LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100720\
Data File : BN012098.D
Acq On : 07 Oct 2020 15:47
Operator : CG/JU
Sample : L4184-16DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AP2DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BN100220.M
Title : SVOA CALIBRATION

Signal : TIC: BN012098.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.834	648	654	662	rBV	103079	179695	1.46%	0.126%
2	7.193	709	715	722	rBV	103015	168297	1.36%	0.118%
3	7.652	786	793	804	rBV	1464645	2360713	19.14%	1.653%
4	8.358	907	913	920	rBV3	119199	189986	1.54%	0.133%
5	8.805	983	989	996	rBV	91196	162705	1.32%	0.114%
6	10.052	1196	1201	1209	rBV	118435	217798	1.77%	0.152%
7	10.428	1258	1265	1271	rBV	2003245	3286046	26.64%	2.301%
8	10.481	1271	1274	1280	rVB	148254	219224	1.78%	0.153%
9	12.099	1540	1549	1556	rBV	151212	250010	2.03%	0.175%
10	12.322	1580	1587	1595	rVB	146890	247971	2.01%	0.174%
11	13.457	1773	1780	1781	rBV2	96878	158221	1.28%	0.111%
12	13.616	1800	1807	1812	rVV	220966	394528	3.20%	0.276%
13	13.669	1812	1816	1819	rVV	134635	198718	1.61%	0.139%
14	13.704	1819	1822	1826	rVV	228866	320429	2.60%	0.224%
15	13.751	1826	1830	1839	rVB	121733	184543	1.50%	0.129%
16	13.851	1839	1847	1850	rBV	118505	187876	1.52%	0.132%
17	13.987	1859	1870	1872	rBV	270066	421099	3.41%	0.295%
18	14.016	1872	1875	1884	rVB	381884	540095	4.38%	0.378%
19	14.298	1912	1923	1928	rVV	2806603	4304734	34.90%	3.014%
20	14.357	1928	1933	1941	rVV	598960	944343	7.66%	0.661%
21	14.504	1951	1958	1967	rBV4	117391	300257	2.43%	0.210%
22	14.604	1967	1975	1980	rVV2	97206	193347	1.57%	0.135%
23	14.693	1980	1990	1998	rVV	554974	907075	7.35%	0.635%
24	14.775	1998	2004	2009	rVV	128342	183339	1.49%	0.128%
25	14.916	2022	2028	2033	rBV	112582	208046	1.69%	0.146%
26	14.969	2033	2037	2043	rVV	106090	143348	1.16%	0.100%
27	15.087	2049	2057	2061	rBV2	103513	221634	1.80%	0.155%
28	15.292	2087	2092	2096	rVV	358373	542403	4.40%	0.380%
29	15.345	2096	2101	2106	rVV	1220058	1749417	14.18%	1.225%
30	15.445	2113	2118	2120	rVV2	121424	203135	1.65%	0.142%
31	15.475	2120	2123	2126	rVV	195326	284846	2.31%	0.199%
32	15.510	2126	2129	2134	rVV3	217338	332429	2.70%	0.233%
33	15.557	2134	2137	2141	rVV4	126153	192885	1.56%	0.135%
34	15.598	2141	2144	2147	rVV2	112401	165186	1.34%	0.116%
35	15.640	2147	2151	2161	rVB	292455	545113	4.42%	0.382%
36	15.792	2169	2177	2184	rVB	292284	644711	5.23%	0.451%

LSC Area Percent Report

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Operator : CG/JU
Sample : L4184-16DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AP2DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BN100220.M
Title : SVOA CALIBRATION

37	15.881	2184	2192	2200	rVB4	101405	259334	2.10%	0.182%
38	16.022	2212	2216	2224	rVB5	120592	216028	1.75%	0.151%
39	16.351	2261	2272	2277	rBV3	345638	797919	6.47%	0.559%
40	16.398	2277	2280	2286	rVV2	244559	379001	3.07%	0.265%
41	16.504	2294	2298	2303	rVB2	171538	272204	2.21%	0.191%
42	16.557	2303	2307	2309	rBV2	102969	148232	1.20%	0.104%
43	16.581	2309	2311	2314	rVV3	127794	172683	1.40%	0.121%
44	16.622	2314	2318	2322	rVV3	186176	282866	2.29%	0.198%
45	16.698	2327	2331	2339	rVB2	180667	315857	2.56%	0.221%
46	16.781	2340	2345	2355	rBV5	180161	587561	4.76%	0.411%
47	16.863	2355	2359	2364	rBV	495890	645500	5.23%	0.452%
48	17.045	2384	2390	2393	rBV	3313722	4661995	37.80%	3.264%
49	17.087	2393	2397	2403	rVV	8995988	12333091	100.00%	8.635%
50	17.145	2403	2407	2408	rVV2	457087	573445	4.65%	0.402%
51	17.175	2408	2412	2418	rVB	2487740	3412579	27.67%	2.389%
52	17.239	2418	2423	2428	rBV3	226858	394048	3.20%	0.276%
53	17.451	2448	2459	2463	rBV2	482770	927747	7.52%	0.650%
54	17.569	2475	2479	2483	rBV2	141661	197305	1.60%	0.138%
55	17.622	2485	2488	2498	rVB2	269986	431823	3.50%	0.302%
56	17.769	2509	2513	2521	rVB	170611	300018	2.43%	0.210%
57	17.922	2534	2539	2543	rVV	1472353	2119722	17.19%	1.484%
58	17.969	2543	2547	2553	rVB	1903485	2540295	20.60%	1.779%
59	18.051	2553	2561	2566	rBV2	798361	1345489	10.91%	0.942%
60	18.116	2566	2572	2576	rVV2	1895036	3657168	29.65%	2.561%
61	18.151	2576	2578	2583	rVB	1051050	1237870	10.04%	0.867%
62	18.428	2620	2625	2628	rBV	812435	1031372	8.36%	0.722%
63	18.463	2628	2631	2636	rVB3	263149	388075	3.15%	0.272%
64	18.551	2643	2646	2652	rVB	162359	200756	1.63%	0.141%
65	18.675	2663	2667	2671	rVV	471903	648945	5.26%	0.454%
66	18.728	2672	2676	2679	rVV	354364	501403	4.07%	0.351%
67	18.763	2679	2682	2686	rVB2	312433	405527	3.29%	0.284%
68	18.845	2691	2696	2701	rBV	909582	1521538	12.34%	1.065%
69	18.910	2701	2707	2710	rVV3	523134	1088047	8.82%	0.762%
70	18.939	2710	2712	2716	rVB	300061	300410	2.44%	0.210%
71	18.986	2716	2720	2728	rBV2	469763	930889	7.55%	0.652%
72	19.116	2736	2742	2747	rBV	8743877	11695138	94.83%	8.189%
73	19.181	2749	2753	2755	rVV	214839	275107	2.23%	0.193%
74	19.210	2755	2758	2763	rVB3	274834	380585	3.09%	0.266%
75	19.310	2770	2775	2778	rBV6	197107	385022	3.12%	0.270%
76	19.357	2780	2783	2787	rVV	293028	395271	3.20%	0.277%

LSC Area Percent Report

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Sample : L4184-16DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AP2DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BN100220.M
Title : SVOA CALIBRATION

77	19.451	2794	2799	2800	rBV3	1810861	2565647	20.80%	1.796%
78	19.480	2800	2804	2812	rVV	7227633	10104403	81.93%	7.075%
79	19.551	2812	2816	2823	rVB2	513983	937735	7.60%	0.657%
80	19.657	2830	2834	2840	rBV	425083	616385	5.00%	0.432%
81	19.716	2841	2844	2850	rVB	399703	575917	4.67%	0.403%
82	19.804	2854	2859	2866	rBV3	627659	1549165	12.56%	1.085%
83	19.939	2879	2882	2884	rBV3	334899	483838	3.92%	0.339%
84	19.975	2885	2888	2892	rVB	1491534	1946487	15.78%	1.363%
85	20.075	2902	2905	2909	rBV	1055377	1285115	10.42%	0.900%
86	20.133	2911	2915	2919	rVB2	840035	1239620	10.05%	0.868%
87	20.275	2936	2939	2943	rBV	588633	674311	5.47%	0.472%
88	20.322	2944	2947	2951	rVB	645560	761313	6.17%	0.533%
89	20.728	3013	3016	3023	rVB	609182	867193	7.03%	0.607%
90	20.892	3042	3044	3048	rVB	555774	623795	5.06%	0.437%
91	20.933	3048	3051	3054	rVV	730144	807128	6.54%	0.565%
92	20.975	3054	3058	3063	rVV2	655332	1094422	8.87%	0.766%
93	21.027	3063	3067	3074	rVB3	1084294	1736150	14.08%	1.216%
94	21.239	3098	3103	3108	rBV2	5835349	11701627	94.88%	8.193%
95	21.286	3108	3111	3120	rVB	3991156	5305508	43.02%	3.715%
96	21.404	3128	3131	3137	rBV2	612792	944285	7.66%	0.661%
97	22.804	3364	3369	3373	rBV2	2448019	4978496	40.37%	3.486%
98	23.274	3444	3449	3454	rBV	1291451	2239431	18.16%	1.568%
99	23.363	3460	3464	3472	rVB	2508129	4592175	37.23%	3.215%
100	23.463	3475	3481	3486	rBV	2757399	5078673	41.18%	3.556%

Sum of corrected areas: 142820886

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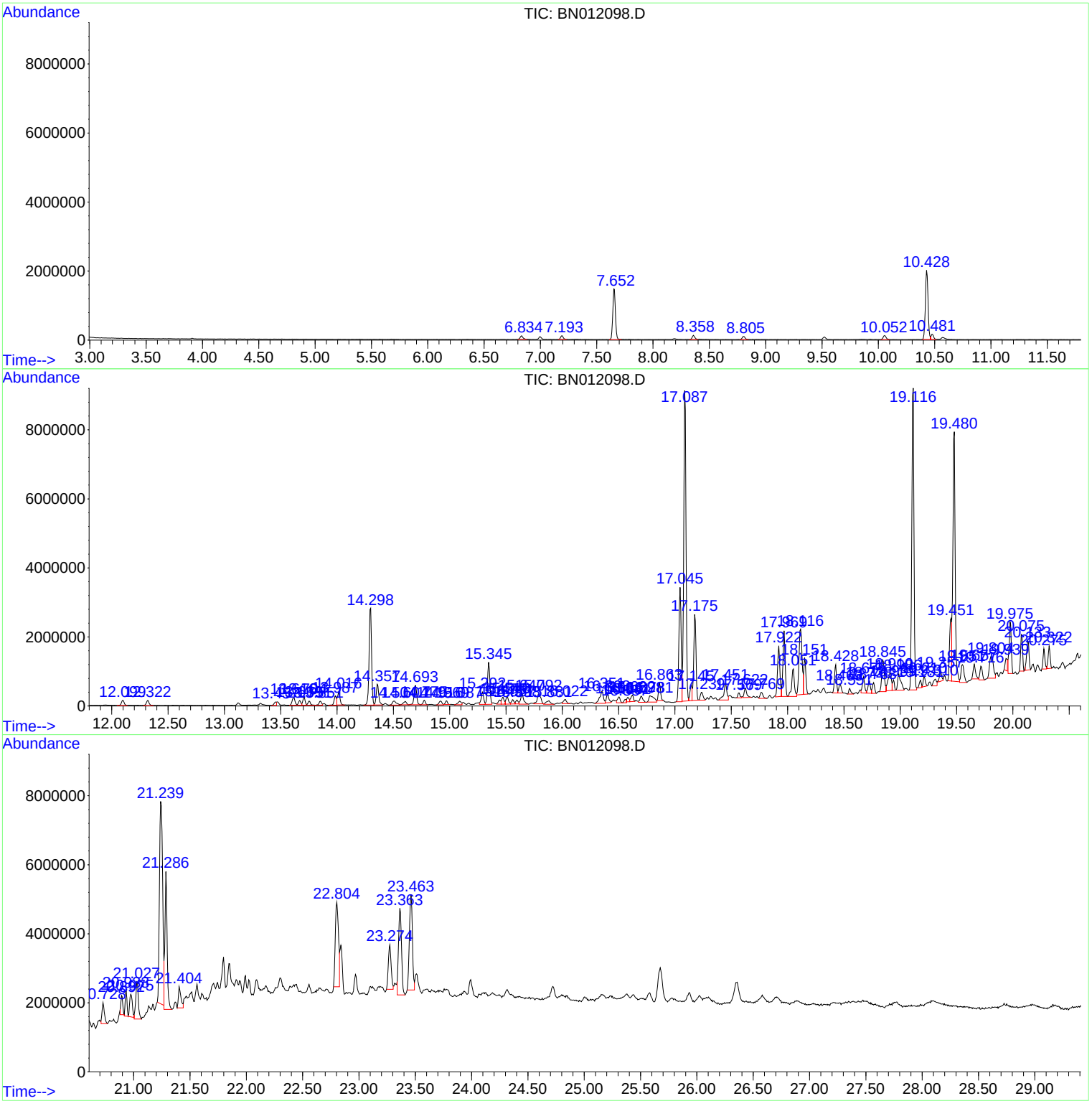
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AP2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100720\
Data File : BN012098.D
Acq On : 07 Oct 2020 15:47
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Sample : L4184-16DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AP2DL

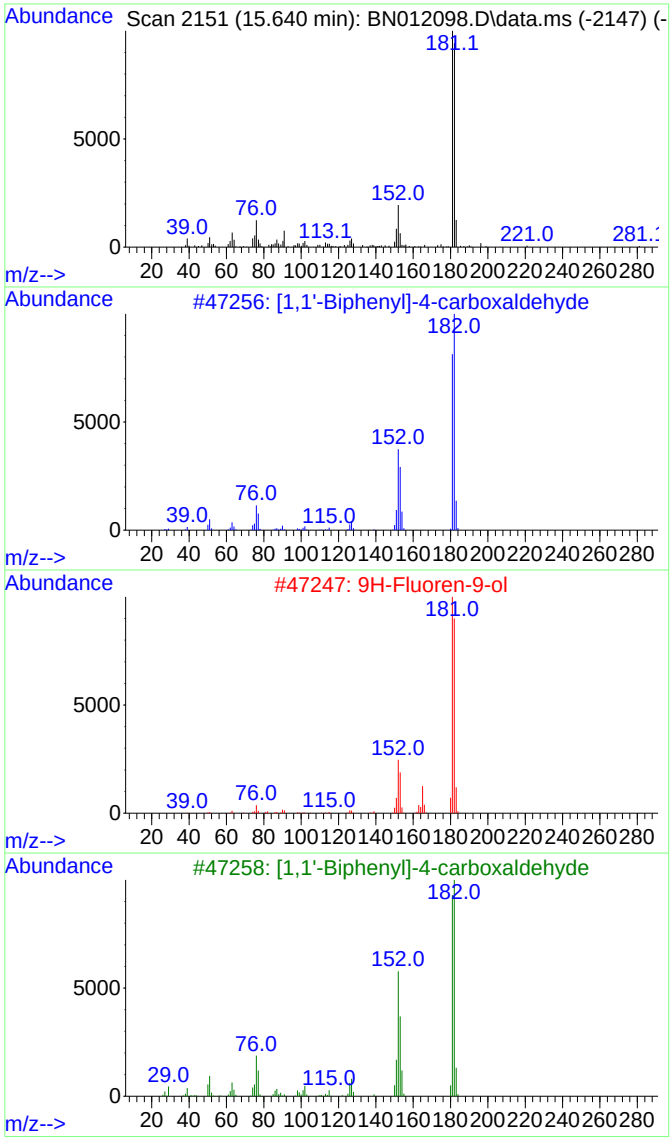
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

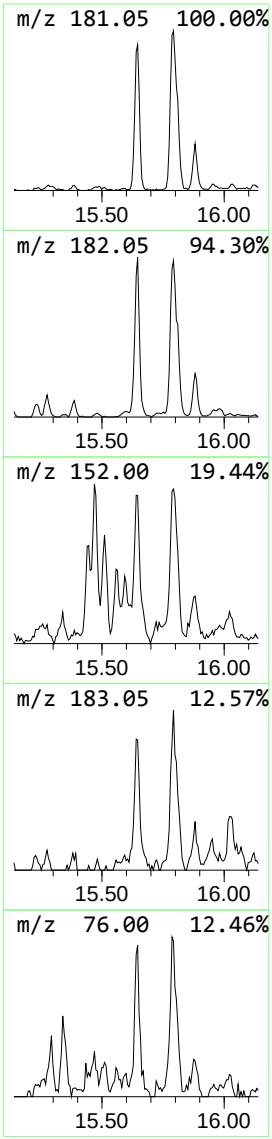
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.640	2.53 ng/ul	545113	Acenaphthene-d10	14.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100720\
Data File : BN012098.D
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Sample : L4184-16DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AP2DL

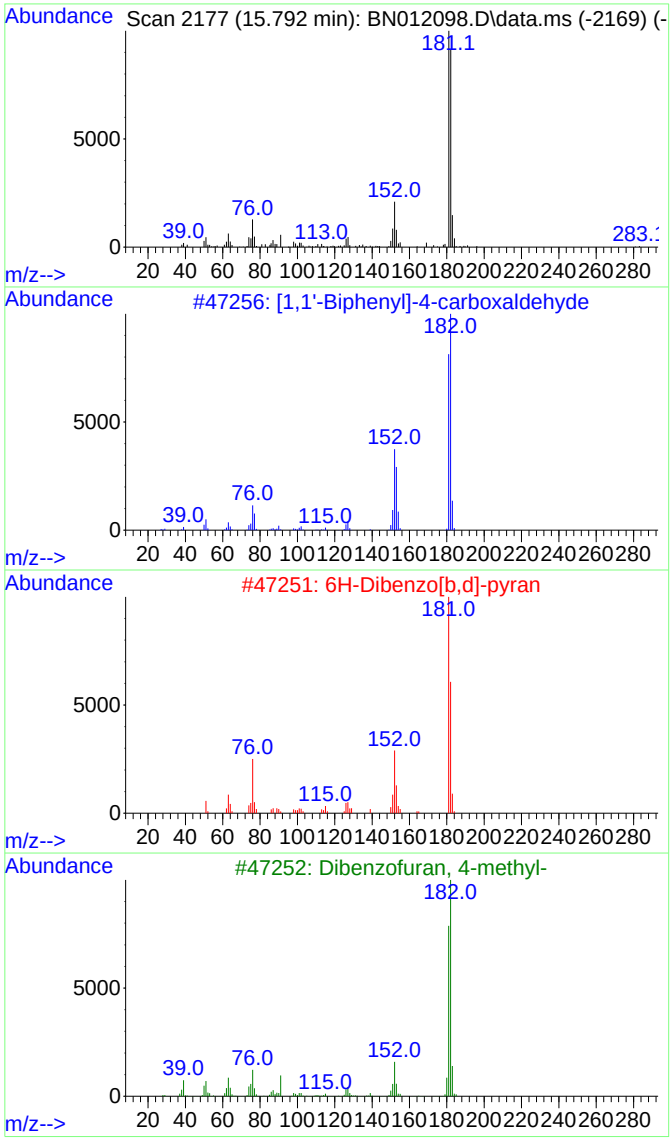
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

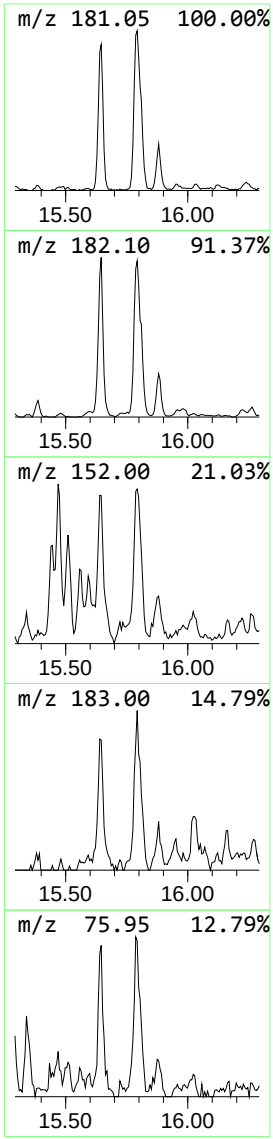
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 6H-Dibenzo[b,d]-pyran Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.790	2.77 ng/ul	644711	Phenanthrene-d10	17.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	91
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86





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Instrument : BNA_N
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

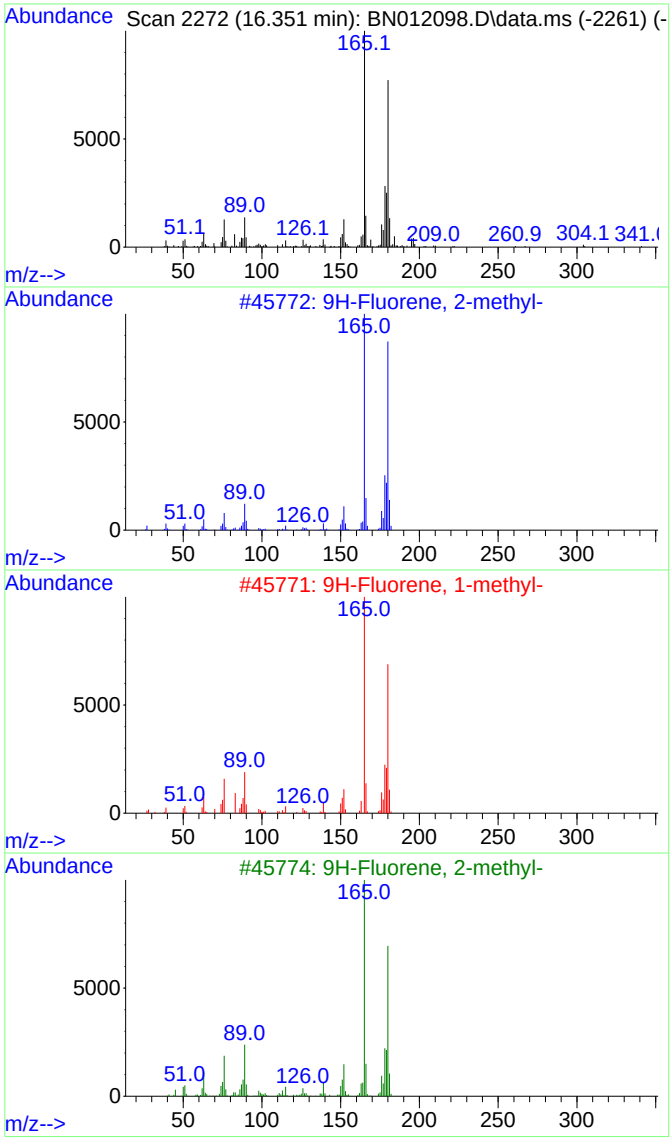
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

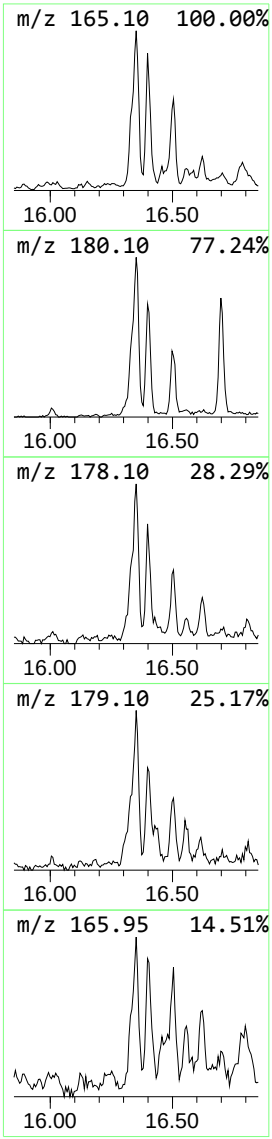
****

Peak Number 3 9H-Fluorene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.350	3.42 ng/ul	797919	Phenanthrene-d10	17.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	95
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90





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Acq On : 07 Oct 2020 15:47
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Sample : L4184-16DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AP2DL

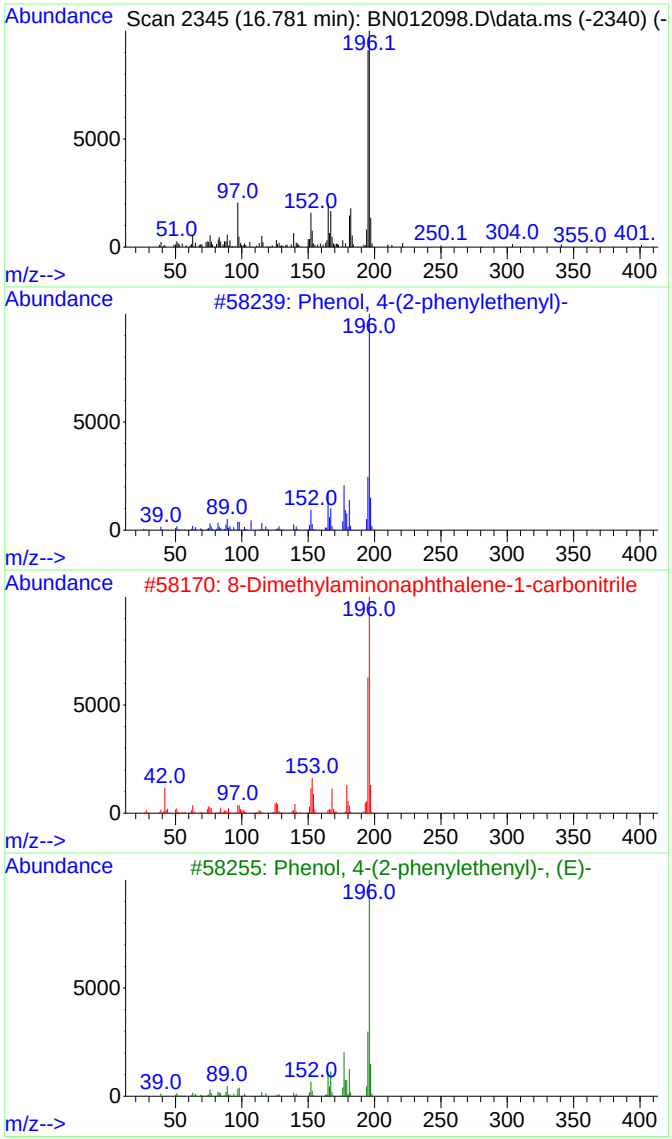
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

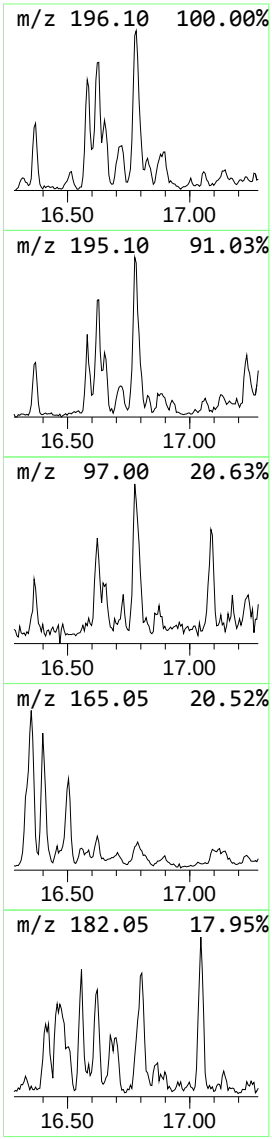
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenol, 4-(2-phenylethenyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.780	2.52 ng/ul	587561	Phenanthrene-d10	17.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	83
2	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	64
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	49
4	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	47
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100720\
Data File : BN012098.D
Acq On : 07 Oct 2020 15:47
Operator : CG/JU
Sample : L4184-16DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AP2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

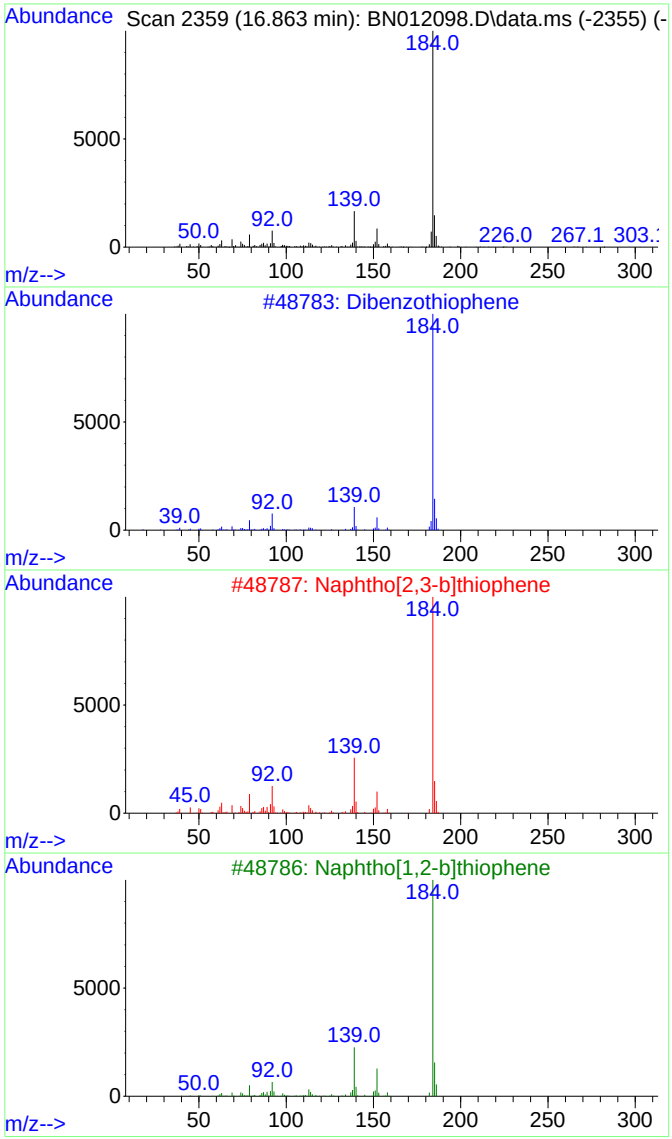
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

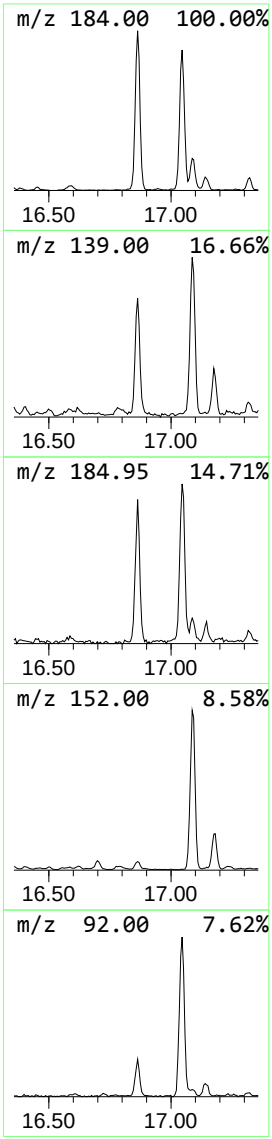
****

Peak Number 5 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.860	2.77 ng/ul	645500	Phenanthrene-d10	17.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	94





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Acq On : 07 Oct 2020 15:47
Operator : CG/JU
Sample : L4184-16DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AP2DL

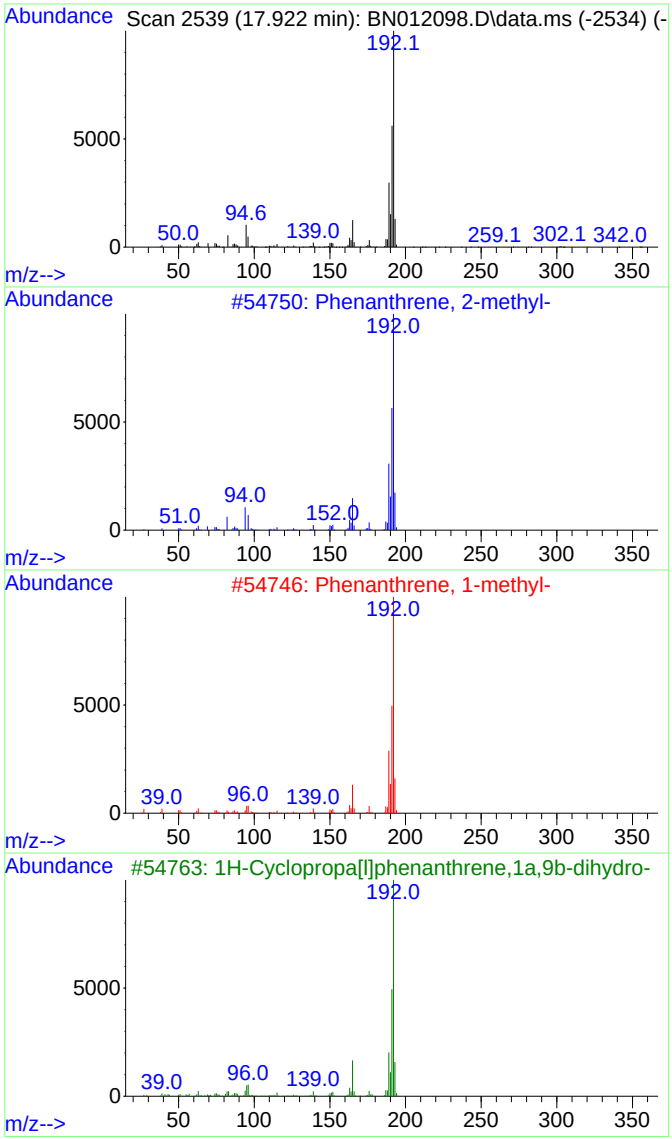
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

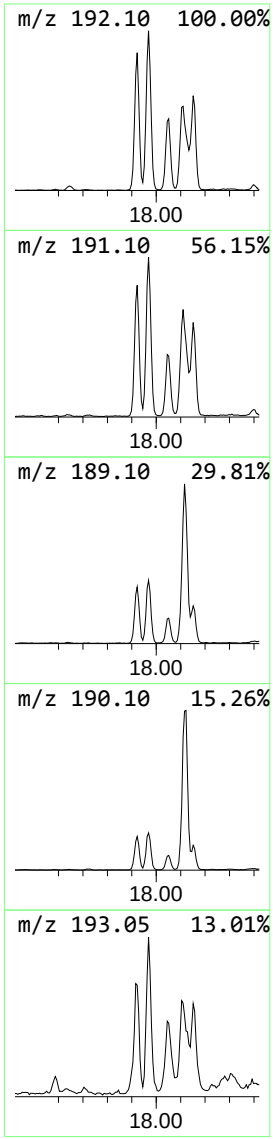
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.920	9.09 ng/ul	2119720	Phenanthrene-d10	17.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Operator : CG/JU
Sample : L4184-16DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AP2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

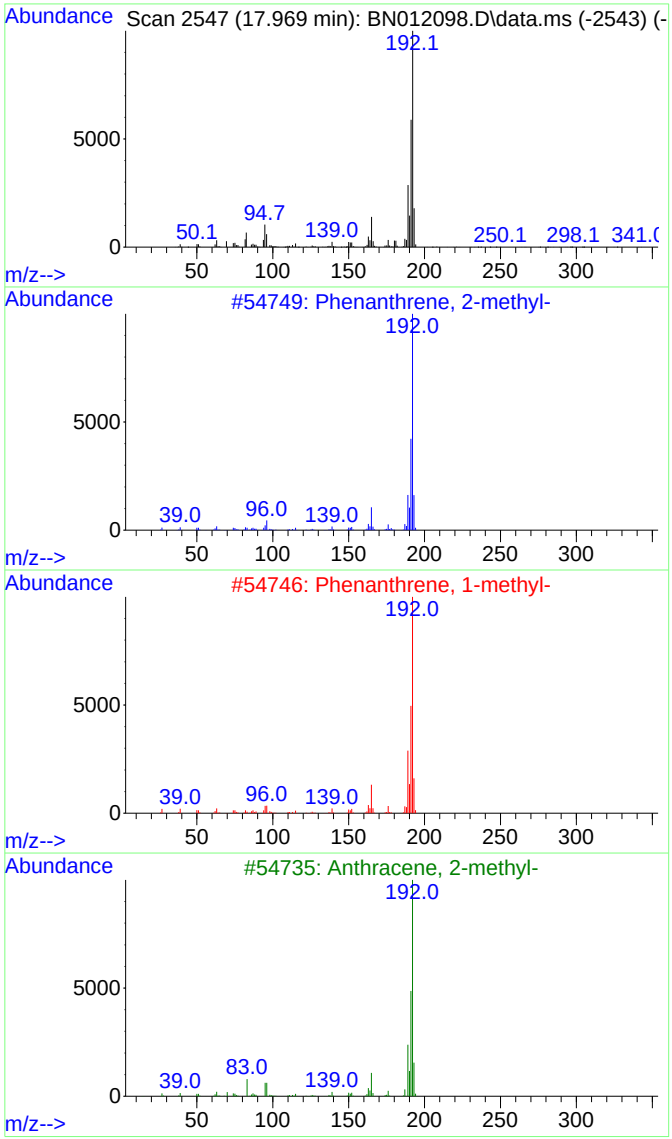
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

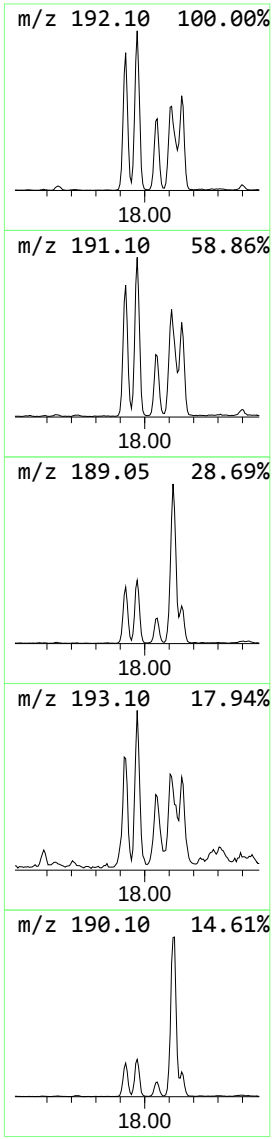
****

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.970	10.90 ng/ul	2540300	Phenanthrene-d10	17.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96





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Sample : L4184-16DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AP2DL

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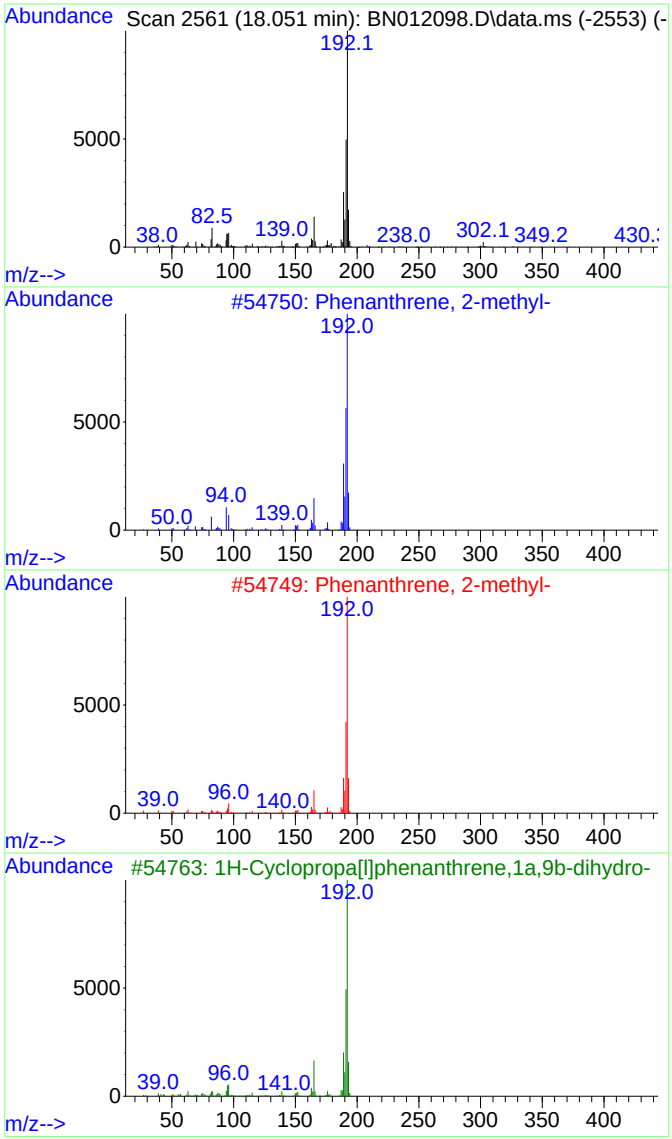
Quant Title : SVOA CALIBRATION

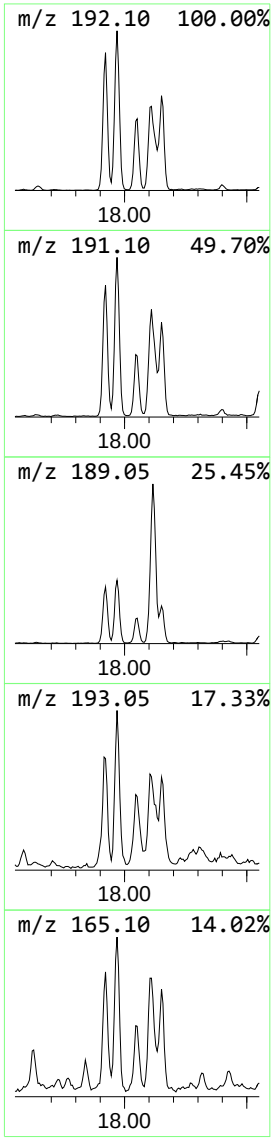
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.050	5.77 ng/ul	1345490	Phenanthrene-d10	17.045

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





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Operator : CG/JU
Sample : L4184-16DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AP2DL

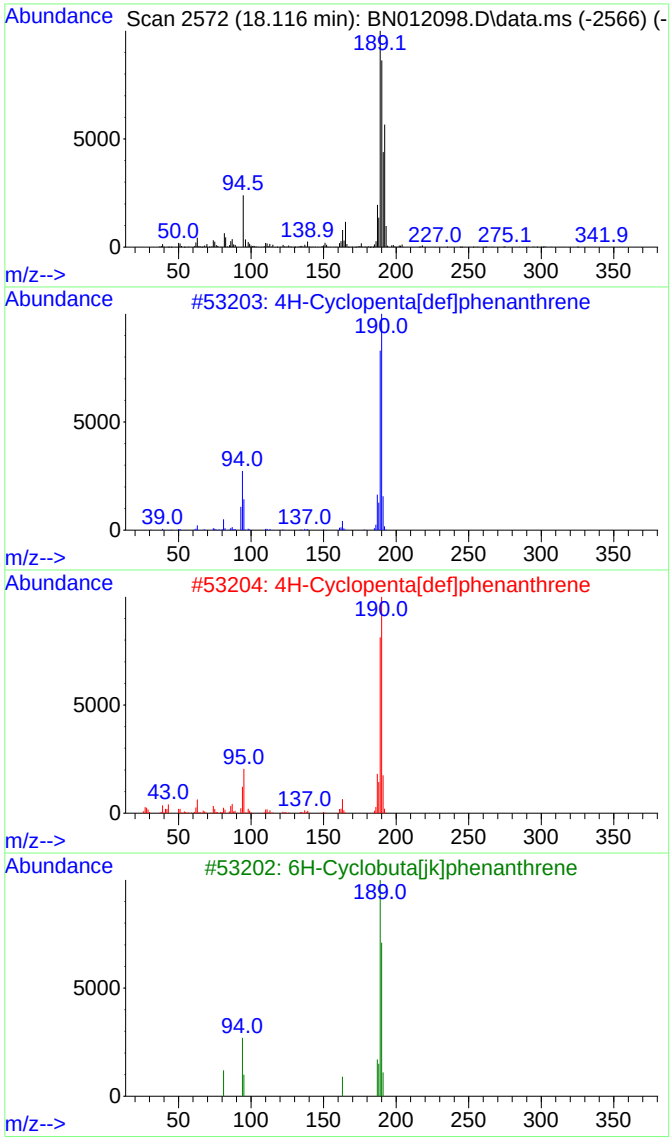
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

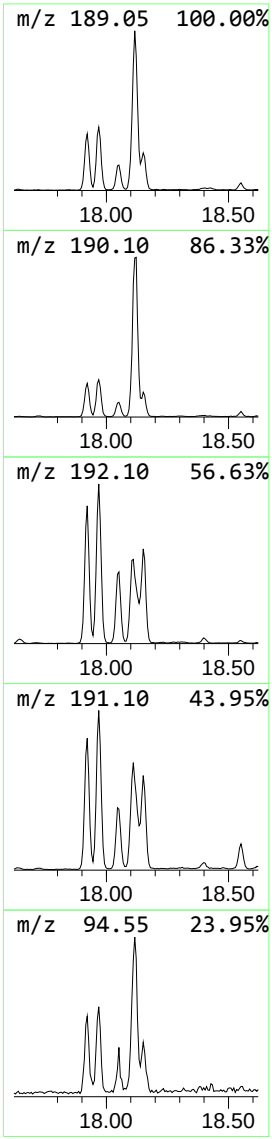
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.120	15.69 ng/ul	3657170	Phenanthrene-d10	17.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
4	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AP2DL

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Quant Title : SVOA CALIBRATION

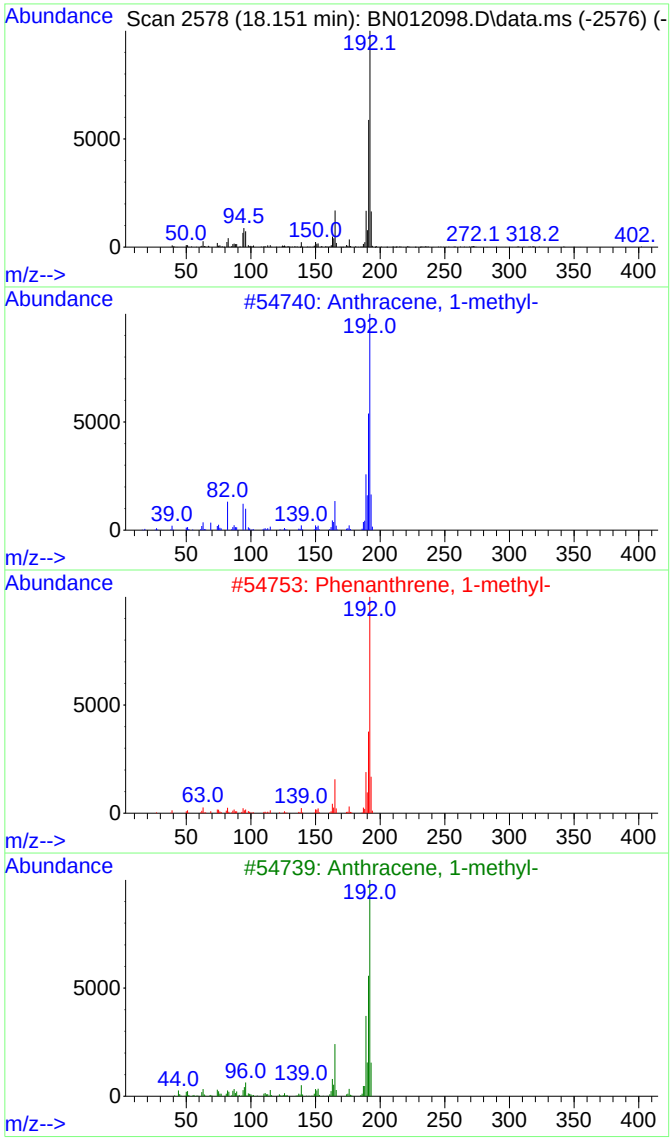
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

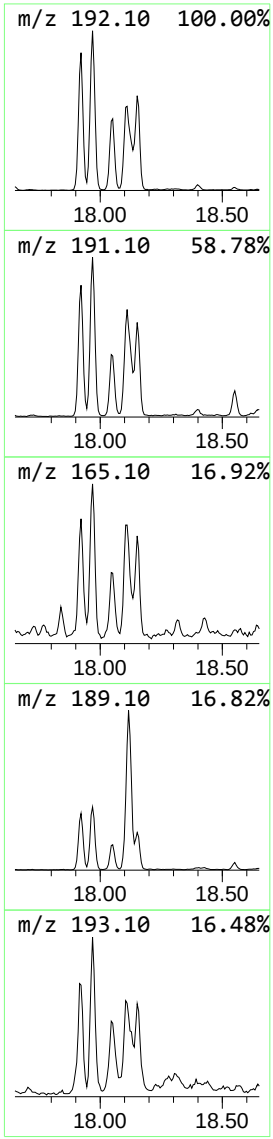
****

Peak Number 10 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.150	5.31 ng/ul	1237870	Phenanthrene-d10	17.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	87





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Acq On : 07 Oct 2020 15:47
Operator : CG/JU
Sample : L4184-16DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AP2DL

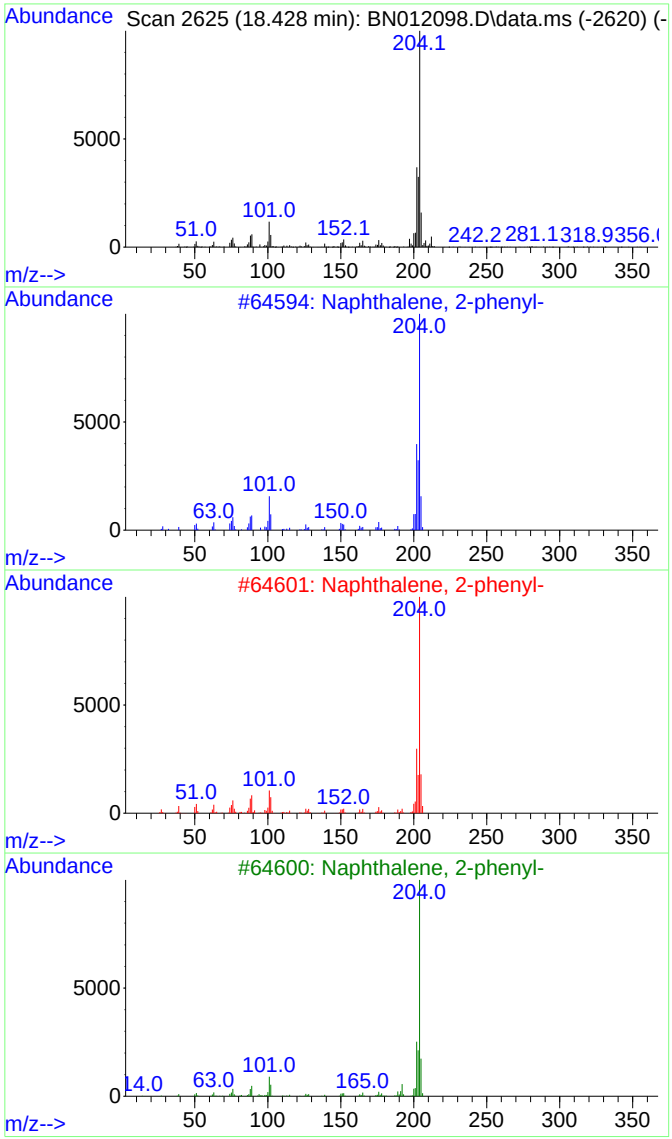
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

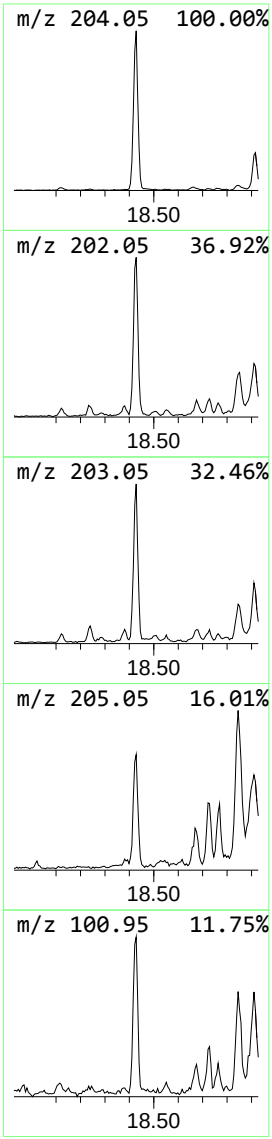
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.430	4.42 ng/ul	1031370	Phenanthrene-d10	17.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86





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Operator : CG/JU
Sample : L4184-16DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AP2DL

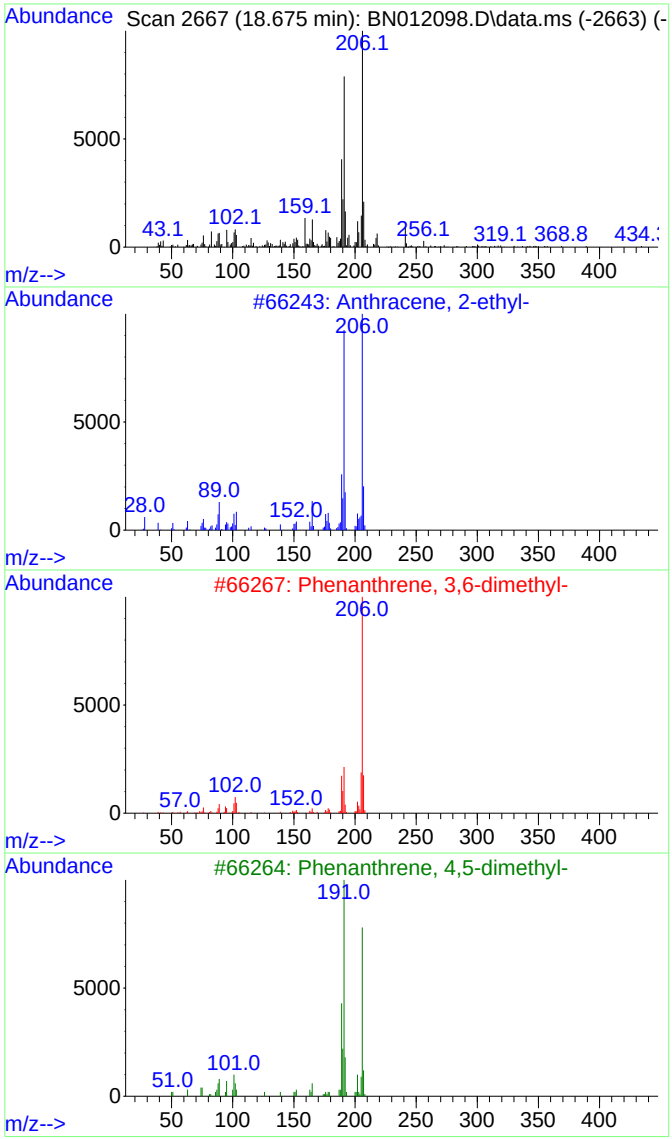
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

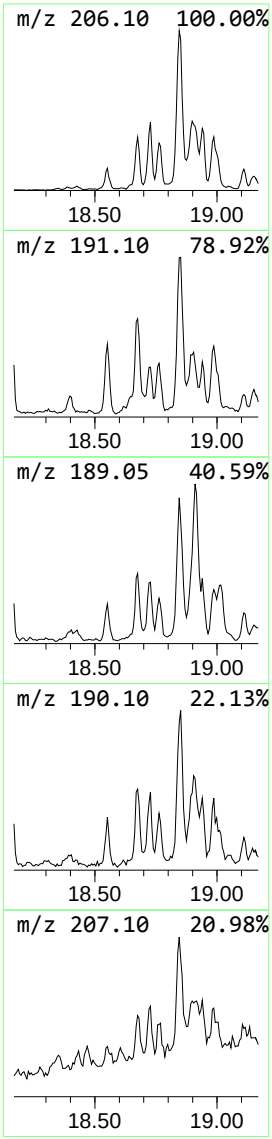
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Anthracene, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.670	2.78 ng/ul	648945	Phenanthrene-d10	17.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90





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Operator : CG/JU
Sample : L4184-16DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AP2DL

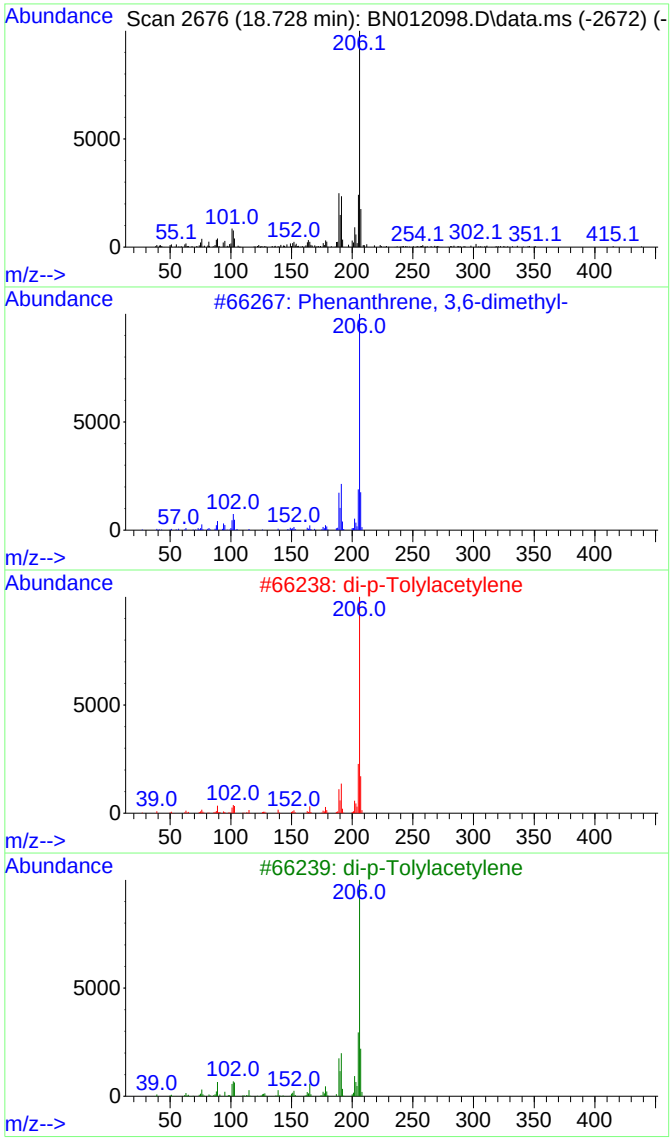
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

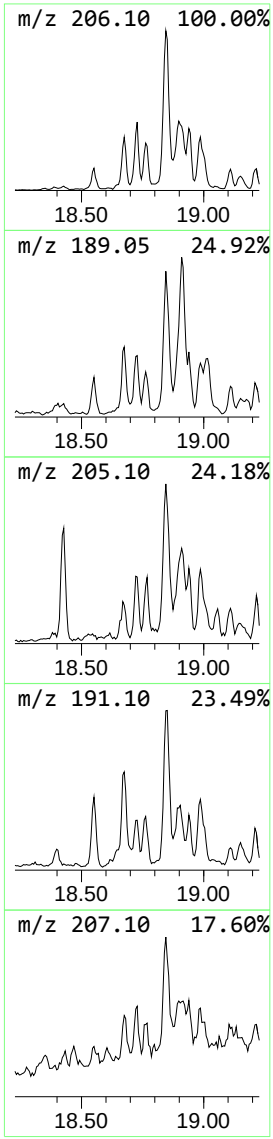
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.730	2.15 ng/ul	501403	Phenanthrene-d10	17.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83





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Operator : CG/JU
Sample : L4184-16DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AP2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

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

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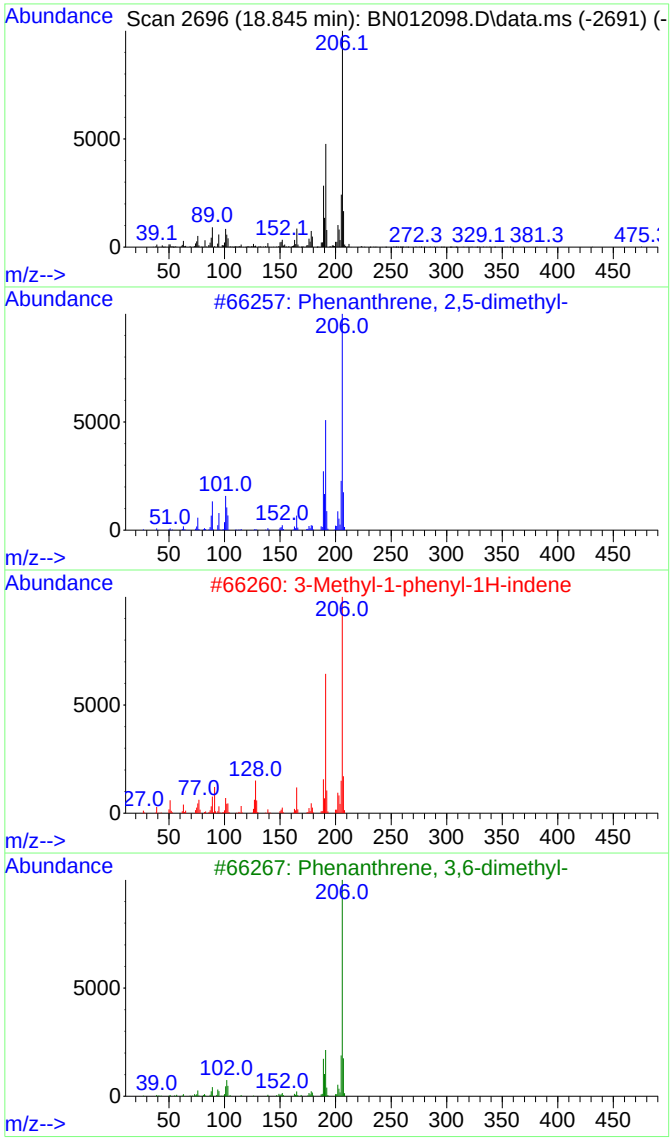
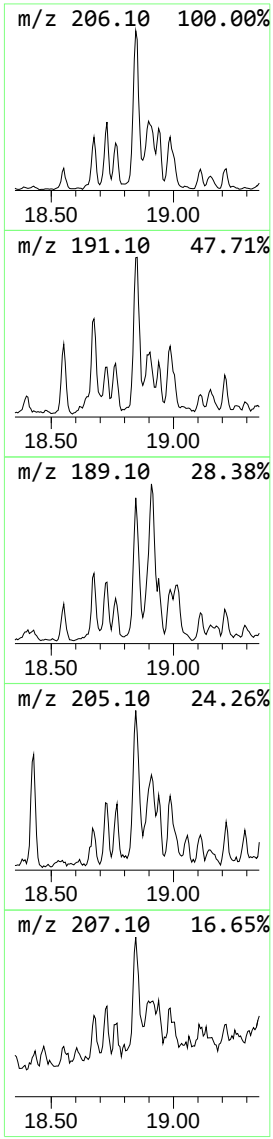
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.850	6.53 ng/ul	1521540	Phenanthrene-d10	17.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93





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Sample : L4184-16DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AP2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

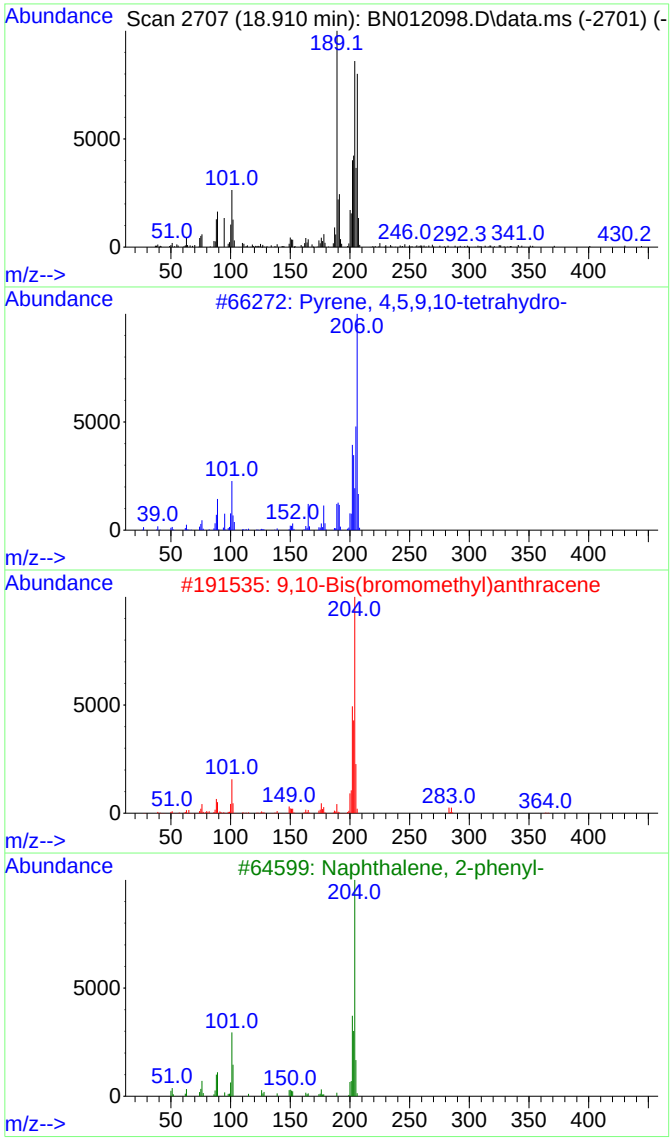
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

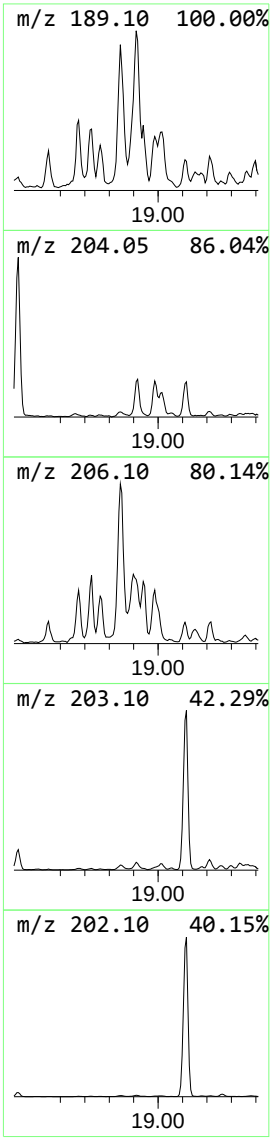
****

Peak Number 15 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.910	4.67 ng/ul	1088050	Phenanthrene-d10	17.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	35
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	35
4	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	30
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	30





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Sample : L4184-16DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AP2DL

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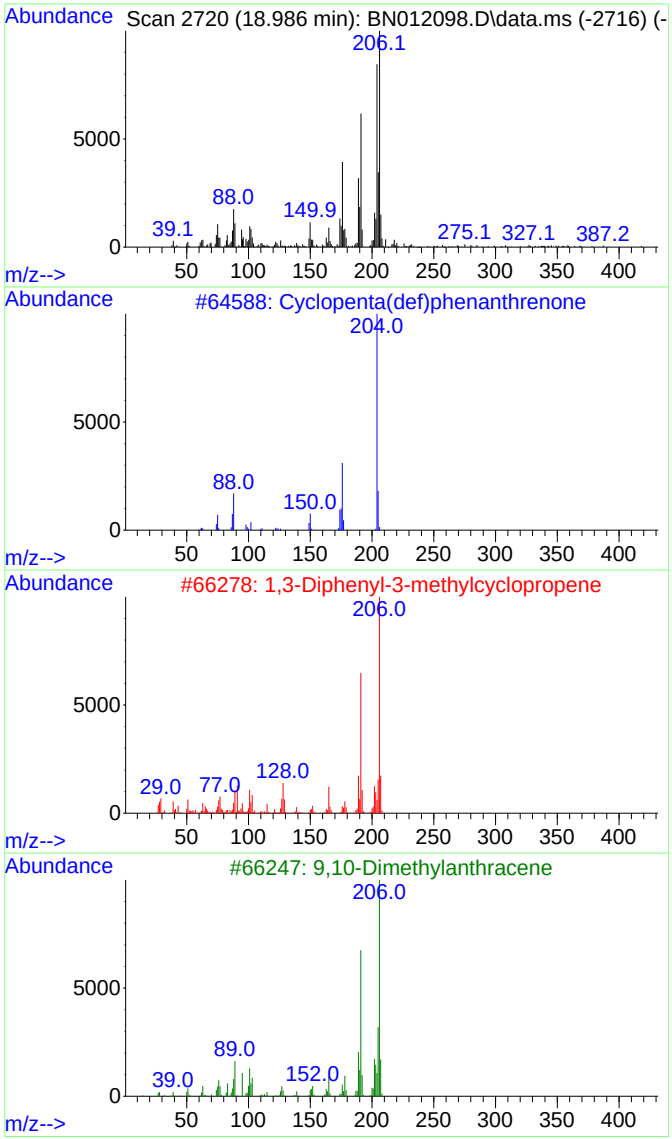
Quant Title : SVOA CALIBRATION

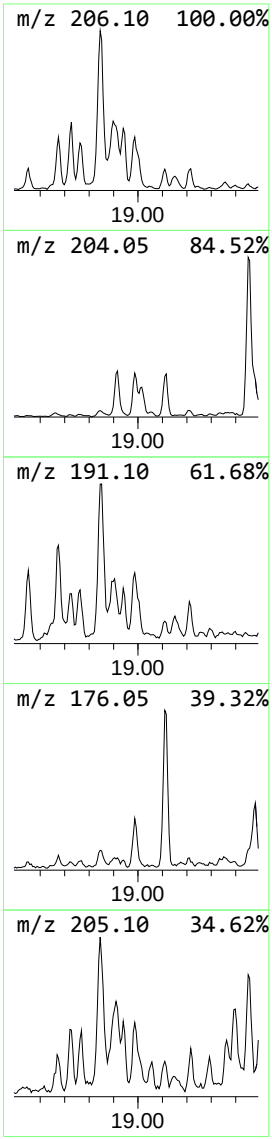
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.990	3.99 ng/ul	930889	Phenanthrene-d10	17.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	83
2	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	64
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	50
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	46





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Data File : BN012098.D
Acq On : 07 Oct 2020 15:47
Operator : CG/JU
Sample : L4184-16DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AP2DL

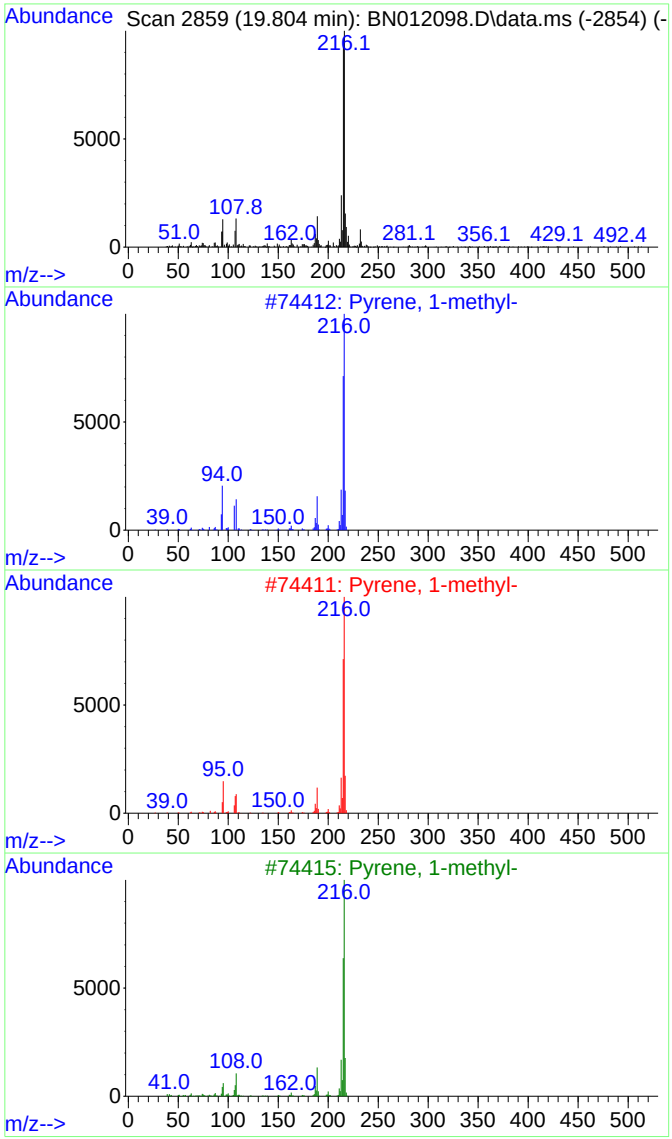
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

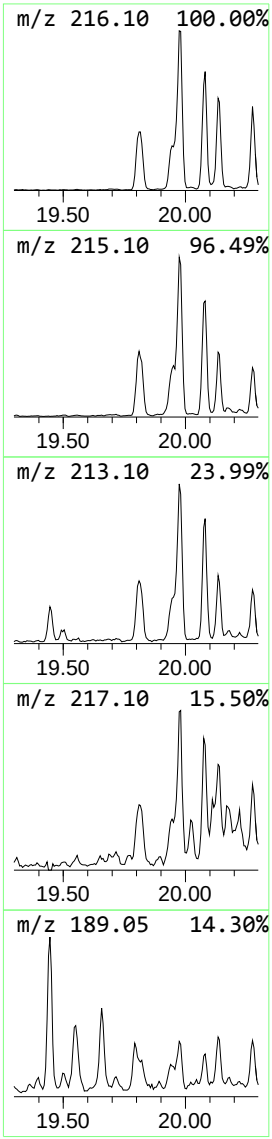
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.800	2.65 ng/ul	1549170	Chrysene-d12	21.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100720\
Data File : BN012098.D
Acq On : 07 Oct 2020 15:47
Operator : CG/JU
Sample : L4184-16DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AP2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

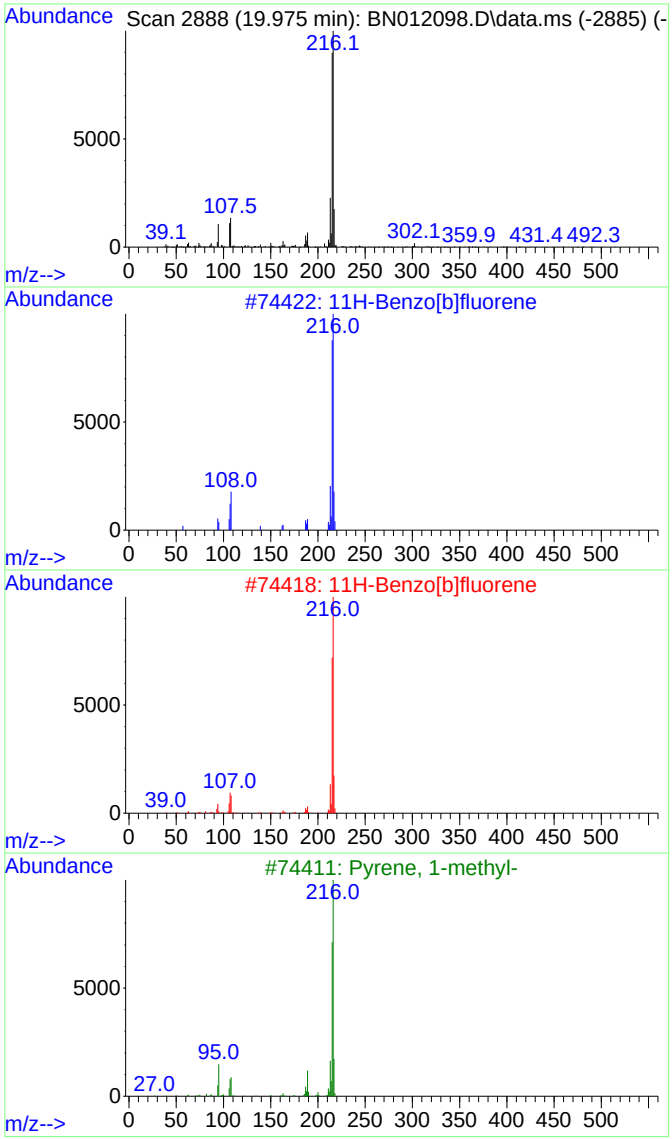
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

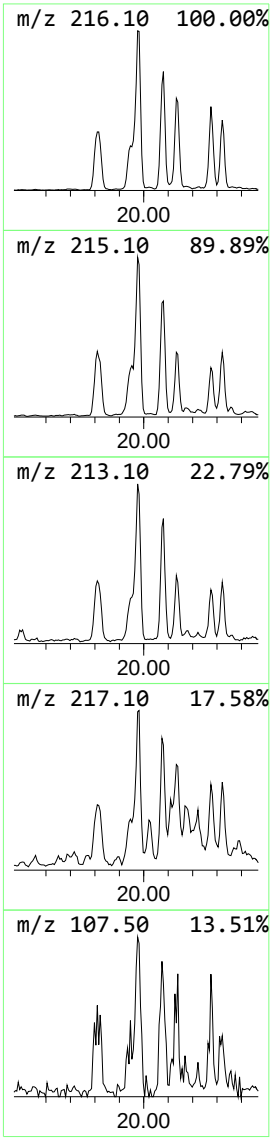
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.970	3.33 ng/ul	1946490	Chrysene-d12	21.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





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Data File : BN012098.D
Acq On : 07 Oct 2020 15:47
Operator : CG/JU
Sample : L4184-16DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AP2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

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

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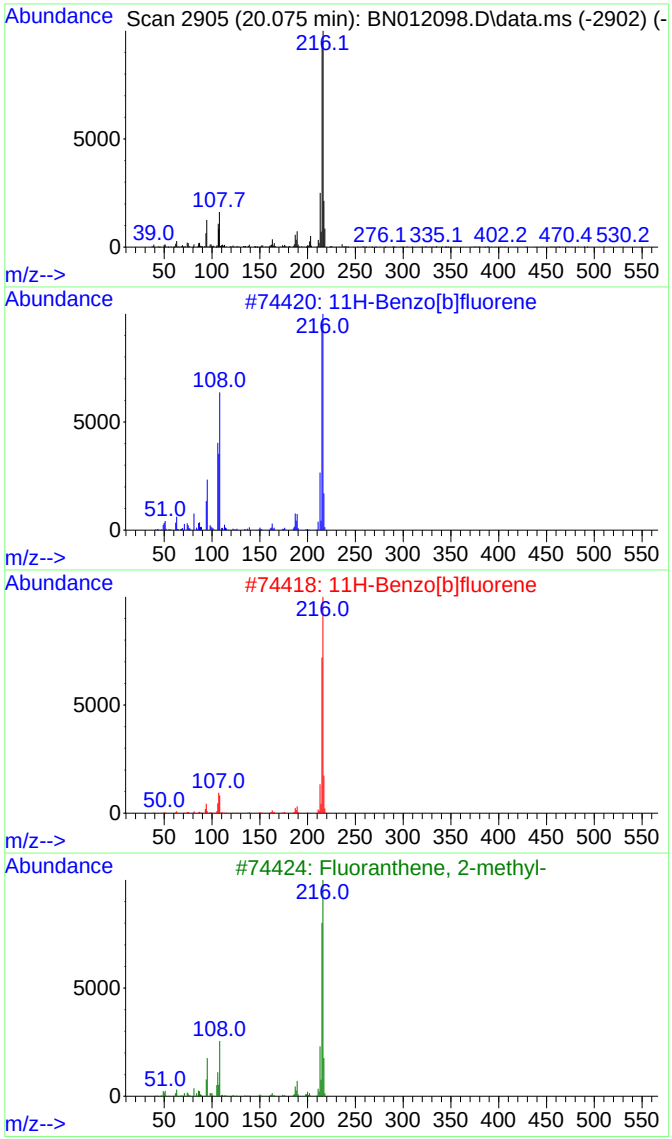
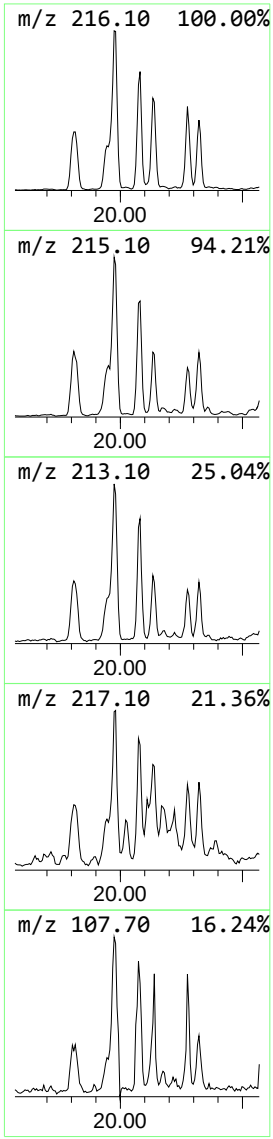
Peak Number 19 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.070	2.20 ng/ul	1285120	Chrysene-d12	21.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86





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Data File : BN012098.D
Acq On : 07 Oct 2020 15:47
Operator : CG/JU
Sample : L4184-16DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AP2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

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

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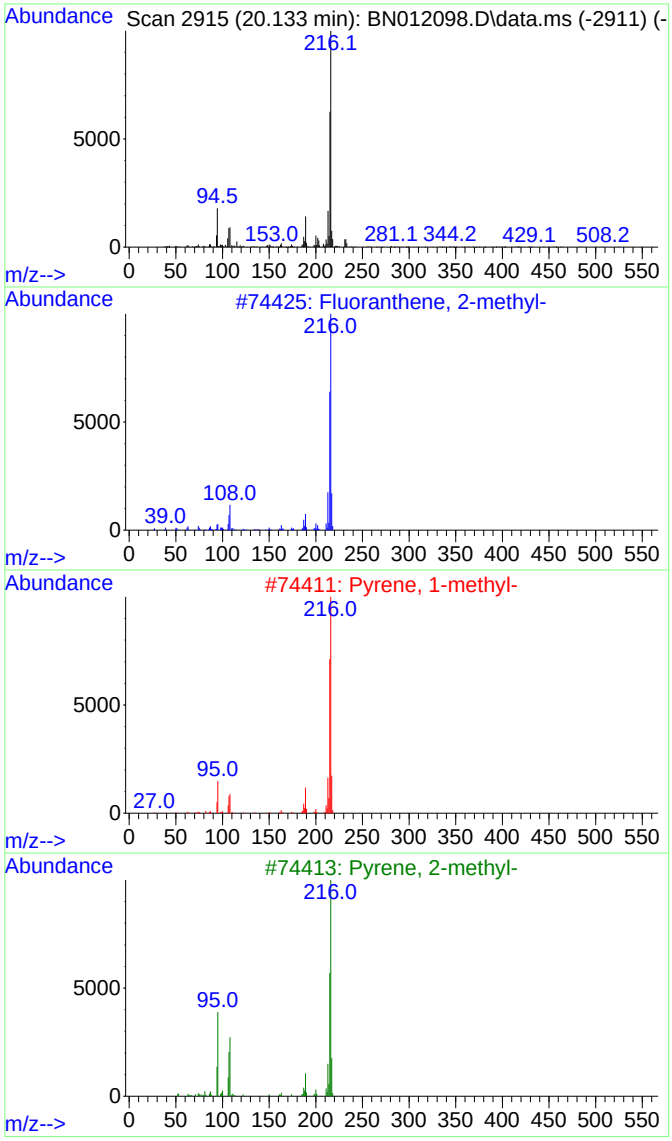
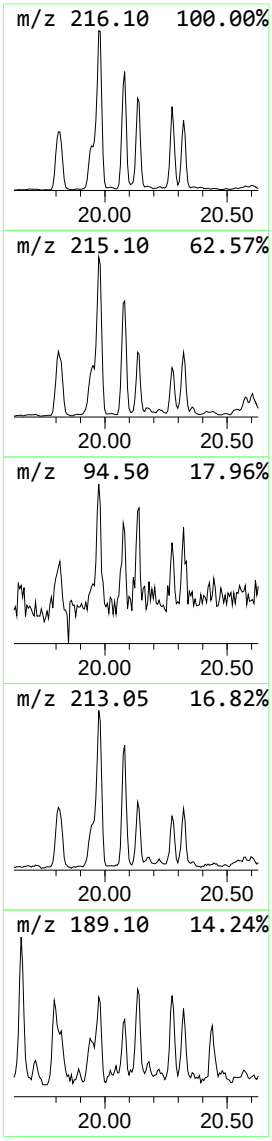
Peak Number 20 Pyrene, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.130	2.12 ng/ul	1239620	Chrysene-d12	21.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100720\
Data File : BN012098.D
Acq On : 07 Oct 2020 15:47
Operator : CG/JU
Sample : L4184-16DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AP2DL

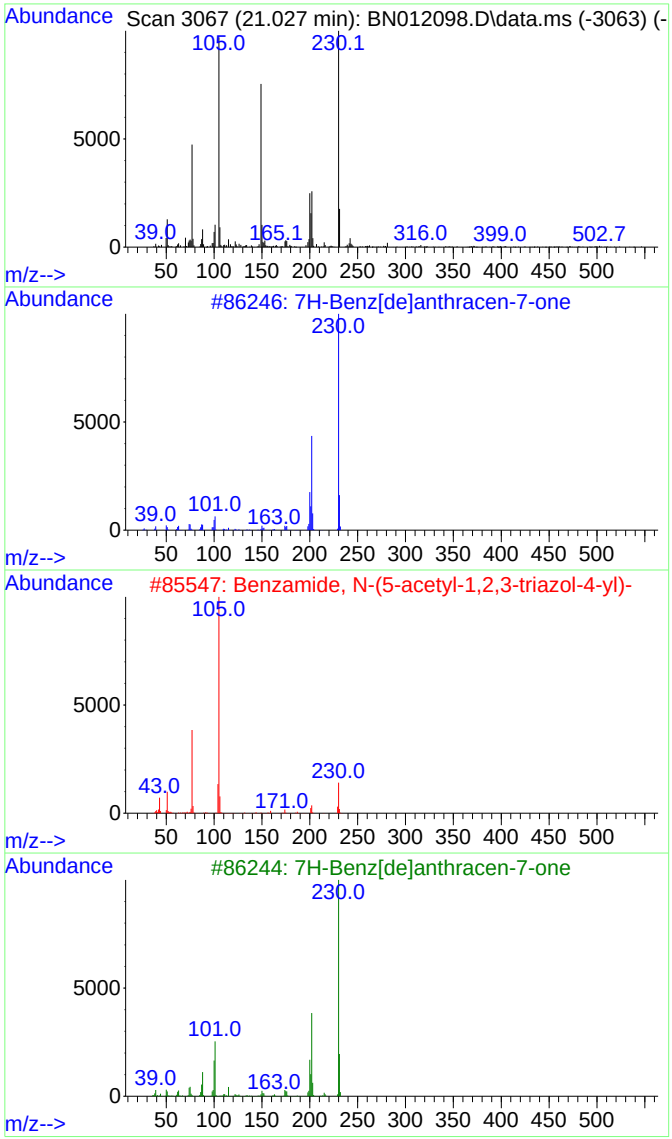
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

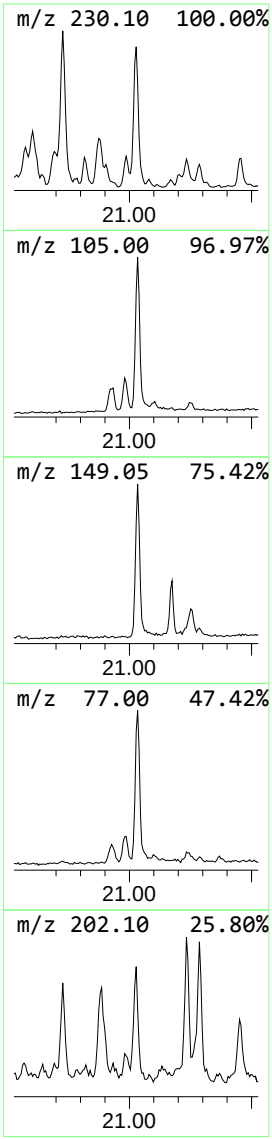
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 7H-Benz[de]anthracen-7-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.030	2.97 ng/ul	1736150	Chrysene-d12	21.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	51
2	Benzamide, N-(5-acetyl-1,2,3-tri...	230	C11H10N4O2	129959-33-7	46
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	46
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	41
5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100720\
Data File : BN012098.D
Acq On : 07 Oct 2020 15:47
Operator : CG/JU
Sample : L4184-16DL 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AP2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
[1,1'-Biphenyl]...	15.640	2.5	ng/ul	545113	3	14.298	4304730	20.0
6H-Dibenzo[b,d]...	15.790	2.8	ng/ul	644711	4	17.045	4662000	20.0
9H-Fluorene, 2-...	16.350	3.4	ng/ul	797919	4	17.045	4662000	20.0
Phenol, 4-(2-ph...	16.780	2.5	ng/ul	587561	4	17.045	4662000	20.0
Dibenzothiophene	16.860	2.8	ng/ul	645500	4	17.045	4662000	20.0
Phenanthrene, 2...	17.920	9.1	ng/ul	2119720	4	17.045	4662000	20.0
Phenanthrene, 1...	17.970	10.9	ng/ul	2540300	4	17.045	4662000	20.0
1H-Cyclopropa[1...	18.050	5.8	ng/ul	1345490	4	17.045	4662000	20.0
4H-Cyclopenta[d...	18.120	15.7	ng/ul	3657170	4	17.045	4662000	20.0
Anthracene, 1-m...	18.150	5.3	ng/ul	1237870	4	17.045	4662000	20.0
Naphthalene, 2-...	18.430	4.4	ng/ul	1031370	4	17.045	4662000	20.0
Anthracene, 2-e...	18.670	2.8	ng/ul	648945	4	17.045	4662000	20.0
Phenanthrene, 3...	18.730	2.1	ng/ul	501403	4	17.045	4662000	20.0
Phenanthrene, 2...	18.850	6.5	ng/ul	1521540	4	17.045	4662000	20.0
unknown-01	18.910	4.7	ng/ul	1088050	4	17.045	4662000	20.0
Cyclopenta(def)...	18.990	4.0	ng/ul	930889	4	17.045	4662000	20.0
Pyrene, 1-methyl-	19.800	2.6	ng/ul	1549170	5	21.251	11701600	20.0
11H-Benzo[b]flu...	19.970	3.3	ng/ul	1946490	5	21.251	11701600	20.0
Fluoranthene, 2...	20.070	2.2	ng/ul	1285120	5	21.251	11701600	20.0
Pyrene, 2-methyl-	20.130	2.1	ng/ul	1239620	5	21.251	11701600	20.0
7H-Benz[de]anth...	21.030	3.0	ng/ul	1736150	5	21.251	11701600	20.0