LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061414.D
Acq On : 1 Jun 2024 5:51
Operator : MA/JU
Sample : P2549-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH619

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: BG061414.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.032	5	7	9	rBV	11843	12071	0.47%	0.063%
2	3.079	9	15	43	rVB	1421073	2591722	100.00%	13.491%
3	3.743	123	128	138	rBV2	35970	67546	2.61%	0.352%
4	3.854	142	147	155	rBV2	29551	44086	1.70%	0.229%
5	7.056	686	692	705	rVB	97321	169122	6.53%	0.880%
6	7.203	710	717	728	rBV	63553	104027	4.01%	0.542%
7	7.409	746	752	759	rBV	91989	158733	6.12%	0.826%
8	7.873	821	831	838	rBV	131491	217198	8.38%	1.131%
9	8.590	948	953	961	rBV	91056	149727	5.78%	0.779%
10	9.030	1019	1028	1036	rBV	95803	166481	6.42%	0.867%
11	9.583	1117	1122	1129	rVB2	7584	10068	0.39%	0.052%
12	9.747	1144	1150	1157	rBV	85470	149692	5.78%	0.779%
13	10.300	1238	1244	1252	rBV	122286	214346	8.27%	1.116%
14	10.664	1298	1306	1313	rBV	175570	298149	11.50%	1.552%
15	10.805	1321	1330	1338	rBV2	35029	65316	2.52%	0.340%
16	11.404	1427	1432	1440	rBV2	13821	23237	0.90%	0.121%
17	13.913	1849	1859	1865	rBV	220607	316104	12.20%	1.645%
18	14.201	1902	1908	1921	rVB2	244166	379239	14.63%	1.974%
19	14.506	1951	1960	1967	rBV	272106	422920	16.32%	2.202%
20	14.747	1988	2001	2015	rBV4	48462	128195	4.95%	0.667%
21	14.871	2017	2022	2026	rVV4	8708	12459	0.48%	0.065%
22	15.505	2122	2130	2136	rBV	321643	474930	18.32%	2.472%
23	15.558	2136	2139	2143	rVB3	9719	12232	0.47%	0.064%
24	15.640	2148	2153	2159	rBV	73310	106779	4.12%	0.556%
25	16.228	2248	2253	2259	rBV6	11317	22865	0.88%	0.119%
26	16.569	2308	2311	2316	rVV5	6225	9509	0.37%	0.049%
27	16.616	2316	2319	2324	rVB4	5910	10085	0.39%	0.052%
28	16.915	2365	2370	2374	rBV2	15302	23335	0.90%	0.121%
29	17.009	2384	2386	2391	rVB4	7269	9664	0.37%	0.050%
30	17.074	2393	2397	2402	rBV2	8196	12498	0.48%	0.065%
31	17.174	2407	2414	2419	rBV6	7866	12789	0.49%	0.067%
32	17.256	2419	2428	2432	rBV	356576	551935	21.30%	2.873%
33	17.303	2432	2436	2440	rVV	204801	301647	11.64%	1.570%
34	17.356	2440	2445	2457	rVB	353720	544616	21.01%	2.835%
35	17.450	2457	2461	2467	rBV6	10244	16711	0.64%	0.087%
36	17.573	2478	2482	2486	rVB4	6822	11636	0.45%	0.061%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061414.D
Acq On : 1 Jun 2024 5:51
Operator : MA/JU
Sample : P2549-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH619

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	17.632	2486	2492	2494	rBV3	8975	13288	0.51%	0.069%
38	17.662	2494	2497	2501	rVV	16155	22641	0.87%	0.118%
39	17.779	2510	2517	2520	rVB4	9879	19163	0.74%	0.100%
40	17.844	2520	2528	2532	rBV2	16040	26866	1.04%	0.140%
41	17.938	2538	2544	2548	rBV8	7494	17139	0.66%	0.089%
42	17.979	2548	2551	2558	rVB3	7658	14111	0.54%	0.073%
43	18.137	2572	2578	2583	rBV2	64206	145903	5.63%	0.759%
44	18.184	2583	2586	2590	rVV	84783	119376	4.61%	0.621%
45	18.220	2590	2592	2596	rVB	15700	16251	0.63%	0.085%
46	18.267	2596	2600	2604	rBV3	8859	10732	0.41%	0.056%
47	18.325	2604	2610	2615	rBV3	77122	144691	5.58%	0.753%
48	18.367	2615	2617	2623	rVB	44485	55405	2.14%	0.288%
49	18.443	2626	2630	2634	rBV5	11457	18401	0.71%	0.096%
50	18.484	2634	2637	2641	rBV5	10936	13678	0.53%	0.071%
51	18.537	2642	2646	2650	rVB6	10438	16031	0.62%	0.083%
52	18.631	2658	2662	2666	rVV	43141	63331	2.44%	0.330%
53	18.684	2666	2671	2677	rVV3	54623	90194	3.48%	0.470%
54	18.878	2696	2704	2709	rBV3	24543	46877	1.81%	0.244%
55	18.931	2709	2713	2717	rBV2	26157	37362	1.44%	0.194%
56	18.972	2717	2720	2724	rVB2	19814	23650	0.91%	0.123%
57	19.054	2729	2734	2739	rBV2	63082	118708	4.58%	0.618%
58	19.148	2747	2750	2753	rVB	17041	21226	0.82%	0.110%
59	19.195	2753	2758	2765	rBV3	44296	88430	3.41%	0.460%
60	19.318	2770	2779	2785	rBV	651862	915859	35.34%	4.768%
61	19.377	2786	2789	2792	rBV2	21163	27771	1.07%	0.145%
62	19.418	2792	2796	2801	rVV5	19041	29806	1.15%	0.155%
63	19.465	2802	2804	2807	rVB2	13445	13996	0.54%	0.073%
64	19.518	2810	2813	2816	rVV3	14921	16464	0.64%	0.086%
65	19.559	2817	2820	2823	rVV	18689	20893	0.81%	0.109%
66	19.653	2830	2836	2838	rBV2	513368	778430	30.04%	4.052%
67	19.683	2838	2841	2848	rVB	606907	810349	31.27%	4.218%
68	19.753	2848	2853	2856	rBV2	42578	71928	2.78%	0.374%
69	19.783	2856	2858	2863	rVV	66193	79522	3.07%	0.414%
70	19.859	2867	2871	2877	rVV	33818	64871	2.50%	0.338%
71	19.918	2877	2881	2885	rVB3	30491	49181	1.90%	0.256%
72	20.006	2890	2896	2902	rBV3	58609	150717	5.82%	0.785%
73	20.141	2914	2919	2921	rBV5	40463	70529	2.72%	0.367%
74	20.170	2921	2924	2931	rVB2	105555	166896	6.44%	0.869%
75	20.276	2938	2942	2947	rBV2	54592	99537	3.84%	0.518%
76	20.335	2947	2952	2956	rVB2	73507	111566	4.30%	0.581%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061414.D
Acq On : 1 Jun 2024 5:51
Operator : MA/JU
Sample : P2549-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH619

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	20.417	2962	2966	2972	rBV5	15819	26753	1.03%	0.139%
78	20.470	2972	2975	2979	rVV	62102	78144	3.02%	0.407%
79	20.517	2979	2983	2987	rVV2	56263	75441	2.91%	0.393%
80	20.570	2987	2992	2995	rVV3	41230	61947	2.39%	0.322%
81	20.729	3015	3019	3023	rBV	60496	85361	3.29%	0.444%
82	20.928	3049	3053	3060	rVB	78918	118706	4.58%	0.618%
83	21.105	3078	3083	3086	rBV3	61963	103680	4.00%	0.540%
84	21.146	3087	3090	3093	rVV	55301	86193	3.33%	0.449%
85	21.193	3093	3098	3103	rVV3	84404	206505	7.97%	1.075%
86	21.251	3105	3108	3115	rVB	80740	131205	5.06%	0.683%
87	21.404	3130	3134	3139	rVB	186477	236112	9.11%	1.229%
88	21.510	3144	3152	3157	rVV2	516783	1296619	50.03%	6.750%
89	21.557	3157	3160	3171	rVB	340346	528354	20.39%	2.750%
90	21.704	3181	3185	3190	rBV	57368	89951	3.47%	0.468%
91	21.904	3215	3219	3226	rBV3	42206	74640	2.88%	0.389%
92	22.286	3280	3284	3293	rBV4	65270	137018	5.29%	0.713%
93	22.479	3313	3317	3321	rBV3	38837	65677	2.53%	0.342%
94	23.631	3504	3513	3519	rBV	261921	807334	31.15%	4.203%
95	23.872	3548	3554	3563	rVB2	44645	115921	4.47%	0.603%
96	24.318	3622	3630	3635	rBV	138000	370157	14.28%	1.927%
97	24.389	3636	3642	3648	rVV2	245666	635599	24.52%	3.309%
98	24.454	3648	3653	3664	rVB	217560	556632	21.48%	2.898%
99	24.600	3669	3678	3686	rBV	268010	726914	28.05%	3.784%
100	28.096	4265	4273	4274	rBV2	78732	152129	5.87%	0.792%

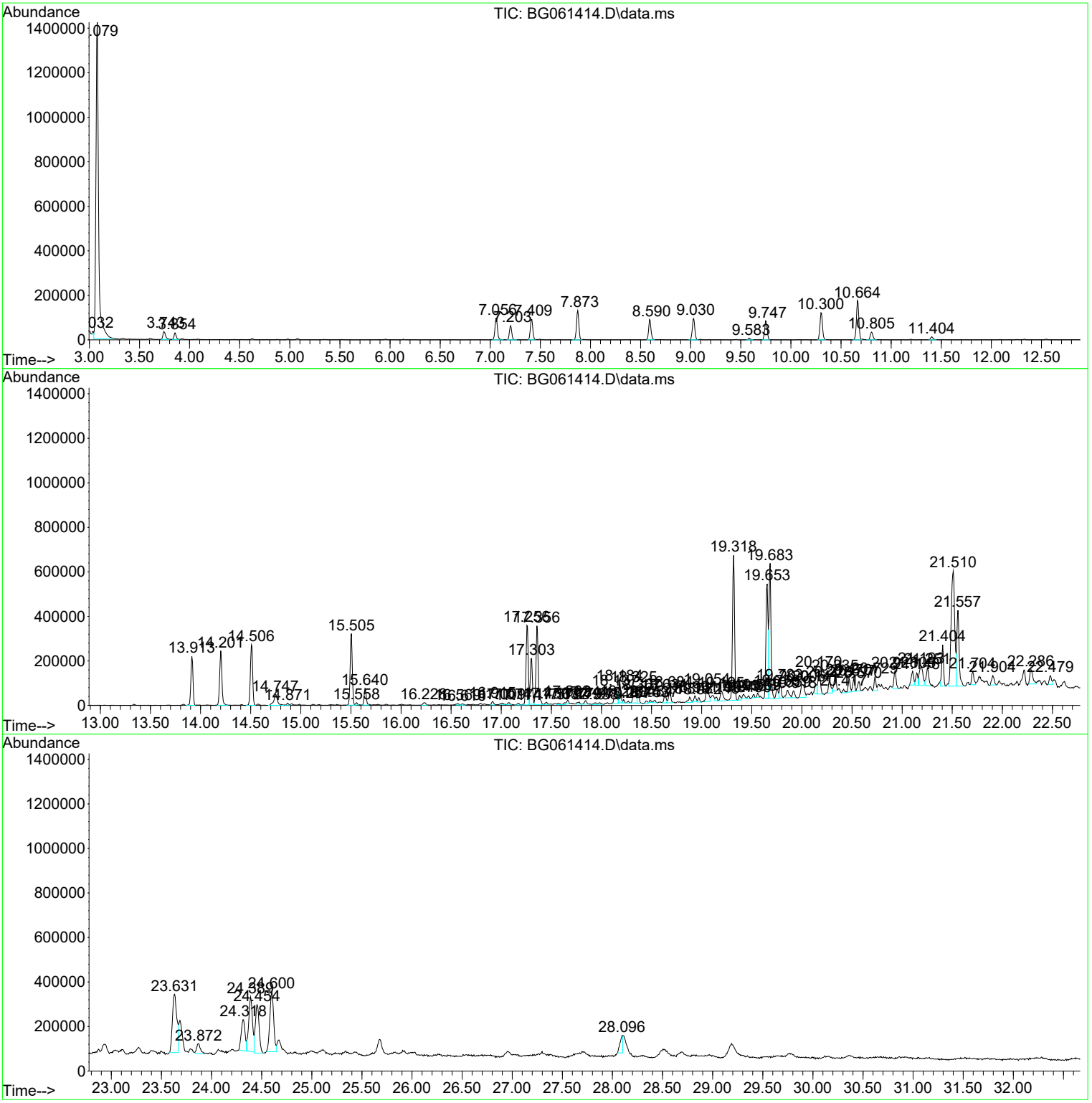
Sum of corrected areas: 19210430

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061414.D
Acq On : 1 Jun 2024 5:51
Operator : MA/JU
Sample : P2549-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH619

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\BG053124\
Data File : BG061414.D
Acq On : 1 Jun 2024 5:51
Operator : MA/JU
Sample : P2549-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH619

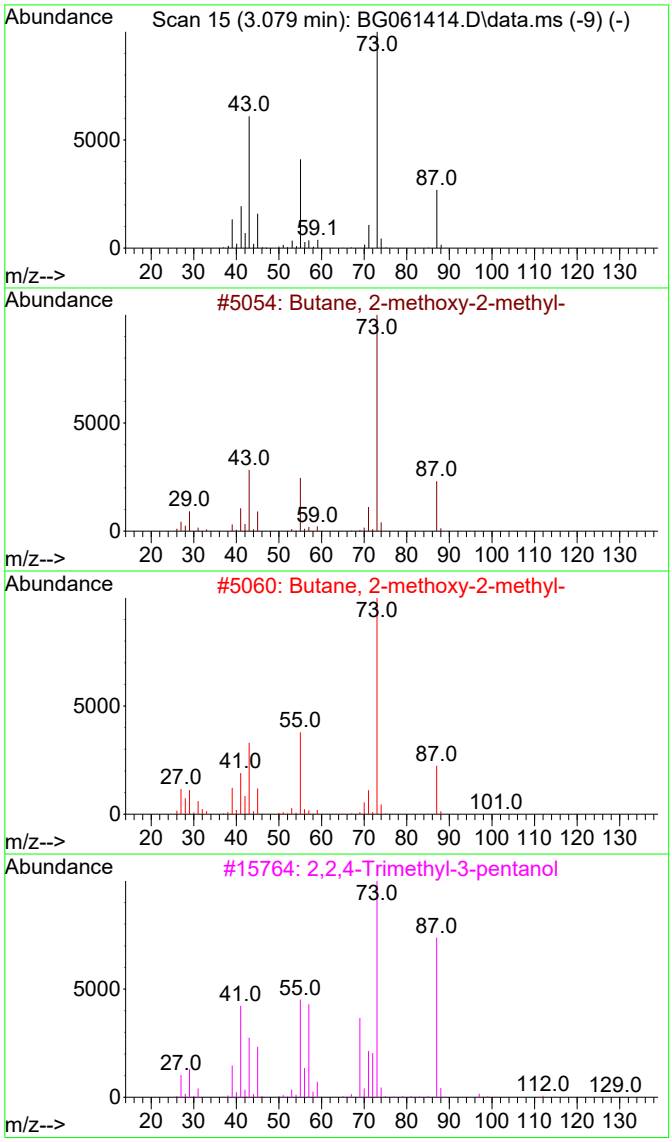
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

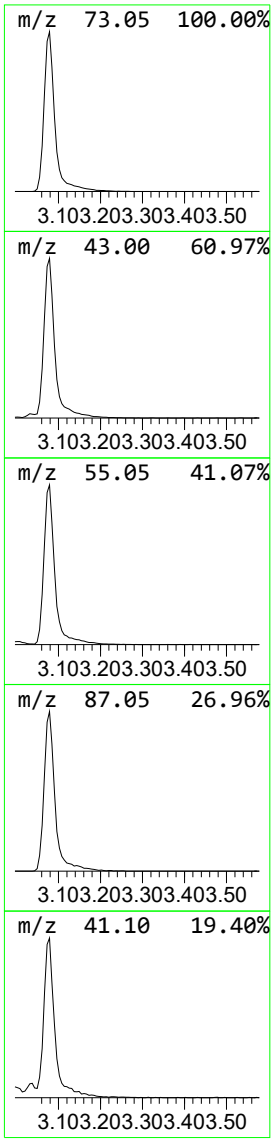
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.079	238.65 ng/ul	2591720	1,4-Dichlorobenzene-d4	7.873

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	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	37
5	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061414.D
Acq On : 1 Jun 2024 5:51
Operator : MA/JU
Sample : P2549-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH619

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

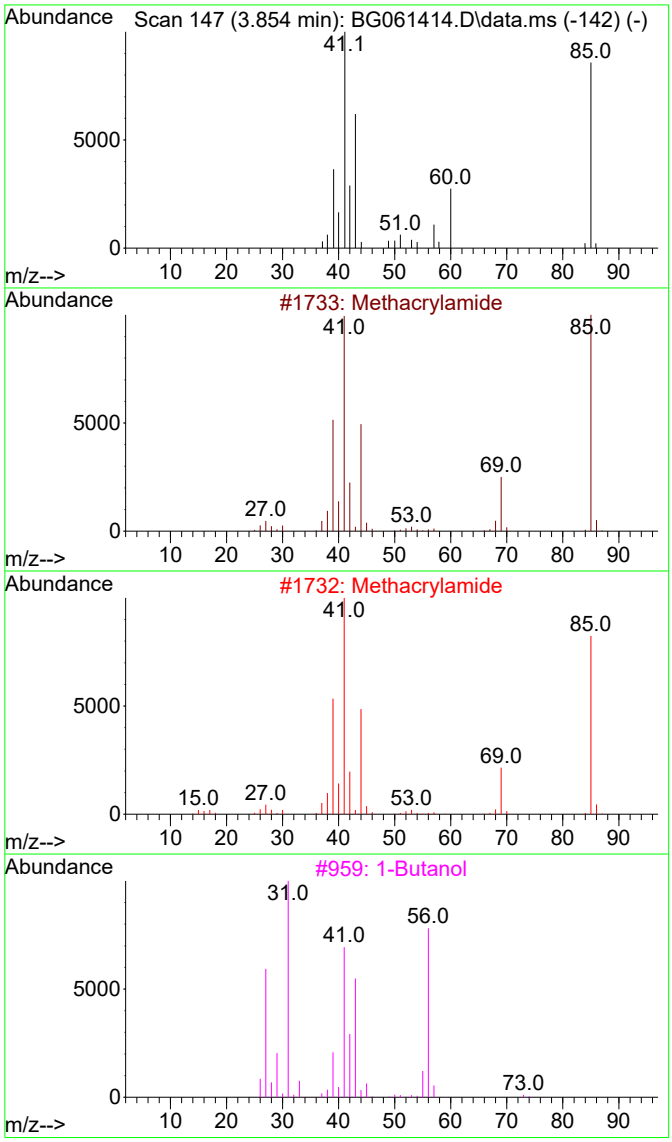
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

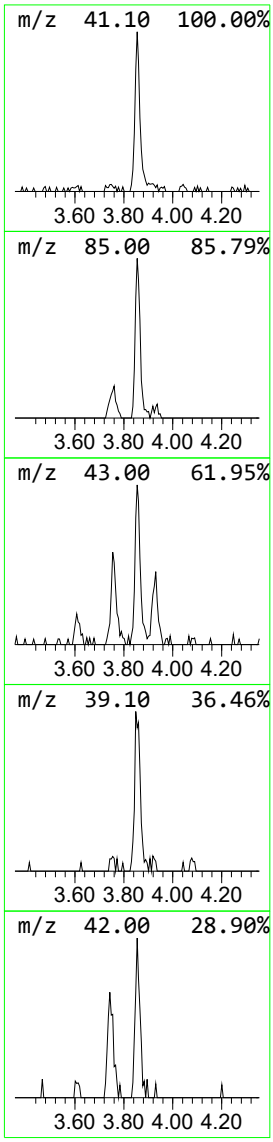
****

Peak Number 2 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.854	4.06 ng/ul	44086	1,4-Dichlorobenzene-d4	7.873

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	28
2	Methacrylamide	85	C4H7NO	000079-39-0	9
3	1-Butanol	74	C4H10O	000071-36-3	9
4	Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	9
5	Azetidine, 1-nitroso-	86	C3H6N2O	015216-10-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061414.D
Acq On : 1 Jun 2024 5:51
Operator : MA/JU
Sample : P2549-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH619

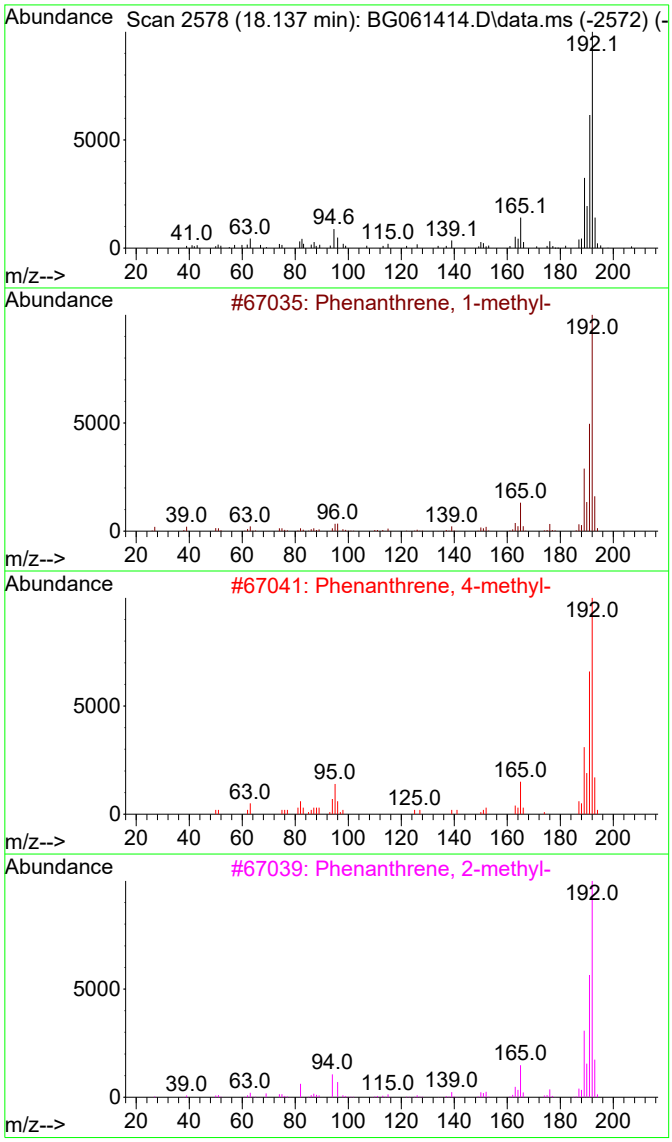
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

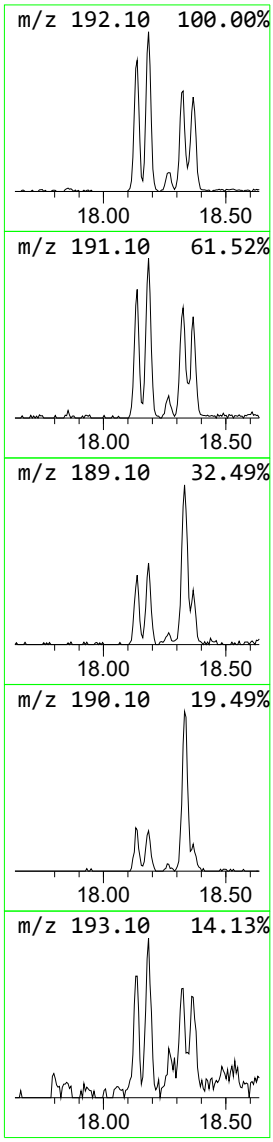
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.137	5.29 ng/ul	145903	Phenanthrene-d10	17.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061414.D
Acq On : 1 Jun 2024 5:51
Operator : MA/JU
Sample : P2549-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH619

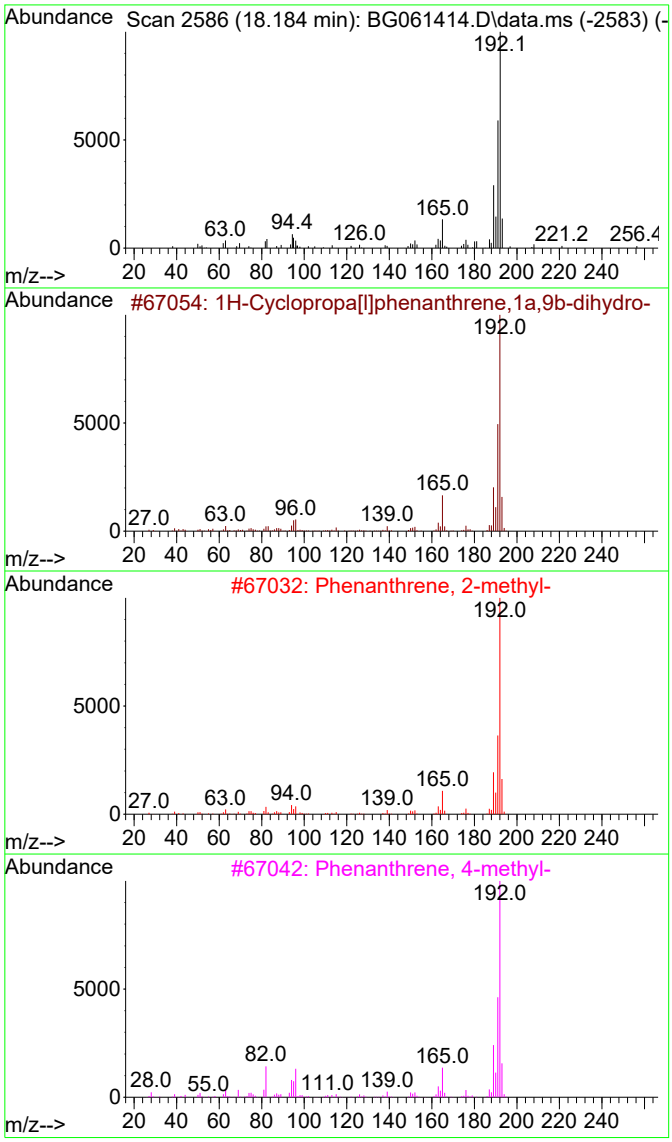
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

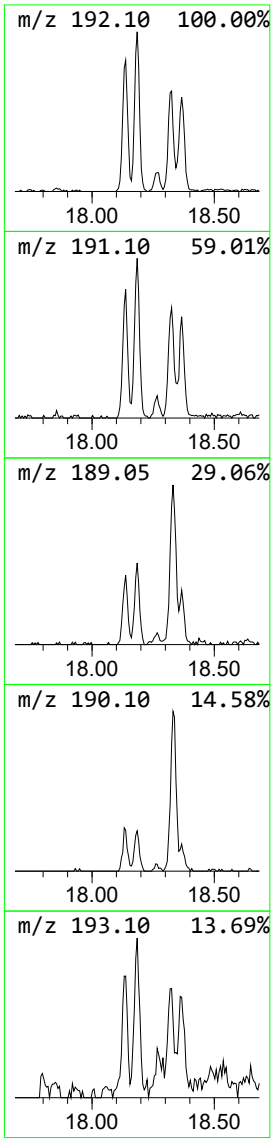
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.184	4.33 ng/ul	119376	Phenanthrene-d10	17.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061414.D
Acq On : 1 Jun 2024 5:51
Operator : MA/JU
Sample : P2549-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH619

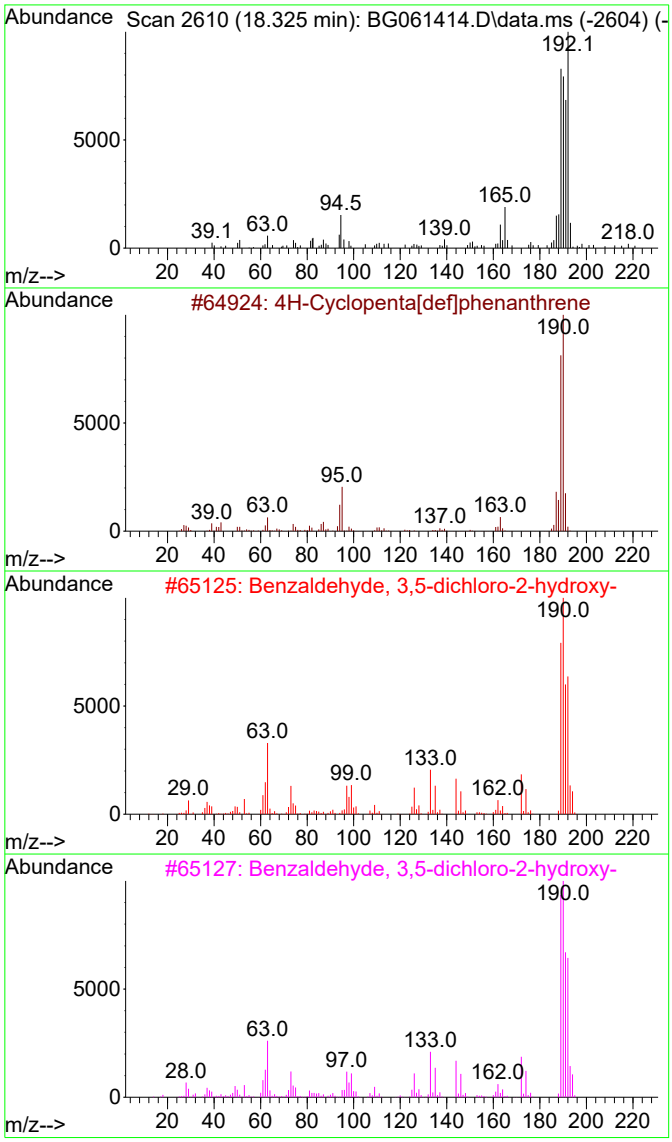
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

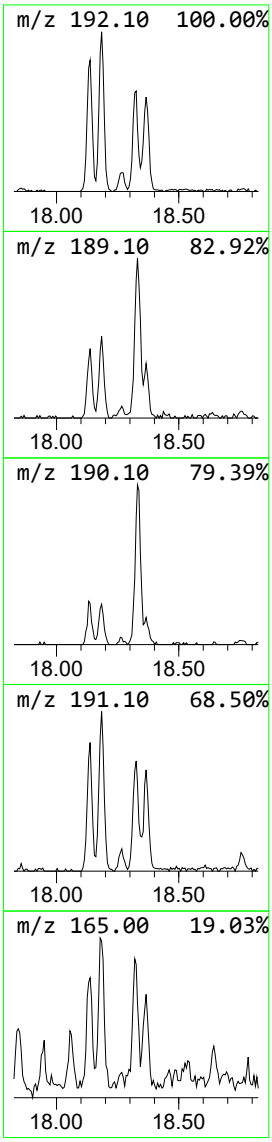
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.326	5.24 ng/ul	144691	Phenanthrene-d10	17.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46





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Acq On : 1 Jun 2024 5:51
Operator : MA/JU
Sample : P2549-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH619

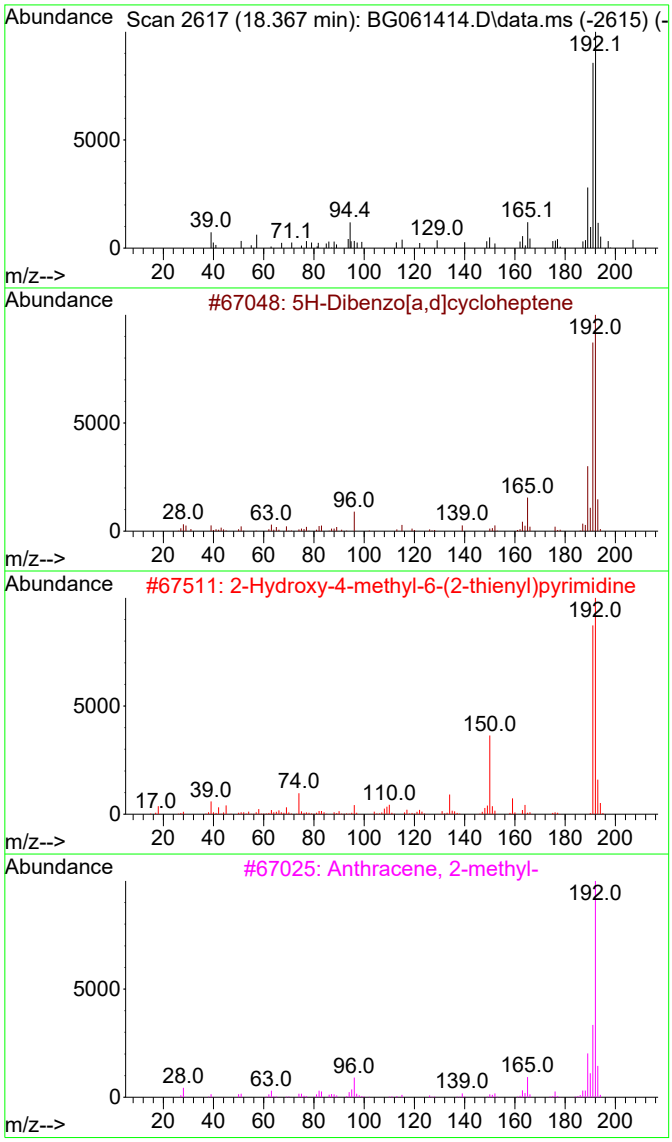
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

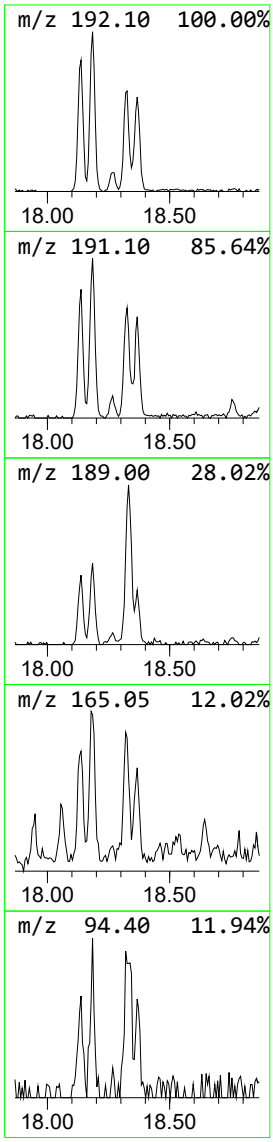
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 5H-Dibenzo[a,d]cycloheptene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.367	2.01 ng/ul	55405	Phenanthrene-d10	17.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	81
2	2-Hydroxy-4-methyl-6-(2-thienyl)...	192	C9H8N2OS	026963-45-1	64
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	55
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	53
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	52





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Acq On : 1 Jun 2024 5:51
Operator : MA/JU
Sample : P2549-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH619

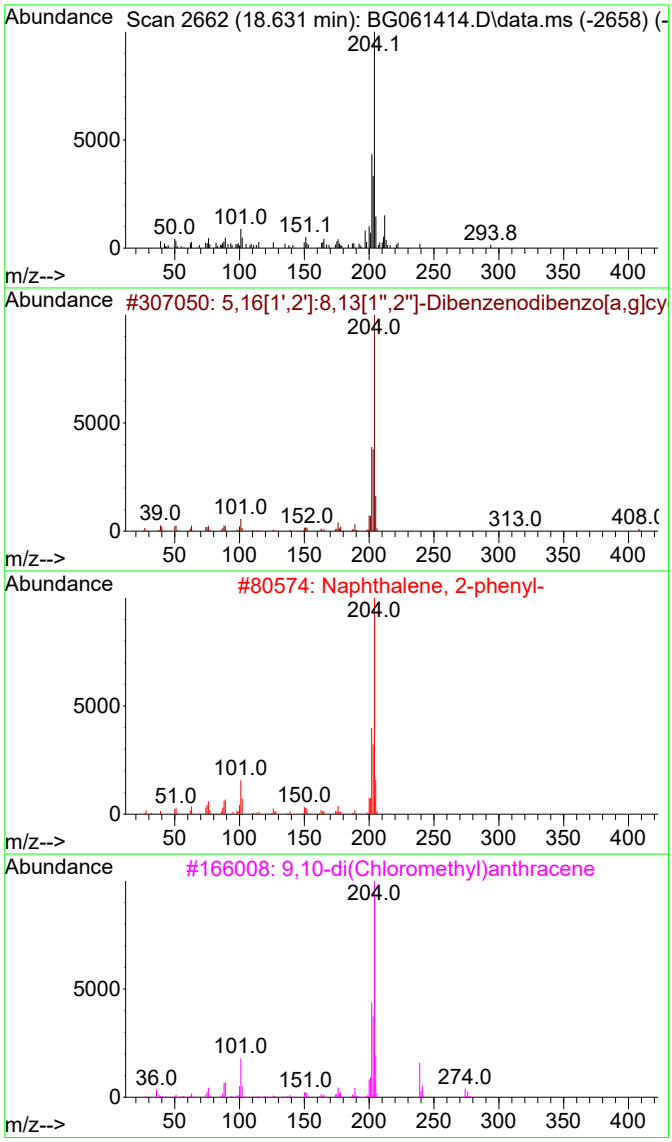
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

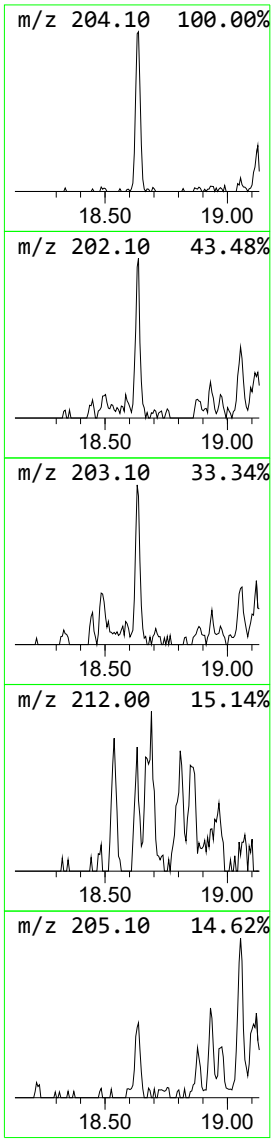
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.631	2.29 ng/ul	63331	Phenanthrene-d10	17.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	56
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	55
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53





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Sample : P2549-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

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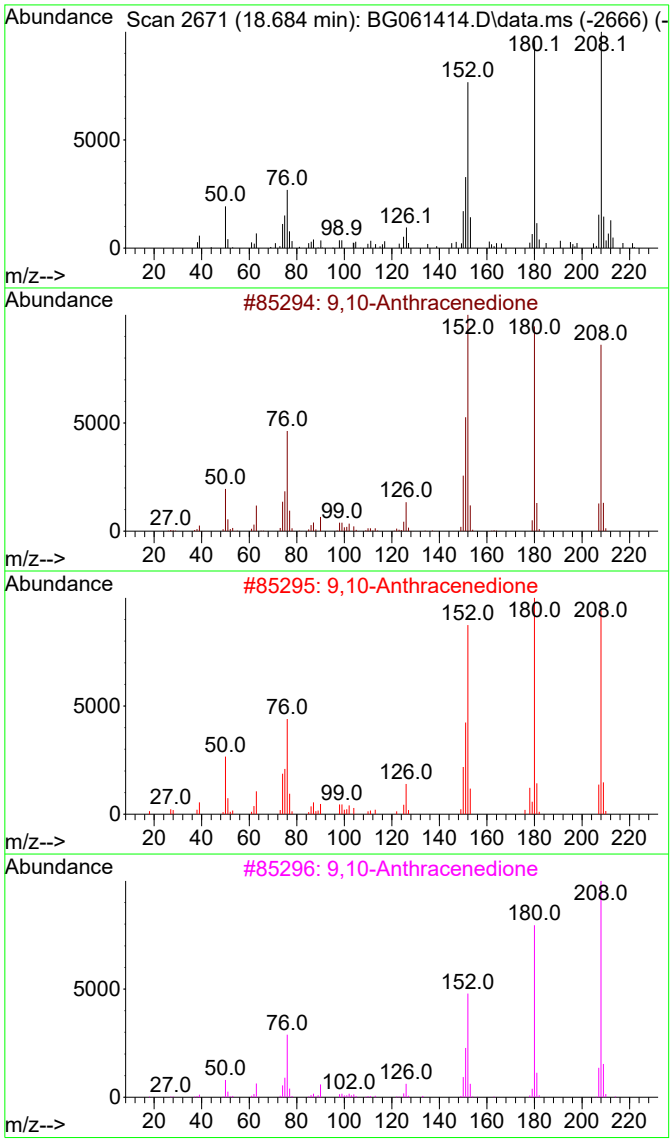
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

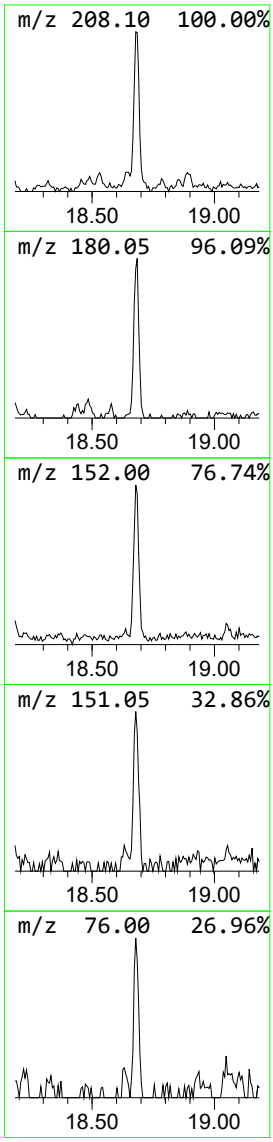
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.684	3.27 ng/ul	90194	Phenanthrene-d10	17.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	83
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	81





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Acq On : 1 Jun 2024 5:51
Operator : MA/JU
Sample : P2549-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH619

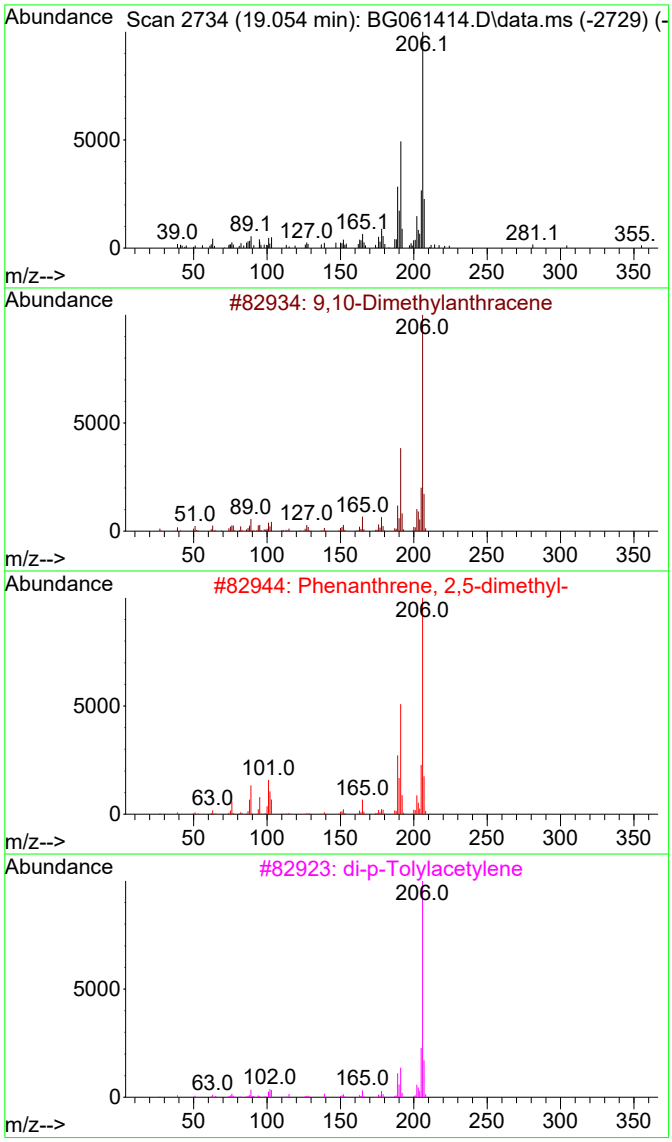
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

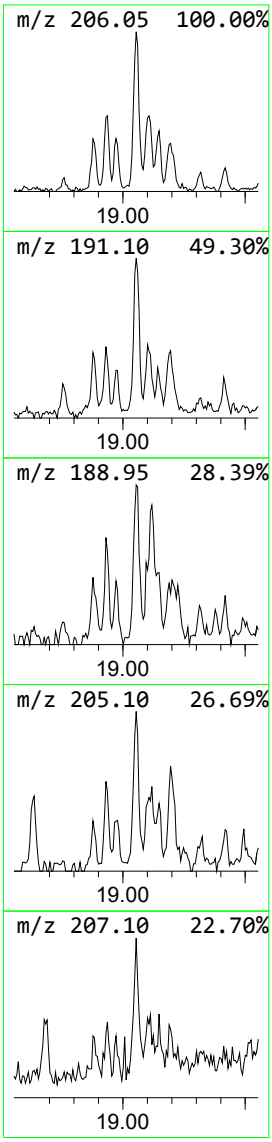
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 9,10-Dimethylanthracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.054	4.30 ng/ul	118708	Phenanthrene-d10	17.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	90





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Data File : BG061414.D
Acq On : 1 Jun 2024 5:51
Operator : MA/JU
Sample : P2549-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH619

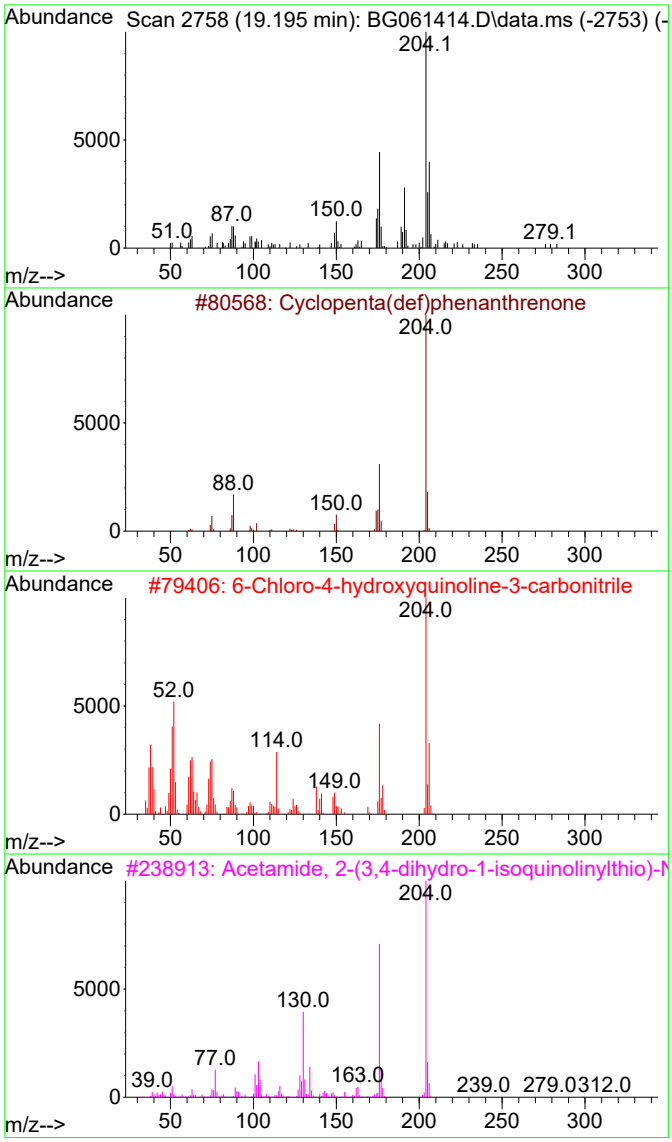
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

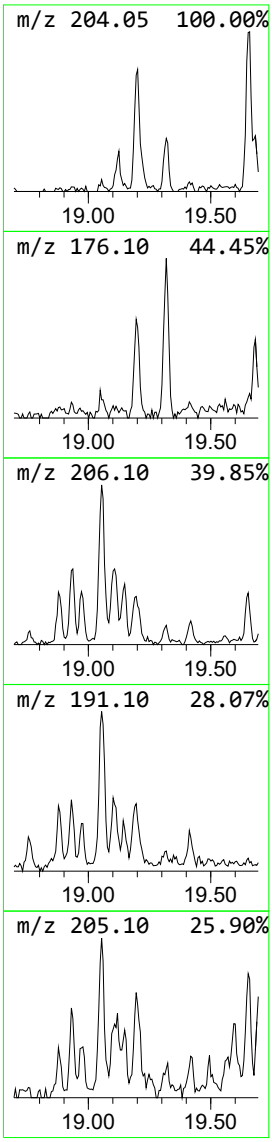
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.195	3.20 ng/ul	88430	Phenanthrene-d10	17.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
2	6-Chloro-4-hydroxyquinoline-3-ca...	204	C10H5ClN2O	1000435-79-8	53
3	Acetamide, 2-(3,4-dihydro-1-isoq...	332	C17H14F2N2OS	1000270-76-1	47
4	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	46
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43





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Acq On : 1 Jun 2024 5:51
Operator : MA/JU
Sample : P2549-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

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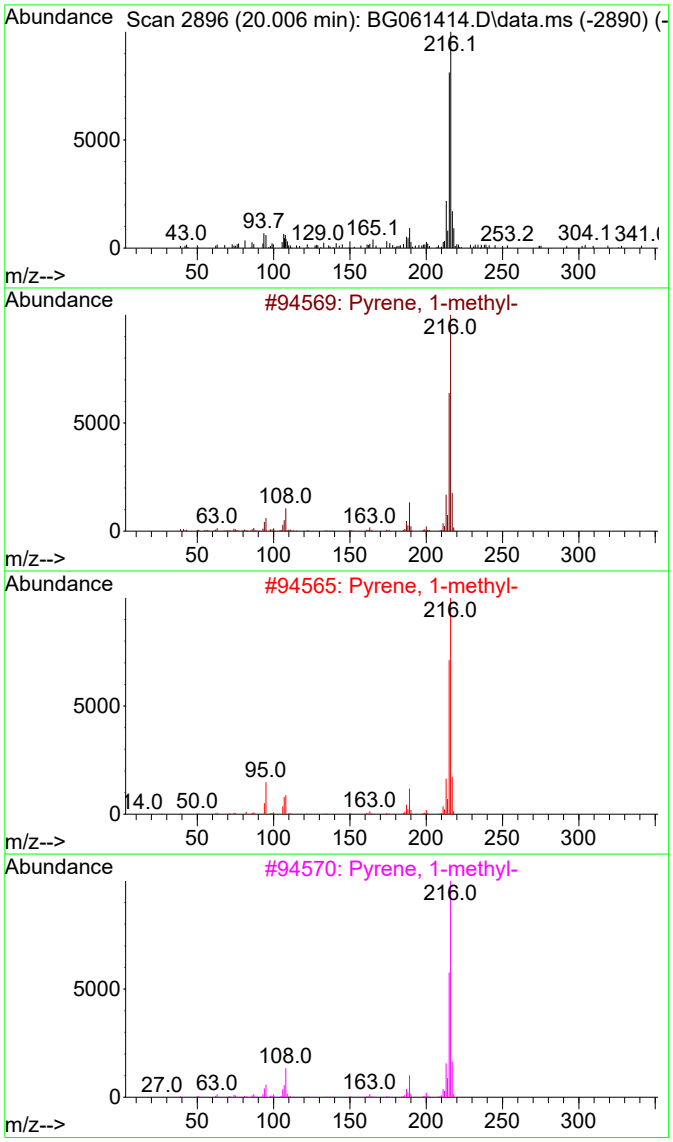
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

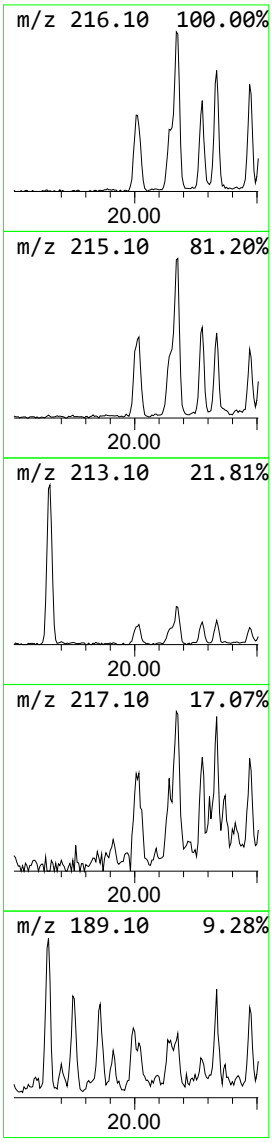
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.006	2.32 ng/ul	150717	Chrysene-d12	21.516

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	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Data File : BG061414.D
Acq On : 1 Jun 2024 5:51
Operator : MA/JU
Sample : P2549-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH619

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

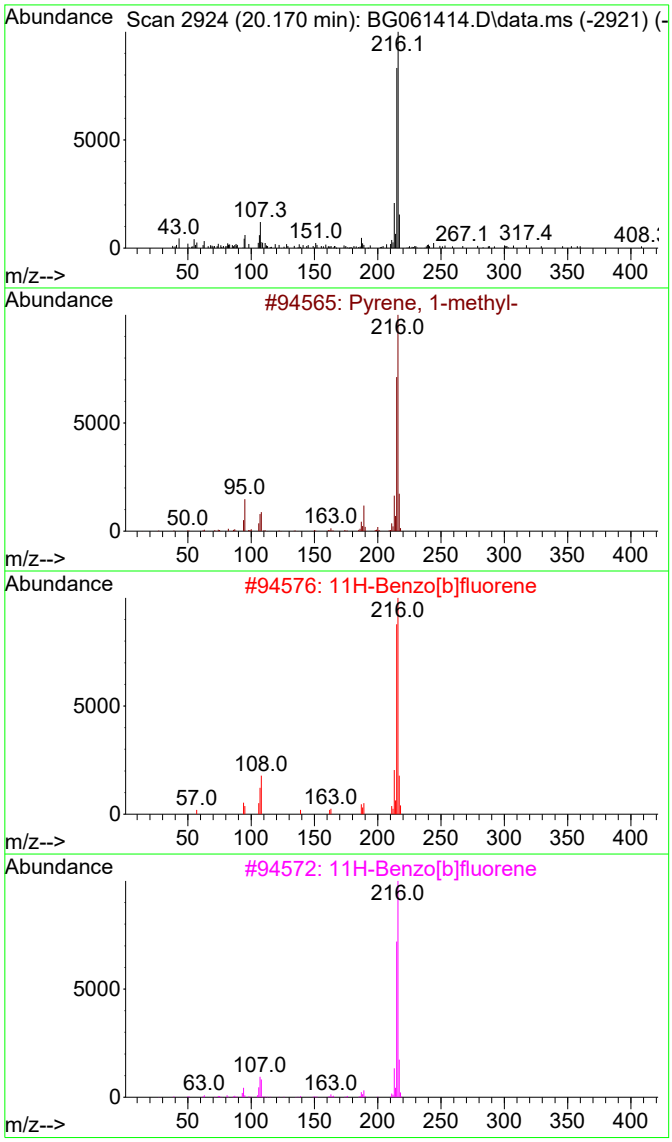
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

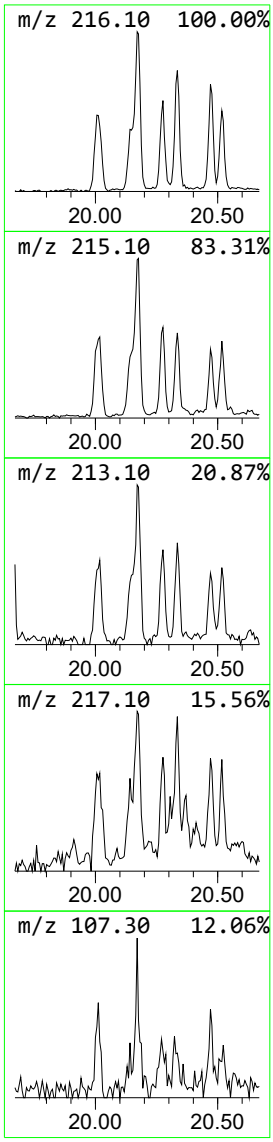
****

Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.170	2.57 ng/ul	166896	Chrysene-d12	21.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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Acq On : 1 Jun 2024 5:51
Operator : MA/JU
Sample : P2549-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH619

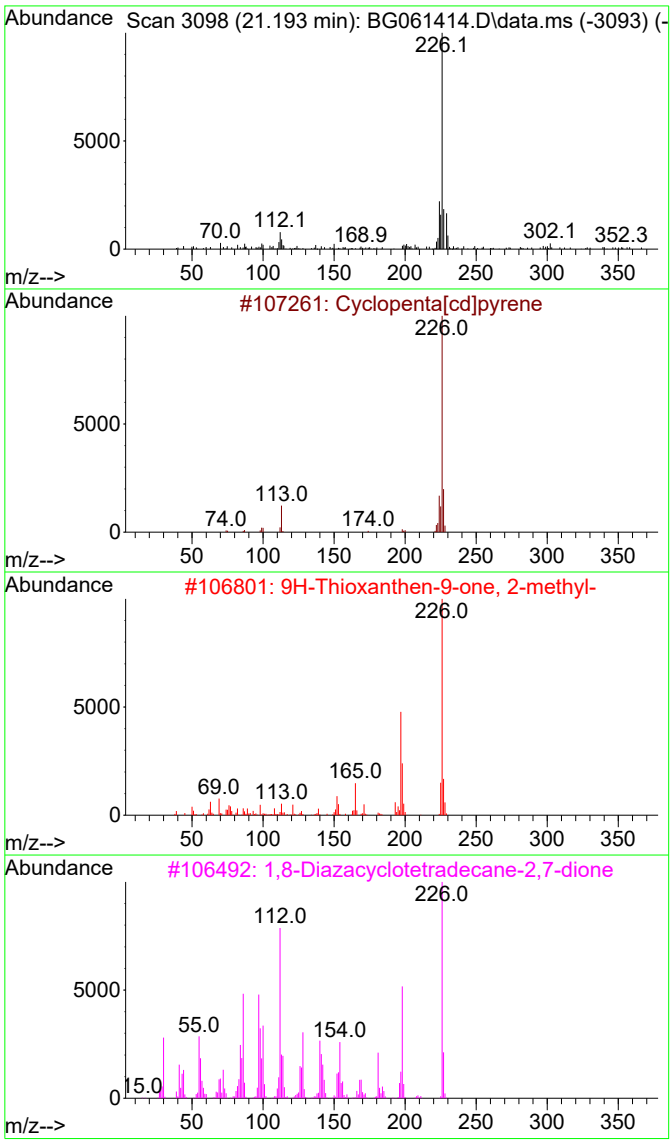
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

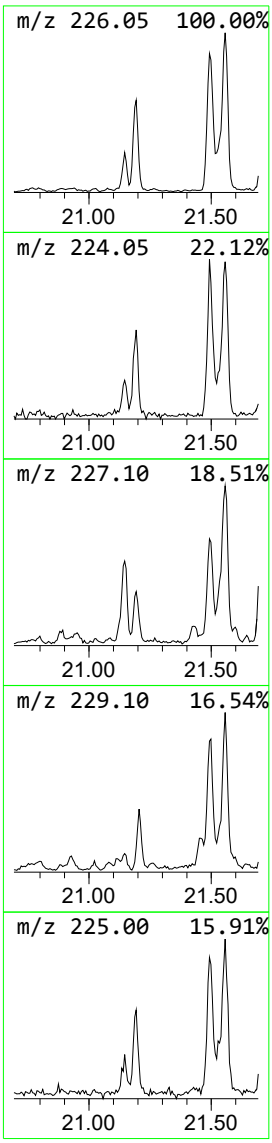
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta[cd]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.193	3.19 ng/ul	206505	Chrysene-d12	21.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	70
2	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	50
3	1,8-Diazacyclotetradecane-2,7-dione	226	C12H22N2O2	004266-66-4	49
4	Silane, dimethyl(2-nitrophenoxy)...	241	C10H15NO4Si	1000347-22-6	47
5	9H-Pyrido[3,4-b]indole, 7-methox...	226	C14H14N2O	143502-37-8	47





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Sample : P2549-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH619

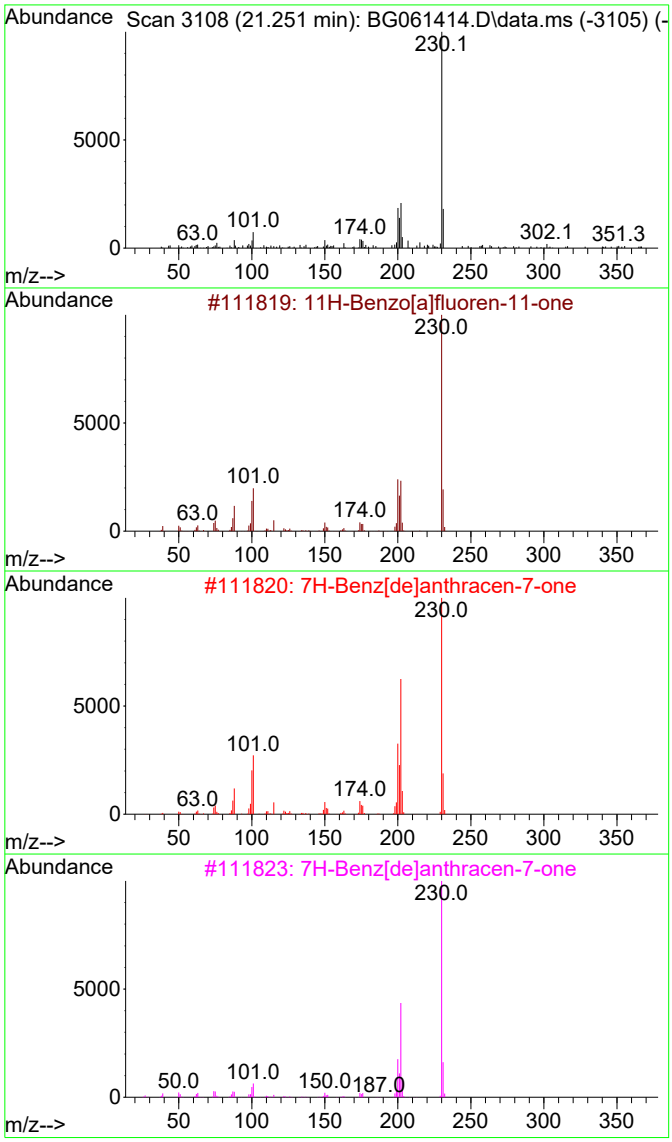
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

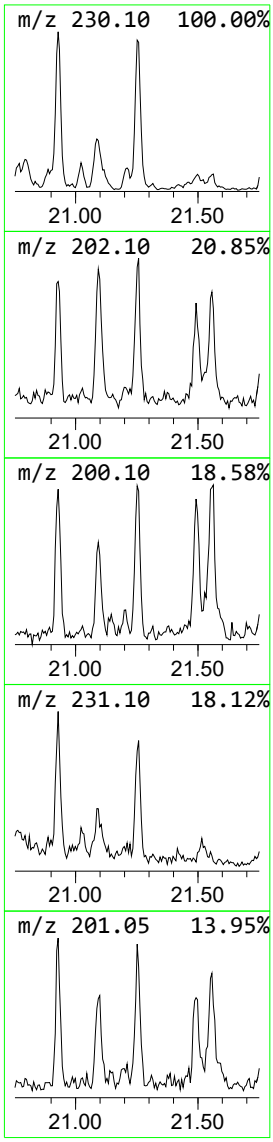
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.251	2.02 ng/ul	131205	Chrysene-d12	21.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	68
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	59





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Sample : P2549-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

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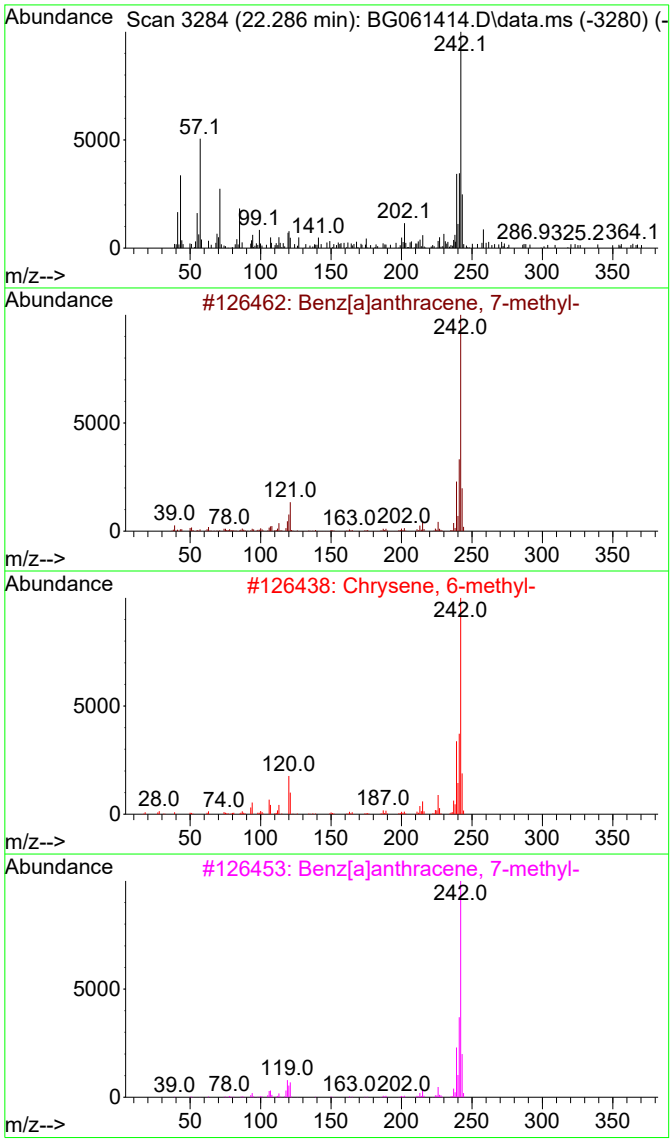
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

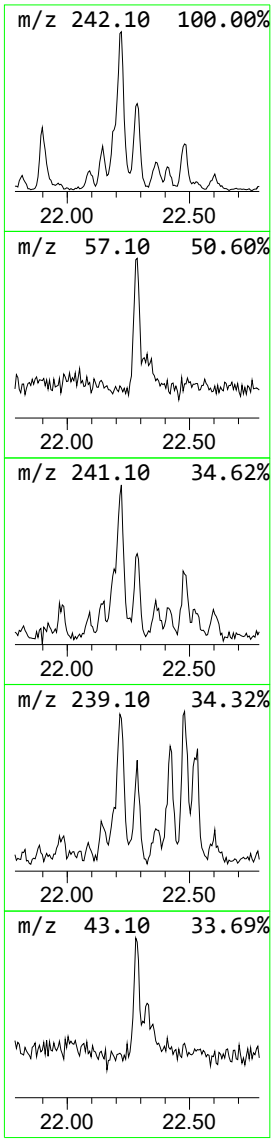
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benz[a]anthracene, 7-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.285	2.11 ng/ul	137018	Chrysene-d12	21.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	89
2	Chrysene, 6-methyl-	242	C19H14	001705-85-7	86
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	76
4	2-Methylchrysene	242	C19H14	003351-32-4	70
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	70





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Sample : P2549-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BH619

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

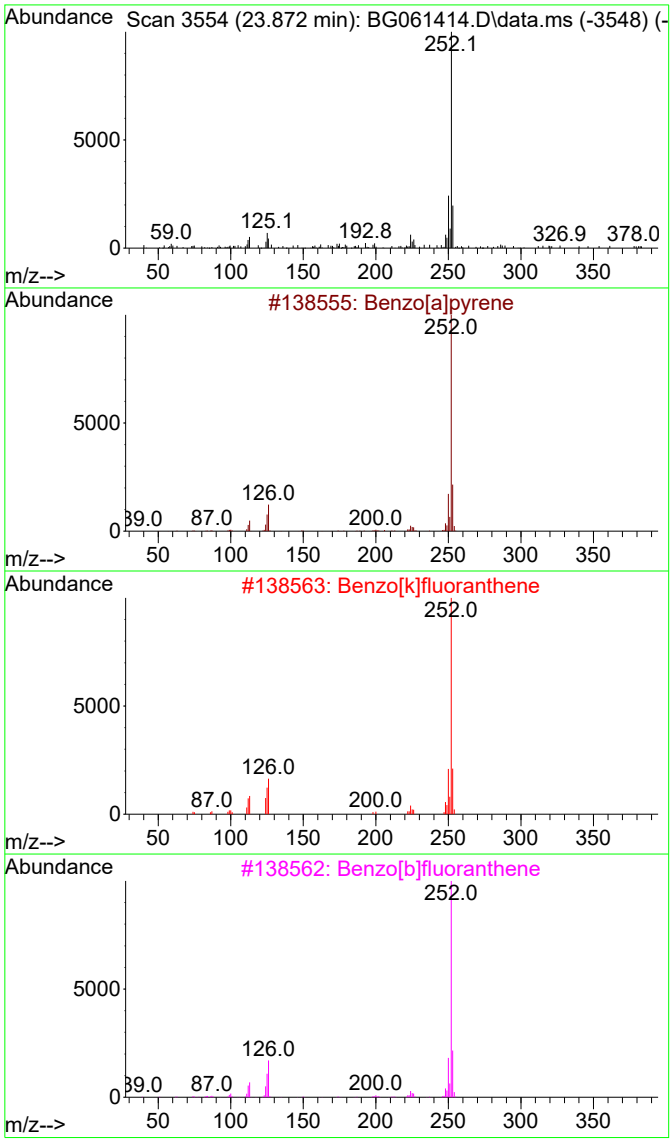
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

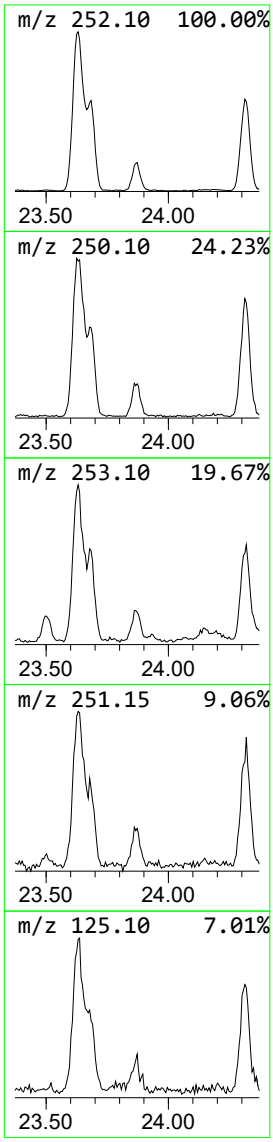
****

Peak Number 16 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.872	3.19 ng/ul	115921	Perylene-d12	24.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	81
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	74
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	74
5	Benzo[e]pyrene	252	C20H12	000192-97-2	74





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Acq On : 1 Jun 2024 5:51
Operator : MA/JU
Sample : P2549-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH619

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

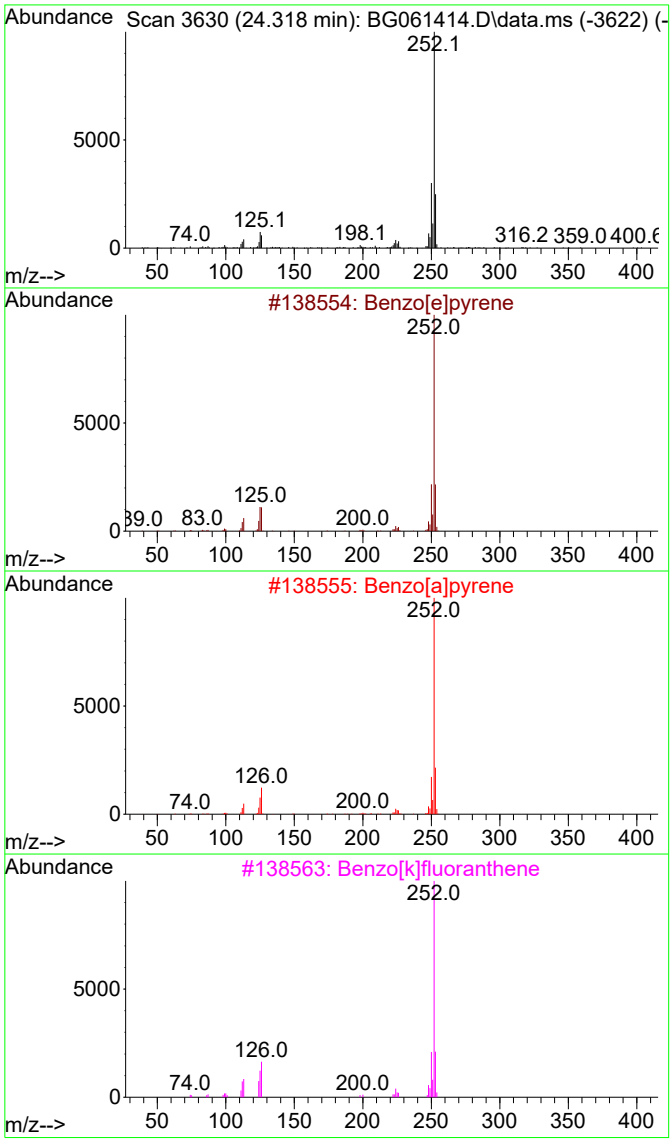
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

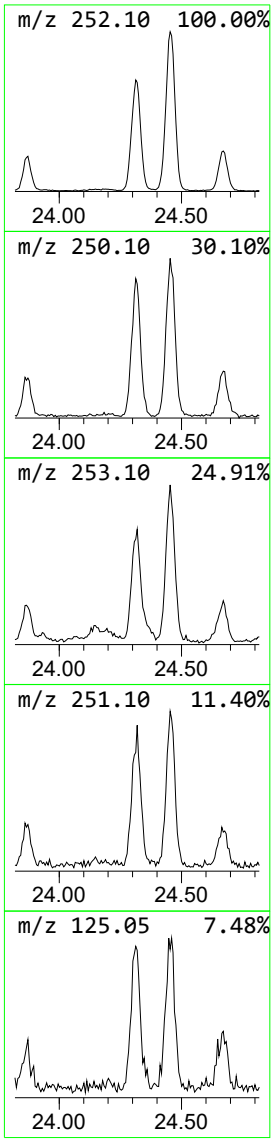
****

Peak Number 17 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.318	10.18 ng/ul	370157	Perylene-d12	24.600

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053124\
Data File : BG061414.D
Acq On : 1 Jun 2024 5:51
Operator : MA/JU
Sample : P2549-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH619

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...	3.079	238.7	ng/ul	2591720	1	7.873	217198	20.0
unknown-01	3.854	4.1	ng/ul	44086	1	7.873	217198	20.0
Phenanthrene, 1...	18.137	5.3	ng/ul	145903	4	17.256	551935	20.0
1H-Cyclopropa[l...	18.184	4.3	ng/ul	119376	4	17.256	551935	20.0
4H-Cyclopenta[d...	18.326	5.2	ng/ul	144691	4	17.256	551935	20.0
5H-Dibenzo[a,d]...	18.367	2.0	ng/ul	55405	4	17.256	551935	20.0
5,16[1',2']:8,1...	18.631	2.3	ng/ul	63331	4	17.256	551935	20.0
9,10-Anthracene...	18.684	3.3	ng/ul	90194	4	17.256	551935	20.0
9,10-Dimethylan...	19.054	4.3	ng/ul	118708	4	17.256	551935	20.0
Cyclopenta(def)...	19.195	3.2	ng/ul	88430	4	17.256	551935	20.0
Pyrene, 1-methyl-	20.006	2.3	ng/ul	150717	5	21.516	1296620	20.0
11H-Benzo[b]flu...	20.170	2.6	ng/ul	166896	5	21.516	1296620	20.0
Cyclopenta[cd]p...	21.193	3.2	ng/ul	206505	5	21.516	1296620	20.0
11H-Benzo[a]flu...	21.251	2.0	ng/ul	131205	5	21.516	1296620	20.0
Benz[a]anthrace...	22.285	2.1	ng/ul	137018	5	21.516	1296620	20.0
Benzo[e]pyrene	23.872	3.2	ng/ul	115921	6	24.600	726914	20.0
unknown-02	24.318	10.2	ng/ul	370157	6	24.600	726914	20.0