LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061477.D
Acq On : 5 Jun 2024 6:36
Operator : MA/JU
Sample : P2549-13DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH629DL

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: BG061477.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.075	9	15	40	rVB	725634	1258287	87.07%	6.706%
2	3.745	124	129	138	rBV2	33077	60086	4.16%	0.320%
3	3.851	143	147	153	rVV2	14936	23180	1.60%	0.124%
4	7.065	688	694	705	rBV	58858	100258	6.94%	0.534%
5	7.200	712	717	725	rBV2	35620	59281	4.10%	0.316%
6	7.411	746	753	760	rBV2	59024	95770	6.63%	0.510%
7	7.875	825	832	838	rBV	133579	223356	15.46%	1.190%
8	8.592	949	954	966	rVB2	70479	122643	8.49%	0.654%
9	9.033	1022	1029	1039	rBB	62350	105601	7.31%	0.563%
10	9.756	1145	1152	1158	rVB	53146	92297	6.39%	0.492%
11	10.308	1239	1246	1256	rBV2	76767	135490	9.38%	0.722%
12	10.666	1300	1307	1313	rBV	182070	315478	21.83%	1.681%
13	10.807	1325	1331	1342	rVB	45619	80757	5.59%	0.430%
14	13.915	1851	1860	1866	rVB	143651	203499	14.08%	1.085%
15	14.203	1902	1909	1923	rVB2	153905	238286	16.49%	1.270%
16	14.509	1954	1961	1967	rVV	304572	447898	30.99%	2.387%
17	14.573	1967	1972	1980	rVB	30649	44887	3.11%	0.239%
18	14.761	1999	2004	2012	rBV3	27908	56384	3.90%	0.301%
19	14.908	2025	2029	2036	rVV	21491	32285	2.23%	0.172%
20	15.508	2123	2131	2136	rVV	183419	283966	19.65%	1.513%
21	15.560	2136	2140	2150	rVB2	33505	48693	3.37%	0.260%
22	15.654	2151	2156	2165	rVV3	36354	65862	4.56%	0.351%
23	15.854	2186	2190	2195	rVB	10033	15242	1.05%	0.081%
24	16.001	2208	2215	2224	rVV2	11280	22066	1.53%	0.118%
25	16.794	2341	2350	2354	rVV4	7374	16065	1.11%	0.086%
26	16.918	2366	2371	2377	rVV4	24901	39350	2.72%	0.210%
27	17.012	2379	2387	2391	rVV6	10541	24967	1.73%	0.133%
28	17.076	2394	2398	2405	rVB	21224	33964	2.35%	0.181%
29	17.264	2421	2430	2433	rBV	370698	580941	40.20%	3.096%
30	17.305	2433	2437	2442	rVV	488282	704974	48.78%	3.757%
31	17.358	2442	2446	2450	rVV2	230545	342963	23.73%	1.828%
32	17.394	2450	2452	2458	rVV	89255	108683	7.52%	0.579%
33	17.452	2458	2462	2467	rVB4	12227	20832	1.44%	0.111%
34	17.664	2490	2498	2503	rBV2	44134	81769	5.66%	0.436%
35	17.776	2511	2517	2521	rVB4	8570	13804	0.96%	0.074%
36	17.840	2525	2528	2532	rBV3	10842	16868	1.17%	0.090%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061477.D
Acq On : 5 Jun 2024 6:36
Operator : MA/JU
Sample : P2549-13DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH629DL

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	18.134	2572	2578	2583	rBV	62215	102138	7.07%	0.544%
38	18.187	2583	2587	2595	rVV	93674	136025	9.41%	0.725%
39	18.269	2596	2601	2605	rVB	24830	35026	2.42%	0.187%
40	18.334	2605	2612	2616	rBV2	86455	166715	11.54%	0.889%
41	18.369	2616	2618	2623	rVB	45788	56556	3.91%	0.301%
42	18.639	2659	2664	2668	rVV	47977	71660	4.96%	0.382%
43	18.686	2668	2672	2679	rVB2	52936	77426	5.36%	0.413%
44	18.886	2702	2706	2710	rVV4	26815	36806	2.55%	0.196%
45	18.933	2711	2714	2717	rVB3	15504	17578	1.22%	0.094%
46	18.974	2717	2721	2725	rVB3	16812	25700	1.78%	0.137%
47	19.056	2725	2735	2742	rBV2	48259	111041	7.68%	0.592%
48	19.121	2742	2746	2748	rVB4	13622	16484	1.14%	0.088%
49	19.197	2754	2759	2766	rVB2	45460	86606	5.99%	0.462%
50	19.321	2773	2780	2786	rVV	892826	1201709	83.15%	6.405%
51	19.380	2786	2790	2793	rVV2	15300	18893	1.31%	0.101%
52	19.415	2793	2796	2800	rVB	24852	30113	2.08%	0.160%
53	19.521	2808	2814	2816	rBV7	18392	29652	2.05%	0.158%
54	19.562	2817	2821	2830	rVB	28241	53387	3.69%	0.285%
55	19.656	2831	2837	2839	rVV2	408671	636035	44.01%	3.390%
56	19.685	2839	2842	2849	rVB	732657	967174	66.92%	5.155%
57	19.756	2849	2854	2856	rBV2	40467	57448	3.98%	0.306%
58	19.785	2856	2859	2865	rVB	88647	109889	7.60%	0.586%
59	19.861	2865	2872	2878	rBV2	45397	78125	5.41%	0.416%
60	19.920	2878	2882	2889	rVB2	41551	68018	4.71%	0.363%
61	20.008	2890	2897	2903	rBV3	56821	148999	10.31%	0.794%
62	20.061	2903	2906	2910	rVV2	13250	16226	1.12%	0.086%
63	20.137	2914	2919	2921	rVV5	41134	69297	4.80%	0.369%
64	20.173	2922	2925	2930	rVB	100281	151584	10.49%	0.808%
65	20.278	2938	2943	2946	rBV	59945	92006	6.37%	0.490%
66	20.337	2949	2953	2957	rVB3	73622	117513	8.13%	0.626%
67	20.414	2963	2966	2971	rVB3	15929	24255	1.68%	0.129%
68	20.478	2973	2977	2980	rVV	46550	59342	4.11%	0.316%
69	20.519	2980	2984	2988	rVV	54296	76741	5.31%	0.409%
70	20.566	2988	2992	2997	rVB3	26530	39542	2.74%	0.211%
71	20.684	3010	3012	3016	rVB5	15650	17276	1.20%	0.092%
72	20.731	3016	3020	3024	rBV3	74126	102868	7.12%	0.548%
73	20.772	3024	3027	3029	rBV4	14230	17032	1.18%	0.091%
74	20.890	3044	3047	3050	rBV5	14487	18781	1.30%	0.100%
75	20.931	3050	3054	3060	rVB	90268	138538	9.59%	0.738%
76	21.107	3077	3084	3088	rBV2	84955	166134	11.50%	0.885%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061477.D
Acq On : 5 Jun 2024 6:36
Operator : MA/JU
Sample : P2549-13DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BH629DL

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	21.148	3088	3091	3094	rVV	78395	111993	7.75%	0.597%
78	21.201	3095	3100	3105	rVV2	79453	184356	12.76%	0.983%
79	21.260	3106	3110	3116	rVB	92438	152863	10.58%	0.815%
80	21.407	3132	3135	3139	rVB	58661	69794	4.83%	0.372%
81	21.512	3145	3153	3158	rBV3	579748	1445178	100.00%	7.703%
82	21.559	3158	3161	3172	rVB	365497	598150	41.39%	3.188%
83	21.706	3182	3186	3193	rBV	56341	89995	6.23%	0.480%
84	21.906	3216	3220	3227	rVB3	46954	93281	6.45%	0.497%
85	21.976	3228	3232	3236	rVB7	21341	35044	2.42%	0.187%
86	22.223	3266	3274	3279	rVV	66403	136823	9.47%	0.729%
87	22.288	3280	3285	3292	rVB4	49326	103508	7.16%	0.552%
88	22.482	3315	3318	3322	rBV2	27788	36972	2.56%	0.197%
89	22.875	3380	3385	3388	rBV5	21198	36886	2.55%	0.197%
90	23.269	3446	3452	3458	rBV6	27094	72115	4.99%	0.384%
91	23.633	3506	3514	3521	rBV	270187	856521	59.27%	4.565%
92	23.874	3550	3555	3563	rVB	46767	103734	7.18%	0.553%
93	24.074	3585	3589	3591	rBV4	13542	20388	1.41%	0.109%
94	24.327	3624	3632	3638	rBV	135639	375755	26.00%	2.003%
95	24.397	3638	3644	3649	rVV2	160324	393532	27.23%	2.097%
96	24.462	3649	3655	3667	rVB	243323	621540	43.01%	3.313%
97	24.609	3670	3680	3687	rBV	281954	791828	54.79%	4.220%
98	24.679	3688	3692	3708	rVB4	63675	187923	13.00%	1.002%
99	28.116	4264	4277	4298	rVB2	92853	461671	31.95%	2.461%
100	29.215	4454	4464	4477	rVB3	51979	219442	15.18%	1.170%

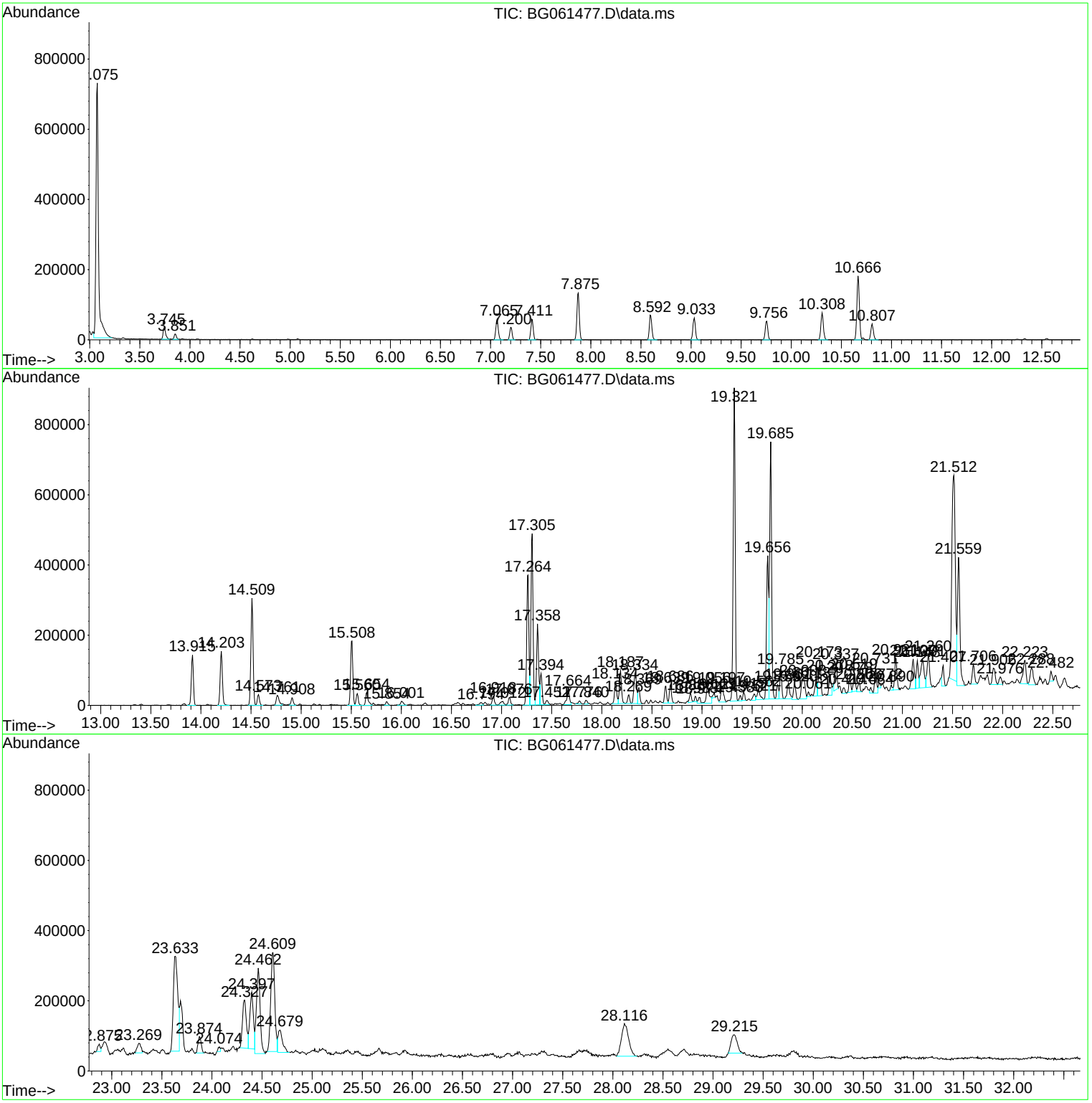
Sum of corrected areas: 18762362

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061477.D
Acq On : 5 Jun 2024 6:36
Operator : MA/JU
Sample : P2549-13DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH629DL

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\BG060424\
Data File : BG061477.D
Acq On : 5 Jun 2024 6:36
Operator : MA/JU
Sample : P2549-13DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH629DL

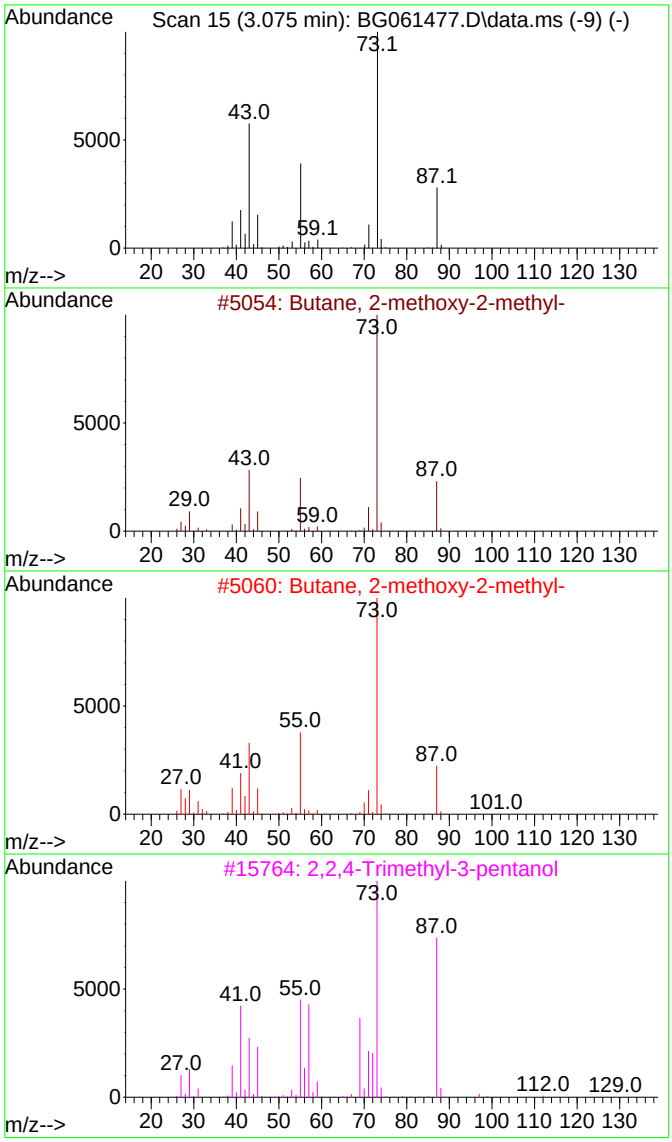
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

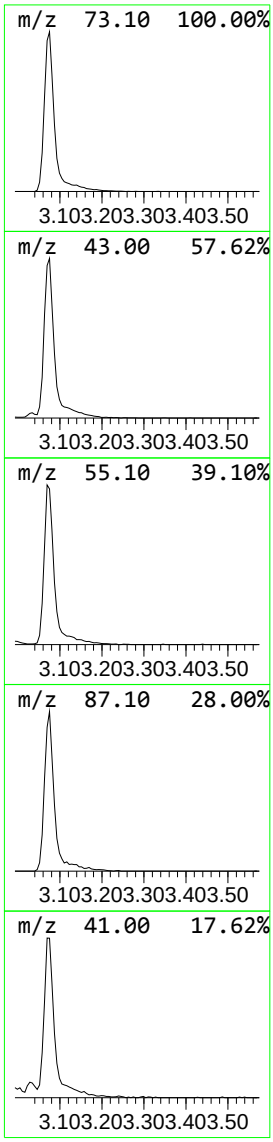
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.075	112.67 ng/ul	1258290	1,4-Dichlorobenzene-d4	7.875

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	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	25
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061477.D
Acq On : 5 Jun 2024 6:36
Operator : MA/JU
Sample : P2549-13DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH629DL

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

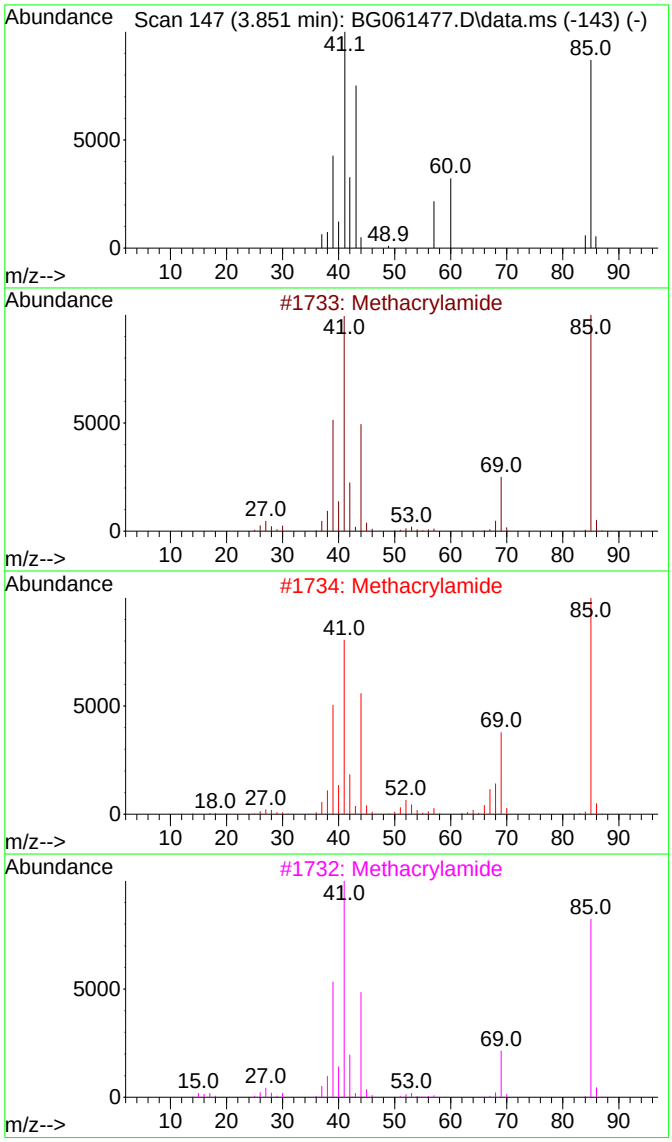
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

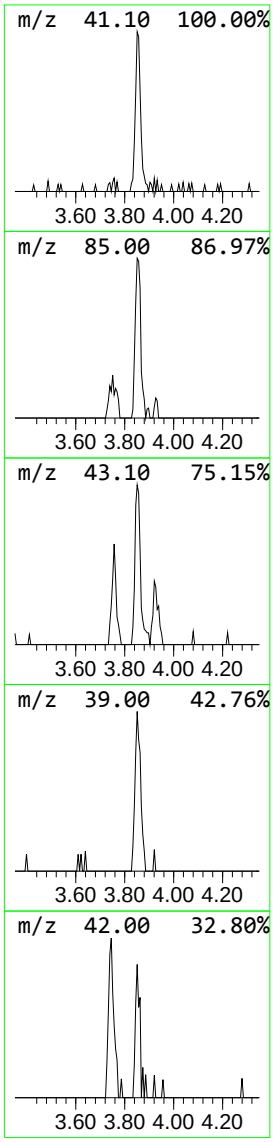
****

Peak Number 2 Methacrylamide Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.851	2.08 ng/ul	23180	1,4-Dichlorobenzene-d4	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	50
2	Methacrylamide	85	C4H7NO	000079-39-0	50
3	Methacrylamide	85	C4H7NO	000079-39-0	42
4	Pentane, 2-bromo-4-methyl-	164	C6H13Br	030310-22-6	25
5	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061477.D
Acq On : 5 Jun 2024 6:36
Operator : MA/JU
Sample : P2549-13DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH629DL

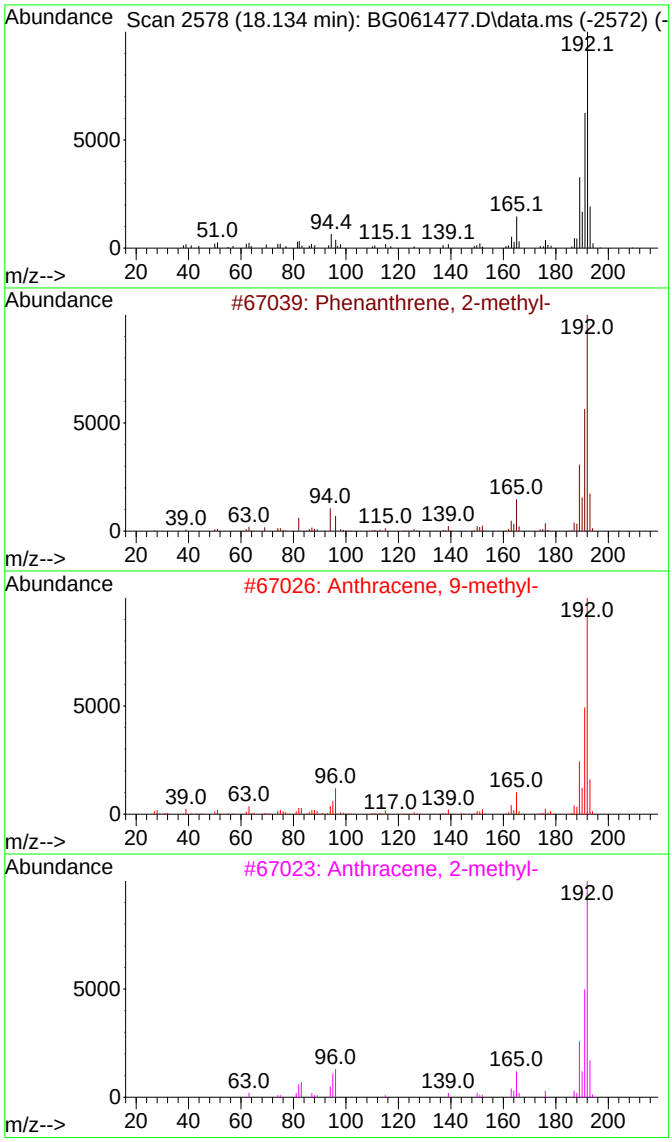
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

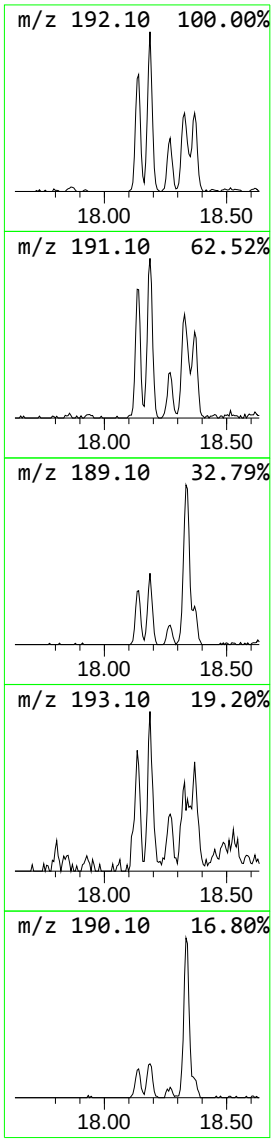
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.134	3.52 ng/ul	102138	Phenanthrene-d10	17.264

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061477.D
Acq On : 5 Jun 2024 6:36
Operator : MA/JU
Sample : P2549-13DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH629DL

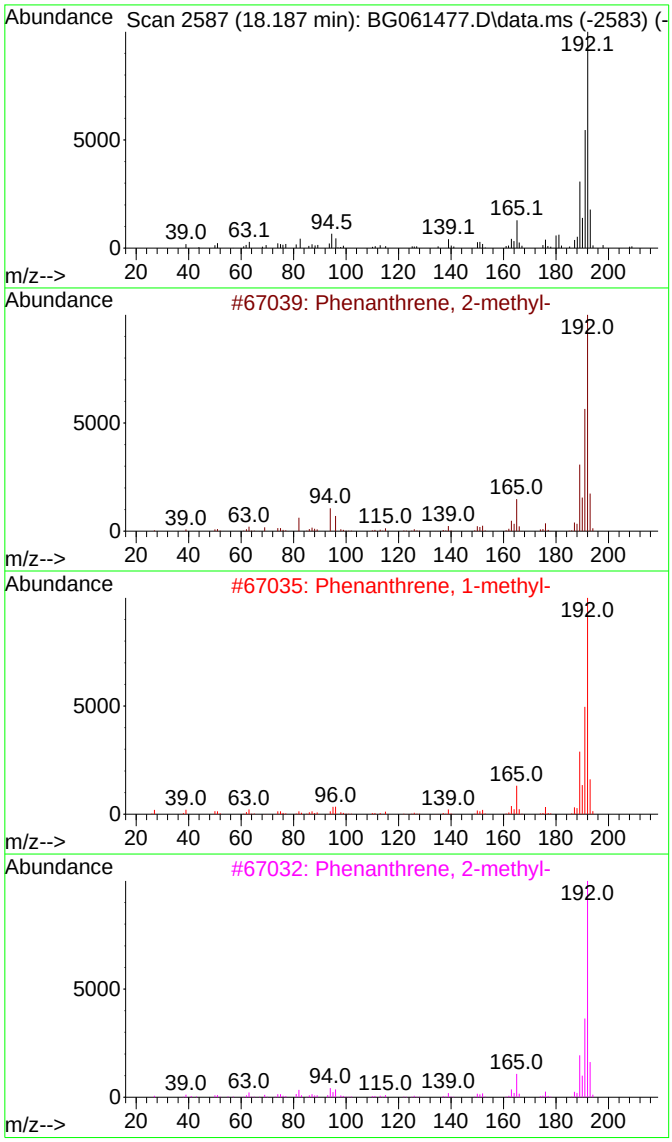
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

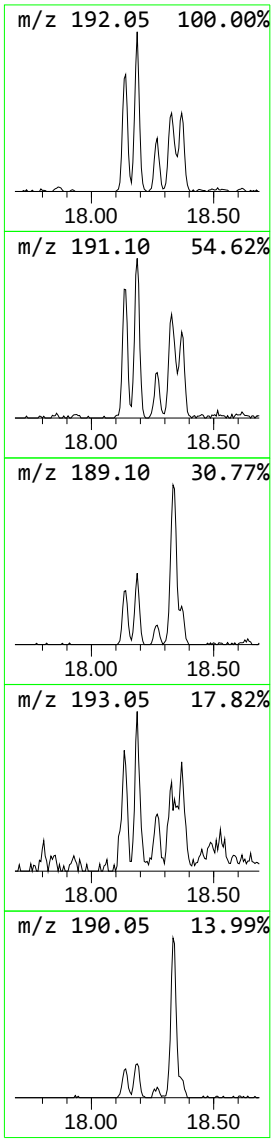
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.187	4.68 ng/ul	136025	Phenanthrene-d10	17.264

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061477.D
Acq On : 5 Jun 2024 6:36
Operator : MA/JU
Sample : P2549-13DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH629DL

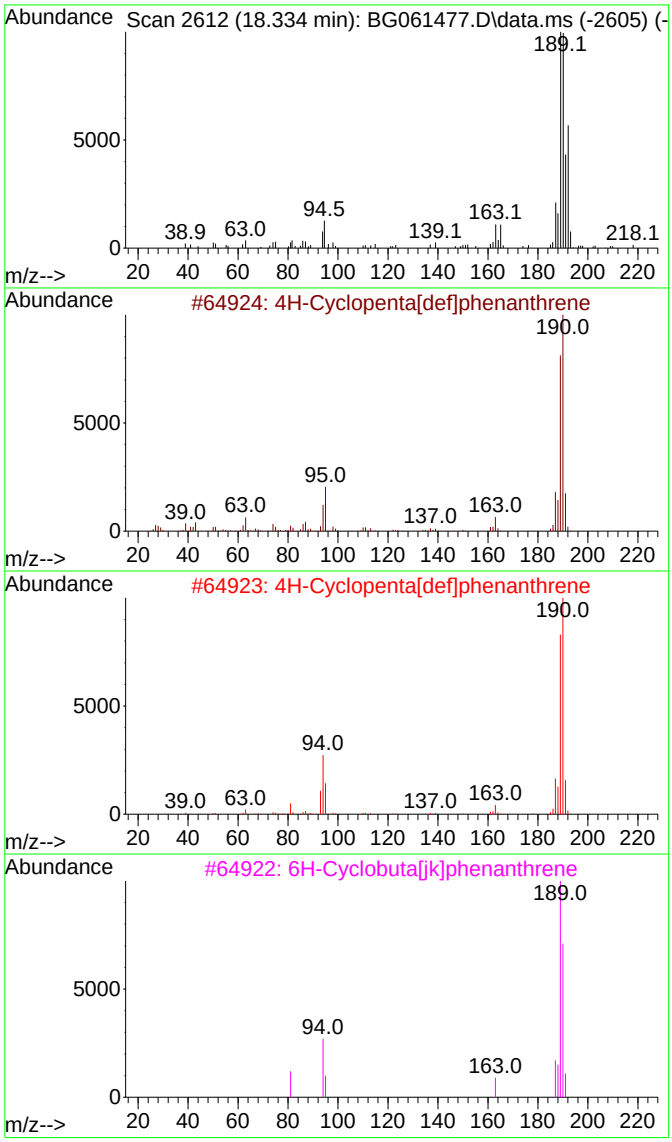
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

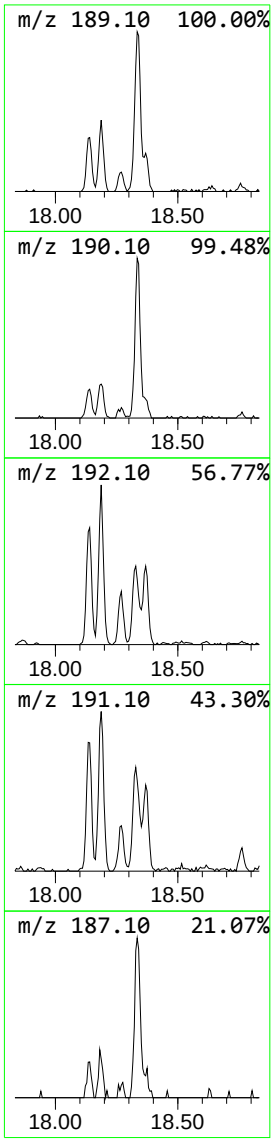
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.334	5.74 ng/ul	166715	Phenanthrene-d10	17.264

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50





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Acq On : 5 Jun 2024 6:36
Operator : MA/JU
Sample : P2549-13DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH629DL

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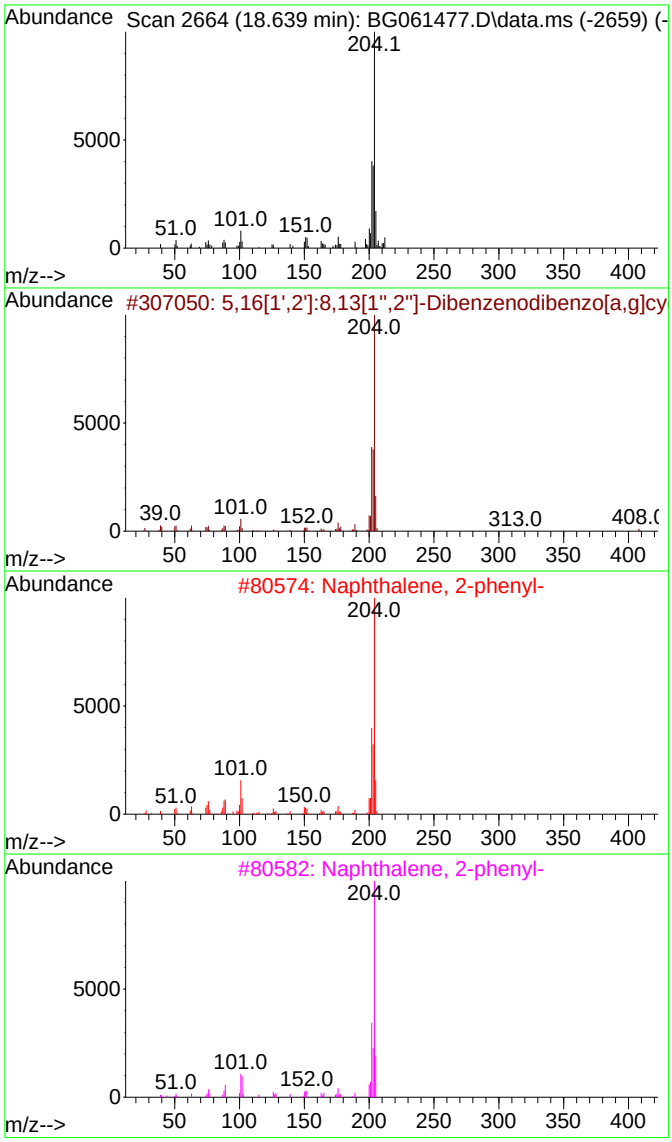
Quant Title : SVOA CALIBRATION

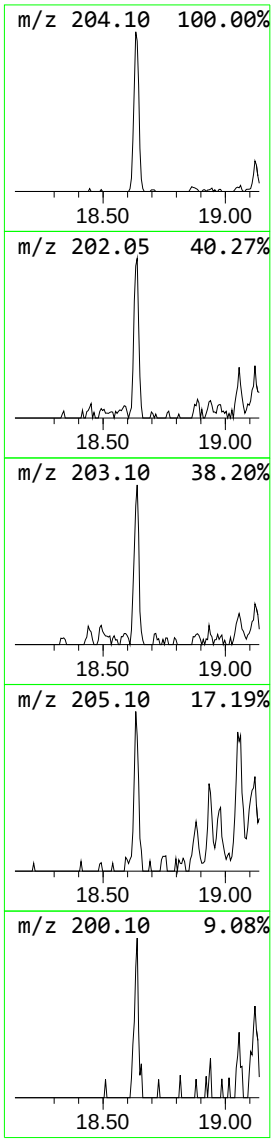
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.639	2.47 ng/ul	71660	Phenanthrene-d10	17.264

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	60
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58





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Operator : MA/JU
Sample : P2549-13DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH629DL

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

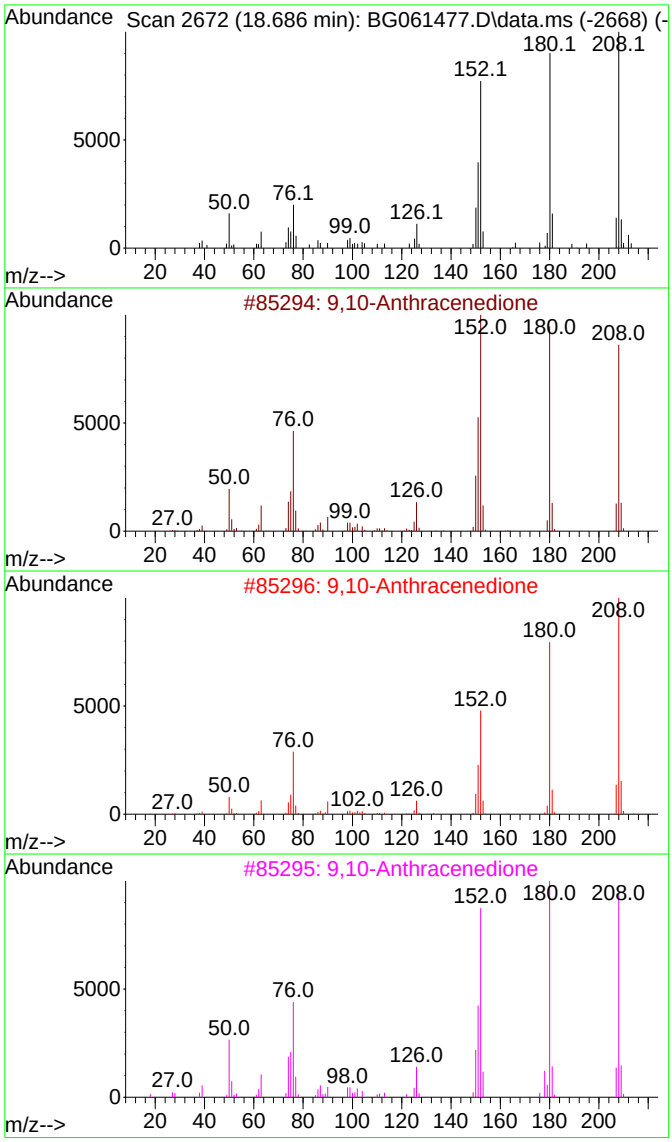
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

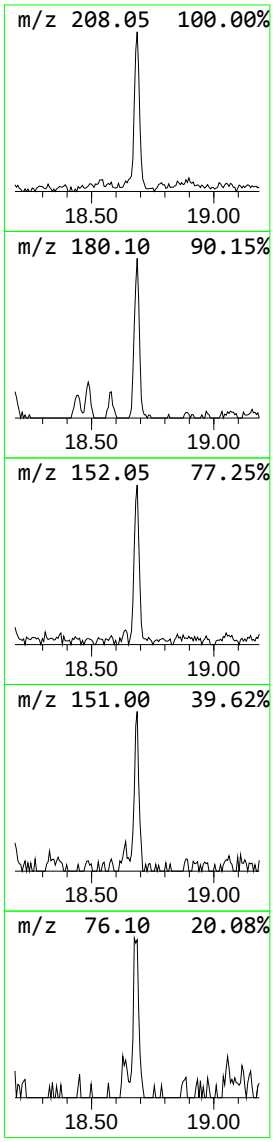
****

Peak Number 7 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.686	2.67 ng/ul	77426	Phenanthrene-d10	17.264

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	94
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	83
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	78





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Operator : MA/JU
Sample : P2549-13DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BH629DL

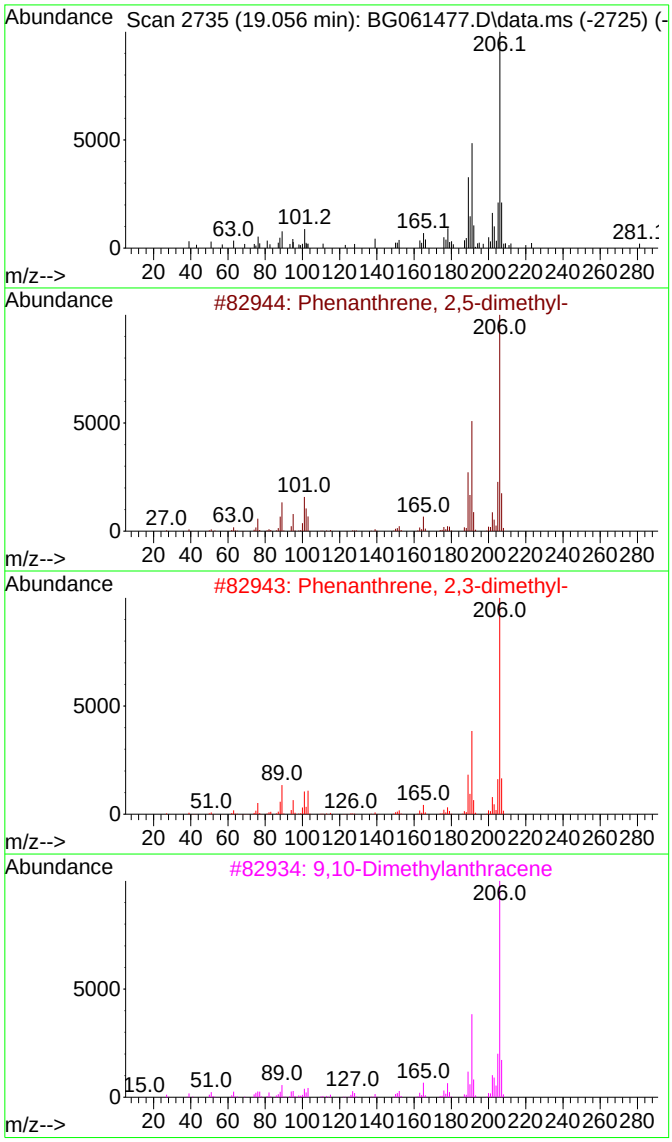
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

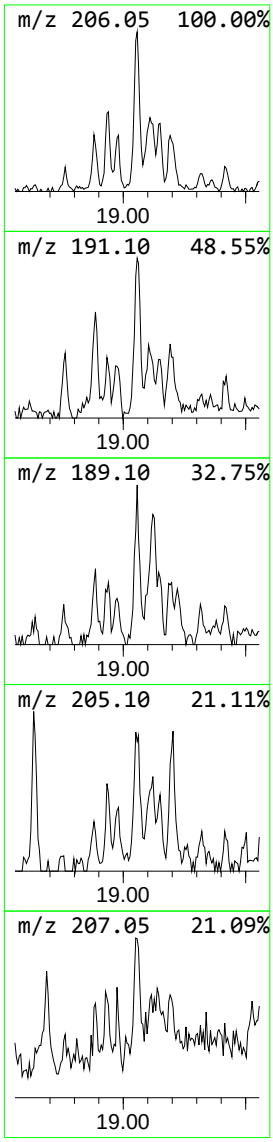
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.056	3.82 ng/ul	111041	Phenanthrene-d10	17.264

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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Acq On : 5 Jun 2024 6:36
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Sample : P2549-13DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BH629DL

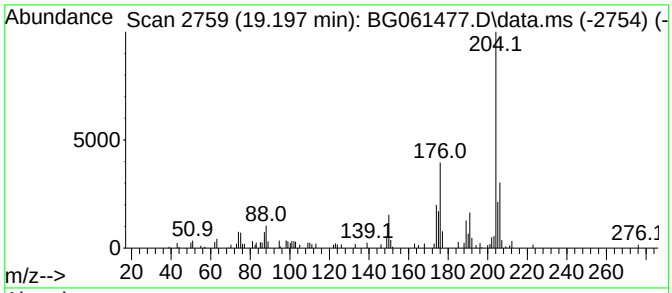
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

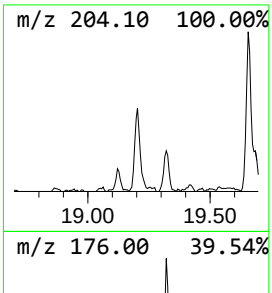
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.197	2.98 ng/ul	86606	Phenanthrene-d10	17.264

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	76
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
5	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	43





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Operator : MA/JU
Sample : P2549-13DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH629DL

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

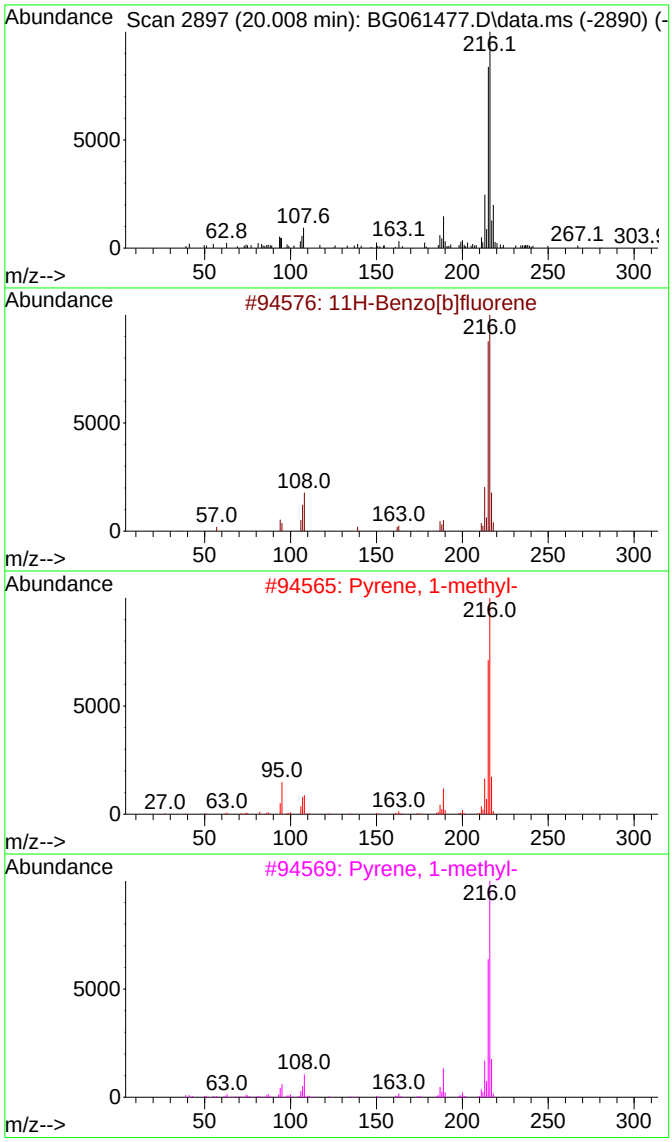
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

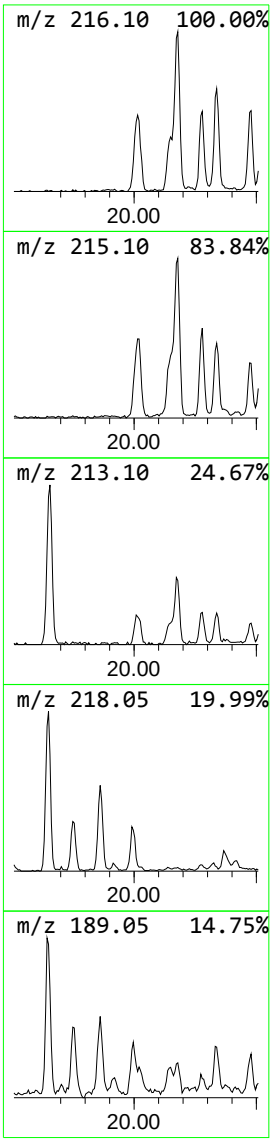
****

Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.008	2.06 ng/ul	148999	Chrysene-d12	21.518

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78





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Acq On : 5 Jun 2024 6:36
Operator : MA/JU
Sample : P2549-13DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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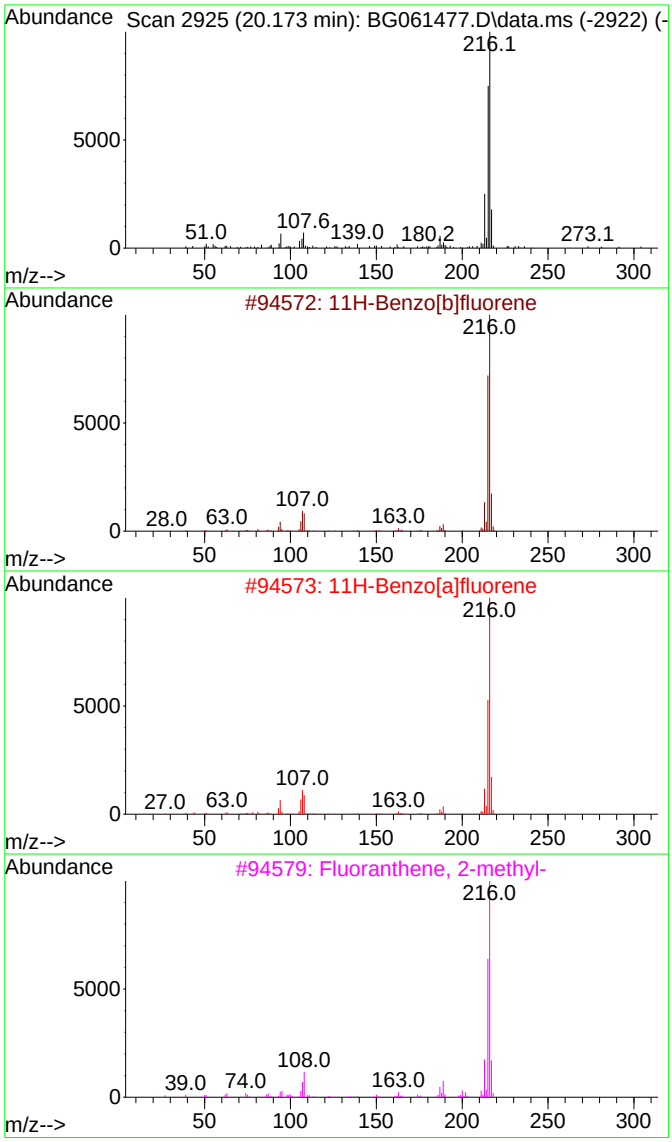
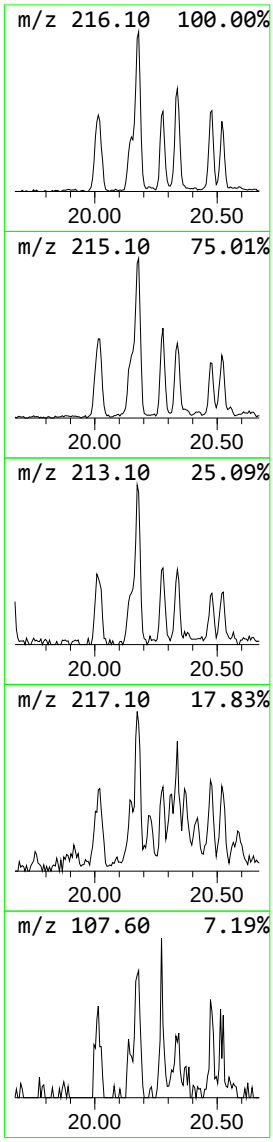
Peak Number 11 11H-Benzo[a]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.173	2.10 ng/ul	151584	Chrysene-d12	21.518

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80





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Acq On : 5 Jun 2024 6:36
Operator : MA/JU
Sample : P2549-13DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BH629DL

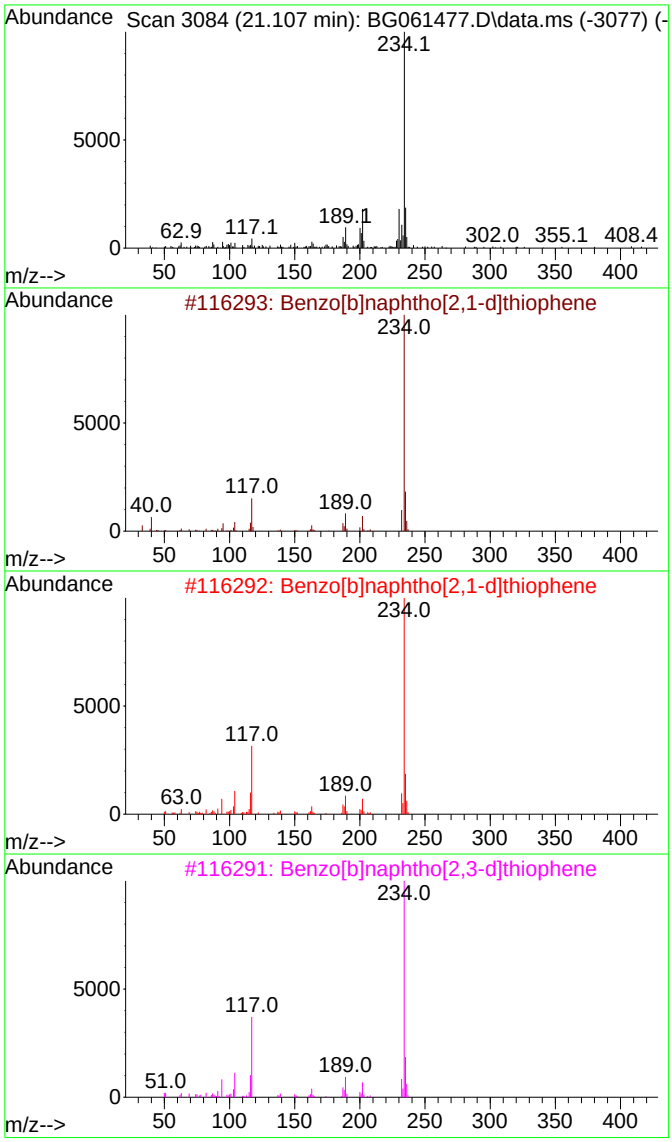
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

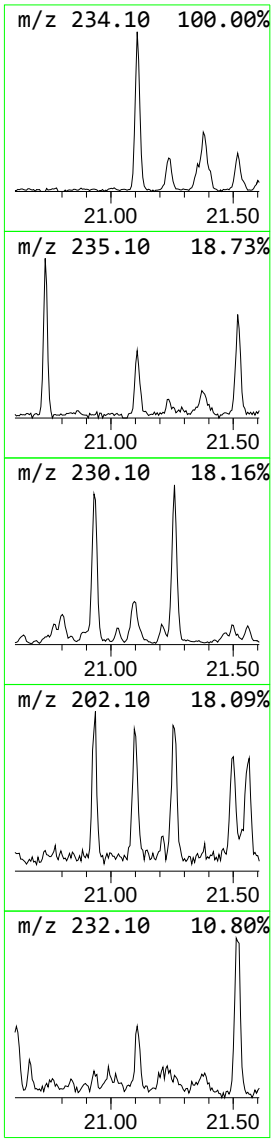
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.107	2.30 ng/ul	166134	Chrysene-d12	21.518

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	81
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	81
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	81
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	81
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	64





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Operator : MA/JU
Sample : P2549-13DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH629DL

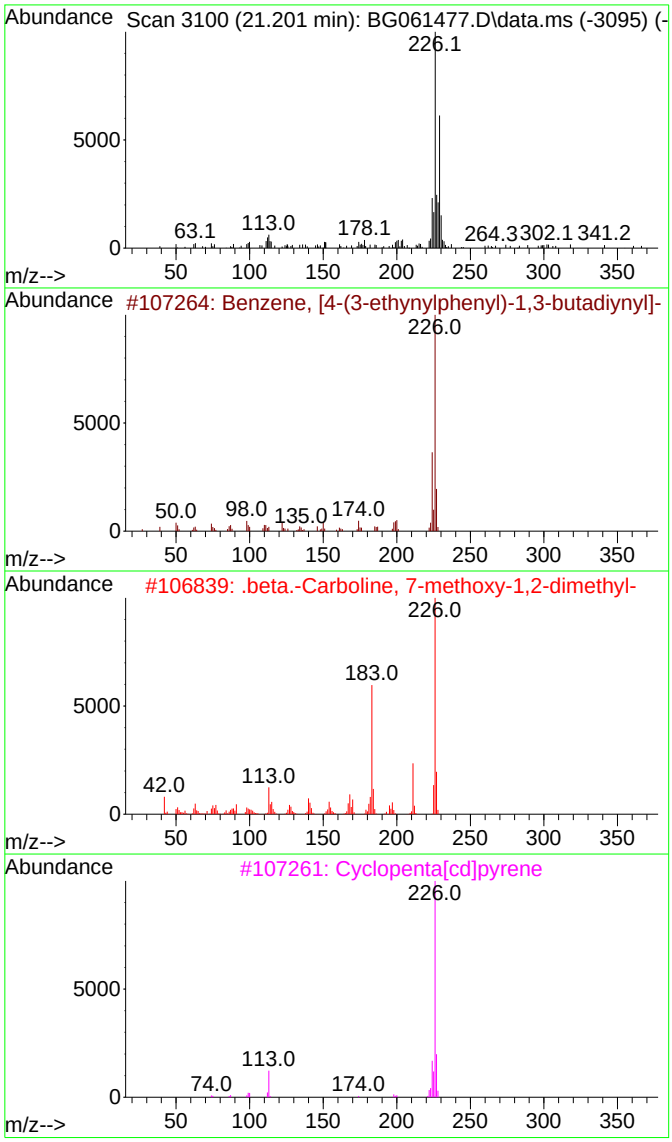
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

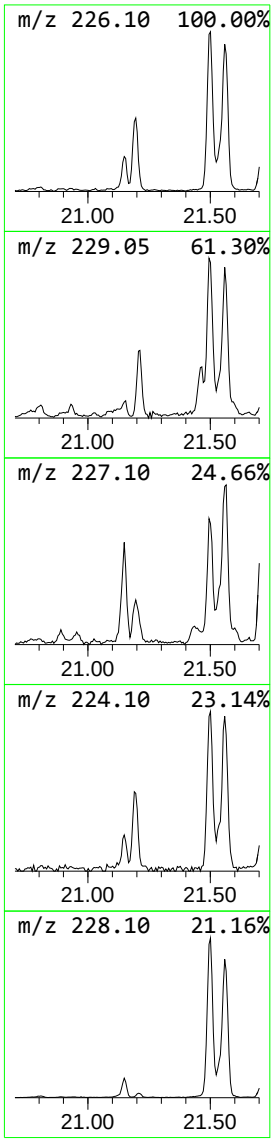
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.201	2.55 ng/ul	184356	Chrysene-d12	21.518

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	46
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	43
3	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	43
4	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	35
5	Benzene, 1-bromo-2,6-dichloro-	224	C6H3BrCl2	019393-92-1	32





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Sample : P2549-13DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH629DL

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

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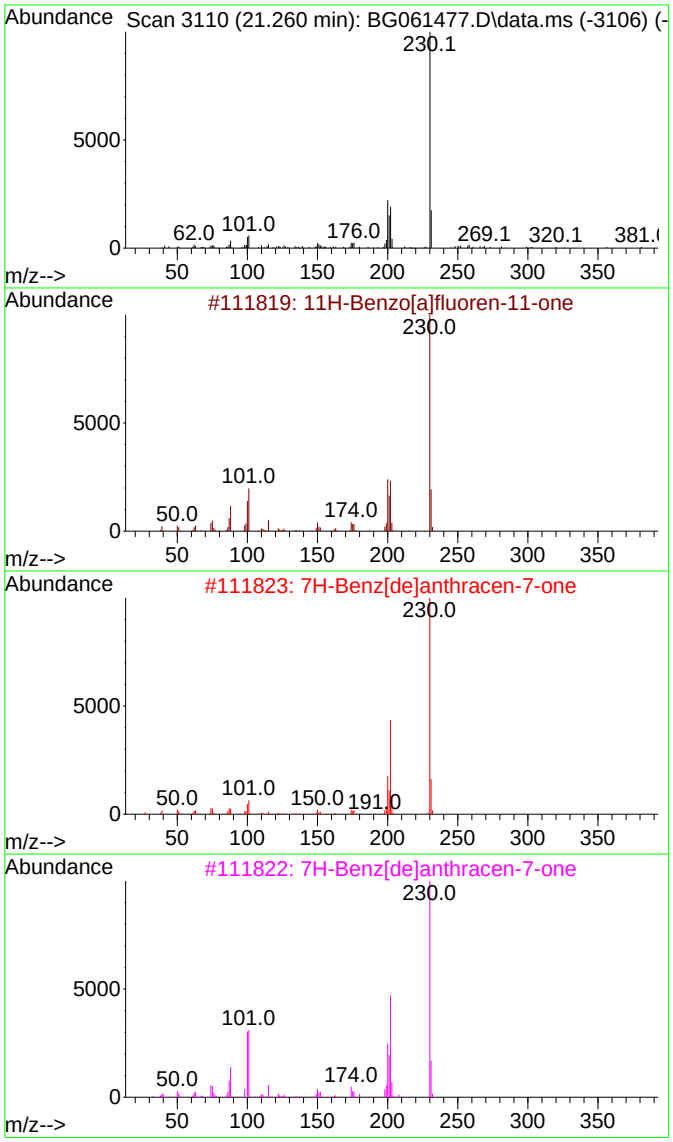
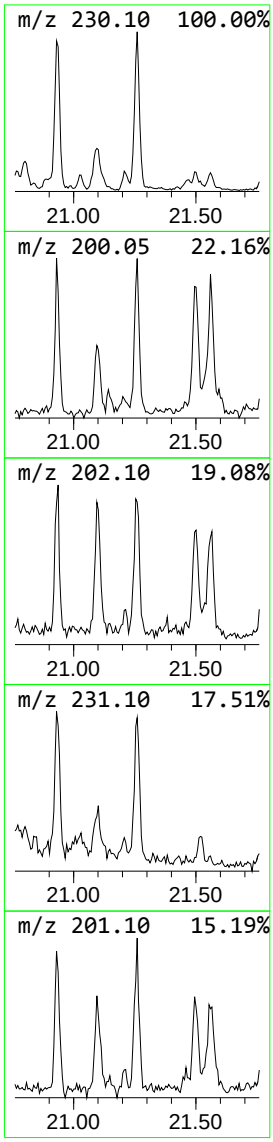
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.260	2.12 ng/ul	152863	Chrysene-d12	21.518

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	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	53





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Operator : MA/JU
Sample : P2549-13DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH629DL

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

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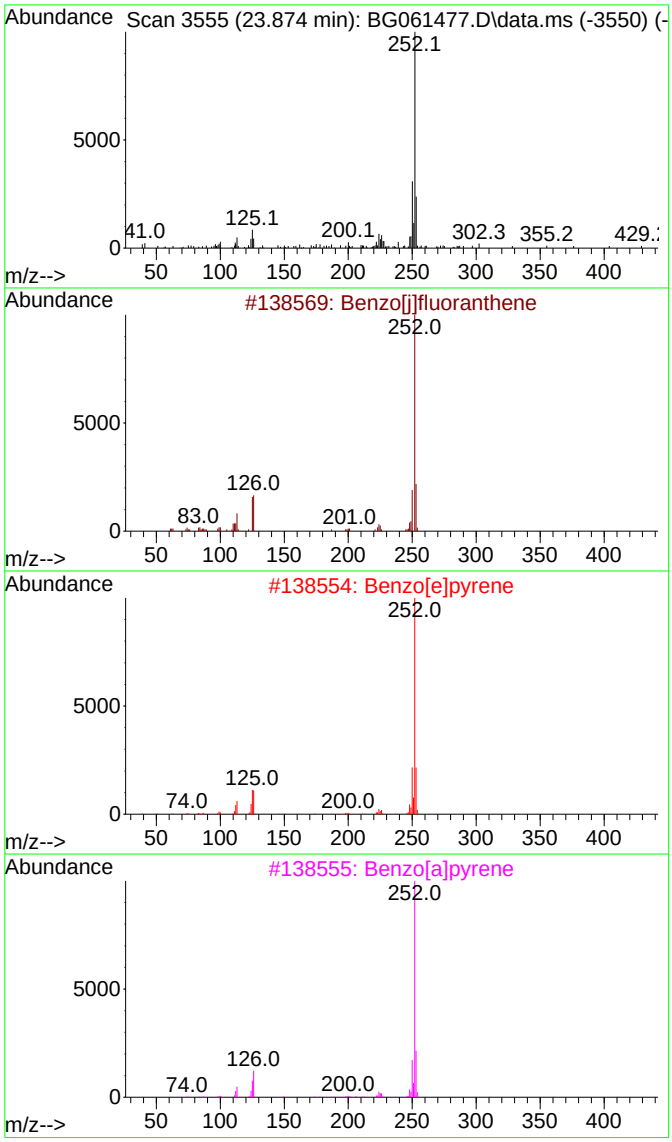
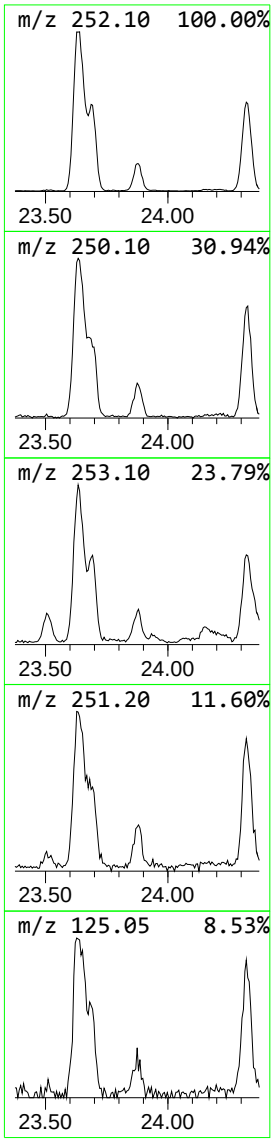
Peak Number 15 Benzo[j]fluoranthene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.874	2.62 ng/ul	103734	Perylene-d12	24.609

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76
2	Benzo[e]pyrene	252	C20H12	000192-97-2	74
3	Benzo[a]pyrene	252	C20H12	000050-32-8	74
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	74
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	72





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Sample : P2549-13DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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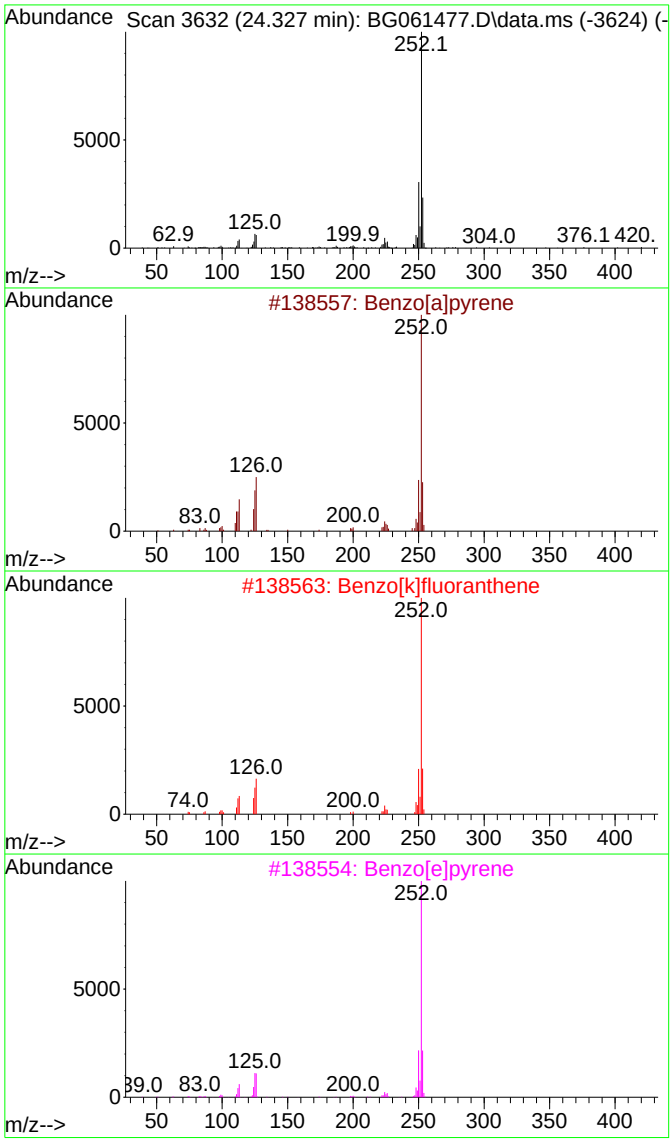
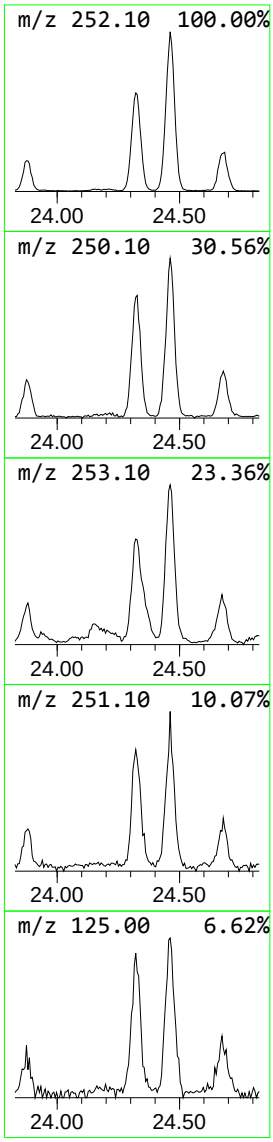
Peak Number 16 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.327	9.49 ng/ul	375755	Perylene-d12	24.609

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benzo[e]pyrene	252	C20H12	000192-97-2	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061477.D
Acq On : 5 Jun 2024 6:36
Operator : MA/JU
Sample : P2549-13DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH629DL

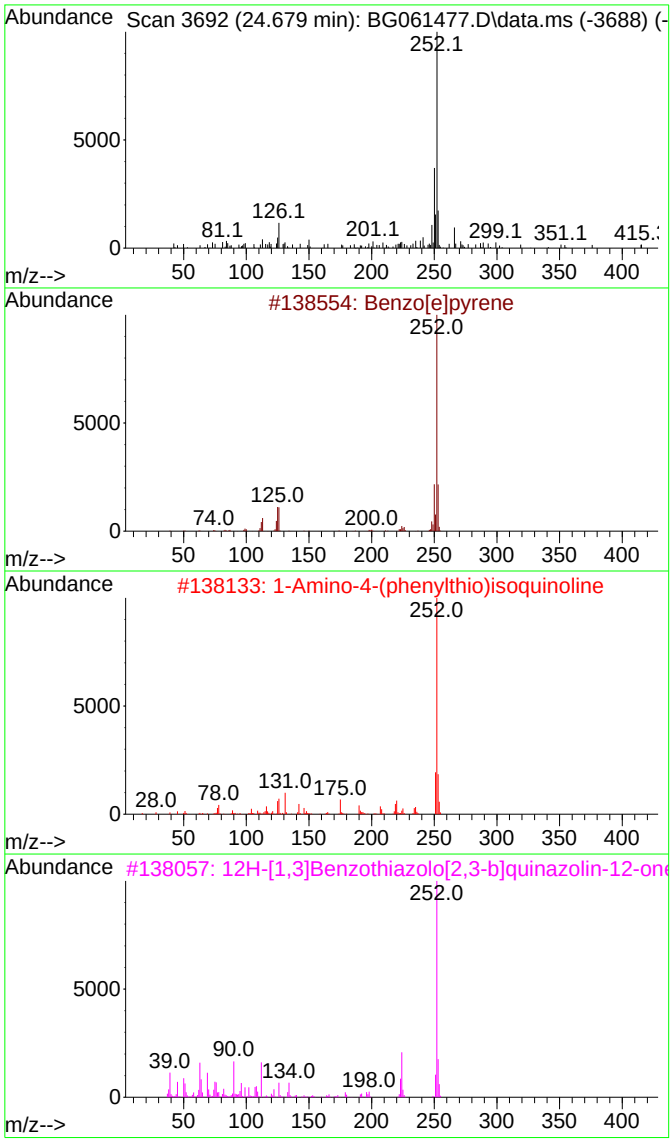
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

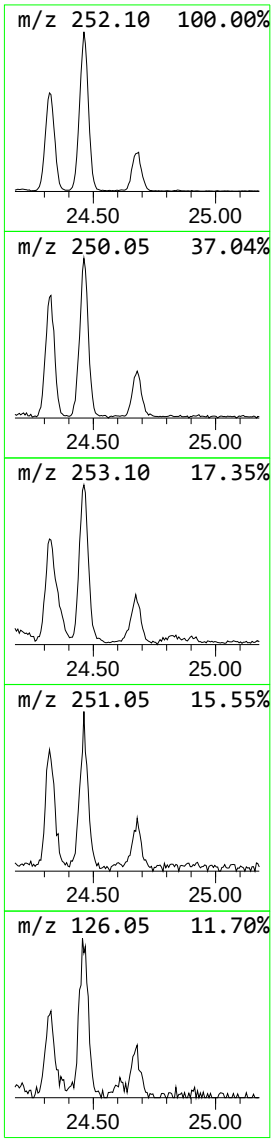
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1-Amino-4-(phenylthio)isoqu... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.679	4.75 ng/ul	187923	Perylene-d12	24.609

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	58
2	1-Amino-4-(phenylthio)isoquinoline	252	C15H12N2S	019653-19-1	53
3	12H-[1,3]Benzothiazolo[2,3-b]qui...	252	C14H8N2OS	1000338-32-6	53
4	Phenol, 2,4-dibromo-	250	C6H4Br2O	000615-58-7	52
5	[1,1'-Biphenyl]-4,4'-diamine, 3,...	252	C12H10Cl2N2	000091-94-1	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061477.D
Acq On : 5 Jun 2024 6:36
Operator : MA/JU
Sample : P2549-13DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH629DL

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...	3.075	112.7	ng/ul	1258290	1	7.875	223356	20.0
Methacrylamide	3.851	2.1	ng/ul	23180	1	7.875	223356	20.0
Phenanthrene, 2...	18.134	3.5	ng/ul	102138	4	17.264	580941	20.0
Phenanthrene, 1...	18.187	4.7	ng/ul	136025	4	17.264	580941	20.0
4H-Cyclopenta[d...	18.334	5.7	ng/ul	166715	4	17.264	580941	20.0
5,16[1',2']:8,1...	18.639	2.5	ng/ul	71660	4	17.264	580941	20.0
9,10-Anthracene...	18.686	2.7	ng/ul	77426	4	17.264	580941	20.0
Phenanthrene, 2...	19.056	3.8	ng/ul	111041	4	17.264	580941	20.0
Cyclopenta(def)...	19.197	3.0	ng/ul	86606	4	17.264	580941	20.0
11H-Benzo[b]flu...	20.008	2.1	ng/ul	148999	5	21.518	1445180	20.0
11H-Benzo[a]flu...	20.173	2.1	ng/ul	151584	5	21.518	1445180	20.0
Benzo[b]naphtho...	21.107	2.3	ng/ul	166134	5	21.518	1445180	20.0
unknown-01	21.201	2.5	ng/ul	184356	5	21.518	1445180	20.0
11H-Benzo[a]flu...	21.260	2.1	ng/ul	152863	5	21.518	1445180	20.0
Benzo[j]fluoran...	23.874	2.6	ng/ul	103734	6	24.609	791828	20.0
Benzo[e]pyrene	24.327	9.5	ng/ul	375755	6	24.609	791828	20.0
1-Amino-4-(phen...	24.679	4.8	ng/ul	187923	6	24.609	791828	20.0