LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102622\
Data File : BP012329.D
Acq On : 26 Oct 2022 15:13
Operator : CG/JU
Sample : N5064-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BP5DL

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-BP102522.M
Title : SVOA CALIBRATION

Signal : TIC: BP012329.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.775	130	134	142	rVB	50391	75125	0.69%	0.072%
2	4.934	324	331	338	rVB5	13650	32544	0.30%	0.031%
3	6.987	674	680	692	rBV	134160	264594	2.43%	0.254%
4	7.152	702	708	721	rBV	133471	245608	2.26%	0.236%
5	7.346	735	741	750	rBV	145975	257917	2.37%	0.248%
6	7.810	810	820	832	rBV	816410	1366682	12.56%	1.313%
7	8.534	937	943	955	rBV	143136	285710	2.62%	0.275%
8	8.981	1012	1019	1032	rBV	134680	262540	2.41%	0.252%
9	9.704	1134	1142	1152	rBV	96944	194197	1.78%	0.187%
10	10.246	1227	1234	1254	rBV	161184	354165	3.25%	0.340%
11	10.616	1287	1297	1303	rBV	1308785	2251223	20.68%	2.163%
12	10.769	1317	1323	1339	rBV	109218	257265	2.36%	0.247%
13	12.281	1574	1580	1587	rBV	27737	48172	0.44%	0.046%
14	12.498	1613	1617	1627	rVB	26938	44170	0.41%	0.042%
15	13.351	1758	1762	1769	rVV	23895	41643	0.38%	0.040%
16	13.781	1827	1835	1840	rBV2	36278	69569	0.64%	0.067%
17	13.875	1846	1851	1858	rVB	435576	612730	5.63%	0.589%
18	14.151	1892	1898	1902	rBV	469274	803015	7.38%	0.772%
19	14.463	1940	1951	1958	rBV	2228754	3345168	30.73%	3.214%
20	14.522	1958	1961	1970	rVB	40167	69876	0.64%	0.067%
21	14.692	1982	1990	1997	rBV3	49876	130414	1.20%	0.125%
22	14.863	2014	2019	2024	rBV2	56948	89463	0.82%	0.086%
23	14.934	2028	2031	2036	rVB2	26361	37067	0.34%	0.036%
24	15.081	2047	2056	2061	rBV3	25156	50273	0.46%	0.048%
25	15.251	2078	2085	2088	rBV3	24798	48685	0.45%	0.047%
26	15.457	2114	2120	2125	rBV	763249	1094939	10.06%	1.052%
27	15.510	2125	2129	2138	rVB3	84248	152689	1.40%	0.147%
28	15.592	2138	2143	2148	rBV	105904	168578	1.55%	0.162%
29	15.810	2175	2180	2186	rVB	60985	98436	0.90%	0.095%
30	15.957	2201	2205	2213	rVV	59099	129043	1.19%	0.124%
31	16.045	2214	2220	2228	rVB3	20468	42024	0.39%	0.040%
32	16.192	2238	2245	2251	rBV3	50021	97854	0.90%	0.094%
33	16.522	2292	2301	2306	rBV4	56955	123200	1.13%	0.118%
34	16.569	2306	2309	2315	rVB3	23519	35693	0.33%	0.034%
35	16.751	2333	2340	2343	rBV2	63500	102520	0.94%	0.099%
36	16.792	2343	2347	2350	rVV	46025	50123	0.46%	0.048%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102622\
Data File : BP012329.D
Acq On : 26 Oct 2022 15:13
Operator : CG/JU
Sample : N5064-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BP5DL

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-BP102522.M
Title : SVOA CALIBRATION

37	16.881	2357	2362	2367	rBV2	57354	91717	0.84%	0.088%
38	16.951	2369	2374	2380	rBV3	57228	132247	1.21%	0.127%
39	17.039	2385	2389	2397	rVB	100905	168336	1.55%	0.162%
40	17.222	2413	2420	2424	rBV	3103747	4445175	40.84%	4.271%
41	17.263	2424	2427	2432	rVV	2392417	3230433	29.68%	3.104%
42	17.322	2432	2437	2440	rVV	853358	1229903	11.30%	1.182%
43	17.357	2440	2443	2448	rVV	388463	556399	5.11%	0.535%
44	17.422	2448	2454	2459	rVV2	42896	107623	0.99%	0.103%
45	17.504	2463	2468	2471	rBV4	17397	34546	0.32%	0.033%
46	17.633	2483	2490	2500	rBV3	125415	321236	2.95%	0.309%
47	17.710	2501	2503	2505	rVV2	38011	42548	0.39%	0.041%
48	17.745	2505	2509	2515	rVV2	87272	150708	1.38%	0.145%
49	17.804	2516	2519	2527	rVB4	45172	101474	0.93%	0.098%
50	17.939	2539	2542	2546	rVB2	23598	34483	0.32%	0.033%
51	18.092	2563	2568	2572	rBV	366713	590197	5.42%	0.567%
52	18.139	2572	2576	2582	rVB	562232	772880	7.10%	0.743%
53	18.216	2585	2589	2594	rVB	110385	150751	1.38%	0.145%
54	18.281	2594	2600	2603	rBV3	489687	852776	7.83%	0.819%
55	18.316	2603	2606	2613	rVB	282883	384288	3.53%	0.369%
56	18.386	2615	2618	2622	rBV3	59799	84038	0.77%	0.081%
57	18.433	2622	2626	2629	rBV2	34509	47405	0.44%	0.046%
58	18.575	2646	2650	2654	rBV	338799	432538	3.97%	0.416%
59	18.622	2654	2658	2664	rVB	246150	328639	3.02%	0.316%
60	18.810	2687	2690	2695	rBV2	98994	135225	1.24%	0.130%
61	18.863	2695	2699	2702	rVV	115761	150119	1.38%	0.144%
62	18.898	2702	2705	2709	rVB	99730	125383	1.15%	0.120%
63	18.975	2714	2718	2724	rBV	232499	432294	3.97%	0.415%
64	19.039	2724	2729	2731	rBV3	90019	145036	1.33%	0.139%
65	19.116	2737	2742	2751	rVB2	215886	407238	3.74%	0.391%
66	19.233	2757	2762	2768	rVB	6683280	9112772	83.72%	8.756%
67	19.292	2769	2772	2775	rBV	79411	94122	0.86%	0.090%
68	19.333	2775	2779	2784	rVV2	135910	197245	1.81%	0.190%
69	19.380	2784	2787	2791	rVV	152147	179305	1.65%	0.172%
70	19.433	2791	2796	2798	rVV4	77759	141403	1.30%	0.136%
71	19.475	2799	2803	2812	rVV	232693	417970	3.84%	0.402%
72	19.557	2812	2817	2819	rVV3	2212424	3006168	27.62%	2.889%
73	19.586	2819	2822	2830	rVV	5633039	7848692	72.10%	7.541%
74	19.657	2830	2834	2840	rVB2	331915	467609	4.30%	0.449%
75	19.763	2848	2852	2857	rVB	408774	513353	4.72%	0.493%
76	19.827	2859	2863	2870	rVB	166180	274787	2.52%	0.264%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102622\
Data File : BP012329.D
Acq On : 26 Oct 2022 15:13
Operator : CG/JU
Sample : N5064-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0BP5DL

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-BP102522.M
Title : SVOA CALIBRATION

77	19.904	2870	2876	2883	rBV3	395323	1019366	9.36%	0.979%
78	20.039	2893	2899	2901	rBV3	289278	580829	5.34%	0.558%
79	20.069	2901	2904	2910	rVB	687560	907887	8.34%	0.872%
80	20.169	2917	2921	2924	rBV	324374	413733	3.80%	0.398%
81	20.222	2924	2930	2935	rVV2	503961	934464	8.58%	0.898%
82	20.304	2941	2944	2948	rVB2	100550	122874	1.13%	0.118%
83	20.363	2950	2954	2957	rBV	248396	319044	2.93%	0.307%
84	20.410	2958	2962	2965	rVB3	221672	297652	2.73%	0.286%
85	20.804	3025	3029	3035	rBV	609425	833230	7.65%	0.801%
86	20.963	3052	3056	3059	rBV3	555551	771771	7.09%	0.742%
87	21.004	3059	3063	3066	rVV	647798	925496	8.50%	0.889%
88	21.045	3066	3070	3074	rVV2	606096	1131662	10.40%	1.087%
89	21.098	3075	3079	3083	rVB2	599531	812906	7.47%	0.781%
90	21.310	3109	3115	3119	rBV2	5537362	10885422	100.00%	10.459%
91	21.351	3119	3122	3132	rVB	3685633	4691836	43.10%	4.508%
92	21.639	3167	3171	3176	rVB3	399213	641080	5.89%	0.616%
93	21.886	3211	3213	3219	rVB2	442945	551723	5.07%	0.530%
94	22.980	3392	3399	3404	rBV	2812929	6876852	63.17%	6.608%
95	23.163	3427	3430	3438	rVB	472675	753250	6.92%	0.724%
96	23.504	3482	3488	3492	rBV	1496364	2949716	27.10%	2.834%
97	23.557	3493	3497	3500	rVV2	787075	1463266	13.44%	1.406%
98	23.604	3500	3505	3513	rVB	2562499	5214033	47.90%	5.010%
99	23.710	3517	3523	3529	rBV2	2889127	5906335	54.26%	5.675%
100	26.192	3940	3945	3957	rVB2	1295706	3797141	34.88%	3.649%

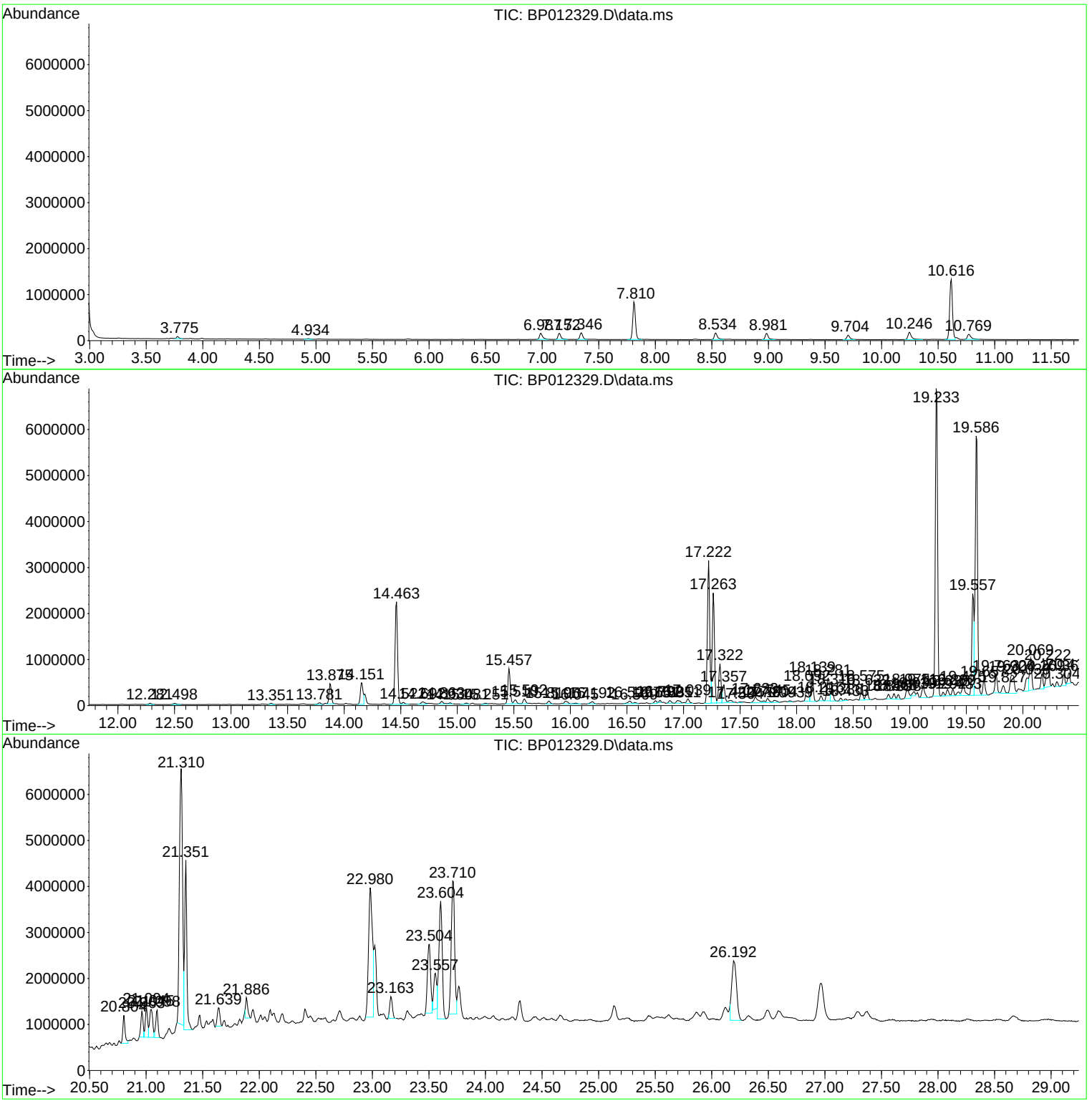
Sum of corrected areas: 104073543

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102622\
Data File : BP012329.D
Acq On : 26 Oct 2022 15:13
Operator : CG/JU
Sample : N5064-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BP5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102622\
Data File : BP012329.D
Acq On : 26 Oct 2022 15:13
Operator : CG/JU
Sample : N5064-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BP5DL

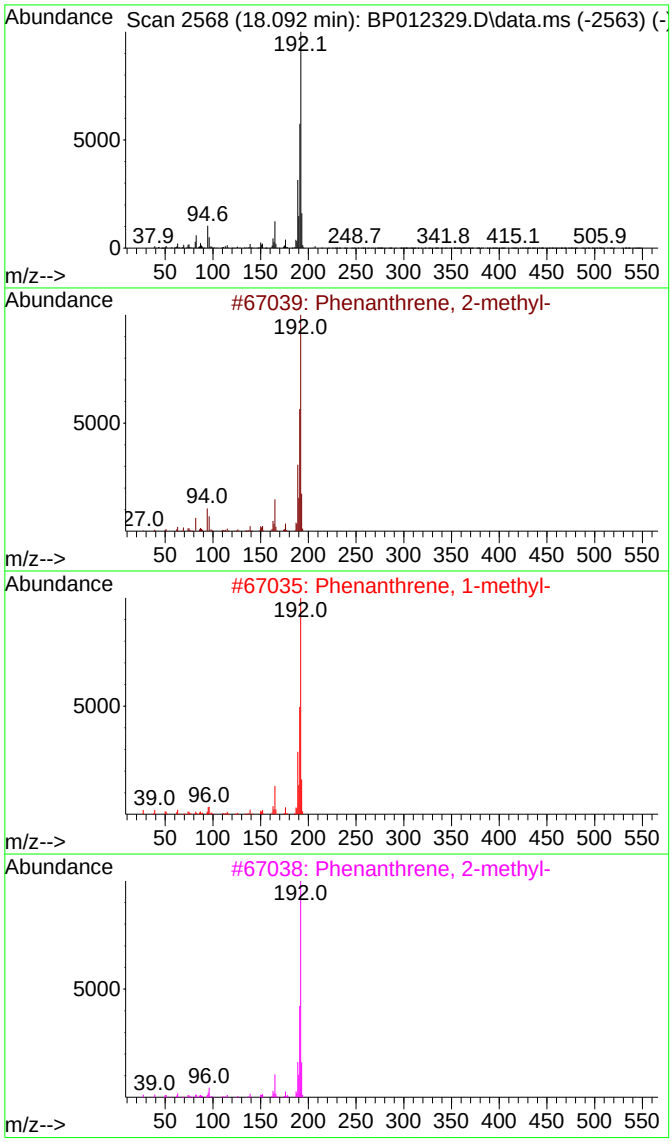
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

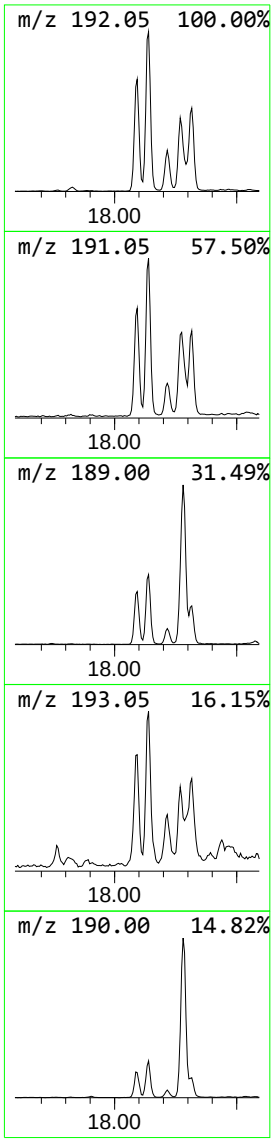
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	2.66 ng/ul	590197	Phenanthrene-d10	17.222

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	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102622\
Data File : BP012329.D
Acq On : 26 Oct 2022 15:13
Operator : CG/JU
Sample : N5064-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BP5DL

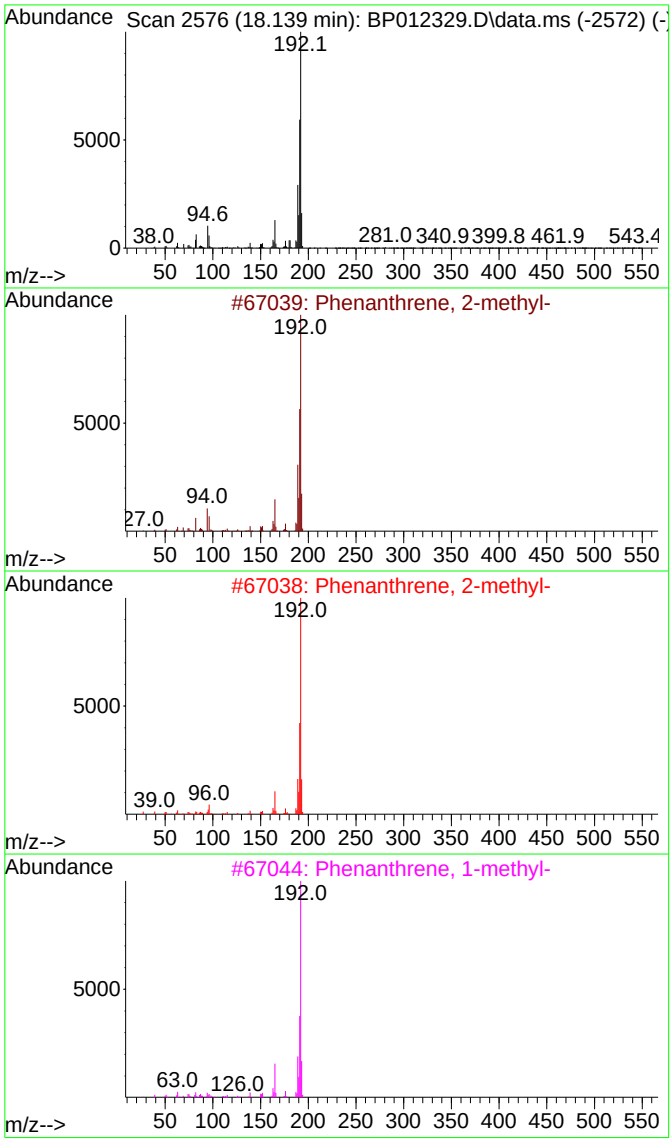
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

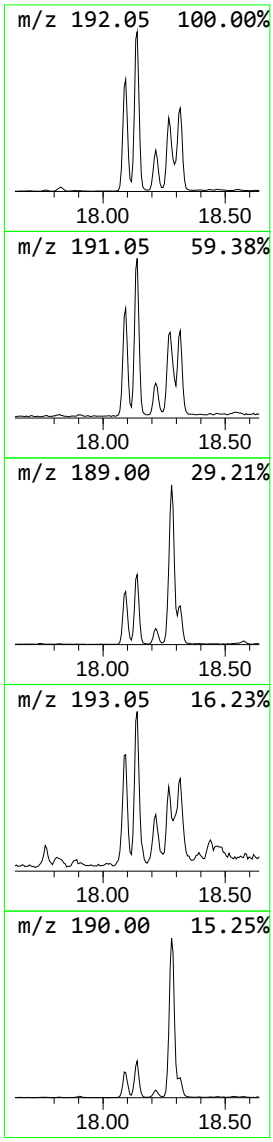
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	3.48 ng/ul	772880	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102622\
Data File : BP012329.D
Acq On : 26 Oct 2022 15:13
Operator : CG/JU
Sample : N5064-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BP5DL

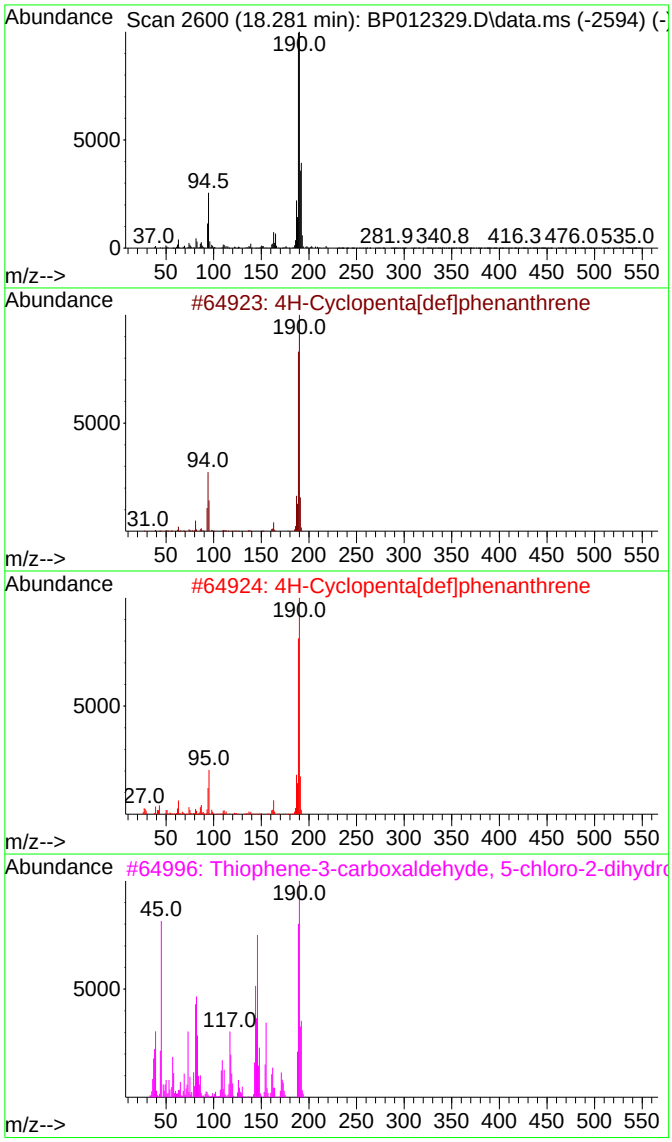
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

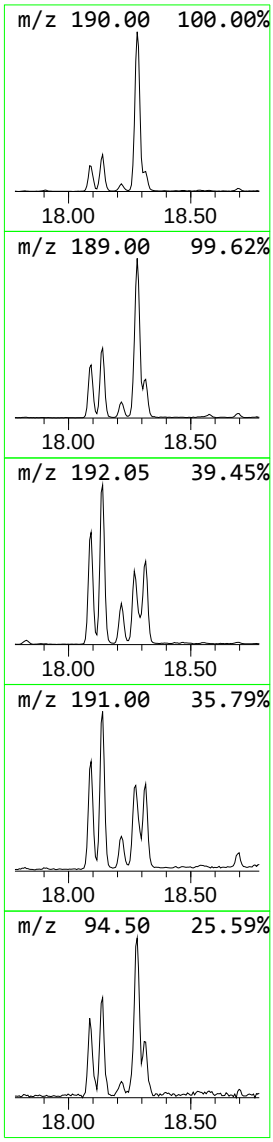
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.281	3.84 ng/ul	852776	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102622\
Data File : BP012329.D
Acq On : 26 Oct 2022 15:13
Operator : CG/JU
Sample : N5064-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BP5DL

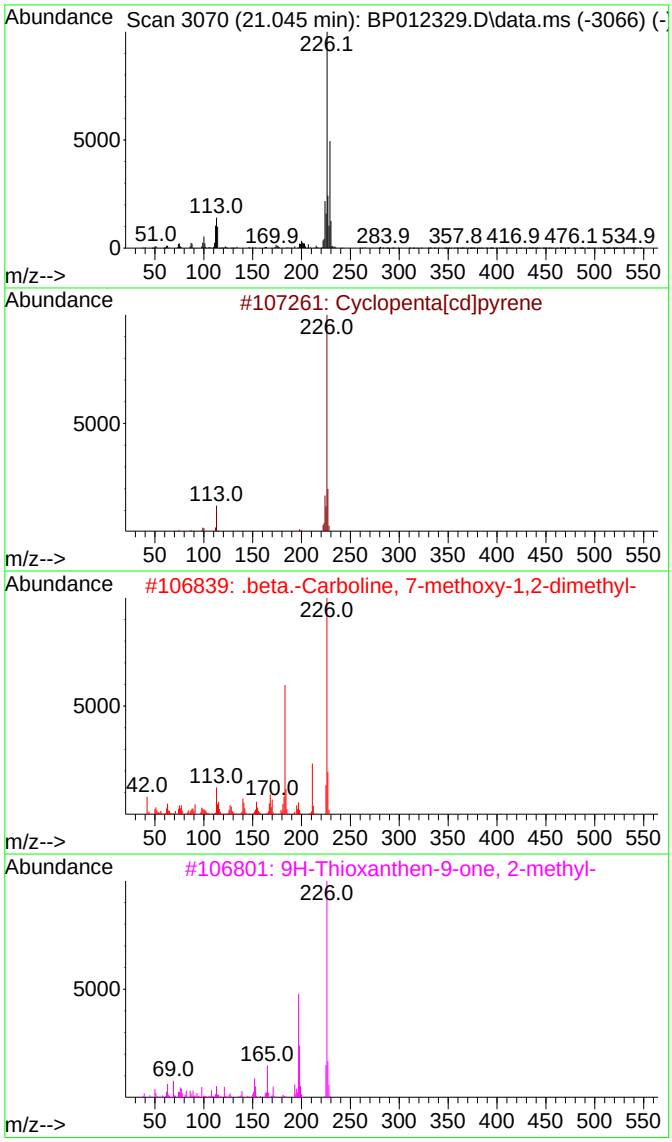
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

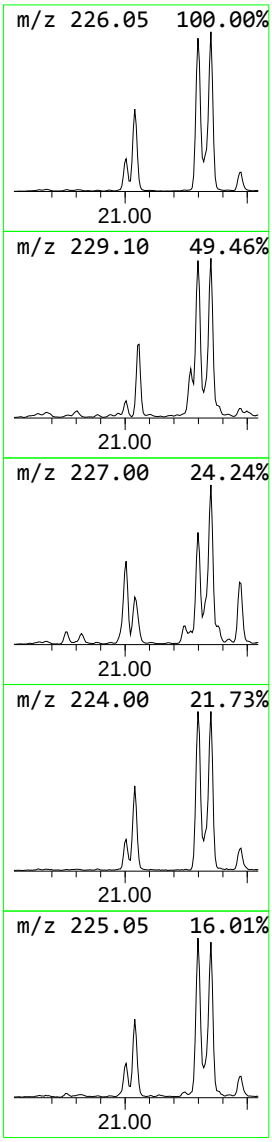
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclopenta[cd]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.045	2.08 ng/ul	1131660	Chrysene-d12	21.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	60
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	49
3	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	47
4	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	47
5	6-Methyl-4-phenyl-3-cyanopyridin...	226	C13H10N2S	078564-23-5	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102622\
Data File : BP012329.D
Acq On : 26 Oct 2022 15:13
Operator : CG/JU
Sample : N5064-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BP5DL

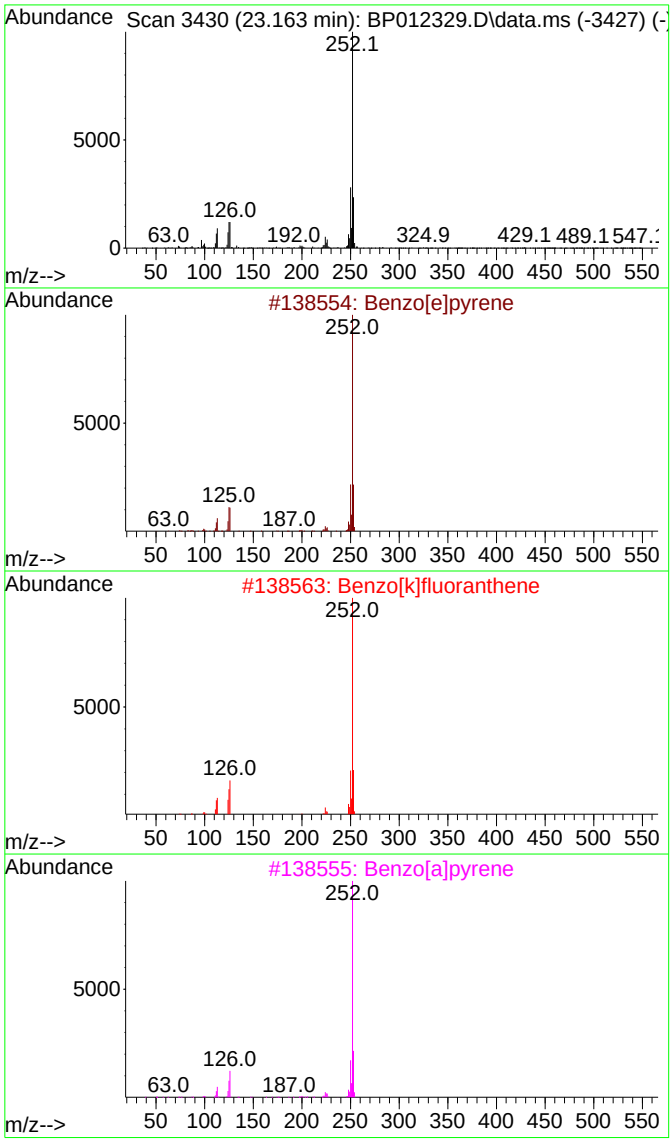
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

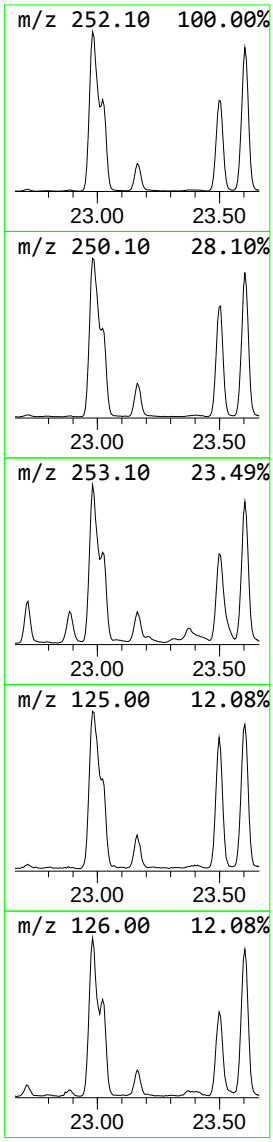
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.163	2.55 ng/ul	753250	Perylene-d12	23.715

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Perylene	252	C20H12	000198-55-0	95
5	Perylene	252	C20H12	000198-55-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102622\
Data File : BP012329.D
Acq On : 26 Oct 2022 15:13
Operator : CG/JU
Sample : N5064-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BP5DL

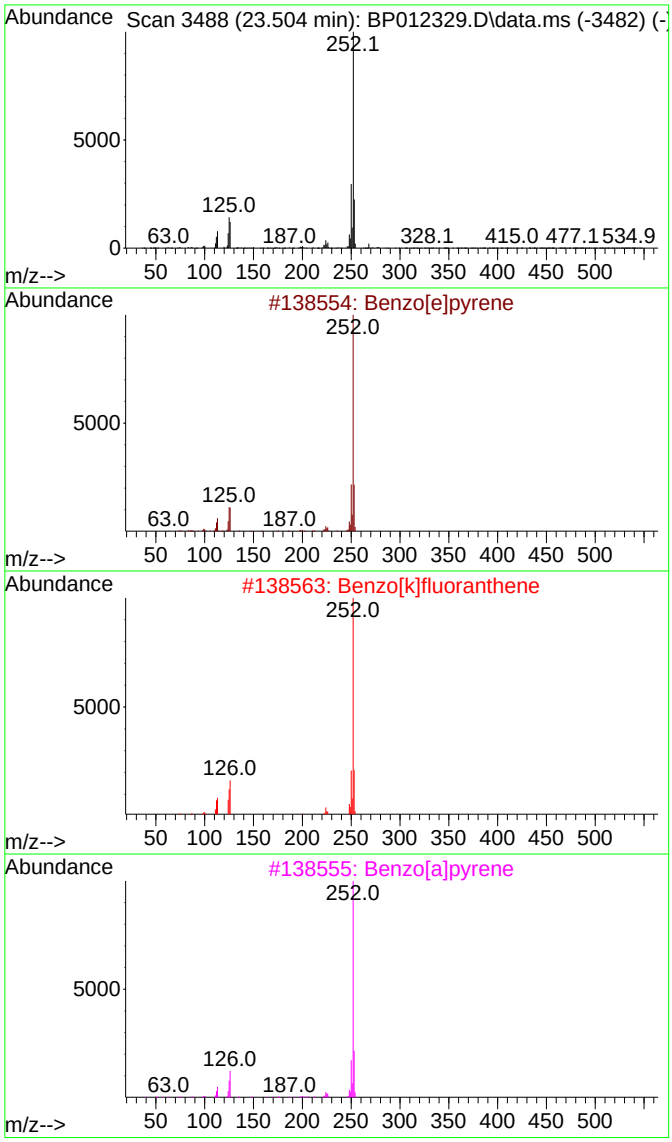
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION

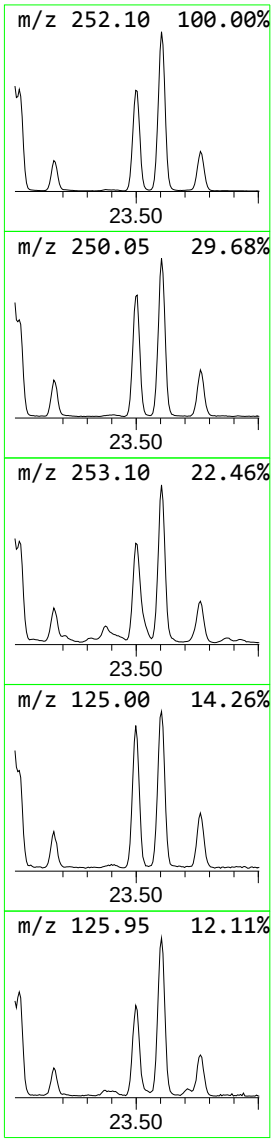
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.504	9.99 ng/ul	2949720	Perylene-d12	23.715

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102622\
Data File : BP012329.D
Acq On : 26 Oct 2022 15:13
Operator : CG/JU
Sample : N5064-09DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0BP5DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.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
Phenanthrene, 2...	18.092	2.7	ng/ul	590197	4	17.222	4445180	20.0
Phenanthrene, 1...	18.139	3.5	ng/ul	772880	4	17.222	4445180	20.0
4H-Cyclopenta[d...	18.281	3.8	ng/ul	852776	4	17.222	4445180	20.0
Cyclopenta[cd]p...	21.045	2.1	ng/ul	1131660	5	21.316	10885400	20.0
Benzo[e]pyrene	23.163	2.5	ng/ul	753250	6	23.715	5906340	20.0
unknown-01	23.504	10.0	ng/ul	2949720	6	23.715	5906340	20.0