LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011455.D
Acq On : 17 Aug 2022 10:47
Operator : CG/JU
Sample : N4173-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7N7

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_P\Methods\SFAM-EPA-BP081622.M
Title : SVOA CALIBRATION

Signal : TIC: BP011455.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.740	633	638	654	rVB	362454	595198	3.96%	0.425%
2	6.904	660	666	677	rVB	256474	397214	2.64%	0.283%
3	7.093	691	698	709	rBV	346053	542132	3.61%	0.387%
4	7.557	770	777	786	rBV	404860	615889	4.10%	0.439%
5	8.275	892	899	909	rBV	449199	710669	4.73%	0.507%
6	8.387	913	918	927	rVB	55535	94984	0.63%	0.068%
7	8.722	967	975	983	rBV	357351	562516	3.74%	0.401%
8	9.440	1089	1097	1105	rBV	290599	460378	3.06%	0.328%
9	9.975	1178	1188	1204	rBV	430636	735575	4.89%	0.525%
10	10.345	1242	1251	1256	rBV	547161	884635	5.88%	0.631%
11	10.392	1256	1259	1266	rVB	45214	70516	0.47%	0.050%
12	10.504	1267	1278	1294	rBV2	61487	133273	0.89%	0.095%
13	13.657	1808	1814	1820	rVV	821319	1111780	7.40%	0.793%
14	13.922	1851	1859	1873	rBV	868124	1241617	8.26%	0.886%
15	14.227	1904	1911	1917	rBV	730188	1086242	7.23%	0.775%
16	14.292	1917	1922	1931	rVB	190829	276244	1.84%	0.197%
17	14.457	1943	1950	1961	rBV	296778	498696	3.32%	0.356%
18	14.633	1975	1980	1984	rBV	76898	108859	0.72%	0.078%
19	15.233	2076	2082	2087	rVV	1218582	1613066	10.73%	1.151%
20	15.286	2087	2091	2096	rVV	136009	194956	1.30%	0.139%
21	15.369	2099	2105	2110	rVV	274188	385925	2.57%	0.275%
22	15.733	2163	2167	2176	rVB	32816	67534	0.45%	0.048%
23	15.974	2203	2208	2216	rBV4	45698	91812	0.61%	0.066%
24	16.757	2332	2341	2347	rBV3	89842	208589	1.39%	0.149%
25	16.821	2347	2352	2361	rVB	87837	146676	0.98%	0.105%
26	17.004	2377	2383	2386	rBV	899629	1287154	8.56%	0.918%
27	17.045	2386	2390	2395	rVV	1943656	2636626	17.54%	1.881%
28	17.104	2395	2400	2403	rVV	1351161	1911945	12.72%	1.364%
29	17.133	2403	2405	2413	rVV	369759	484460	3.22%	0.346%
30	17.204	2413	2417	2422	rVB2	36632	68738	0.46%	0.049%
31	17.416	2449	2453	2467	rVB	219448	361793	2.41%	0.258%
32	17.527	2467	2472	2475	rBV2	58930	88690	0.59%	0.063%
33	17.880	2527	2532	2536	rBV	207896	275177	1.83%	0.196%
34	17.927	2536	2540	2547	rVV	419613	563046	3.75%	0.402%
35	18.010	2547	2554	2559	rVV2	117471	236024	1.57%	0.168%
36	18.074	2559	2565	2568	rVV2	391277	655461	4.36%	0.468%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011455.D
Acq On : 17 Aug 2022 10:47
Operator : CG/JU
Sample : N4173-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7N7

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_P\Methods\SFAM-EPA-BP081622.M
Title : SVOA CALIBRATION

37	18.104	2568	2570	2576	rVB	207948	259269	1.72%	0.185%
38	18.374	2613	2616	2620	rVB	163227	196872	1.31%	0.140%
39	18.615	2653	2657	2662	rBV2	78648	100400	0.67%	0.072%
40	18.698	2668	2671	2676	rVB3	91118	110361	0.73%	0.079%
41	18.780	2681	2685	2689	rBV2	97212	158142	1.05%	0.113%
42	18.827	2690	2693	2698	rVV3	95230	175740	1.17%	0.125%
43	18.868	2698	2700	2704	rVB	148196	167010	1.11%	0.119%
44	18.939	2704	2712	2716	rBV5	108385	289558	1.93%	0.207%
45	18.986	2717	2720	2723	rBV3	69461	93816	0.62%	0.067%
46	19.045	2724	2730	2736	rVB	5654224	7410844	49.30%	5.287%
47	19.104	2736	2740	2743	rVB3	111207	142673	0.95%	0.102%
48	19.139	2743	2746	2749	rBV2	62607	65555	0.44%	0.047%
49	19.274	2766	2769	2773	rVB	149333	218651	1.45%	0.156%
50	19.368	2779	2785	2787	rBV2	2513240	3644895	24.25%	2.600%
51	19.398	2787	2790	2798	rVV	5524522	6882653	45.78%	4.910%
52	19.468	2798	2802	2808	rVB2	287517	480146	3.19%	0.343%
53	19.568	2815	2819	2825	rBV	326332	465939	3.10%	0.332%
54	19.633	2826	2830	2835	rVB	169515	236336	1.57%	0.169%
55	19.715	2838	2844	2850	rBV4	337343	779564	5.19%	0.556%
56	19.774	2851	2854	2856	rBV	152883	192239	1.28%	0.137%
57	19.804	2856	2859	2863	rVV	809301	930348	6.19%	0.664%
58	19.845	2863	2866	2867	rVV2	341327	379091	2.52%	0.270%
59	19.880	2868	2872	2876	rVB2	943013	1389903	9.25%	0.992%
60	19.980	2885	2889	2893	rBV	745053	862686	5.74%	0.615%
61	20.039	2893	2899	2902	rBV2	515235	848087	5.64%	0.605%
62	20.074	2902	2905	2909	rBV	169391	191371	1.27%	0.137%
63	20.174	2918	2922	2925	rBV	446856	537322	3.57%	0.383%
64	20.215	2925	2929	2934	rVV	446412	655581	4.36%	0.468%
65	20.286	2939	2941	2947	rVB3	108430	149187	0.99%	0.106%
66	20.404	2958	2961	2963	rBV2	119605	128768	0.86%	0.092%
67	20.439	2964	2967	2970	rBV3	130367	179456	1.19%	0.128%
68	20.580	2988	2991	2994	rBV3	141562	205687	1.37%	0.147%
69	20.621	2994	2998	3004	rVB	518090	698743	4.65%	0.499%
70	20.745	3016	3019	3021	rBV	150692	188618	1.25%	0.135%
71	20.780	3022	3025	3029	rVV	541333	705221	4.69%	0.503%
72	20.821	3029	3032	3035	rVV	649425	696638	4.63%	0.497%
73	20.868	3035	3040	3046	rVV3	572592	1176883	7.83%	0.840%
74	21.015	3063	3065	3071	rVB	163626	230307	1.53%	0.164%
75	21.127	3075	3084	3088	rVV3	5546496	9610861	63.93%	6.857%
76	21.174	3088	3092	3102	rVB	5913361	8081761	53.76%	5.766%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011455.D
Acq On : 17 Aug 2022 10:47
Operator : CG/JU
Sample : N4173-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7N7

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_P\Methods\SFAM-EPA-BP081622.M
Title : SVOA CALIBRATION

77	21.286	3107	3111	3118	rBV2	458424	636795	4.24%	0.454%
78	21.398	3128	3130	3133	rVB	233380	237384	1.58%	0.169%
79	21.457	3133	3140	3144	rVB2	527478	1027717	6.84%	0.733%
80	21.633	3166	3170	3173	rBV2	259904	359807	2.39%	0.257%
81	21.692	3176	3180	3184	rVV	879472	1293551	8.60%	0.923%
82	21.739	3185	3188	3194	rVB	574796	806426	5.36%	0.575%
83	21.886	3210	3213	3216	rBV2	410642	563802	3.75%	0.402%
84	21.927	3216	3220	3226	rVB4	520397	784594	5.22%	0.560%
85	21.998	3227	3232	3241	rVB3	342301	647304	4.31%	0.462%
86	22.480	3311	3314	3320	rVB	253967	380396	2.53%	0.271%
87	22.751	3351	3360	3365	rBV	5984400	15033285	100.00%	10.725%
88	22.915	3383	3388	3394	rBV	863074	1374069	9.14%	0.980%
89	23.051	3407	3411	3420	rBV	356945	940354	6.26%	0.671%
90	23.245	3436	3444	3448	rBV	3463755	6776865	45.08%	4.835%
91	23.292	3448	3452	3455	rVV2	1002266	1760898	11.71%	1.256%
92	23.345	3455	3461	3468	rVB	5028303	9353291	62.22%	6.673%
93	23.439	3471	3477	3481	rVV2	675868	1385551	9.22%	0.989%
94	23.486	3481	3485	3493	rVB2	1425690	2802889	18.64%	2.000%
95	24.339	3625	3630	3636	rBV3	232222	477938	3.18%	0.341%
96	25.827	3870	3883	3892	rVB2	3204281	10121874	67.33%	7.221%
97	26.086	3920	3927	3936	rBV	526488	1399185	9.31%	0.998%
98	26.186	3937	3944	3953	rVV3	487318	1370740	9.12%	0.978%
99	26.556	3994	4007	4023	rVB	2072766	7235994	48.13%	5.162%
100	26.909	4061	4067	4087	rVB3	524900	2074785	13.80%	1.480%

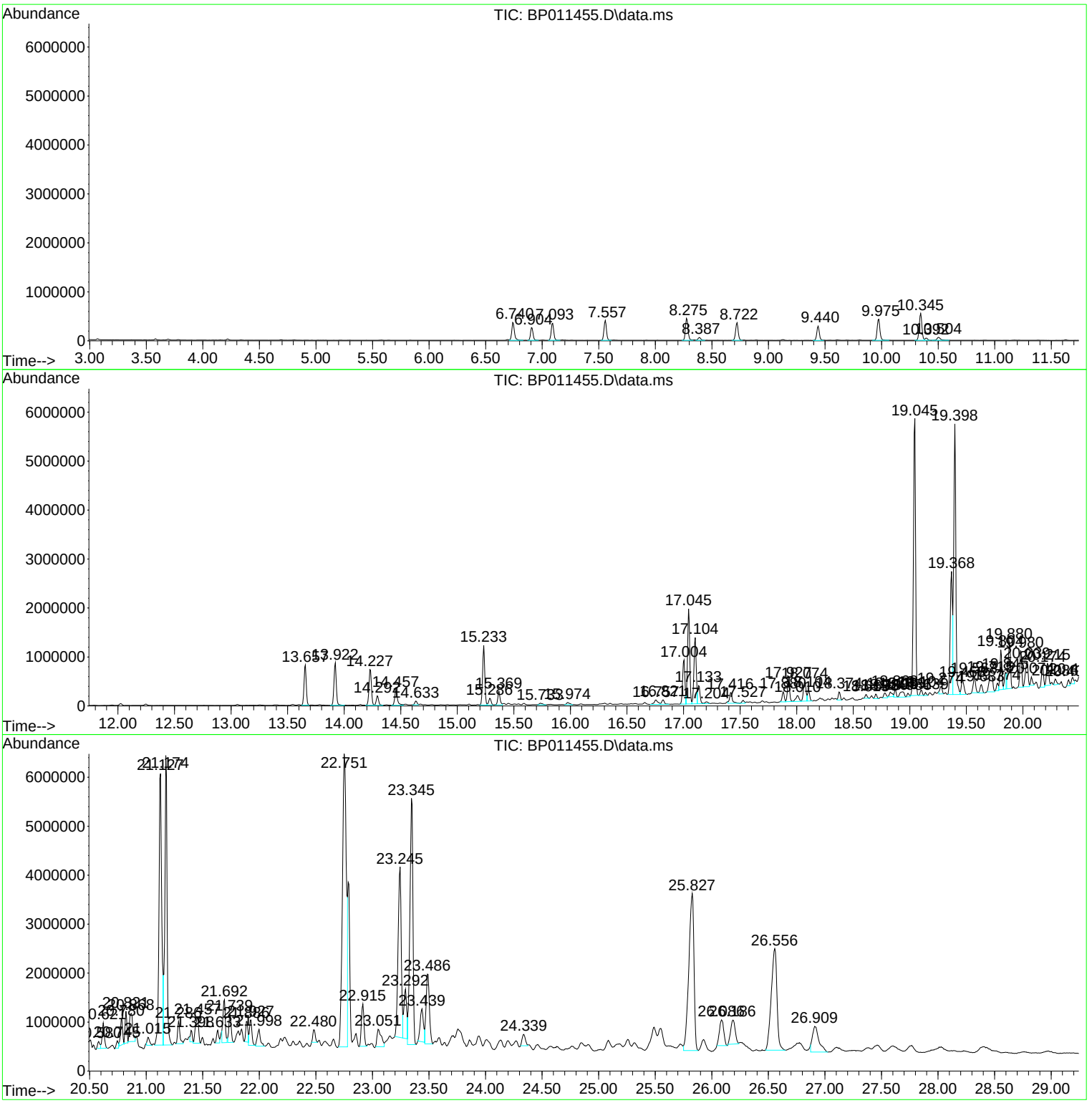
Sum of corrected areas: 140166765

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011455.D
Acq On : 17 Aug 2022 10:47
Operator : CG/JU
Sample : N4173-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7N7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011455.D
Acq On : 17 Aug 2022 10:47
Operator : CG/JU
Sample : N4173-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7N7

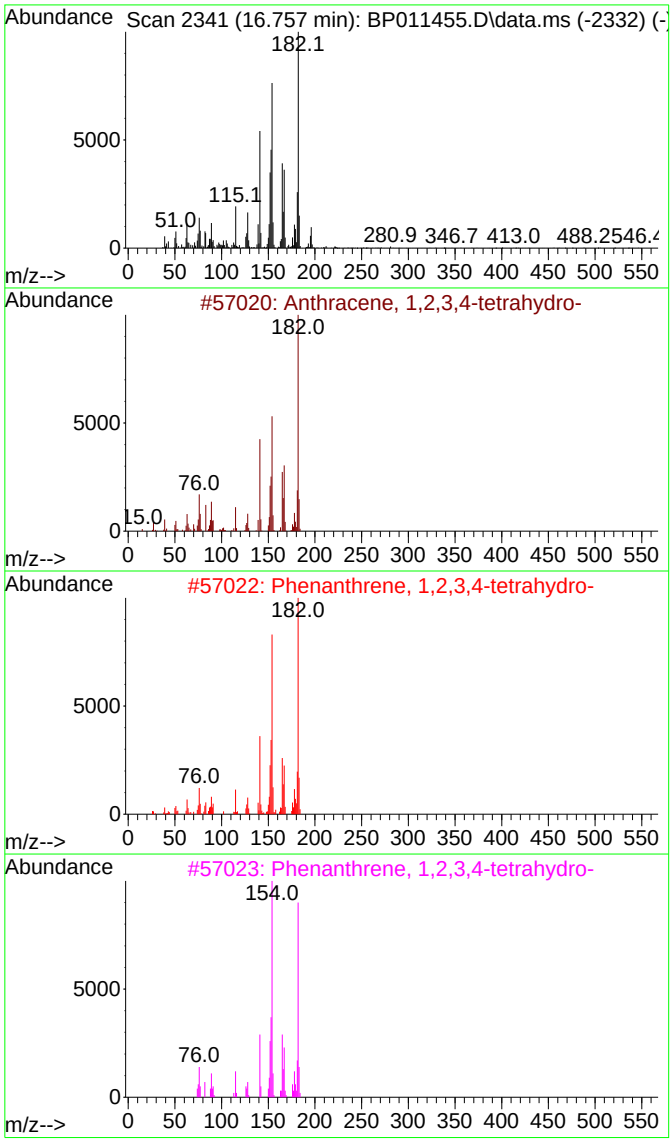
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

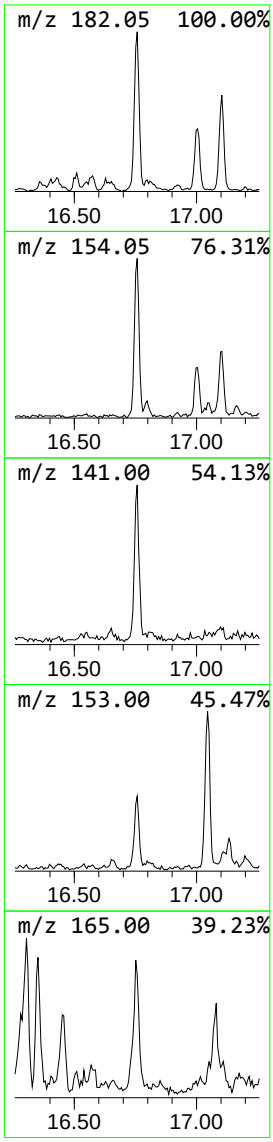
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.757	3.24 ng/ul	208589	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	97
2	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	91
3	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	91
4	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	70
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	51





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011455.D
Acq On : 17 Aug 2022 10:47
Operator : CG/JU
Sample : N4173-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7N7

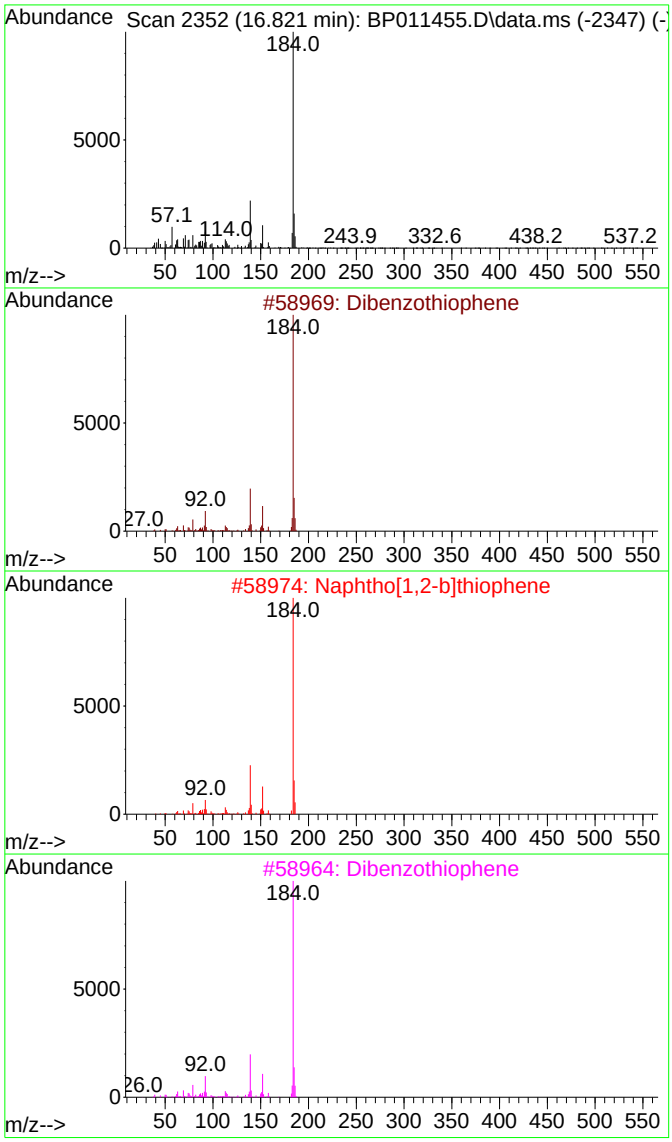
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

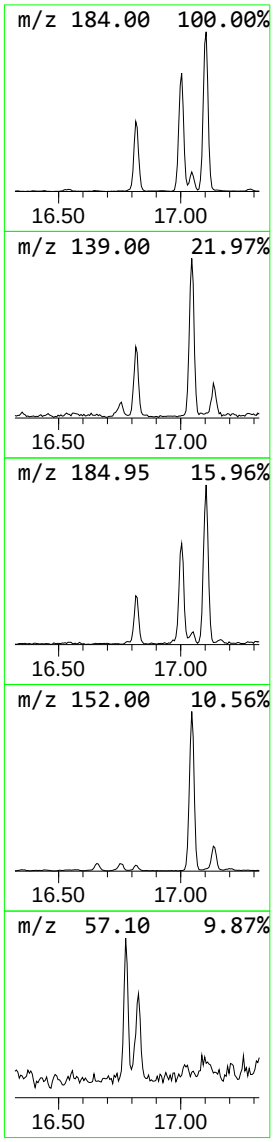
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Dibenzothiophene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.822	2.28 ng/ul	146676	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011455.D
Acq On : 17 Aug 2022 10:47
Operator : CG/JU
Sample : N4173-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7N7

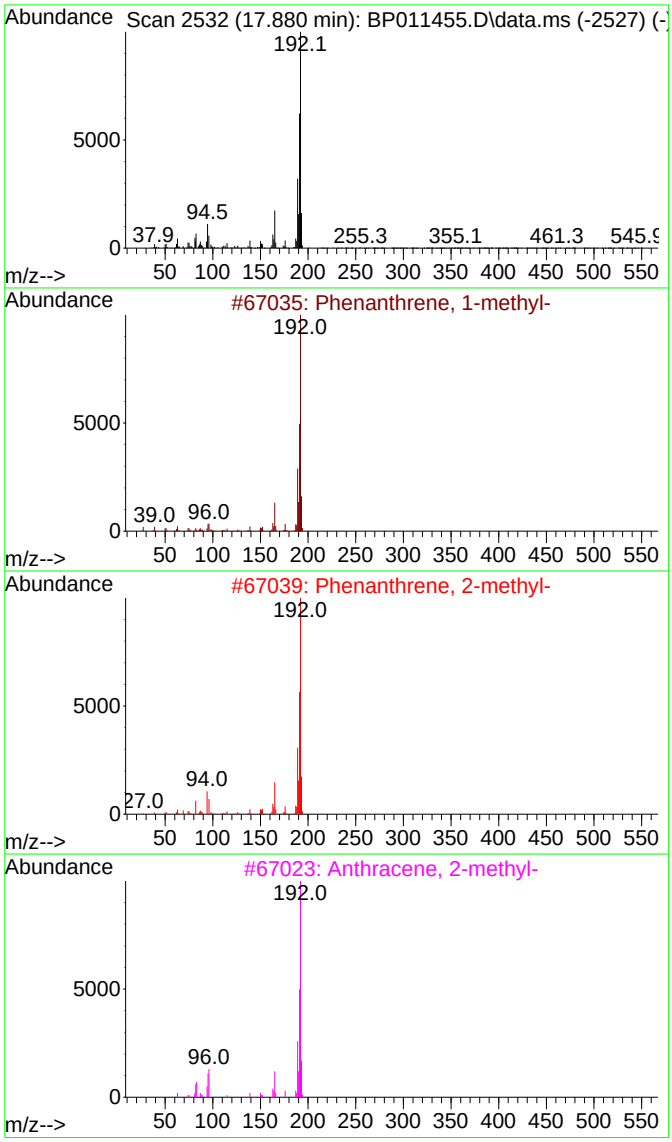
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

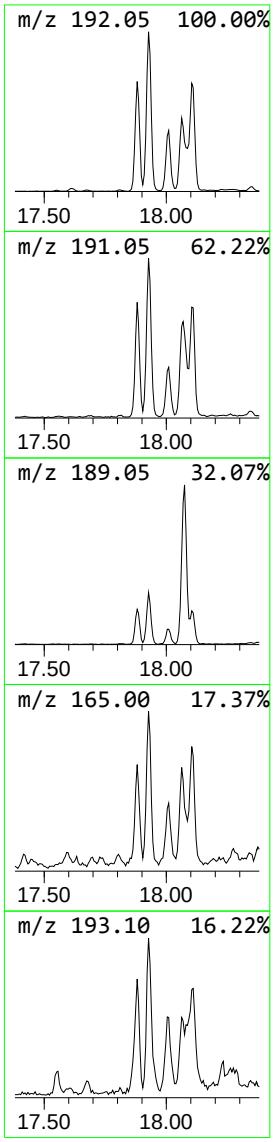
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.880	4.28 ng/ul	275177	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011455.D
Acq On : 17 Aug 2022 10:47
Operator : CG/JU
Sample : N4173-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7N7

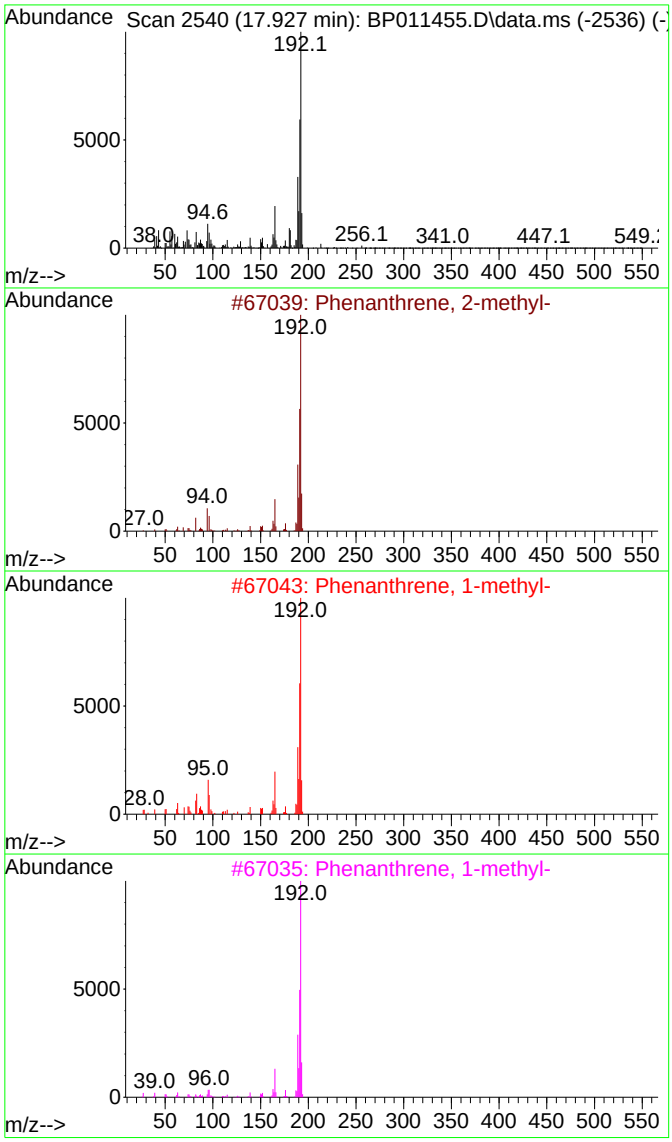
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

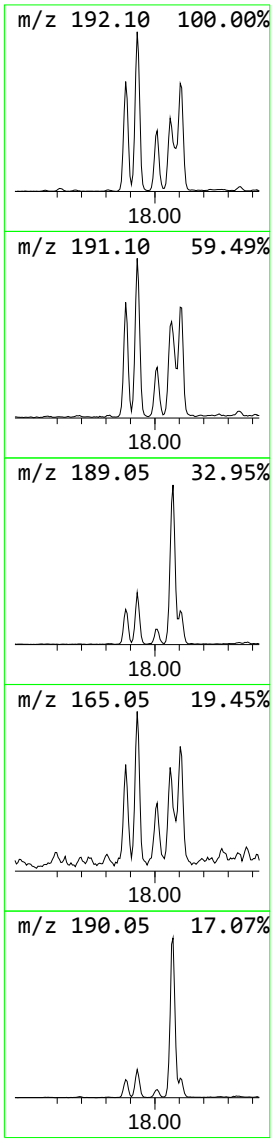
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.927	8.75 ng/ul	563046	Phenanthrene-d10	17.004

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	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011455.D
Acq On : 17 Aug 2022 10:47
Operator : CG/JU
Sample : N4173-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7N7

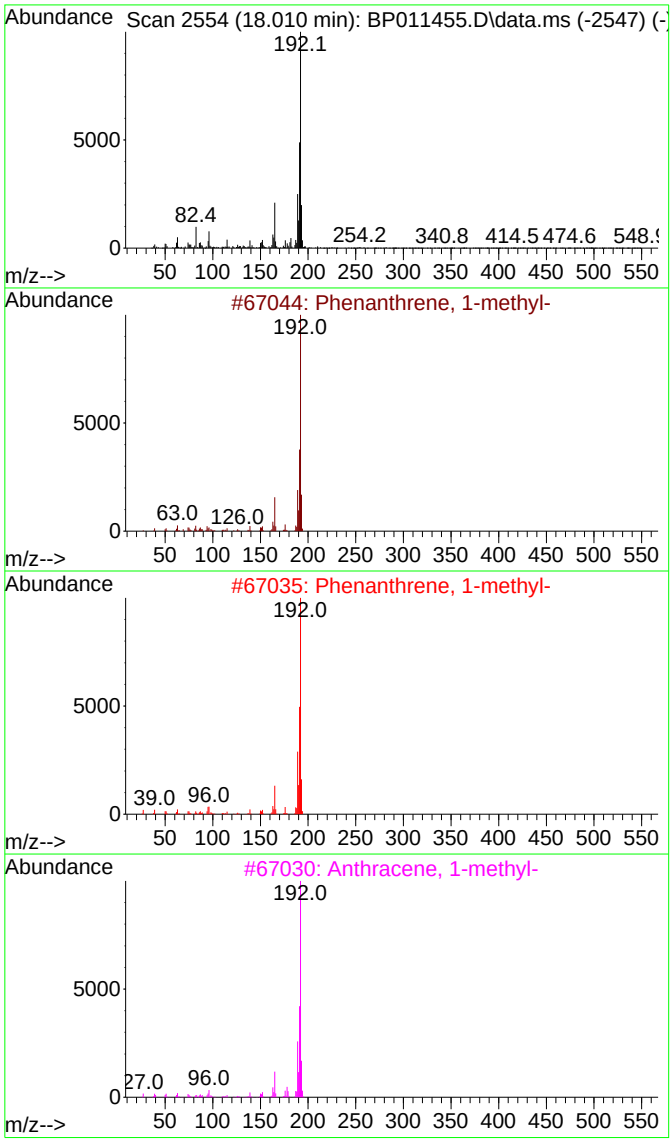
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

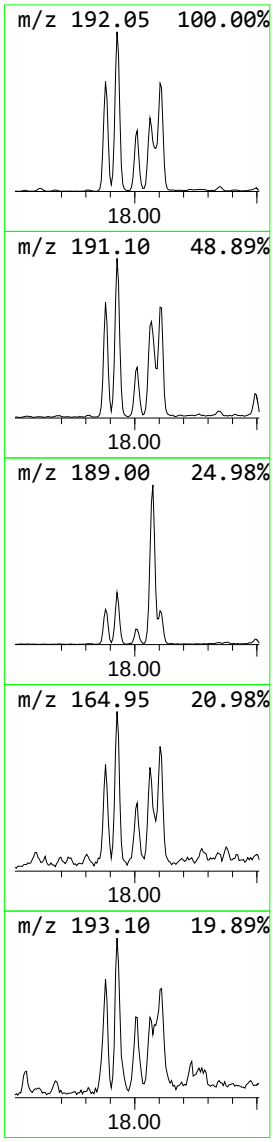
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.010	3.67 ng/ul	236024	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Data File : BP011455.D
Acq On : 17 Aug 2022 10:47
Operator : CG/JU
Sample : N4173-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7N7

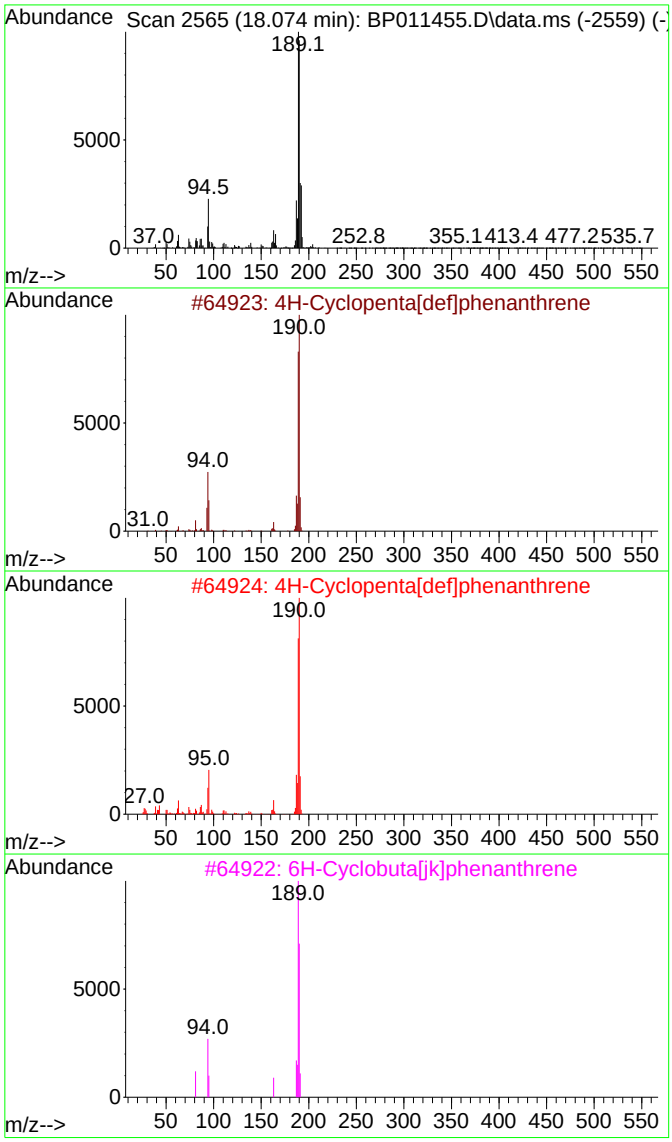
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

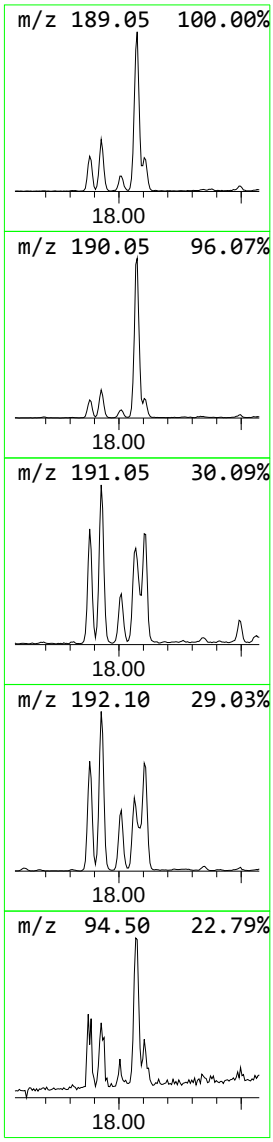
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.074	10.18 ng/ul	655461	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33





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Operator : CG/JU
Sample : N4173-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7N7

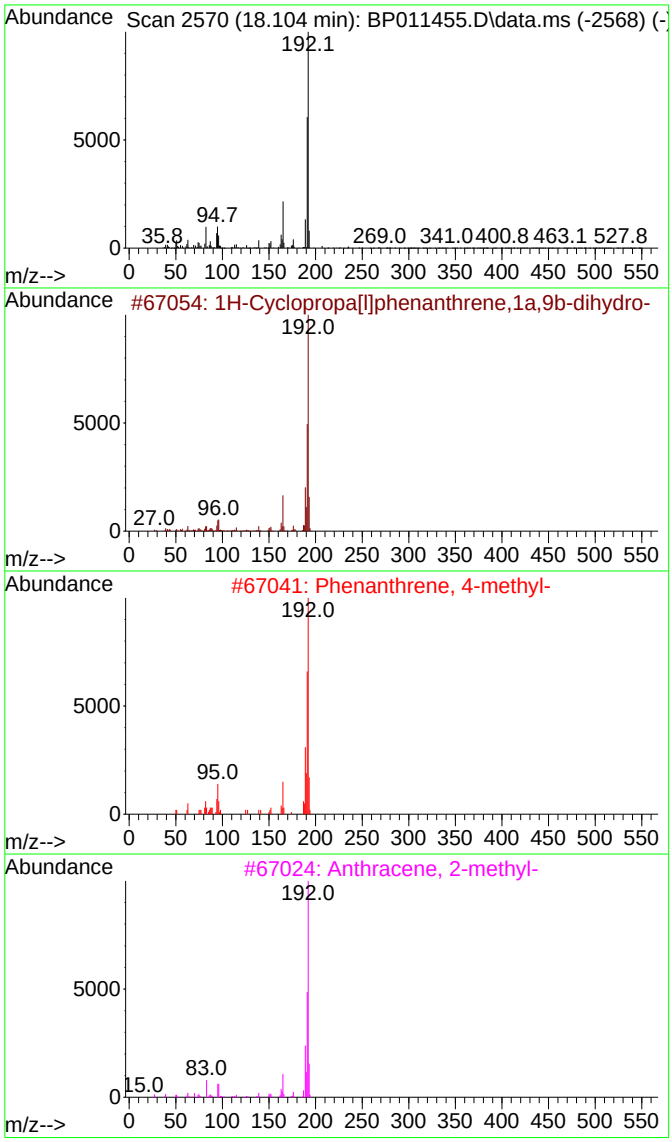
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

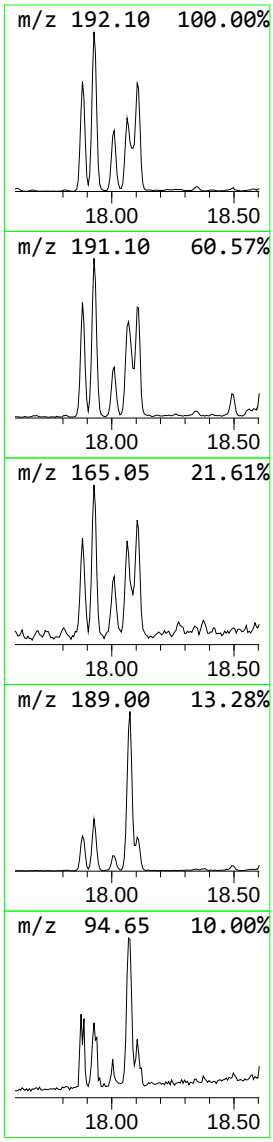
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.104	4.03 ng/ul	259269	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87





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Operator : CG/JU
Sample : N4173-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7N7

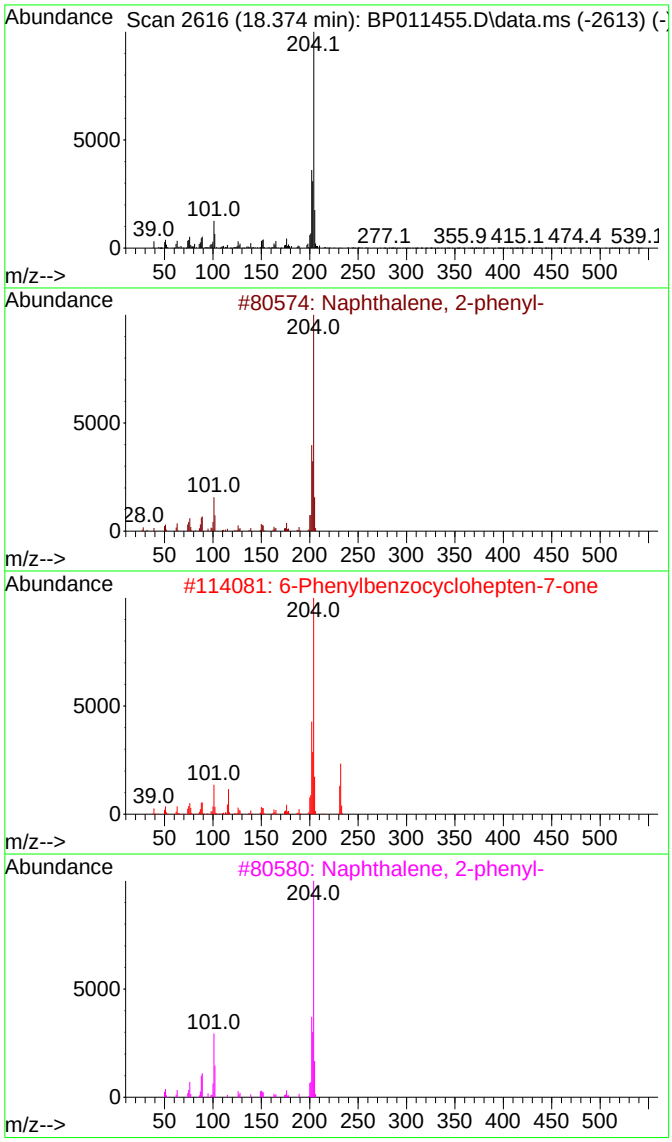
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

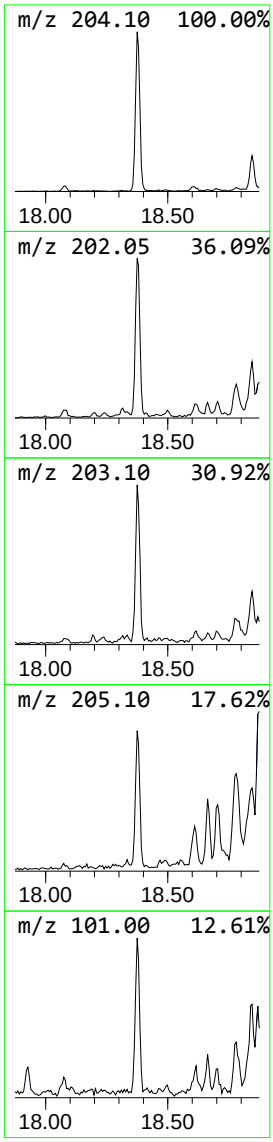
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.374	3.06 ng/ul	196872	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	91
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	87





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Acq On : 17 Aug 2022 10:47
Operator : CG/JU
Sample : N4173-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7N7

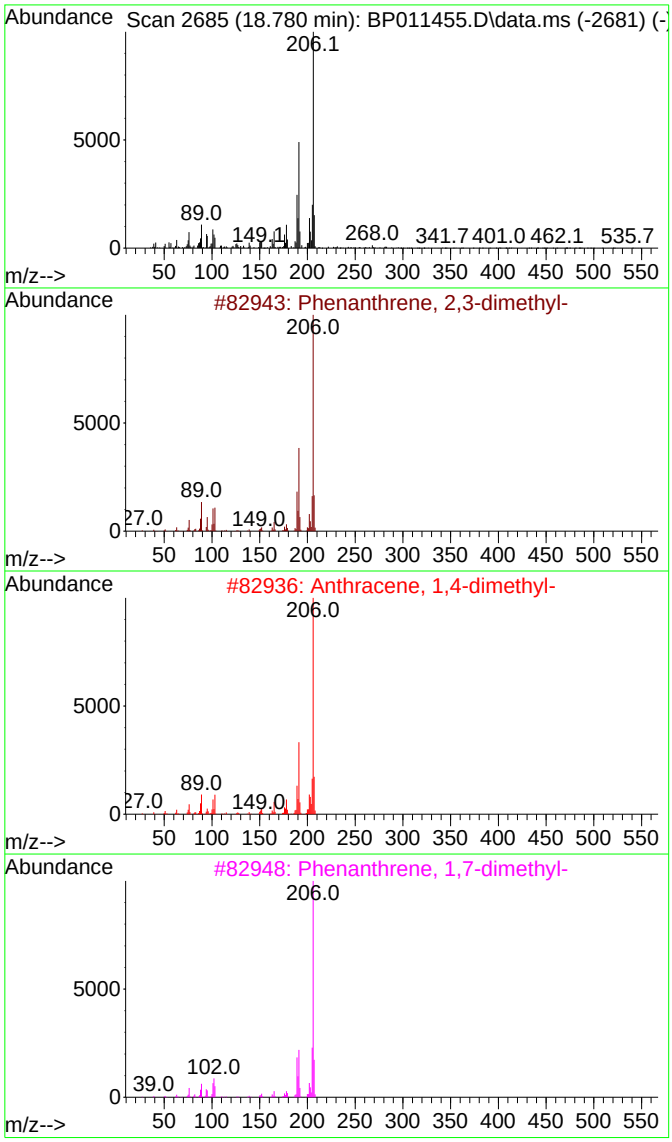
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

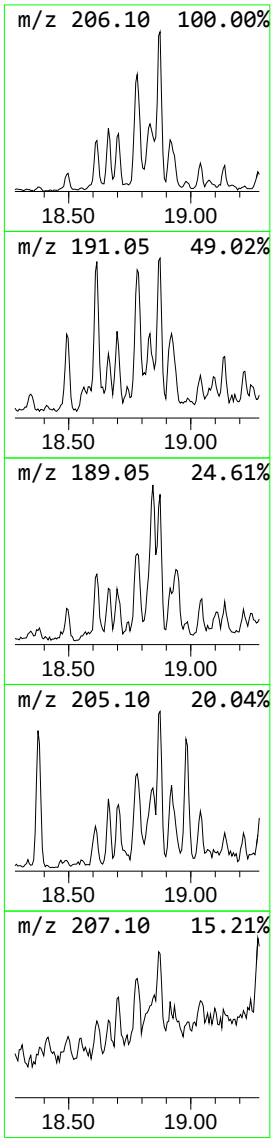
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenanthrene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.780	2.46 ng/ul	158142	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87





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Acq On : 17 Aug 2022 10:47
Operator : CG/JU
Sample : N4173-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7N7

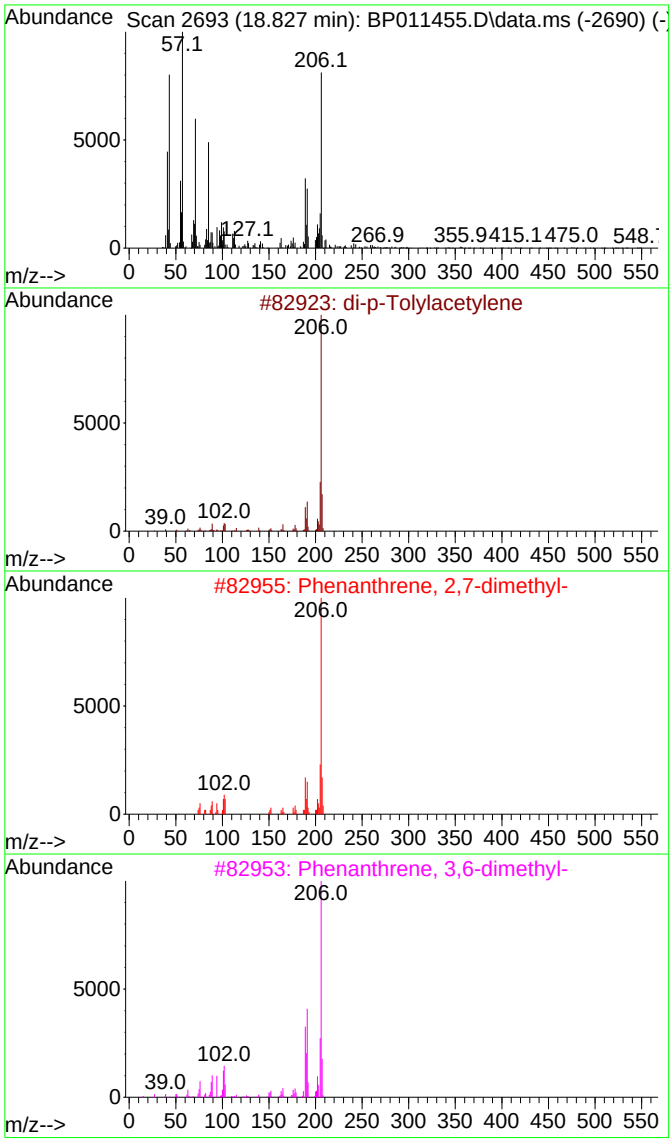
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

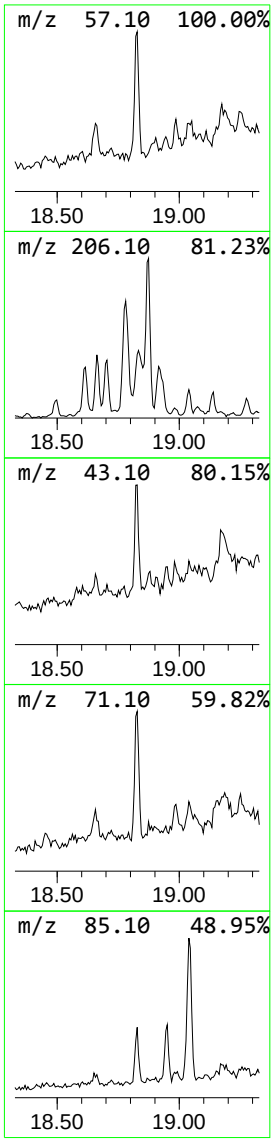
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 di-p-Tolylacetylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.827	2.73 ng/ul	175740	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	60
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	50
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	50
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	50
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	49





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Acq On : 17 Aug 2022 10:47
Operator : CG/JU
Sample : N4173-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7N7

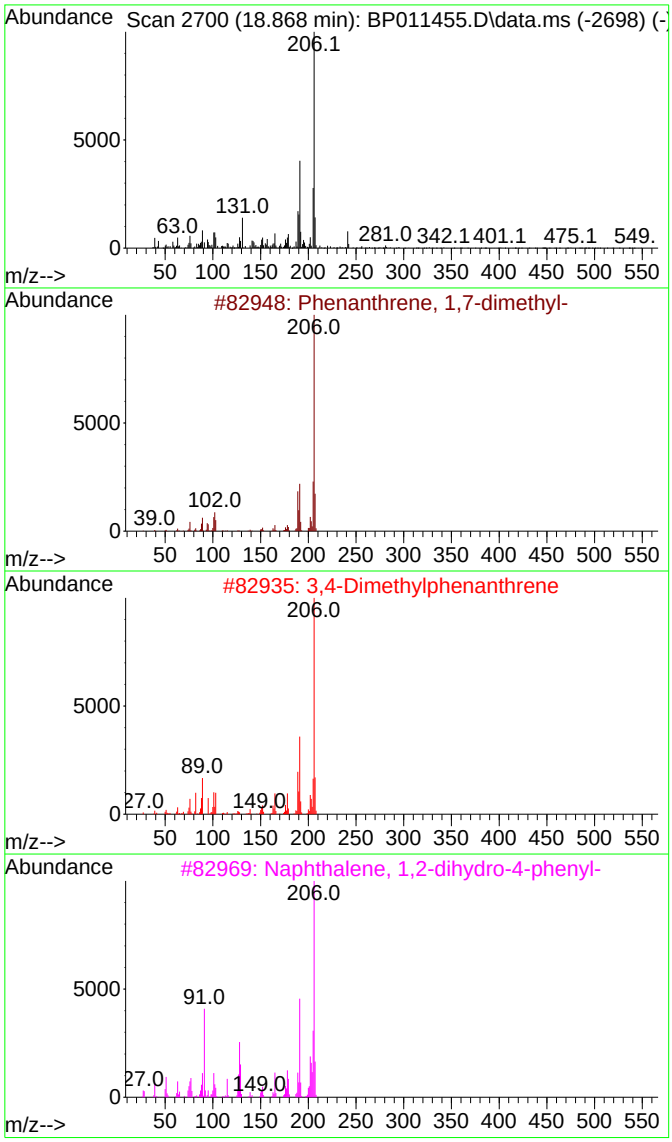
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

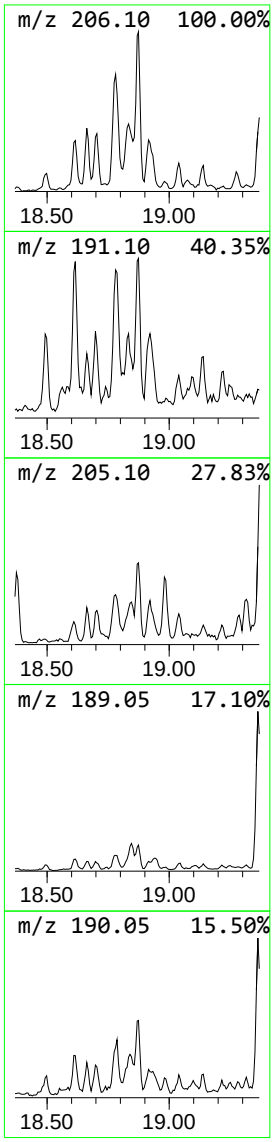
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 1,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.868	2.60 ng/ul	167010	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83





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Acq On : 17 Aug 2022 10:47
Operator : CG/JU
Sample : N4173-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7N7

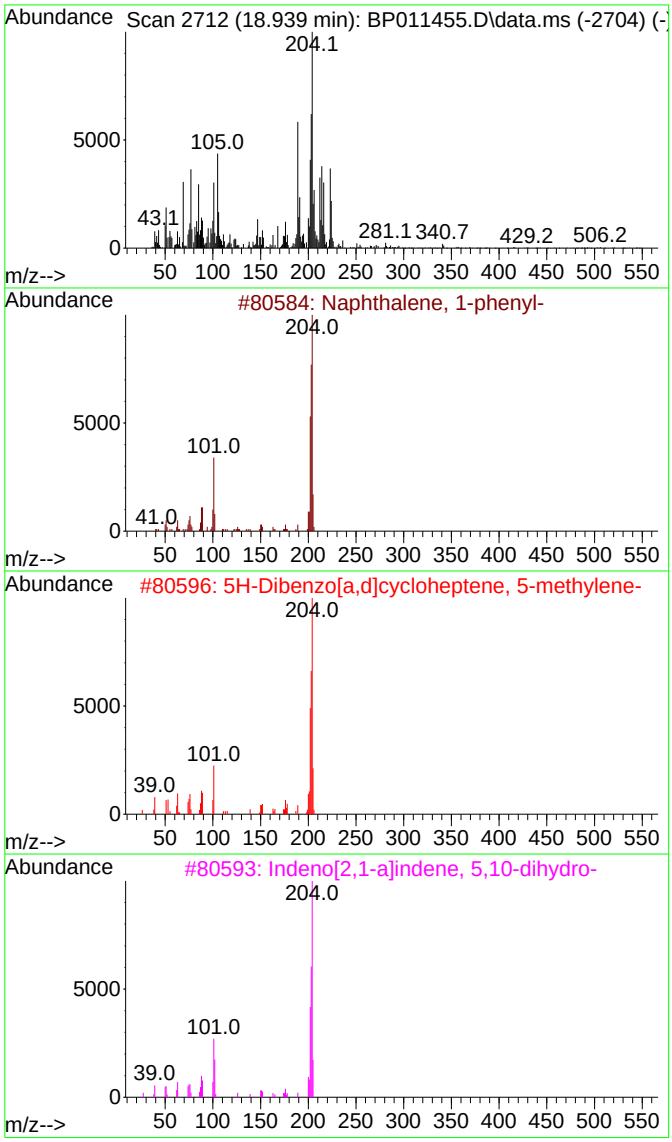
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

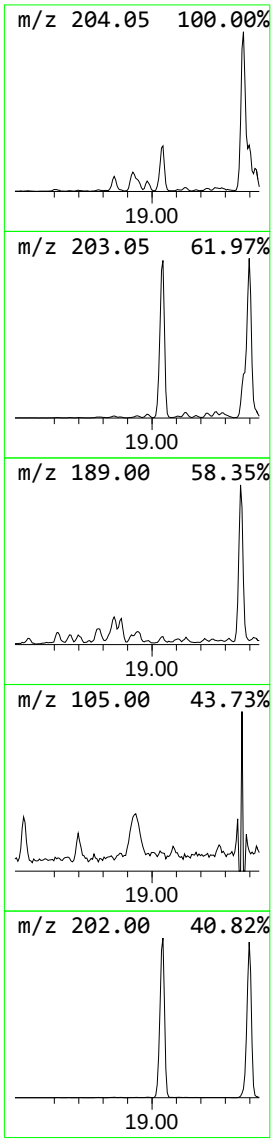
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 1-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.939	4.50 ng/ul	289558	Phenanthrene-d10	17.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	80
2	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	59
3	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	51
4	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	45
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	42





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Operator : CG/JU
Sample : N4173-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7N7

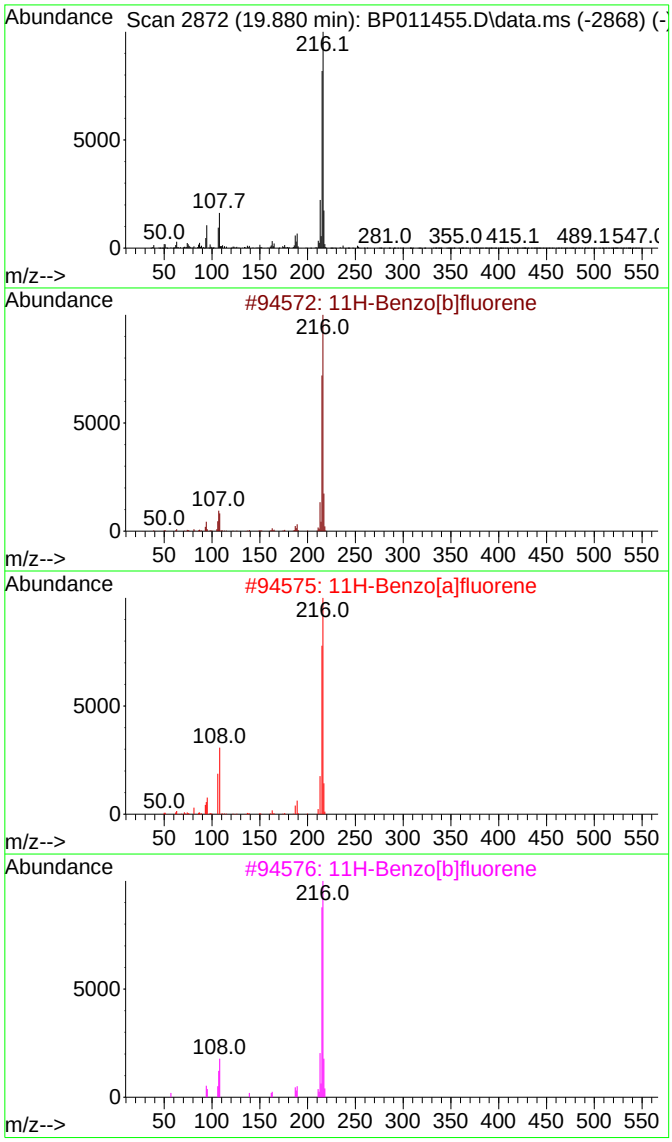
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

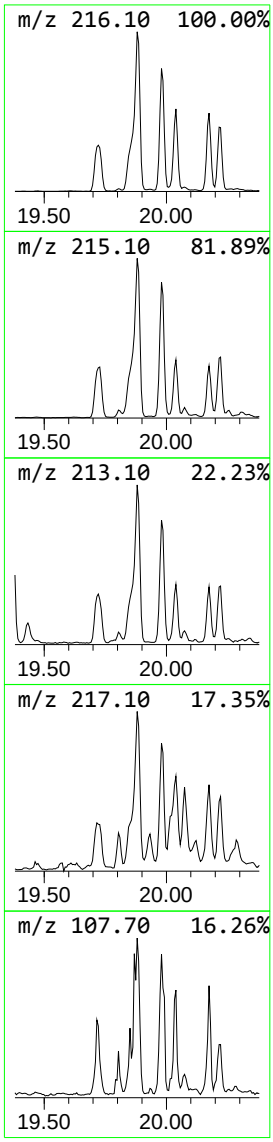
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.880	2.89 ng/ul	1389900	Chrysene-d12	21.139

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





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Acq On : 17 Aug 2022 10:47
Operator : CG/JU
Sample : N4173-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7N7

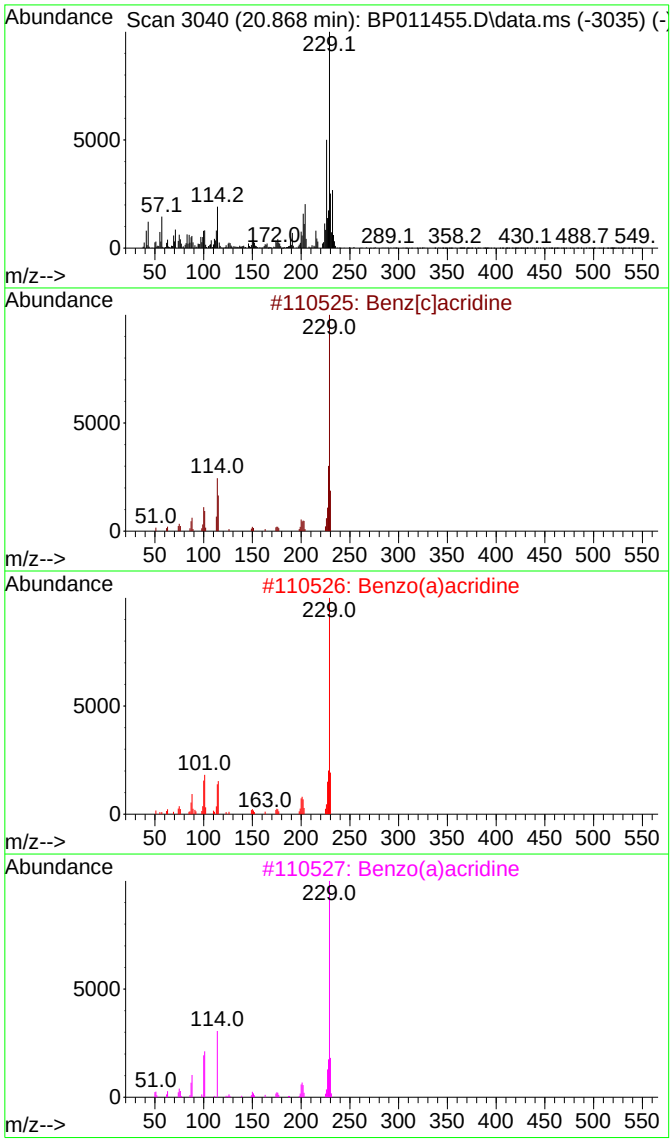
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

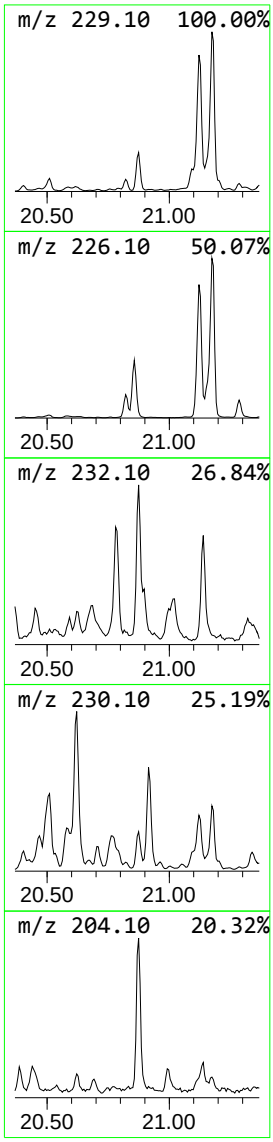
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benz[c]acridine Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.868	2.45 ng/ul	1176880	Chrysene-d12	21.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[c]acridine	229	C17H11N	000225-51-4	55
2	Benzo(a)acridine	229	C17H11N	000225-11-6	43
3	Benzo(a)acridine	229	C17H11N	000225-11-6	43
4	Ferrocene, [(hydroxyimino)methyl...	229	C11H11FeNO	032679-07-5	38
5	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	38





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Sample : N4173-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7N7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

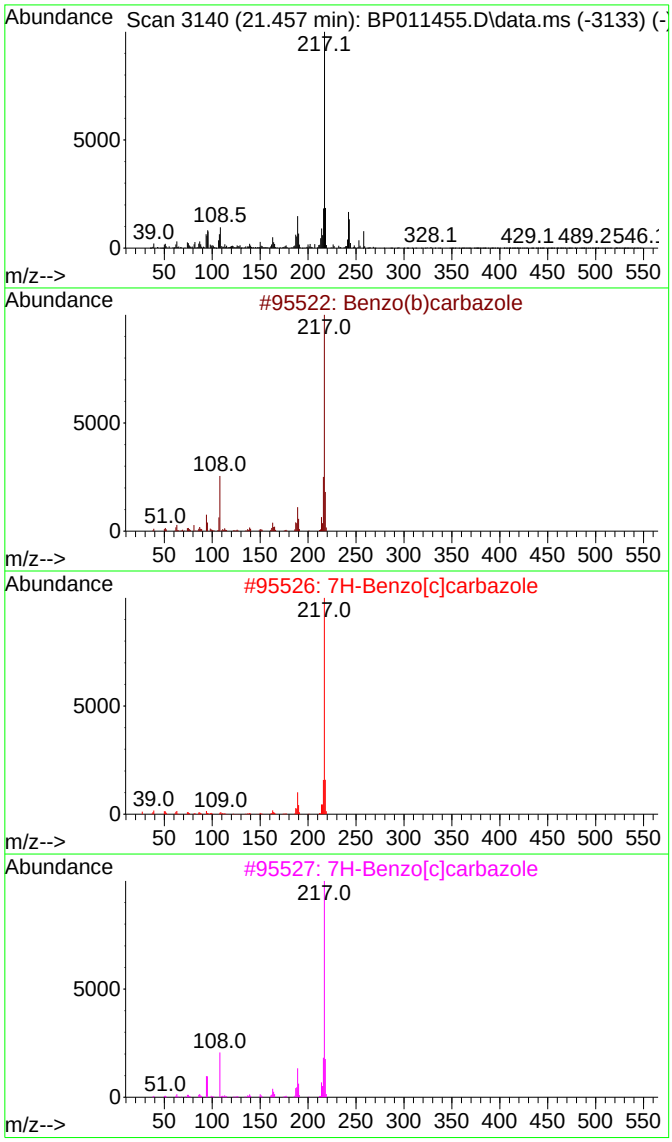
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

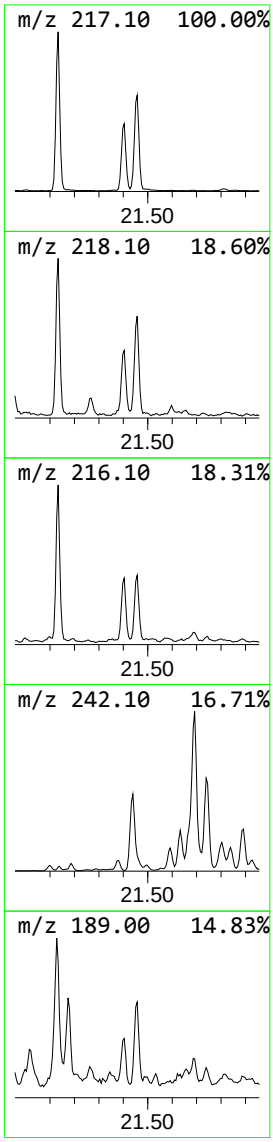
****

Peak Number 15 Benzo(b)carbazole Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.456	2.14 ng/ul	1027720	Chrysene-d12	21.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(b)carbazole	217	C16H11N	000243-28-7	93
2	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	93
3	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	89
4	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	89
5	Benzo(b)carbazole	217	C16H11N	000243-28-7	76





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7N7

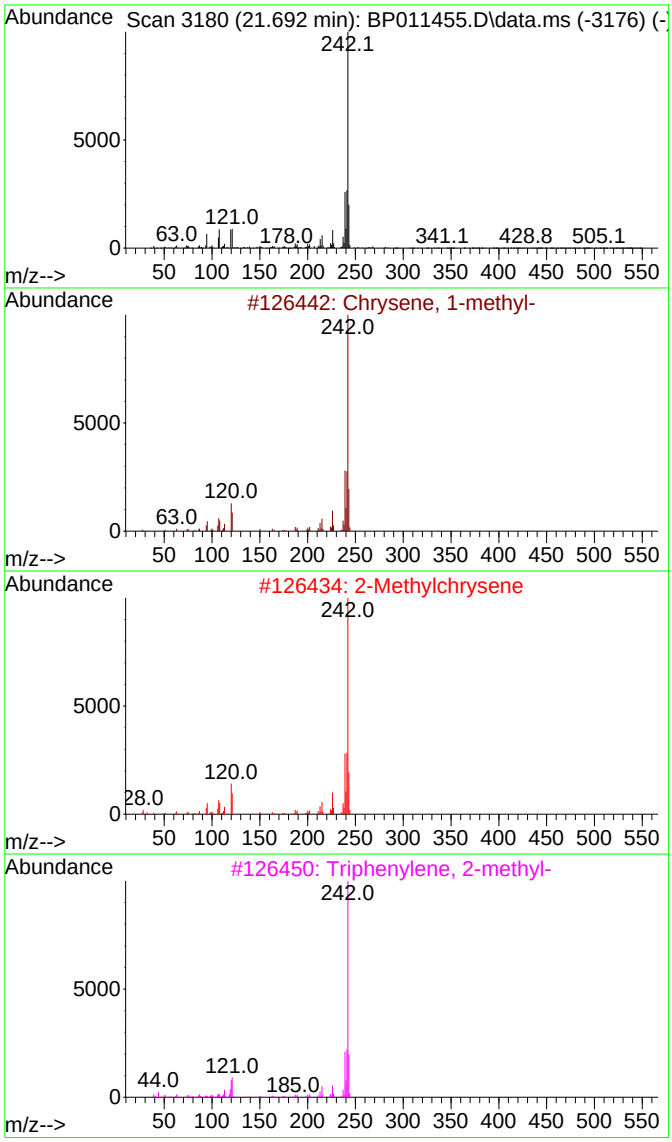
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

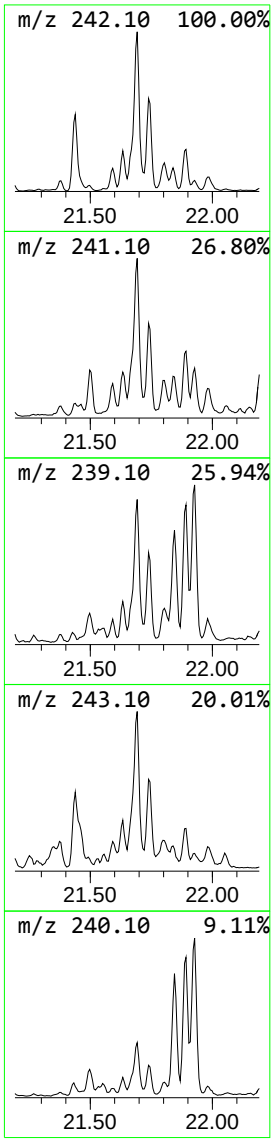
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Chrysene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.692	2.69 ng/ul	1293550	Chrysene-d12	21.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	98
2	2-Methylchrysene	242	C19H14	003351-32-4	98
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	97
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
5	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	95





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Data File : BP011455.D
Acq On : 17 Aug 2022 10:47
Operator : CG/JU
Sample : N4173-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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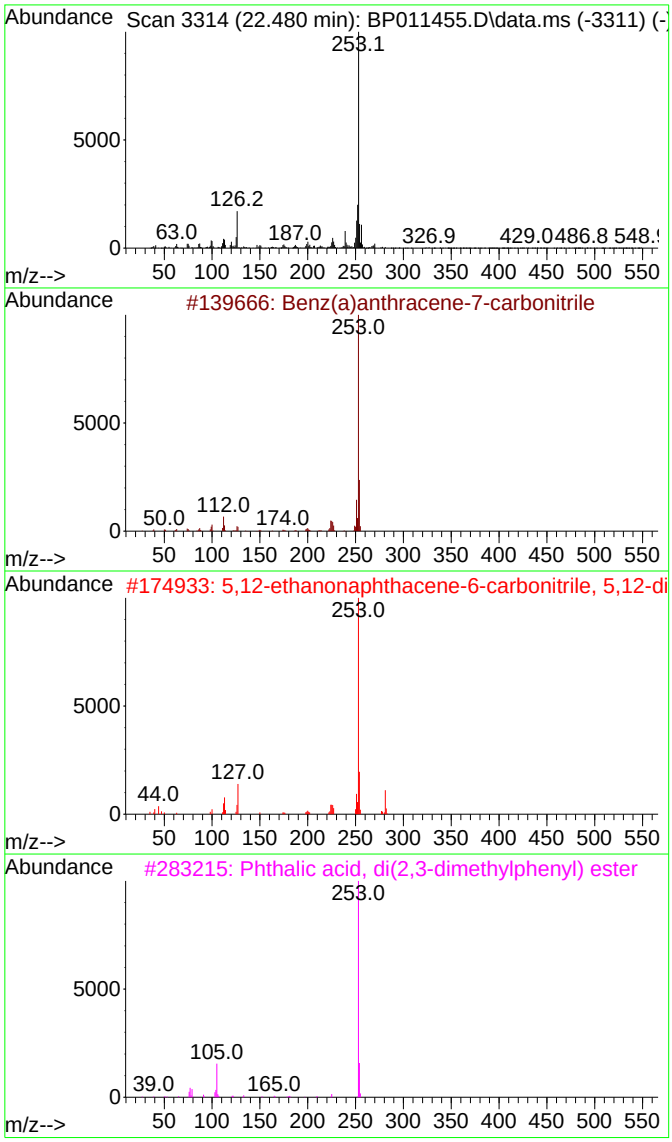
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

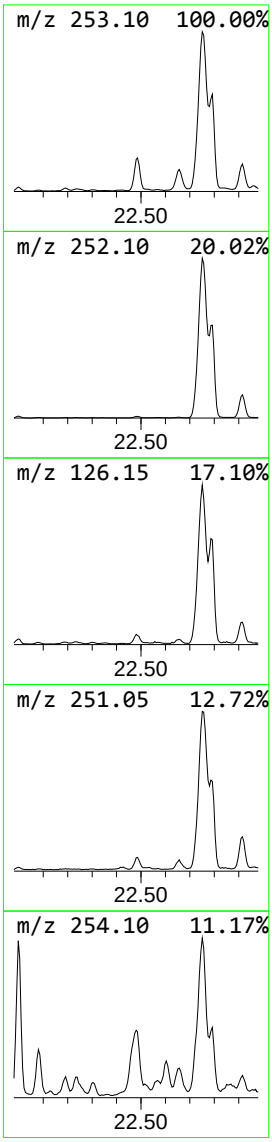
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benz(a)anthracene-7-carboni... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.480	5.49 ng/ul	380396	Perylene-d12	23.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	53
2	5,12-ethanonaphthacene-6-carboni...	281	C21H15N	1000397-19-0	40
3	Phthalic acid, di(2,3-dimethylph...	374	C24H22O4	1000357-09-2	38
4	9H-carbazole-3,6-diamine, N3,N3,...	253	C16H19N3	1010396-68-8	33
5	1,3-Isoindolinedione, 2-(4-metho...	253	C15H11NO3	002142-04-3	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011455.D
Acq On : 17 Aug 2022 10:47
Operator : CG/JU
Sample : N4173-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7N7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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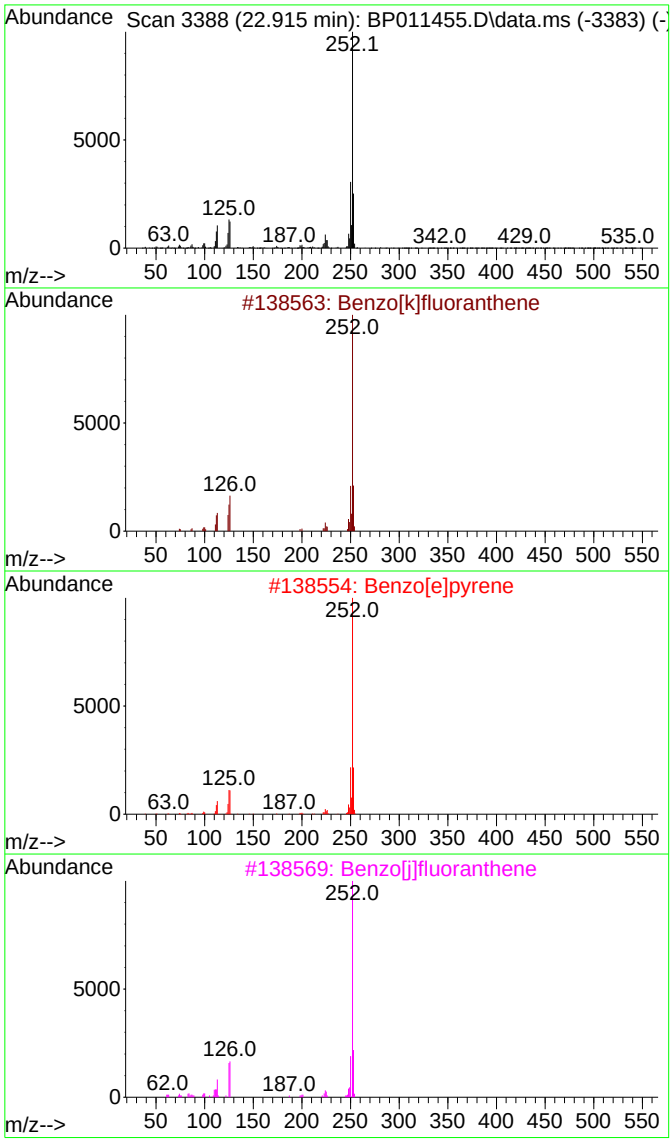
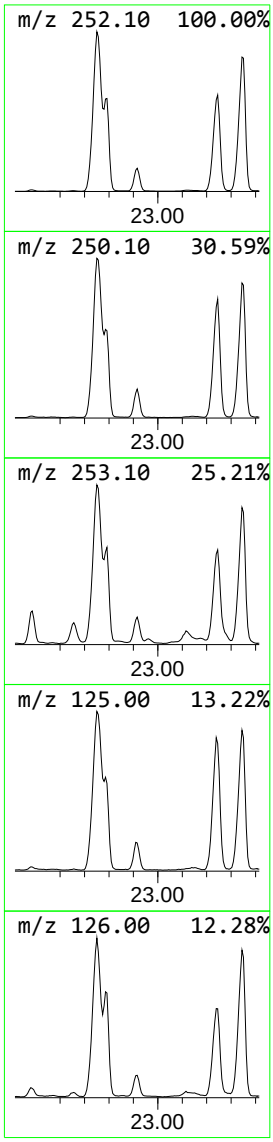
Peak Number 18 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.915	19.83 ng/ul	1374070	Perylene-d12	23.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Perylene	252	C20H12	000198-55-0	93





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Data File : BP011455.D
Acq On : 17 Aug 2022 10:47
Operator : CG/JU
Sample : N4173-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7N7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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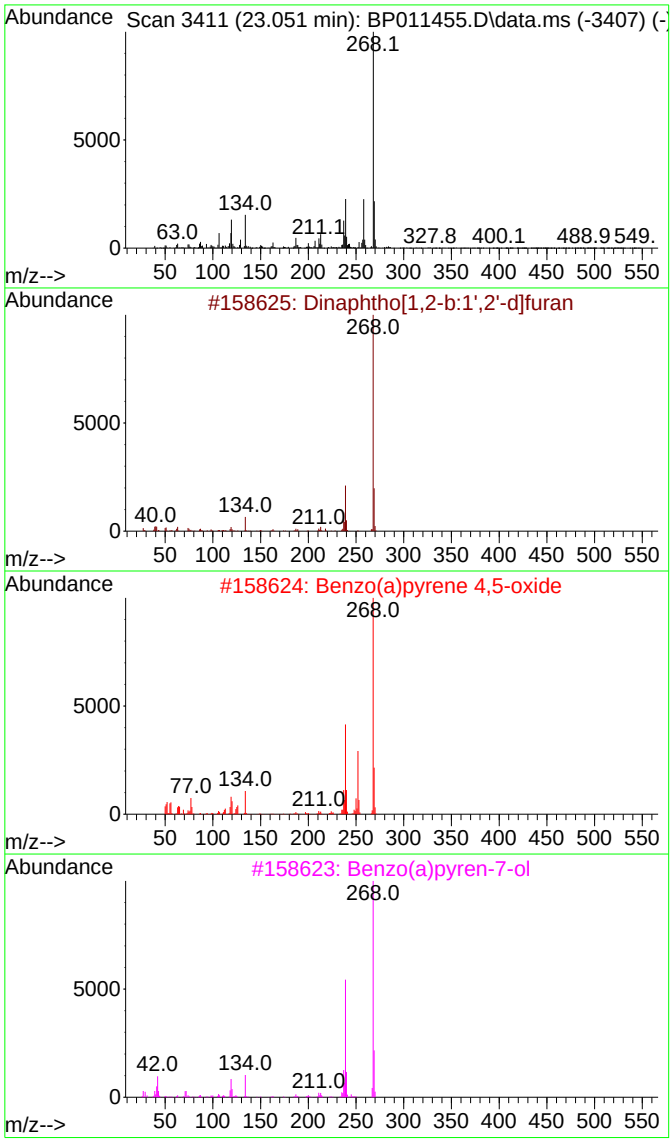
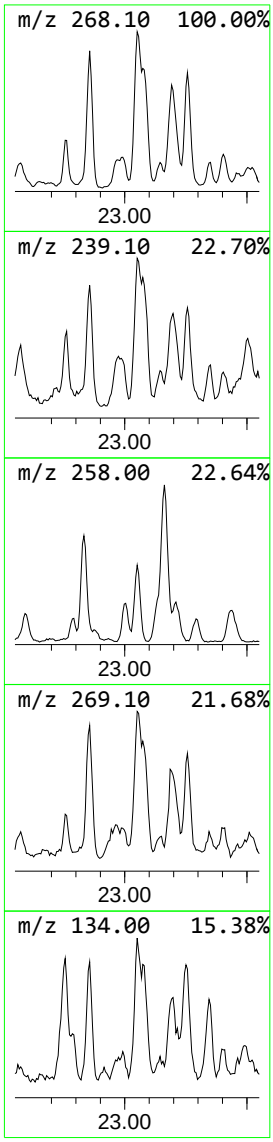
Peak Number 19 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.051	13.57 ng/ul	940354	Perylene-d12	23.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	76
2	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	72
3	Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	58
4	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	58
5	9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011455.D
Acq On : 17 Aug 2022 10:47
Operator : CG/JU
Sample : N4173-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7N7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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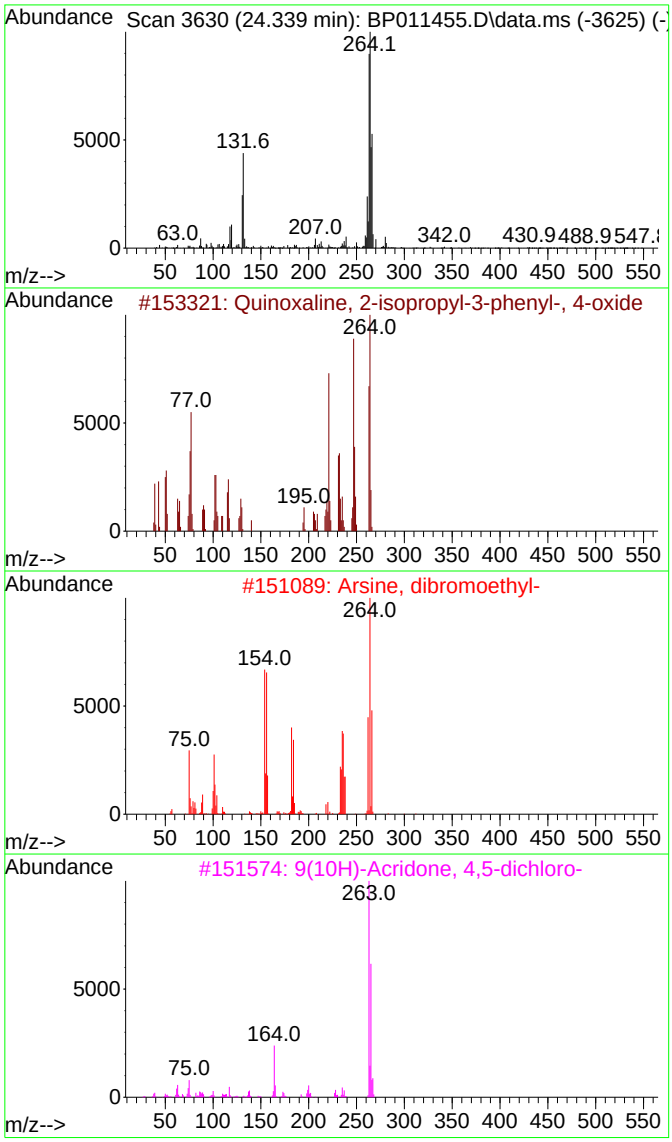
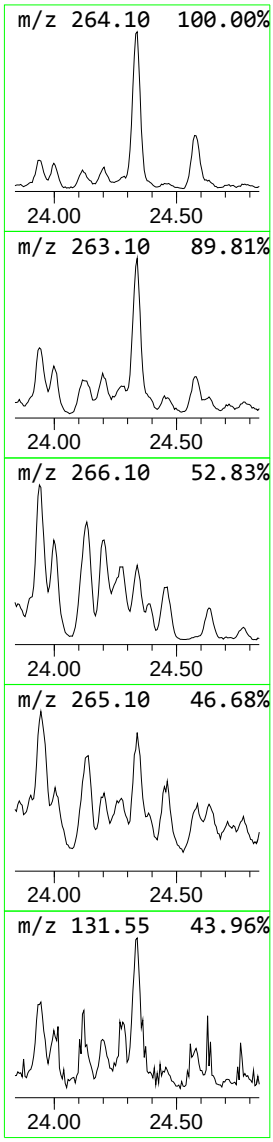
Peak Number 20 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.339	6.90 ng/ul	477938	Perylene-d12	23.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoxaline, 2-isopropyl-3-pheny...	264	C17H16N2O	016007-79-7	43
2	Arsine, dibromoethyl-	262	C2H5AsBr2	000683-43-2	27
3	9(10H)-Acridone, 4,5-dichloro-	263	C13H7Cl2NO	1000163-26-5	27
4	Bicyclo[2.2.1]hepta-2,5-diene, 1...	296	C7H2Cl6	003389-71-7	25
5	4-Bromo-6,8-diazatricyclo[7.5.0....	264	C12H13BrN2	1000436-85-3	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011455.D
Acq On : 17 Aug 2022 10:47
Operator : CG/JU
Sample : N4173-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7N7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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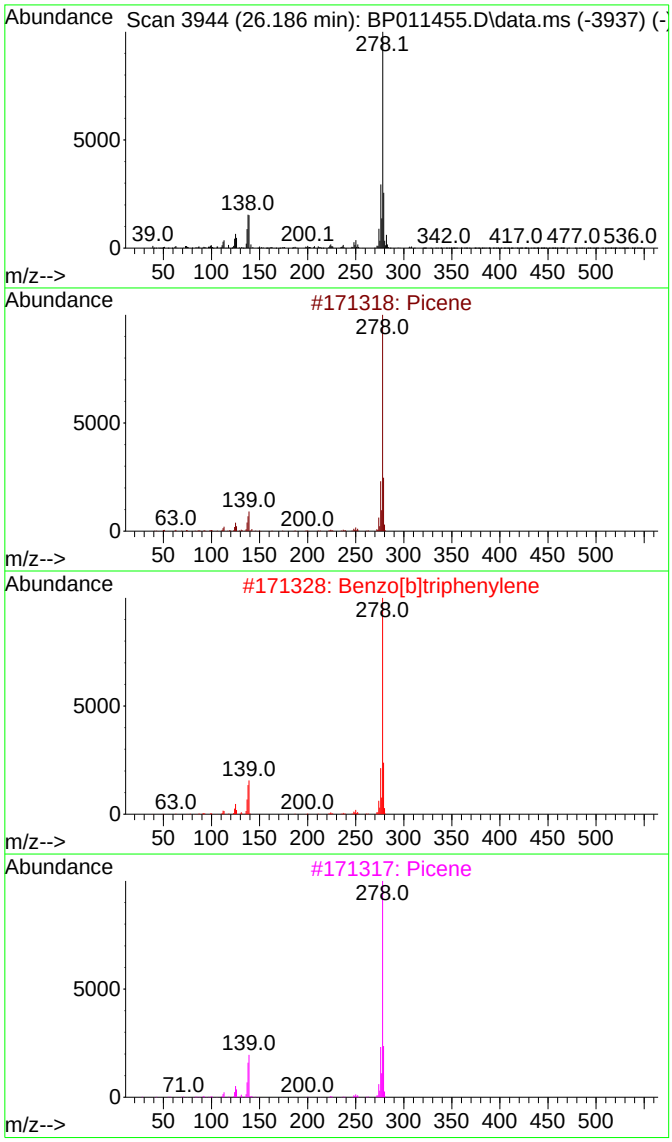
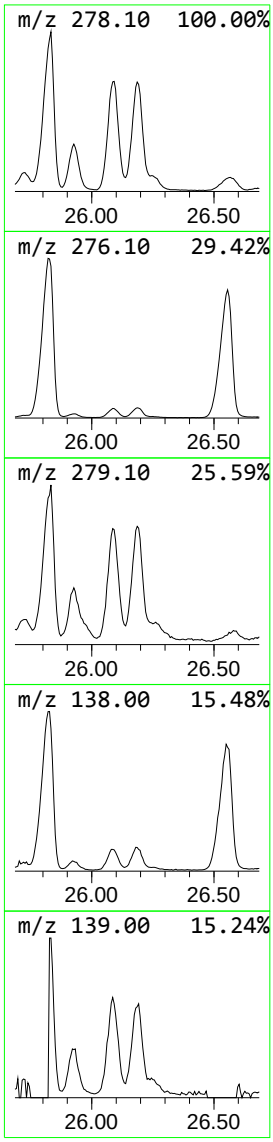
Peak Number 22 Picene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.186	19.79 ng/ul	1370740	Perylene-d12	23.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	98
2	Benzo[b]triphenylene	278	C22H14	000215-58-7	96
3	Picene	278	C22H14	000213-46-7	96
4	Benzo[a]naphthacene	278	C22H14	000226-88-0	96
5	Pentaphene	278	C22H14	000222-93-5	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081722\
Data File : BP011455.D
Acq On : 17 Aug 2022 10:47
Operator : CG/JU
Sample : N4173-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EX7N7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Anthracene, 1,2...	16.757	3.2	ng/ul	208589	4	17.004	1287150	20.0
Dibenzothiophene	16.822	2.3	ng/ul	146676	4	17.004	1287150	20.0
Phenanthrene, 1...	17.880	4.3	ng/ul	275177	4	17.004	1287150	20.0
Phenanthrene, 2...	17.927	8.8	ng/ul	563046	4	17.004	1287150	20.0
Anthracene, 1-m...	18.010	3.7	ng/ul	236024	4	17.004	1287150	20.0
4H-Cyclopenta[d...	18.074	10.2	ng/ul	655461	4	17.004	1287150	20.0
1H-Cyclopropa[l...	18.104	4.0	ng/ul	259269	4	17.004	1287150	20.0
Naphthalene, 2-...	18.374	3.1	ng/ul	196872	4	17.004	1287150	20.0
Phenanthrene, 2...	18.780	2.5	ng/ul	158142	4	17.004	1287150	20.0
di-p-Tolylacety...	18.827	2.7	ng/ul	175740	4	17.004	1287150	20.0
Phenanthrene, 1...	18.868	2.6	ng/ul	167010	4	17.004	1287150	20.0
Naphthalene, 1-...	18.939	4.5	ng/ul	289558	4	17.004	1287150	20.0
11H-Benzo[b]flu...	19.880	2.9	ng/ul	1389900	5	21.139	9610860	20.0
Benz[c]acridine	20.868	2.5	ng/ul	1176880	5	21.139	9610860	20.0
Benzo(b)carbazole	21.456	2.1	ng/ul	1027720	5	21.139	9610860	20.0
Chrysene, 1-met...	21.692	2.7	ng/ul	1293550	5	21.139	9610860	20.0
Benz(a)anthrace...	22.480	5.5	ng/ul	380396	6	23.439	1385550	20.0
Benzo[e]pyrene	22.915	19.8	ng/ul	1374070	6	23.439	1385550	20.0
Dinaphtho[1,2-b...	23.051	13.6	ng/ul	940354	6	23.439	1385550	20.0
unknown-01	24.339	6.9	ng/ul	477938	6	23.439	1385550	20.0
Picene	26.186	19.8	ng/ul	1370740	6	23.439	1385550	20.0