LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
Data File : BP021449.D
Acq On : 08 Aug 2024 14:28
Operator : CG/JU
Sample : P3437-15DL2 50X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E05Y5DL2

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-BP071024.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP021449.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.881	147	152	159	rBV6	6828	17865	0.46%	0.058%
2	7.381	742	747	753	rVB10	2380	5974	0.16%	0.019%
3	7.622	781	788	814	rBV	238682	875751	22.78%	2.825%
4	10.381	1248	1257	1263	rBV	445995	1106882	28.80%	3.571%
5	11.986	1526	1530	1536	rBV8	3193	5144	0.13%	0.017%
6	12.080	1540	1546	1563	rBV	124208	334391	8.70%	1.079%
7	12.204	1566	1567	1574	rVV7	4944	9724	0.25%	0.031%
8	12.292	1574	1582	1600	rVB	52306	173399	4.51%	0.559%
9	13.110	1715	1721	1732	rBV	31349	84878	2.21%	0.274%
10	13.292	1747	1752	1762	rVB2	16181	40495	1.05%	0.131%
11	13.451	1767	1779	1789	rBV5	26071	87539	2.28%	0.282%
12	13.580	1794	1801	1806	rVV2	40385	81996	2.13%	0.265%
13	13.633	1806	1810	1817	rVV2	21090	46110	1.20%	0.149%
14	13.704	1819	1822	1832	rVB	14597	29793	0.78%	0.096%
15	13.833	1835	1844	1852	rBV3	12244	35568	0.93%	0.115%
16	13.963	1860	1866	1881	rBV4	20289	65280	1.70%	0.211%
17	14.263	1909	1917	1923	rBV	954753	1812800	47.16%	5.848%
18	14.333	1923	1929	1947	rVV	416382	781235	20.32%	2.520%
19	14.504	1947	1958	1966	rVV6	13649	41876	1.09%	0.135%
20	14.586	1966	1972	1977	rVB2	14105	26914	0.70%	0.087%
21	14.686	1980	1989	2000	rBV2	167507	455638	11.85%	1.470%
22	14.769	2000	2003	2008	rVB3	15279	20221	0.53%	0.065%
23	14.898	2019	2025	2030	rVB3	9261	16076	0.42%	0.052%
24	14.969	2031	2037	2045	rVB7	7240	18643	0.49%	0.060%
25	15.063	2049	2053	2054	rBV4	5004	5017	0.13%	0.016%
26	15.116	2059	2062	2071	rVB8	8218	13151	0.34%	0.042%
27	15.233	2076	2082	2084	rBV7	5808	9338	0.24%	0.030%
28	15.280	2085	2090	2094	rVV2	30844	50549	1.32%	0.163%
29	15.345	2094	2101	2115	rVV	338160	721700	18.78%	2.328%
30	15.469	2115	2122	2124	rVV2	30115	66587	1.73%	0.215%
31	15.504	2124	2128	2134	rVV3	55505	105375	2.74%	0.340%
32	15.551	2134	2136	2140	rVV4	13320	20360	0.53%	0.066%
33	15.598	2140	2144	2148	rVV2	27153	44755	1.16%	0.144%
34	15.657	2148	2154	2162	rVB	53184	100274	2.61%	0.324%
35	15.804	2173	2179	2191	rBV	54477	157257	4.09%	0.507%
36	15.892	2191	2194	2201	rVB4	9378	20093	0.52%	0.065%

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ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Title : SVOA CALIBRATION

37	15.992	2207	2211	2220	rVB10	11243	24019	0.62%	0.077%
38	16.157	2235	2239	2246	rBV	20088	29789	0.77%	0.096%
39	16.368	2264	2275	2280	rBV2	45395	97472	2.54%	0.314%
40	16.421	2280	2284	2289	rVV3	17111	28224	0.73%	0.091%
41	16.463	2289	2291	2295	rVV4	3795	4441	0.12%	0.014%
42	16.521	2297	2301	2306	rVB2	16822	24552	0.64%	0.079%
43	16.580	2307	2311	2312	rBV4	6653	9009	0.23%	0.029%
44	16.610	2312	2316	2319	rVV	13560	19172	0.50%	0.062%
45	16.645	2319	2322	2325	rVB4	16093	18684	0.49%	0.060%
46	16.798	2342	2348	2356	rBV7	19829	57755	1.50%	0.186%
47	16.898	2356	2365	2375	rVB	140341	221725	5.77%	0.715%
48	17.074	2389	2395	2399	rBV	1416603	2311543	60.14%	7.457%
49	17.121	2399	2403	2411	rVB	2108243	3295983	85.75%	10.633%
50	17.233	2416	2422	2431	rVV	224298	538425	14.01%	1.737%
51	17.327	2435	2438	2446	rVB2	17959	43787	1.14%	0.141%
52	17.545	2469	2475	2483	rVV	70841	128939	3.35%	0.416%
53	17.615	2483	2487	2492	rVB	24910	32661	0.85%	0.105%
54	17.692	2497	2500	2510	rVB6	15322	32382	0.84%	0.104%
55	17.839	2521	2525	2531	rVB6	8349	17426	0.45%	0.056%
56	17.986	2545	2550	2555	rBV	115806	198200	5.16%	0.639%
57	18.045	2556	2560	2570	rVV	148382	252315	6.56%	0.814%
58	18.139	2570	2576	2579	rVV	41524	71921	1.87%	0.232%
59	18.186	2579	2584	2589	rVV	293089	470068	12.23%	1.517%
60	18.233	2590	2592	2599	rVB2	62505	85651	2.23%	0.276%
61	18.380	2615	2617	2619	rBV3	6359	7052	0.18%	0.023%
62	18.515	2636	2640	2649	rBV	98931	145831	3.79%	0.470%
63	18.757	2678	2681	2687	rVB2	21191	25566	0.67%	0.082%
64	18.815	2688	2691	2695	rBV3	13128	19509	0.51%	0.063%
65	18.945	2710	2713	2716	rVB2	24342	28727	0.75%	0.093%
66	19.010	2722	2724	2727	rVB2	16822	13799	0.36%	0.045%
67	19.215	2752	2759	2768	rBV	1933817	2971497	77.30%	9.587%
68	19.468	2798	2802	2809	rBV2	67839	107884	2.81%	0.348%
69	19.592	2813	2823	2834	rVV	1322517	2634400	68.53%	8.499%
70	19.680	2835	2838	2845	rVB3	42786	72125	1.88%	0.233%
71	19.798	2854	2858	2863	rBV	76897	108778	2.83%	0.351%
72	19.892	2870	2874	2876	rBV2	43286	66426	1.73%	0.214%
73	20.121	2909	2913	2921	rVB	191079	269119	7.00%	0.868%
74	20.221	2926	2930	2934	rVV2	221979	278431	7.24%	0.898%
75	21.509	3140	3149	3154	rBV2	1711498	3843916	100.00%	12.401%
76	21.709	3180	3183	3191	rVB	119484	224458	5.84%	0.724%

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ClientSampleId :
E05Y5DL2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Title : SVOA CALIBRATION

77	23.756	3525	3531	3538	rBV2	290472	828877	21.56%	2.674%
78	24.480	3651	3654	3663	rVB	180106	366461	9.53%	1.182%
79	24.633	3675	3680	3690	rVB	328156	740555	19.27%	2.389%
80	24.786	3697	3706	3718	rBV2	866216	2740200	71.29%	8.840%

Sum of corrected areas: 30996402

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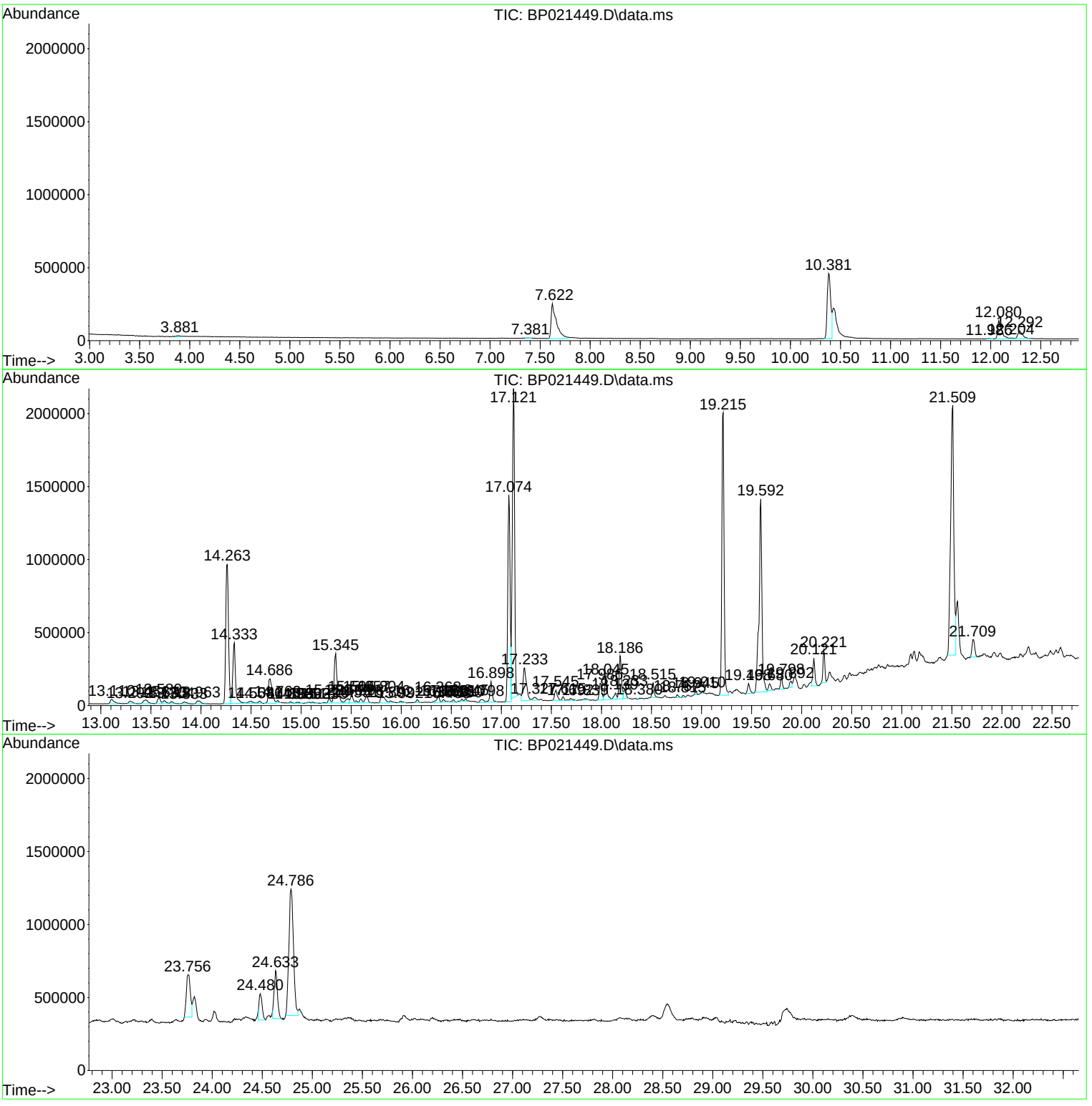
Instrument :
BNA_P
ClientSampleId :
E05Y5DL2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

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



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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

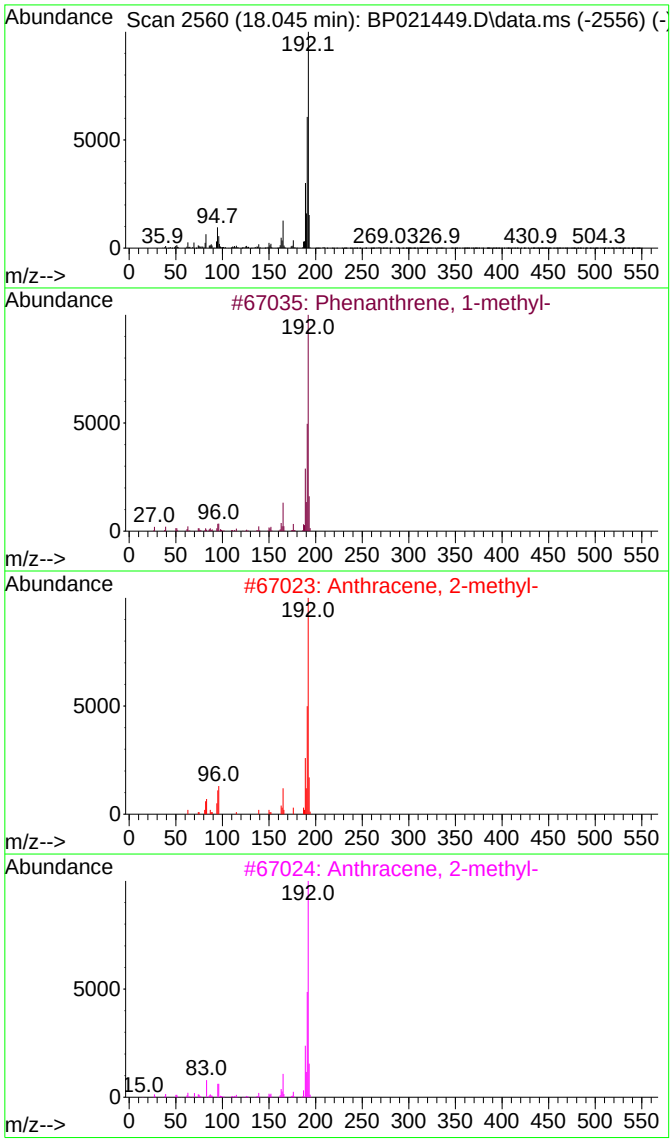
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

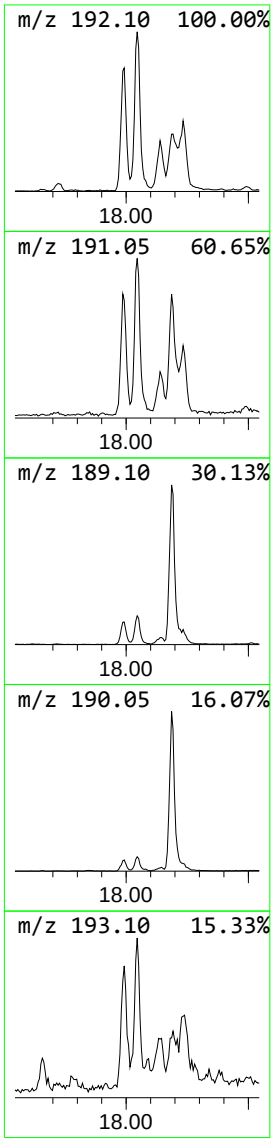
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	2.18 ng/ul	252315	Phenanthrene-d10	17.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





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Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E05Y5DL2

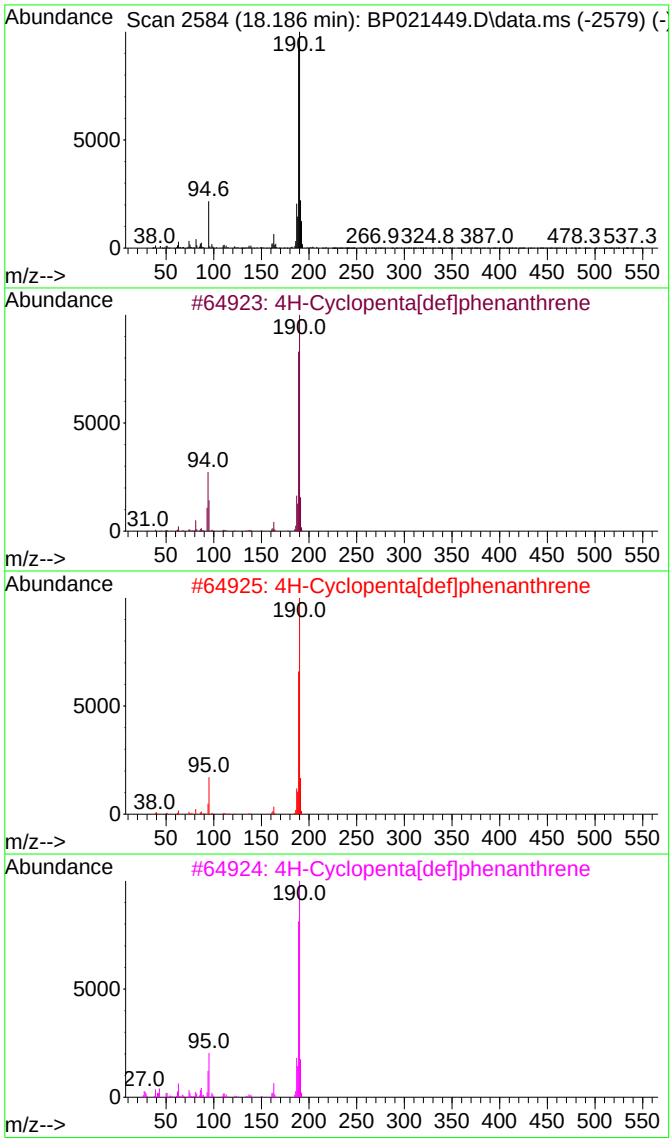
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

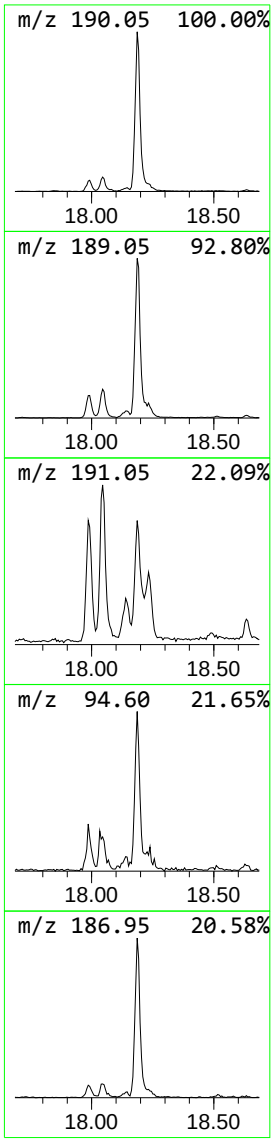
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	4.07 ng/ul	470068	Phenanthrene-d10	17.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59
5	Methyl diselenide	190	C2H6Se2	007101-31-7	55





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

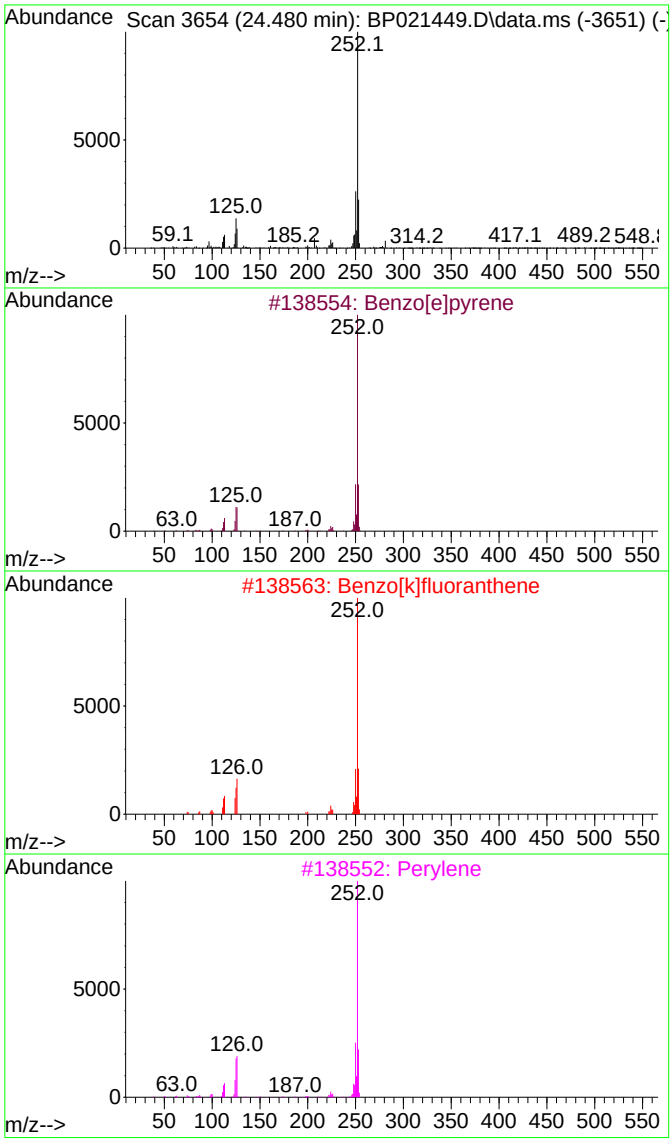
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

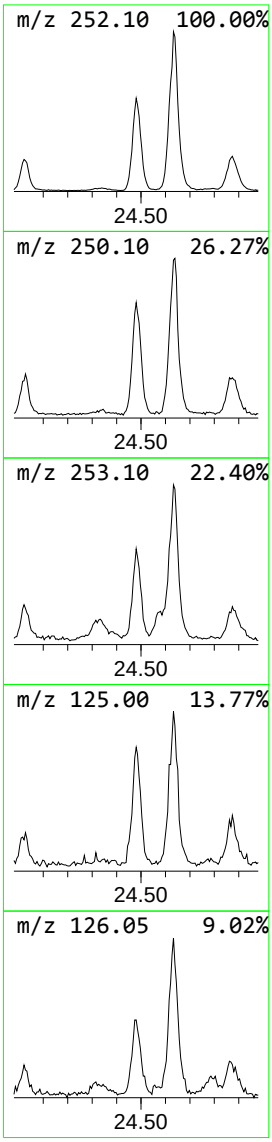
****

Peak Number 3 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.480	2.67 ng/ul	366461	Perylene-d12	24.786

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	97
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

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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, 1...	18.045	2.2	ng/ul	252315	4	17.074	2311540	20.0
4H-Cyclopenta[d...	18.186	4.1	ng/ul	470068	4	17.074	2311540	20.0
Benzo[e]pyrene	24.480	2.7	ng/ul	366461	6	24.786	2740200	20.0