LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061430.D
Acq On : 3 Jun 2024 19:33
Operator : MA/JU
Sample : P2577-09DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN7DL

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_G\Methods\SFAM-EPA-BG052124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG061430.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.076	9	15	31	rVB	393835	653252	48.53%	5.106%
2	3.752	125	130	138	rVB4	2885	5335	0.40%	0.042%
3	3.858	143	148	152	rVB5	3779	5800	0.43%	0.045%
4	7.066	686	694	701	rBV2	25689	44840	3.33%	0.350%
5	7.207	712	718	723	rVB	16133	27359	2.03%	0.214%
6	7.412	746	753	759	rBV3	24742	41589	3.09%	0.325%
7	7.871	825	831	839	rBV	133798	219870	16.33%	1.718%
8	8.599	949	955	960	rBV	28204	48418	3.60%	0.378%
9	9.028	1022	1028	1035	rBV3	26793	45294	3.36%	0.354%
10	9.751	1146	1151	1157	rBV3	21560	36337	2.70%	0.284%
11	10.309	1238	1246	1254	rBV2	26006	47497	3.53%	0.371%
12	10.667	1296	1307	1314	rBV	157332	276886	20.57%	2.164%
13	10.809	1325	1331	1338	rVB2	10788	19320	1.44%	0.151%
14	12.324	1584	1589	1595	rBV3	3433	5935	0.44%	0.046%
15	12.554	1622	1628	1633	rBV3	2717	4920	0.37%	0.038%
16	13.834	1839	1846	1851	rBV3	3768	7009	0.52%	0.055%
17	13.917	1851	1860	1866	rVB	64322	94290	7.00%	0.737%
18	14.205	1904	1909	1918	rVB	66850	105817	7.86%	0.827%
19	14.510	1953	1961	1967	rBV	305841	469770	34.90%	3.672%
20	14.575	1967	1972	1978	rVV	25343	35803	2.66%	0.280%
21	14.769	1999	2005	2010	rVV5	8374	16985	1.26%	0.133%
22	14.910	2024	2029	2038	rVB	18524	27591	2.05%	0.216%
23	15.503	2125	2130	2135	rVV	97010	141393	10.50%	1.105%
24	15.562	2135	2140	2147	rVB	31379	47814	3.55%	0.374%
25	15.656	2152	2156	2163	rVV6	12558	23065	1.71%	0.180%
26	15.726	2164	2168	2173	rVV2	4574	8072	0.60%	0.063%
27	15.809	2179	2182	2186	rVV3	2788	5365	0.40%	0.042%
28	15.856	2186	2190	2200	rVB	8067	13746	1.02%	0.107%
29	16.002	2209	2215	2222	rVB2	9888	18570	1.38%	0.145%
30	16.243	2249	2256	2261	rBV6	4971	11156	0.83%	0.087%
31	16.566	2302	2311	2316	rVB8	7414	17648	1.31%	0.138%
32	16.613	2316	2319	2324	rVB4	5034	7364	0.55%	0.058%
33	16.707	2333	2335	2341	rVB5	3768	6256	0.46%	0.049%
34	16.796	2347	2350	2354	rVV2	4816	6392	0.47%	0.050%
35	16.831	2354	2356	2360	rVB3	5248	6749	0.50%	0.053%
36	16.913	2367	2370	2377	rVB3	13516	19697	1.46%	0.154%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
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Acq On : 3 Jun 2024 19:33
Operator : MA/JU
Sample : P2577-09DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN7DL

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_G\Methods\SFAM-EPA-BG052124.MA.M
Title : SVOA CALIBRATION

37	17.013	2379	2387	2392	rBV6	12720	23674	1.76%	0.185%
38	17.078	2392	2398	2405	rVB	21047	29345	2.18%	0.229%
39	17.260	2421	2429	2433	rBV	430278	648503	48.18%	5.069%
40	17.301	2433	2436	2442	rVV	404950	590635	43.88%	4.616%
41	17.360	2442	2446	2449	rVV	118854	176859	13.14%	1.382%
42	17.395	2449	2452	2458	rVB	78731	105936	7.87%	0.828%
43	17.454	2458	2462	2467	rVB5	6367	9090	0.68%	0.071%
44	17.577	2481	2483	2488	rVB4	5450	7832	0.58%	0.061%
45	17.665	2488	2498	2510	rBV	40192	86793	6.45%	0.678%
46	17.777	2514	2517	2520	rBV3	8159	9382	0.70%	0.073%
47	17.841	2524	2528	2535	rVB6	8996	15320	1.14%	0.120%
48	17.988	2549	2553	2557	rVB3	3615	5114	0.38%	0.040%
49	18.059	2562	2565	2569	rBV4	4397	6463	0.48%	0.051%
50	18.135	2573	2578	2582	rBV	59287	82998	6.17%	0.649%
51	18.188	2582	2587	2593	rVB2	83520	119516	8.88%	0.934%
52	18.264	2596	2600	2606	rBV3	24855	34649	2.57%	0.271%
53	18.335	2606	2612	2615	rBV3	82334	149188	11.08%	1.166%
54	18.370	2615	2618	2624	rVB	42173	59641	4.43%	0.466%
55	18.447	2624	2631	2634	rBV6	7857	14457	1.07%	0.113%
56	18.482	2634	2637	2641	rBV5	6624	8815	0.65%	0.069%
57	18.535	2642	2646	2651	rBV7	5457	6802	0.51%	0.053%
58	18.582	2651	2654	2658	rBV4	5124	4549	0.34%	0.036%
59	18.635	2658	2663	2667	rBV	45955	62044	4.61%	0.485%
60	18.688	2667	2672	2676	rVB2	35253	53222	3.95%	0.416%
61	18.758	2680	2684	2688	rBV6	6389	10175	0.76%	0.080%
62	18.858	2698	2701	2702	rBV3	4973	5654	0.42%	0.044%
63	18.887	2702	2706	2709	rVV	19936	25222	1.87%	0.197%
64	18.934	2710	2714	2717	rVV2	14863	19255	1.43%	0.150%
65	18.970	2717	2720	2724	rVB3	12049	17994	1.34%	0.141%
66	19.058	2724	2735	2740	rBV	38191	80749	6.00%	0.631%
67	19.116	2742	2745	2749	rVV4	19315	35456	2.63%	0.277%
68	19.146	2749	2750	2755	rVB3	12696	10371	0.77%	0.081%
69	19.199	2755	2759	2766	rVB3	28314	57264	4.25%	0.448%
70	19.322	2774	2780	2786	rVV	672569	955475	70.98%	7.468%
71	19.375	2786	2789	2793	rVV2	13810	20533	1.53%	0.160%
72	19.416	2793	2796	2801	rVB4	19448	23285	1.73%	0.182%
73	19.516	2808	2813	2817	rBV6	14842	29841	2.22%	0.233%
74	19.563	2817	2821	2825	rVV	23121	33839	2.51%	0.264%
75	19.651	2831	2836	2838	rBV2	271198	383031	28.45%	2.994%
76	19.680	2838	2841	2849	rVV	563898	823152	61.15%	6.434%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061430.D
Acq On : 3 Jun 2024 19:33
Operator : MA/JU
Sample : P2577-09DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN7DL

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_G\Methods\SFAM-EPA-BG052124.MA.M
Title : SVOA CALIBRATION

77	19.751	2849	2853	2861	rVB2	33914	58223	4.33%	0.455%
78	19.863	2867	2872	2877	rBV	39799	59066	4.39%	0.462%
79	19.915	2878	2881	2886	rVB3	20480	32542	2.42%	0.254%
80	19.998	2891	2895	2903	rBV3	46673	130169	9.67%	1.017%
81	20.056	2903	2905	2908	rBV2	8019	9530	0.71%	0.074%
82	20.145	2915	2920	2921	rBV4	32408	47624	3.54%	0.372%
83	20.174	2921	2925	2931	rVB	104010	165081	12.26%	1.290%
84	20.274	2938	2942	2946	rBV	76870	105479	7.84%	0.824%
85	20.333	2947	2952	2957	rVV3	53499	99336	7.38%	0.776%
86	20.474	2973	2976	2979	rBV	35800	41329	3.07%	0.323%
87	20.515	2981	2983	2988	rVB	33695	46392	3.45%	0.363%
88	20.932	3050	3054	3060	rVB	51489	77830	5.78%	0.608%
89	21.108	3080	3084	3087	rBV	40186	46819	3.48%	0.366%
90	21.149	3087	3091	3094	rBV	38651	49440	3.67%	0.386%
91	21.514	3145	3153	3157	rBV2	615801	1346099	100.00%	10.521%
92	21.561	3157	3161	3174	rVB	303286	505095	37.52%	3.948%
93	21.708	3182	3186	3190	rVB	41523	69535	5.17%	0.543%
94	21.913	3216	3221	3227	rVB2	38106	80987	6.02%	0.633%
95	22.283	3282	3284	3291	rVB4	43938	68934	5.12%	0.539%
96	23.629	3506	3513	3520	rBV	197719	603787	44.85%	4.719%
97	24.322	3624	3631	3636	rBV2	99139	241327	17.93%	1.886%
98	24.393	3638	3643	3647	rVV2	79474	180209	13.39%	1.408%
99	24.457	3648	3654	3666	rVB	172748	462190	34.34%	3.612%
100	24.604	3671	3679	3688	rBV	320826	852114	63.30%	6.660%

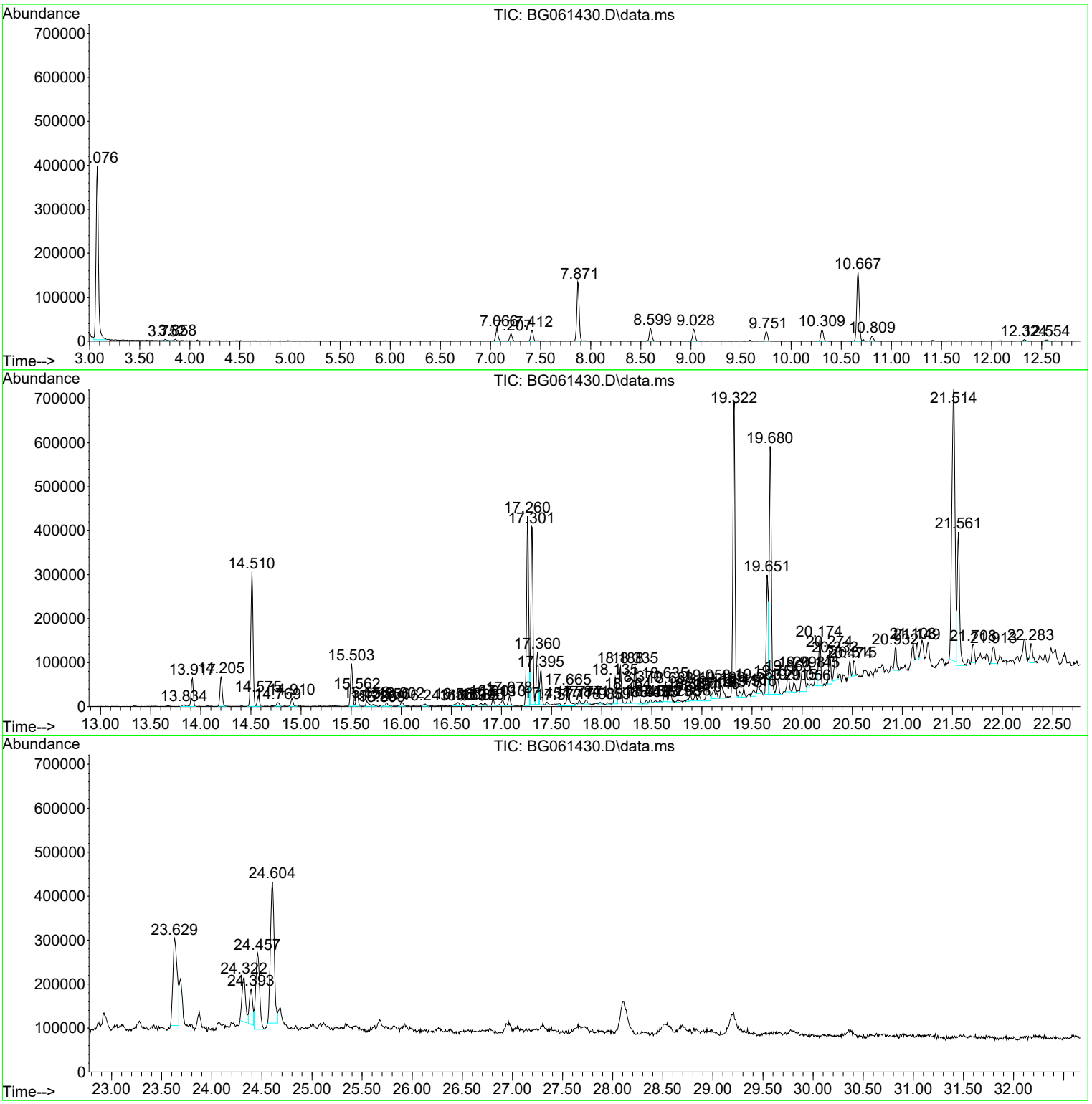
Sum of corrected areas: 12794464

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061430.D
Acq On : 3 Jun 2024 19:33
Operator : MA/JU
Sample : P2577-09DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061430.D
Acq On : 3 Jun 2024 19:33
Operator : MA/JU
Sample : P2577-09DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN7DL

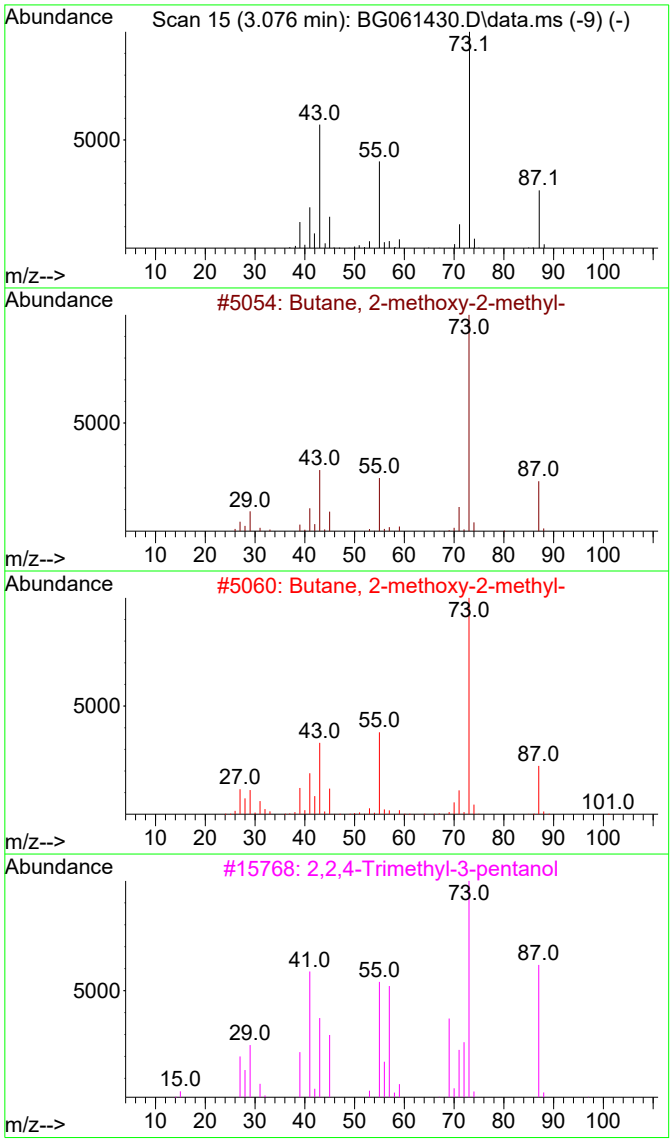
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

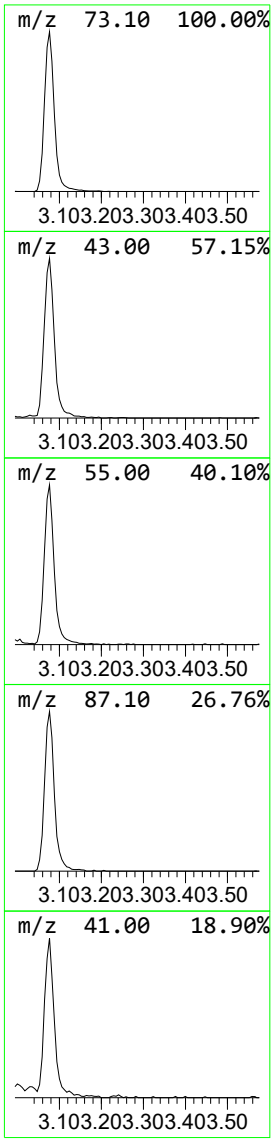
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.076	59.42 ng/ul	653252	1,4-Dichlorobenzene-d4	7.877

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061430.D
Acq On : 3 Jun 2024 19:33
Operator : MA/JU
Sample : P2577-09DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN7DL

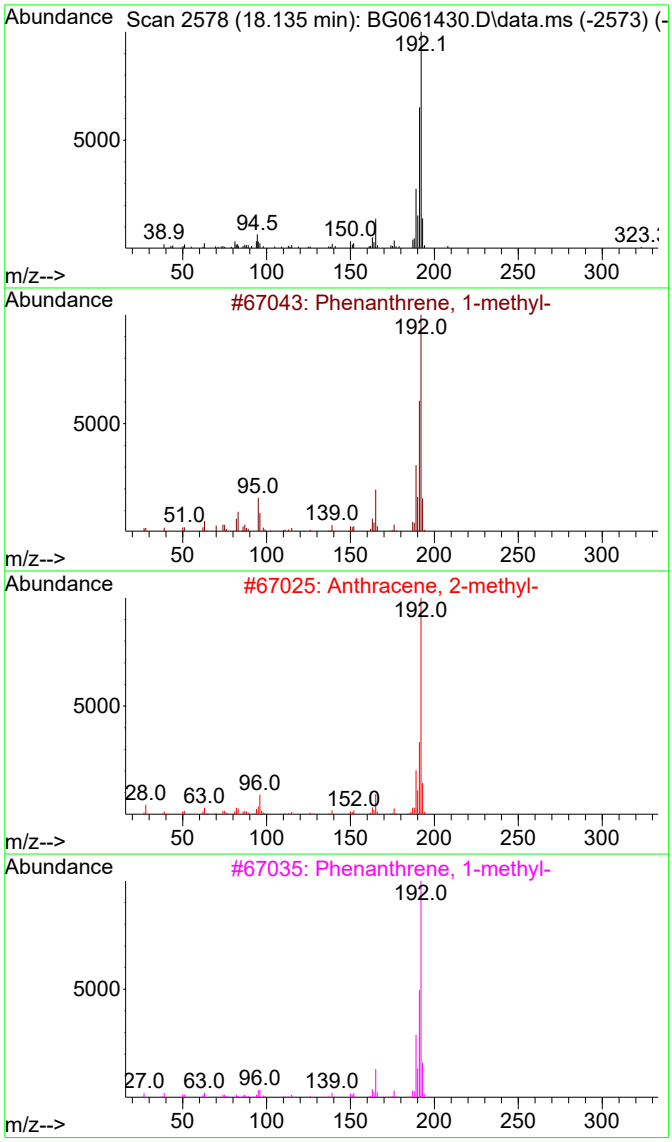
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

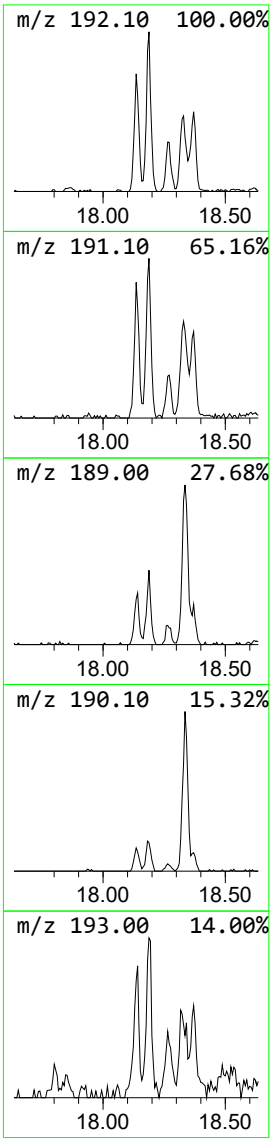
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.135	2.56 ng/ul	82998	Phenanthrene-d10	17.260

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	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061430.D
Acq On : 3 Jun 2024 19:33
Operator : MA/JU
Sample : P2577-09DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN7DL

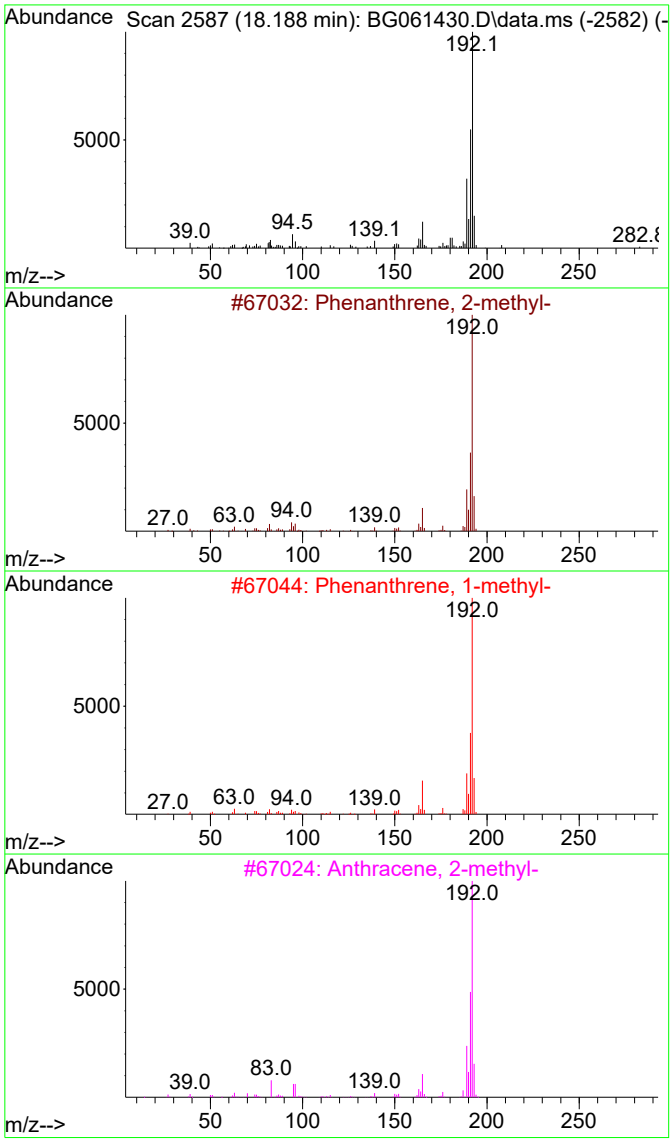
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

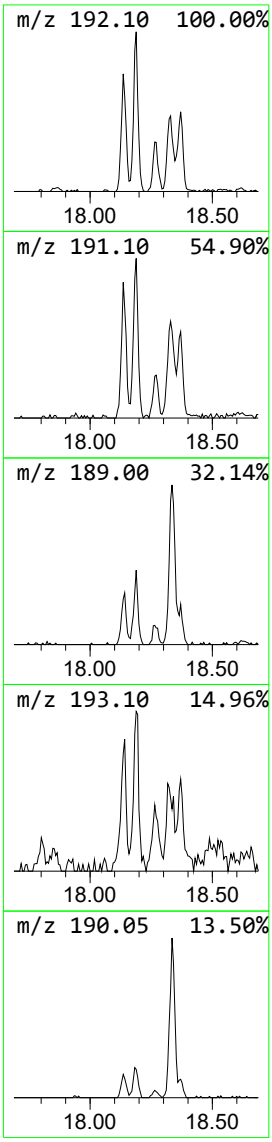
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.188	3.69 ng/ul	119516	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061430.D
Acq On : 3 Jun 2024 19:33
Operator : MA/JU
Sample : P2577-09DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN7DL

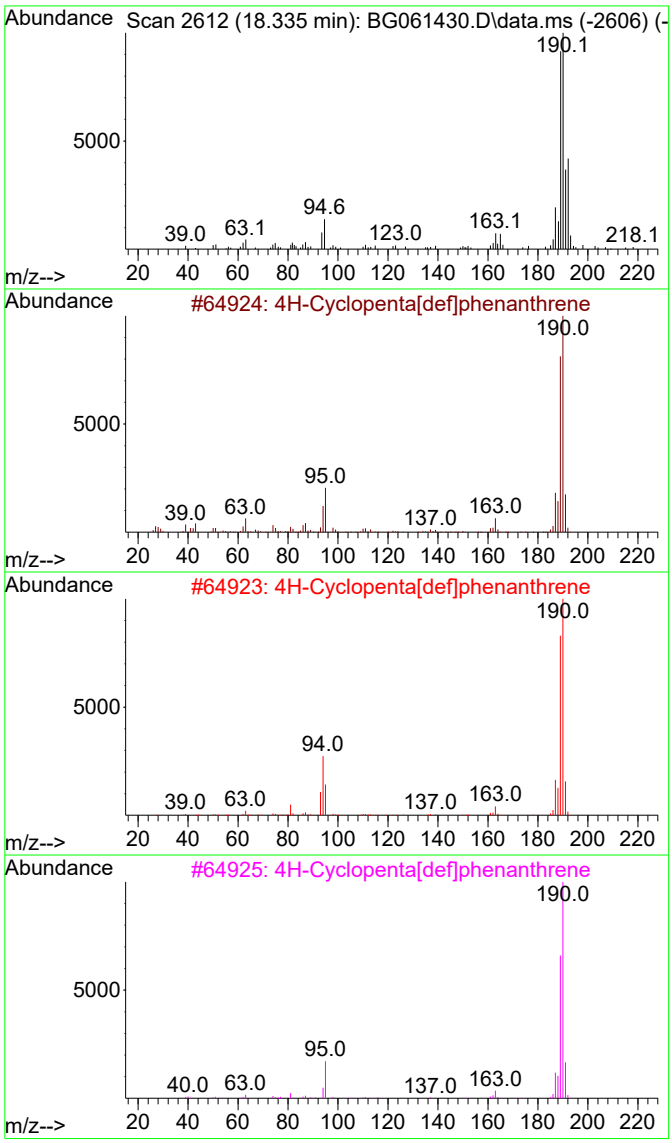
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

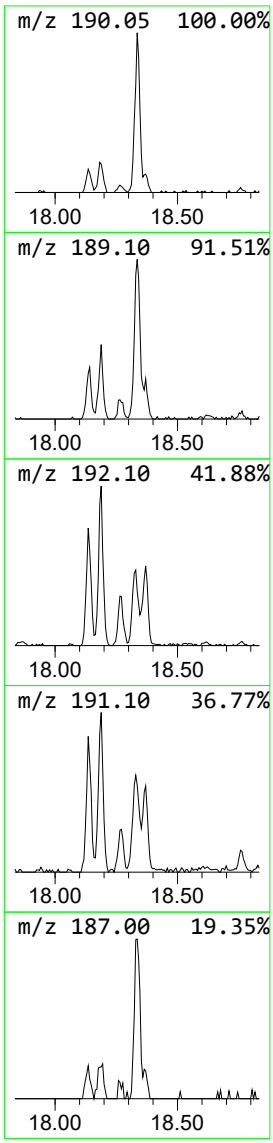
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.335	4.60 ng/ul	149188	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	47
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061430.D
Acq On : 3 Jun 2024 19:33
Operator : MA/JU
Sample : P2577-09DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN7DL

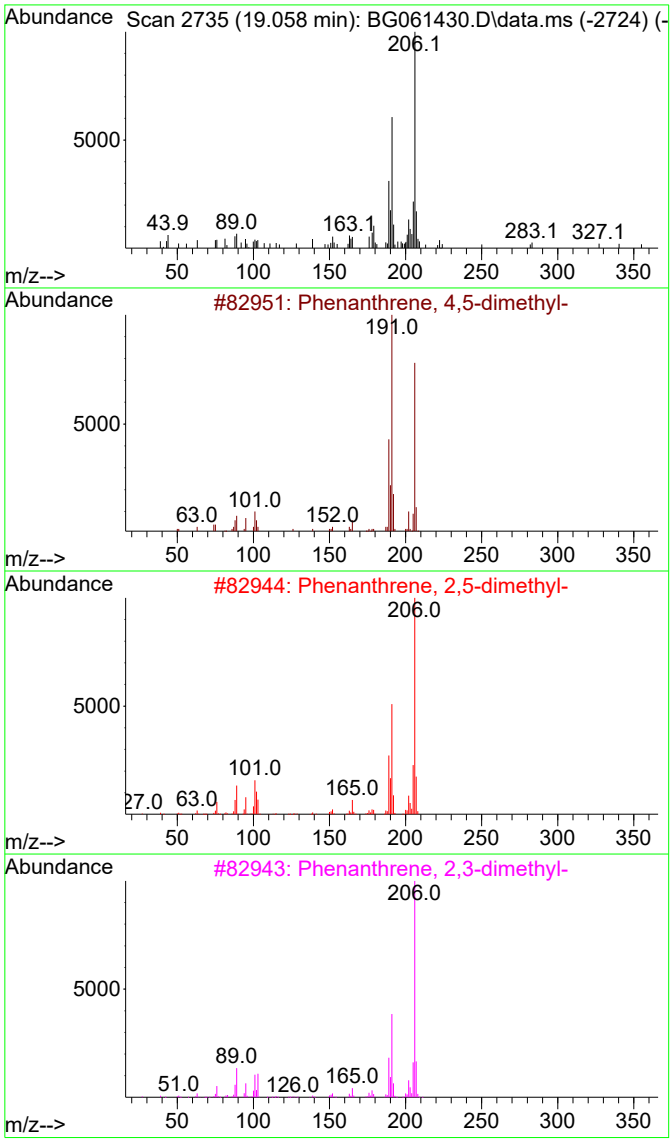
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

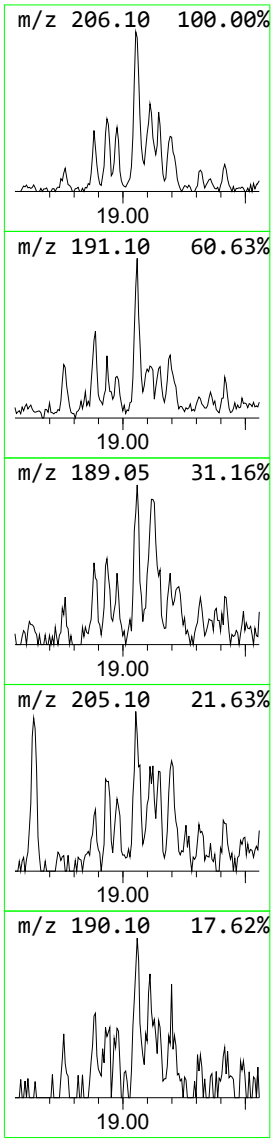
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 4,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.058	2.49 ng/ul	80749	Phenanthrene-d10	17.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	83





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Acq On : 3 Jun 2024 19:33
Operator : MA/JU
Sample : P2577-09DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN7DL

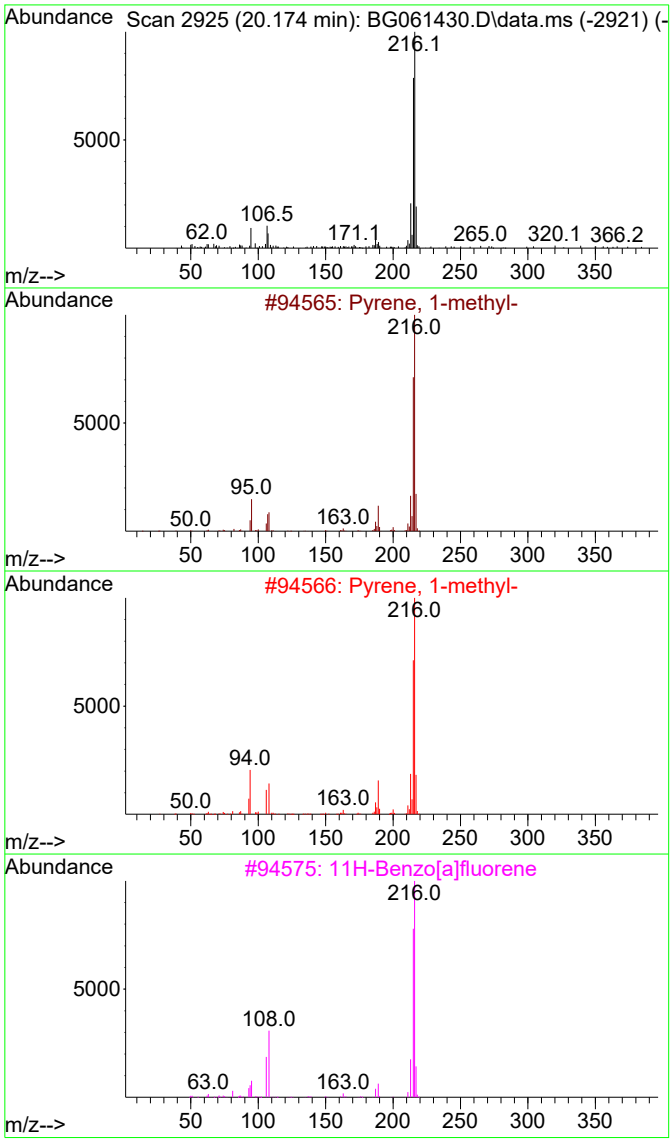
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

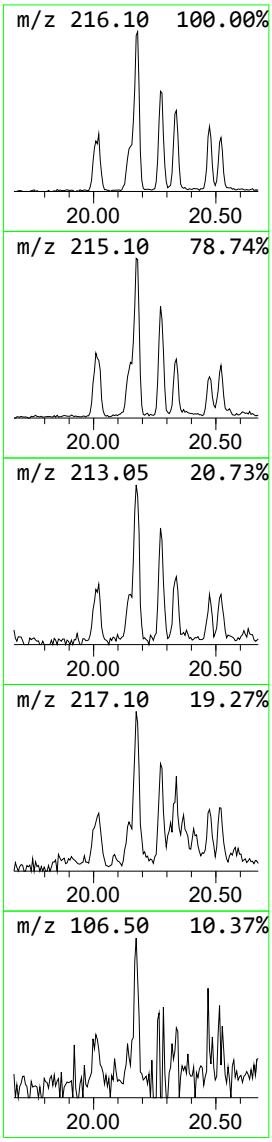
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.174	2.45 ng/ul	165081	Chrysene-d12	21.514

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80





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Operator : MA/JU
Sample : P2577-09DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

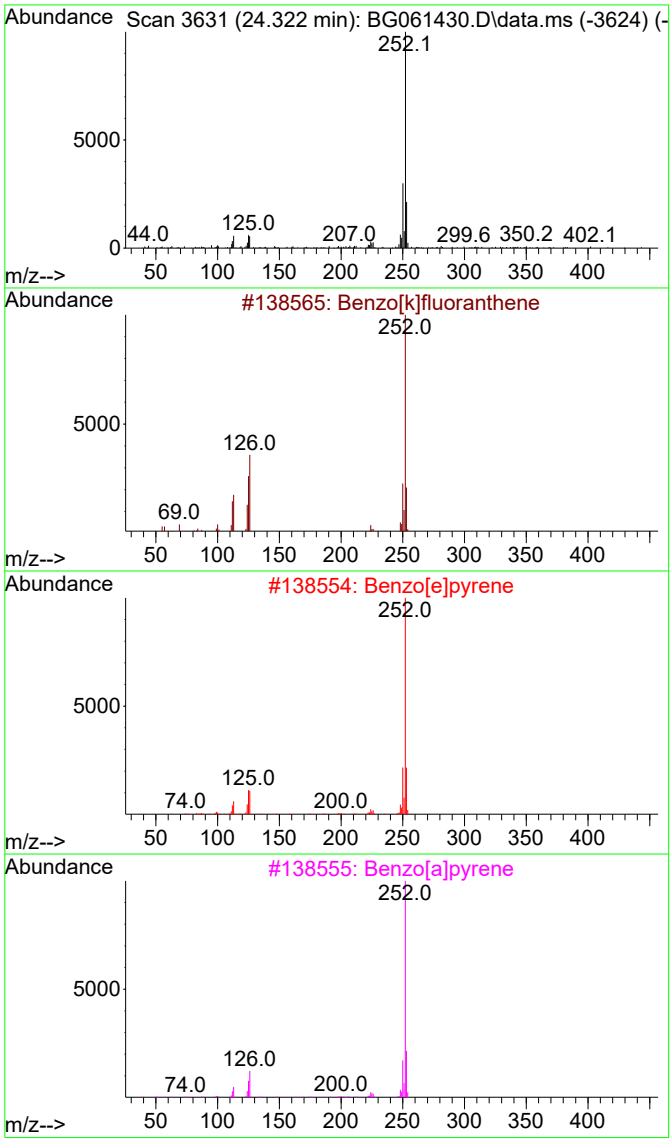
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

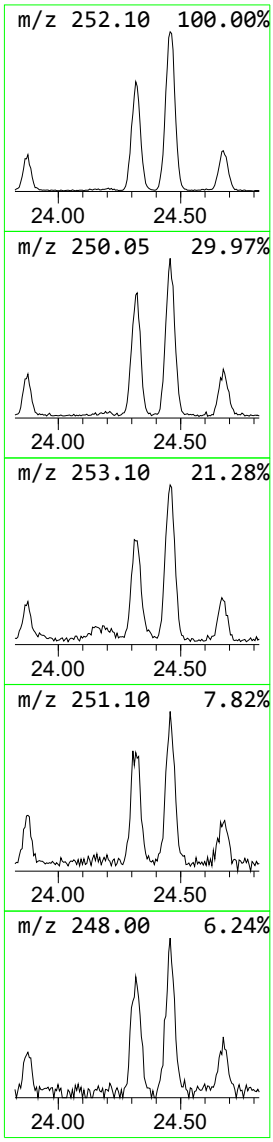
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.322	5.66 ng/ul	241327	Perylene-d12	24.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	90
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	89
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060324\
Data File : BG061430.D
Acq On : 3 Jun 2024 19:33
Operator : MA/JU
Sample : P2577-09DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBN7DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.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
Butane, 2-metho...	3.076	59.4	ng/ul	653252	1	7.877	219870	20.0
Phenanthrene, 1...	18.135	2.6	ng/ul	82998	4	17.260	648503	20.0
Phenanthrene, 2...	18.188	3.7	ng/ul	119516	4	17.260	648503	20.0
4H-Cyclopenta[d...	18.335	4.6	ng/ul	149188	4	17.260	648503	20.0
Phenanthrene, 4...	19.058	2.5	ng/ul	80749	4	17.260	648503	20.0
Pyrene, 1-methyl-	20.174	2.5	ng/ul	165081	5	21.514	1346100	20.0
Benzo[e]pyrene	24.322	5.7	ng/ul	241327	6	24.604	852114	20.0