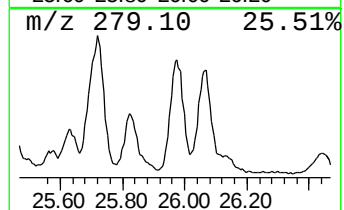
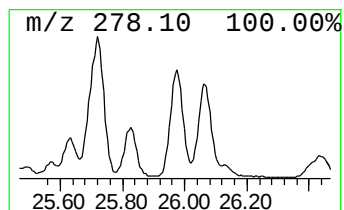
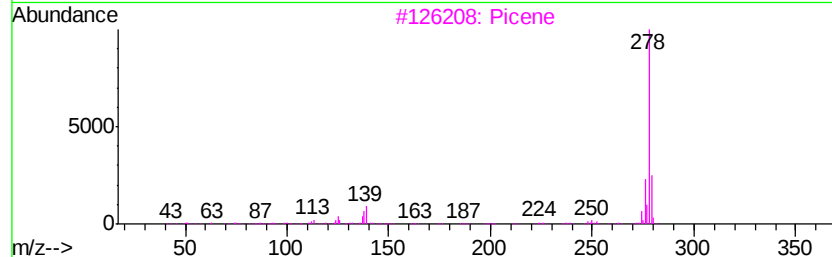
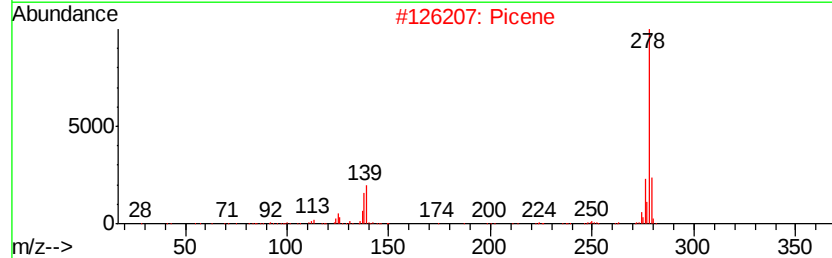
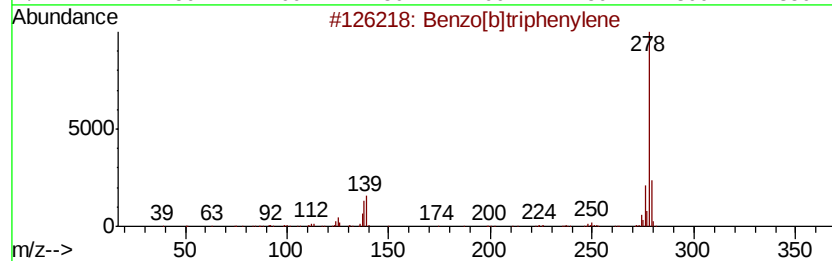
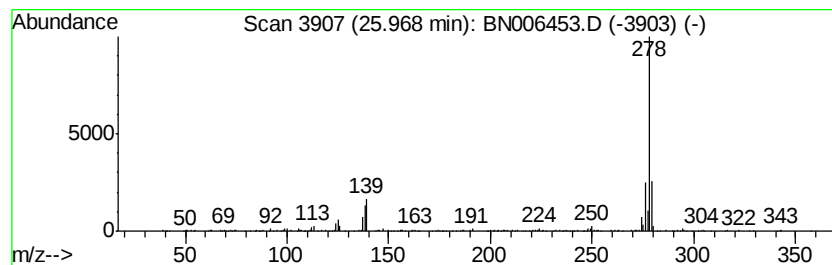
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 29 Benzo[b]triphenylene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.97	2.23 ng/ul	460244	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
2		Picene	278	C22H14	000213-46-7	96
3		Picene	278	C22H14	000213-46-7	93
4		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	93
5		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061919\
 Data File : BN006453.D
 Acq On : 21 Jun 2019 06:21
 Operator : JU/SJ
 Sample : K3360-19
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4201

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.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
Diphenylmethane	15.50	2.1	ng/ul	390002	3	14.28	3778170	20.0
[1,1'-Biphenyl]-4...	15.77	2.3	ng/ul	530962	4	17.04	4608920	20.0
9H-Fluorene, 2-me...	16.34	2.3	ng/ul	530852	4	17.04	4608920	20.0
Anthracene, 1,2,3...	16.79	2.3	ng/ul	523879	4	17.04	4608920	20.0
Dibenzothiophene	16.85	5.0	ng/ul	1147320	4	17.04	4608920	20.0
Phenanthrene, 2-m...	17.91	6.4	ng/ul	1478390	4	17.04	4608920	20.0
Anthracene, 2-met...	17.96	9.9	ng/ul	2278230	4	17.04	4608920	20.0
Anthracene, 1-met...	18.05	2.4	ng/ul	556749	4	17.04	4608920	20.0
4H-Cyclopenta[def...	18.11	14.0	ng/ul	3225200	4	17.04	4608920	20.0
Phenanthrene, 1-m...	18.15	3.1	ng/ul	720148	4	17.04	4608920	20.0
Naphthalene, 2-ph...	18.42	5.9	ng/ul	1357440	4	17.04	4608920	20.0
9,10-Anthracenedione	18.47	6.0	ng/ul	1379130	4	17.04	4608920	20.0
Phenanthrene, 2,5...	18.84	2.8	ng/ul	638456	4	17.04	4608920	20.0
Cyclopenta(def)ph...	18.99	2.8	ng/ul	648381	4	17.04	4608920	20.0
Pyrene, 1-methyl-	19.80	2.0	ng/ul	1637190	5	21.26	15954400	20.0
11H-Benzo[b]fluorene	19.97	3.7	ng/ul	2980330	5	21.26	15954400	20.0
11H-Benzo[a]fluorene	20.07	3.0	ng/ul	2411190	5	21.26	15954400	20.0
Benzo[b]naphtho[2...	20.90	2.7	ng/ul	2120040	5	21.26	15954400	20.0
Cyclopenta[cd]pyrene	20.97	3.7	ng/ul	2971340	5	21.26	15954400	20.0
Cyclopenta(cd)pyr...	21.41	2.8	ng/ul	2253620	5	21.26	15954400	20.0
(DEL) Alkane: Str...	21.85	2.1	ng/ul	1704260	5	21.26	15954400	20.0
Benz(a)anthracene...	22.57	2.3	ng/ul	472044	6	23.49	4123530	20.0
Benzo[e]pyrene	22.99	5.3	ng/ul	1100250	6	23.49	4123530	20.0
Dinaphtho[1,2-b:1...	23.12	2.4	ng/ul	486117	6	23.49	4123530	20.0
(DEL) Alkane: Str...	23.99	4.9	ng/ul	1002740	6	23.49	4123530	20.0
(DEL) Alkane: Str...	24.73	2.9	ng/ul	596358	6	23.49	4123530	20.0
Benzo[b]triphenylene	25.97	2.2	ng/ul	460244	6	23.49	4123530	20.0