LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061493.D
Acq On : 5 Jun 2024 19:18
Operator : MA/JU
Sample : P2623-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BHBR5

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: BG061493.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	27	rVB	207013	322966	16.35%	1.252%
2	3.604	98	105	115	rBV	41238	70586	3.57%	0.274%
3	3.745	123	129	136	rBV	63574	106687	5.40%	0.414%
4	7.065	688	694	704	rVB2	95580	167825	8.50%	0.650%
5	7.206	709	718	725	rBV	60001	95791	4.85%	0.371%
6	7.417	747	754	758	rBV	92872	152500	7.72%	0.591%
7	7.464	758	762	775	rVB	29847	51147	2.59%	0.198%
8	7.875	824	832	838	rBV	118915	194830	9.86%	0.755%
9	8.598	949	955	963	rBV2	112969	191804	9.71%	0.743%
10	9.033	1022	1029	1038	rBB	96002	167787	8.49%	0.650%
11	9.756	1145	1152	1159	rBV	87451	153325	7.76%	0.594%
12	10.308	1238	1246	1259	rBV	126648	217231	11.00%	0.842%
13	10.666	1300	1307	1312	rBV	153379	269722	13.65%	1.045%
14	10.719	1312	1316	1324	rVV	54419	89552	4.53%	0.347%
15	10.807	1324	1331	1341	rVB	100541	186400	9.44%	0.722%
16	11.407	1427	1433	1443	rBV	31551	59191	3.00%	0.229%
17	12.329	1585	1590	1597	rVB2	28067	44190	2.24%	0.171%
18	12.546	1620	1627	1632	rBV2	20660	32164	1.63%	0.125%
19	13.915	1851	1860	1866	rVB	214071	318519	16.12%	1.235%
20	14.203	1903	1909	1923	rVB	237032	368850	18.67%	1.430%
21	14.509	1949	1961	1967	rVV	242214	380308	19.25%	1.474%
22	14.574	1967	1972	1979	rVB	74169	110441	5.59%	0.428%
23	14.732	1989	1999	2012	rBV	580114	1359344	68.82%	5.269%
24	14.908	2023	2029	2036	rVV	84724	132911	6.73%	0.515%
25	15.508	2123	2131	2136	rBV	308488	455979	23.08%	1.767%
26	15.561	2136	2140	2146	rVB	110270	152659	7.73%	0.592%
27	15.655	2151	2156	2164	rVV3	67113	112628	5.70%	0.437%
28	15.854	2186	2190	2196	rVB	29610	43024	2.18%	0.167%
29	16.001	2211	2215	2223	rVV2	29994	62978	3.19%	0.244%
30	16.571	2309	2312	2316	rVV5	17057	26314	1.33%	0.102%
31	16.918	2366	2371	2378	rVV	80910	121589	6.16%	0.471%
32	16.994	2378	2384	2390	rVV4	13848	31736	1.61%	0.123%
33	17.082	2394	2399	2409	rVB	60601	93210	4.72%	0.361%
34	17.264	2424	2430	2433	rBV	309677	471587	23.87%	1.828%
35	17.306	2433	2437	2442	rVV	1049688	1551907	78.56%	6.015%
36	17.364	2442	2447	2450	rVV	330387	523868	26.52%	2.030%

LSC Area Percent Report

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Acq On : 5 Jun 2024 19:18
Operator : MA/JU
Sample : P2623-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBR5

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	17.394	2450	2452	2458	rVV	225303	300752	15.23%	1.166%
38	17.452	2458	2462	2467	rVB2	16972	25555	1.29%	0.099%
39	17.670	2488	2499	2505	rBV2	129227	238653	12.08%	0.925%
40	17.776	2510	2517	2525	rVV5	18191	32122	1.63%	0.125%
41	17.846	2525	2529	2536	rVB6	25241	43928	2.22%	0.170%
42	18.140	2572	2579	2583	rBV	95009	161684	8.19%	0.627%
43	18.187	2583	2587	2592	rVV	156800	224372	11.36%	0.870%
44	18.269	2596	2601	2606	rVB	45914	65016	3.29%	0.252%
45	18.334	2606	2612	2616	rBV2	136487	248191	12.56%	0.962%
46	18.369	2616	2618	2623	rVB	60753	76214	3.86%	0.295%
47	18.445	2623	2631	2635	rBV4	19463	32021	1.62%	0.124%
48	18.492	2635	2639	2642	rVV4	22140	31011	1.57%	0.120%
49	18.639	2658	2664	2668	rVV	87343	124346	6.29%	0.482%
50	18.686	2668	2672	2679	rVB	82050	120222	6.09%	0.466%
51	18.886	2699	2706	2710	rVV4	24855	39391	1.99%	0.153%
52	18.933	2710	2714	2718	rVV	21523	30738	1.56%	0.119%
53	18.974	2718	2721	2725	rVB2	23183	29217	1.48%	0.113%
54	19.062	2725	2736	2739	rBV2	41481	110067	5.57%	0.427%
55	19.098	2740	2742	2745	rVV4	37875	53080	2.69%	0.206%
56	19.203	2754	2760	2768	rVB2	68852	130140	6.59%	0.504%
57	19.327	2773	2781	2787	rVV	1405049	1975325	100.00%	7.656%
58	19.386	2787	2791	2793	rVV2	24752	37248	1.89%	0.144%
59	19.421	2793	2797	2803	rVV	40694	76898	3.89%	0.298%
60	19.468	2803	2805	2808	rVV4	17905	25843	1.31%	0.100%
61	19.515	2809	2813	2814	rVV4	26326	32317	1.64%	0.125%
62	19.562	2817	2821	2831	rVV2	51465	114836	5.81%	0.445%
63	19.656	2831	2837	2839	rVV3	631808	917878	46.47%	3.558%
64	19.685	2839	2842	2850	rVV	988525	1448277	73.32%	5.613%
65	19.756	2850	2854	2859	rVB2	55900	82149	4.16%	0.318%
66	19.861	2867	2872	2877	rBV	77281	117504	5.95%	0.455%
67	19.926	2879	2883	2888	rVB	69565	102159	5.17%	0.396%
68	20.008	2891	2897	2898	rBV3	70317	115647	5.85%	0.448%
69	20.061	2903	2906	2912	rVV	29866	43244	2.19%	0.168%
70	20.138	2914	2919	2920	rVV3	52886	73397	3.72%	0.284%
71	20.179	2922	2926	2931	rVB	115744	191909	9.72%	0.744%
72	20.279	2939	2943	2946	rBV	52114	66340	3.36%	0.257%
73	20.337	2946	2953	2957	rVV2	88963	182729	9.25%	0.708%
74	20.373	2957	2959	2963	rVB3	29146	31861	1.61%	0.123%
75	20.414	2963	2966	2970	rVB3	26359	32726	1.66%	0.127%
76	20.478	2972	2977	2980	rBV	48284	72039	3.65%	0.279%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
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Acq On : 5 Jun 2024 19:18
Operator : MA/JU
Sample : P2623-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBR5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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

77	20.519	2980	2984	2989	rVB2	67099	97316	4.93%	0.377%
78	20.684	3009	3012	3016	rVB6	22747	28454	1.44%	0.110%
79	20.937	3050	3055	3062	rVB	166881	229740	11.63%	0.890%
80	21.107	3078	3084	3088	rBV2	123839	237410	12.02%	0.920%
81	21.148	3088	3091	3095	rVV	98524	168779	8.54%	0.654%
82	21.195	3095	3099	3105	rVV2	107141	267445	13.54%	1.037%
83	21.260	3106	3110	3118	rVB	170968	282038	14.28%	1.093%
84	21.507	3142	3152	3158	rBV3	773402	1826580	92.47%	7.080%
85	21.565	3158	3162	3174	rVB	525442	880101	44.55%	3.411%
86	21.712	3183	3187	3192	rBV2	58387	95527	4.84%	0.370%
87	21.918	3216	3222	3227	rBV3	83855	164491	8.33%	0.638%
88	21.977	3229	3232	3237	rVB7	22271	38523	1.95%	0.149%
89	22.223	3270	3274	3280	rVB2	82517	151996	7.69%	0.589%
90	22.294	3282	3286	3295	rVB2	46302	87842	4.45%	0.340%
91	22.488	3315	3319	3323	rBV4	32111	56377	2.85%	0.219%
92	22.923	3391	3393	3404	rVB9	61895	133276	6.75%	0.517%
93	23.275	3446	3453	3463	rVB4	41631	124186	6.29%	0.481%
94	23.639	3506	3515	3521	rBV3	373522	1145206	57.98%	4.439%
95	23.880	3549	3556	3564	rBV	66345	160587	8.13%	0.622%
96	24.327	3625	3632	3638	rBV2	160736	424889	21.51%	1.647%
97	24.403	3639	3645	3650	rVV2	242645	622043	31.49%	2.411%
98	24.468	3651	3656	3667	rVB	293516	740296	37.48%	2.869%
99	24.615	3672	3681	3688	rBV	237641	656669	33.24%	2.545%
100	28.128	4271	4279	4300	rVB3	88915	431782	21.86%	1.674%

Sum of corrected areas: 25800149

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061493.D
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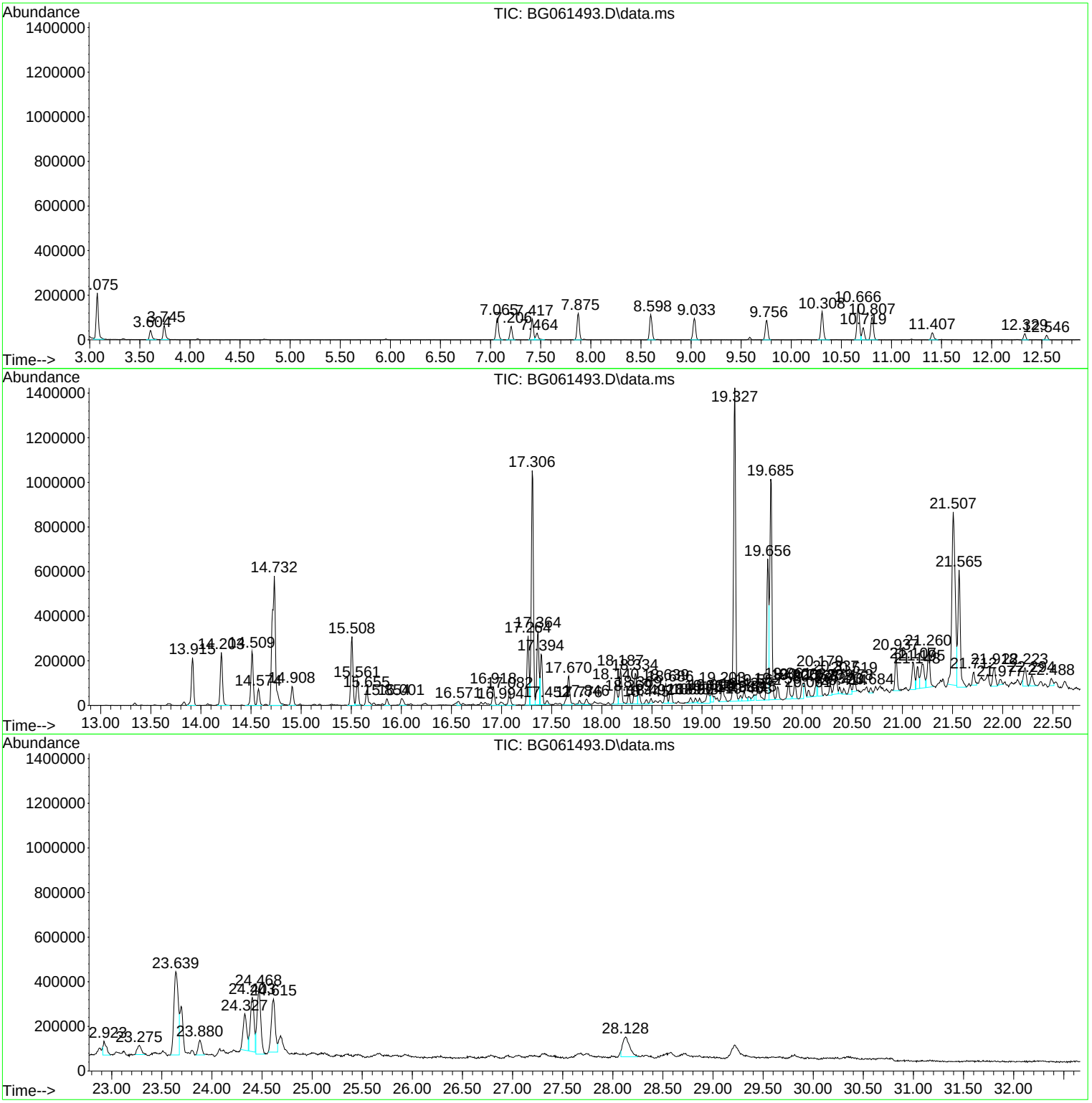
Sample : P2623-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBR5

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 : BG061493.D
Acq On : 5 Jun 2024 19:18
Operator : MA/JU
Sample : P2623-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBR5

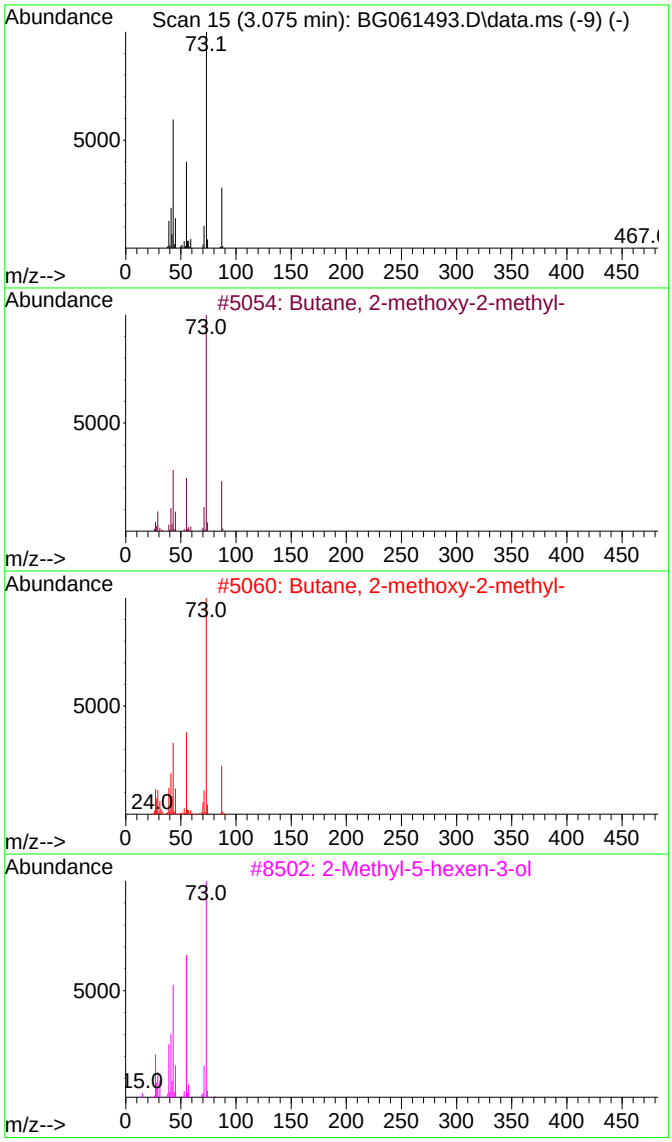
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

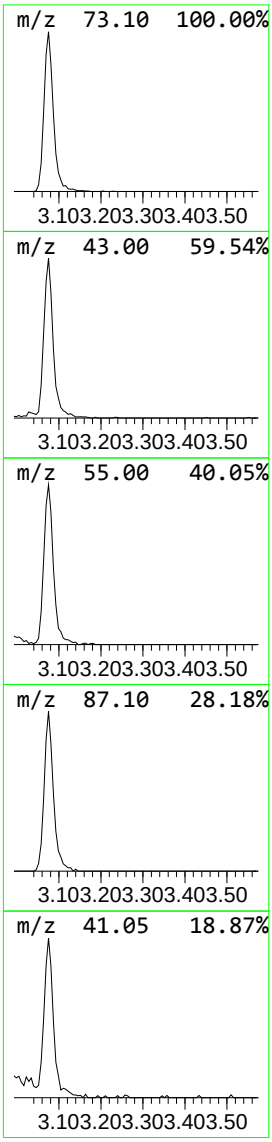
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.075	33.15 ng/ul	322966	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	78
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	43
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
5	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061493.D
Acq On : 5 Jun 2024 19:18
Operator : MA/JU
Sample : P2623-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

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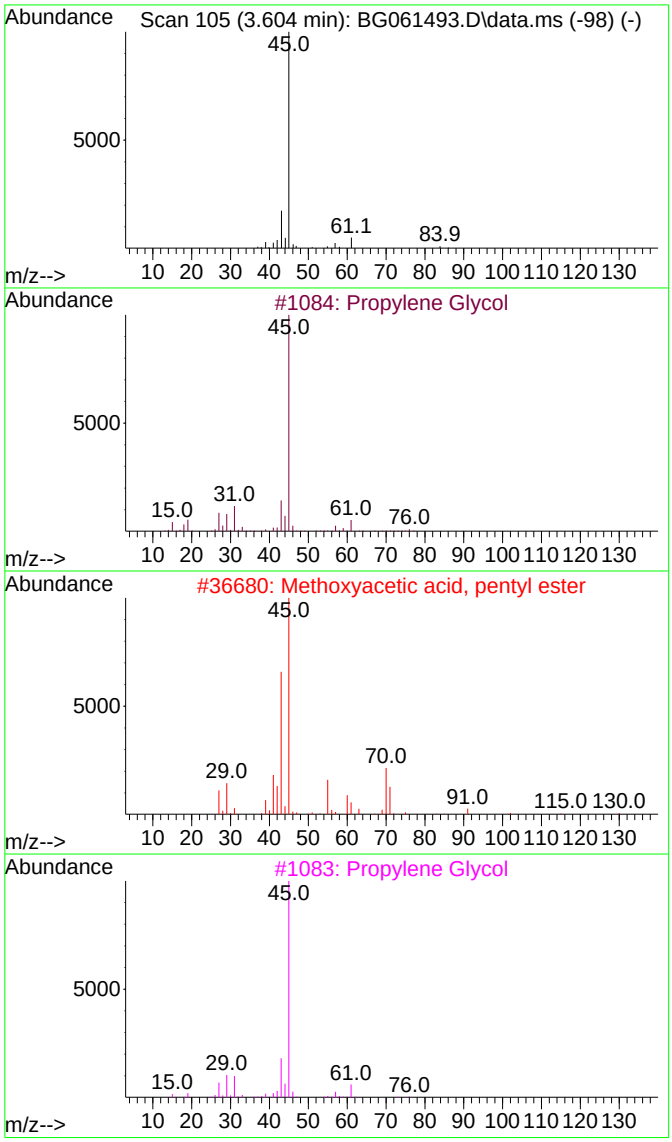
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

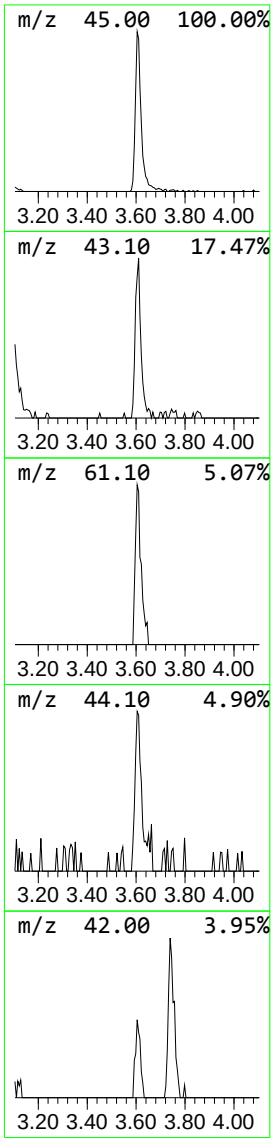
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.604	7.25 ng/ul	70586	1,4-Dichlorobenzene-d4	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	9
2	Methoxyacetic acid, pentyl ester	160	C8H16O3	168920-35-2	9
3	Propylene Glycol	76	C3H8O2	000057-55-6	9
4	2-Heptanol, (S)-	116	C7H16O	006033-23-4	9
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061493.D
Acq On : 5 Jun 2024 19:18
Operator : MA/JU
Sample : P2623-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBR5

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

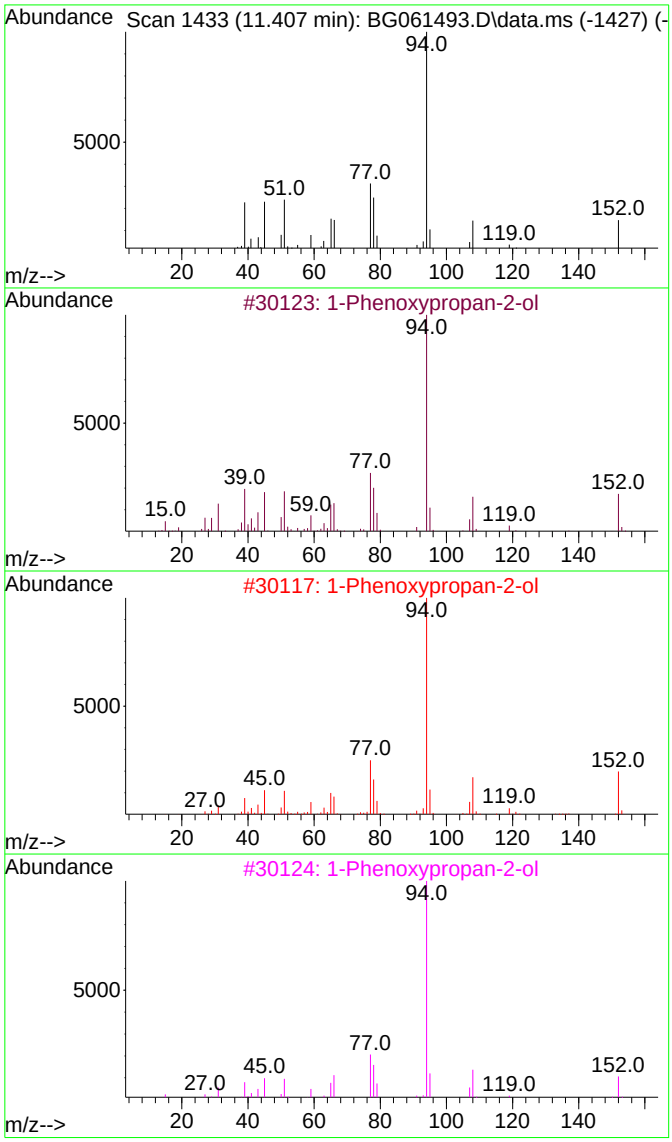
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

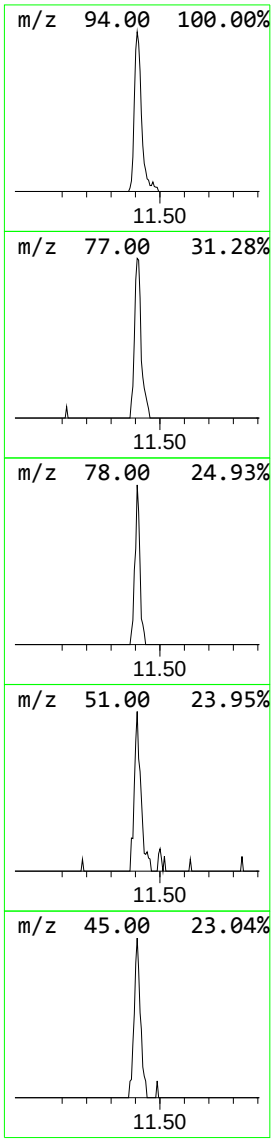
****

Peak Number 3 1-Phenoxypropan-2-ol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.407	4.39 ng/ul	59191	Naphthalene-d8	10.666

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	95
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	91
4	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	58
5	butanedioic acid, monophenyl ester	194	C10H10O4	1000400-29-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061493.D
Acq On : 5 Jun 2024 19:18
Operator : MA/JU
Sample : P2623-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBR5

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

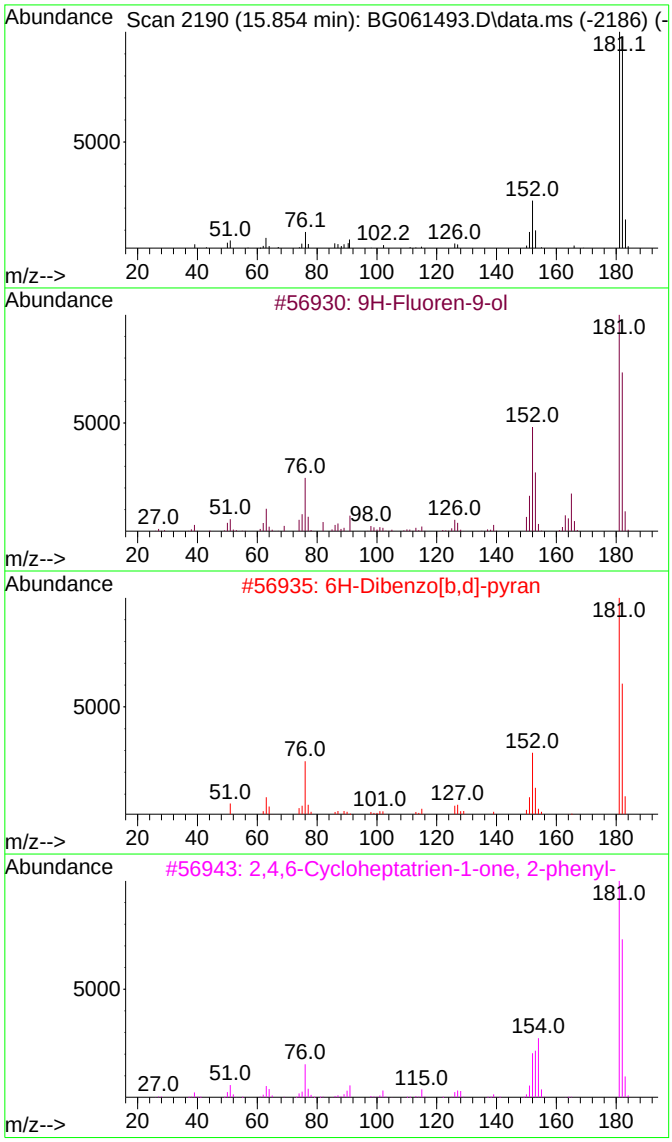
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

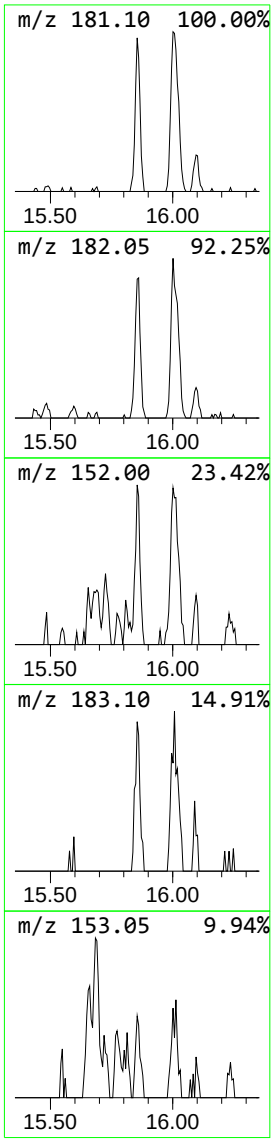
****

Peak Number 4 9H-Fluoren-9-ol Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.854	2.26 ng/ul	43024	Acenaphthene-d10	14.509

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	91
2	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	91
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060424\
Data File : BG061493.D
Acq On : 5 Jun 2024 19:18
Operator : MA/JU
Sample : P2623-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBR5

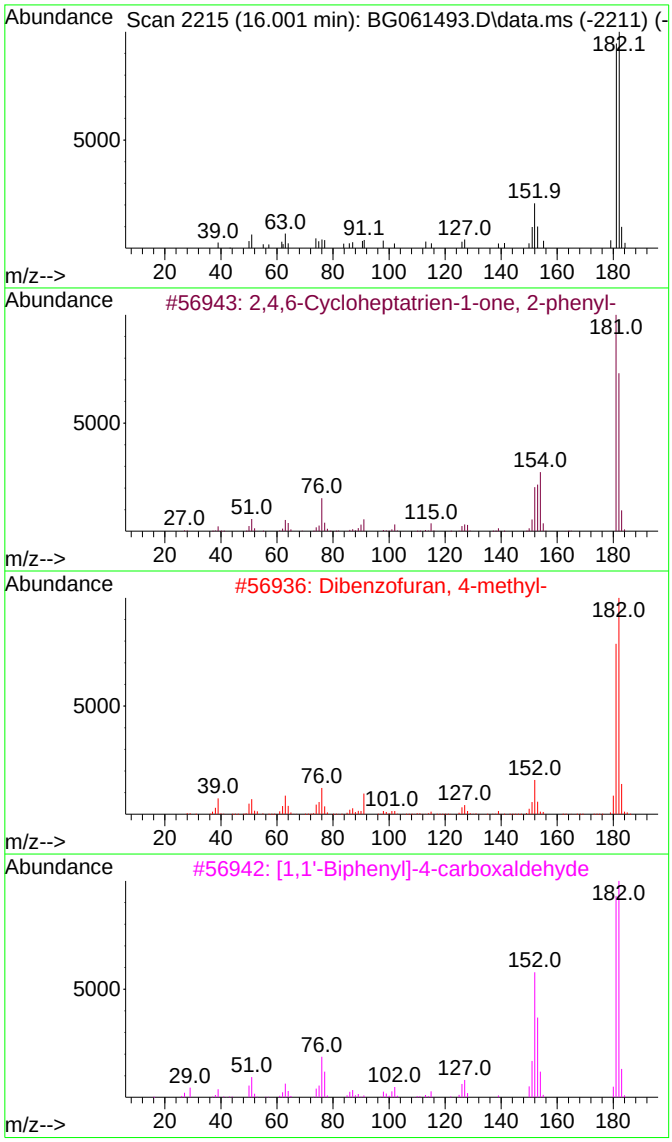
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

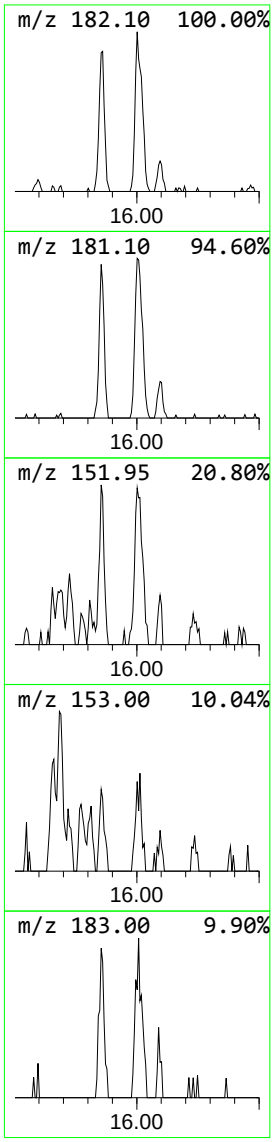
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2,4,6-Cycloheptatrien-1-one... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.001	2.67 ng/ul	62978	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72





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Acq On : 5 Jun 2024 19:18
Operator : MA/JU
Sample : P2623-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBR5

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Quant Title : SVOA CALIBRATION

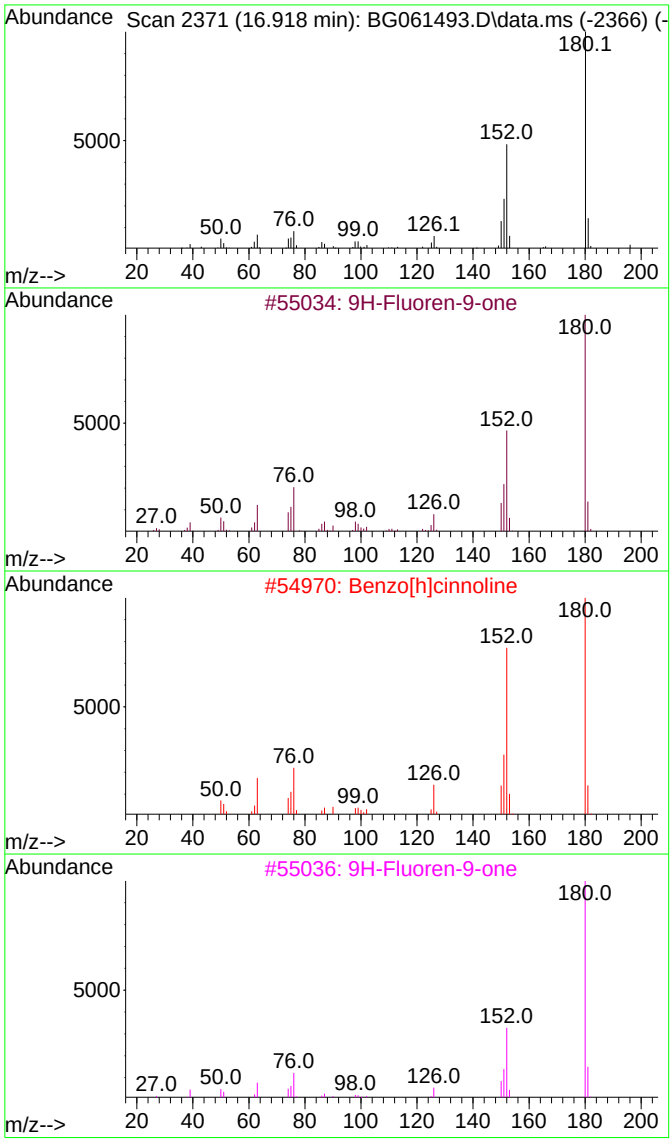
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

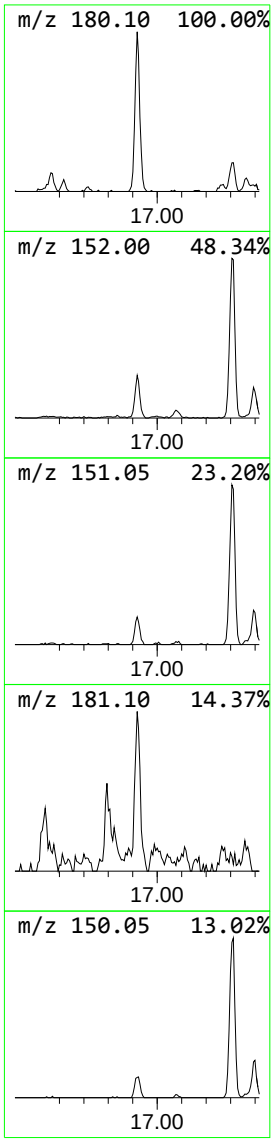
****

Peak Number 6 9H-Fluoren-9-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.918	5.16 ng/ul	121589	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	94
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93





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Sample : P2623-10
Misc :
ALS Vial : 10 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

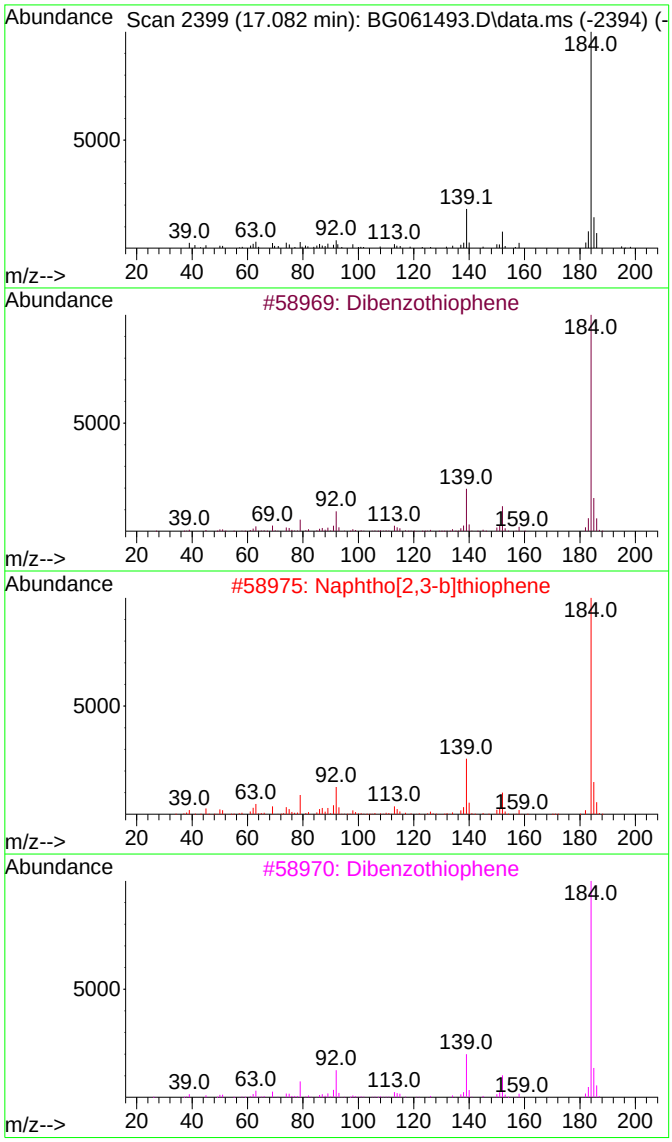
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

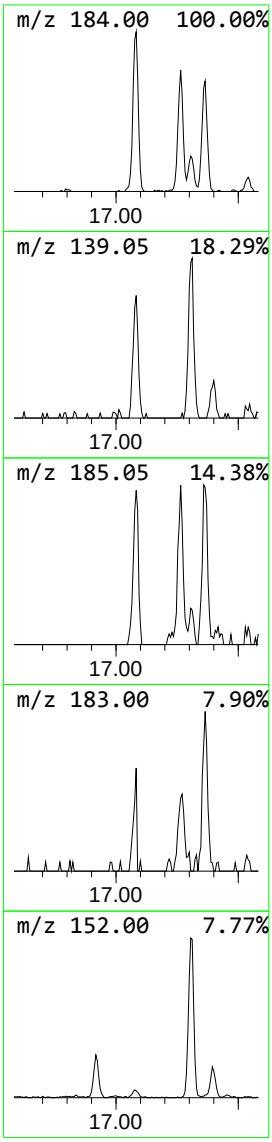
****

Peak Number 7 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.082	3.95 ng/ul	93210	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	96
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	95





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Sample : P2623-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBR5

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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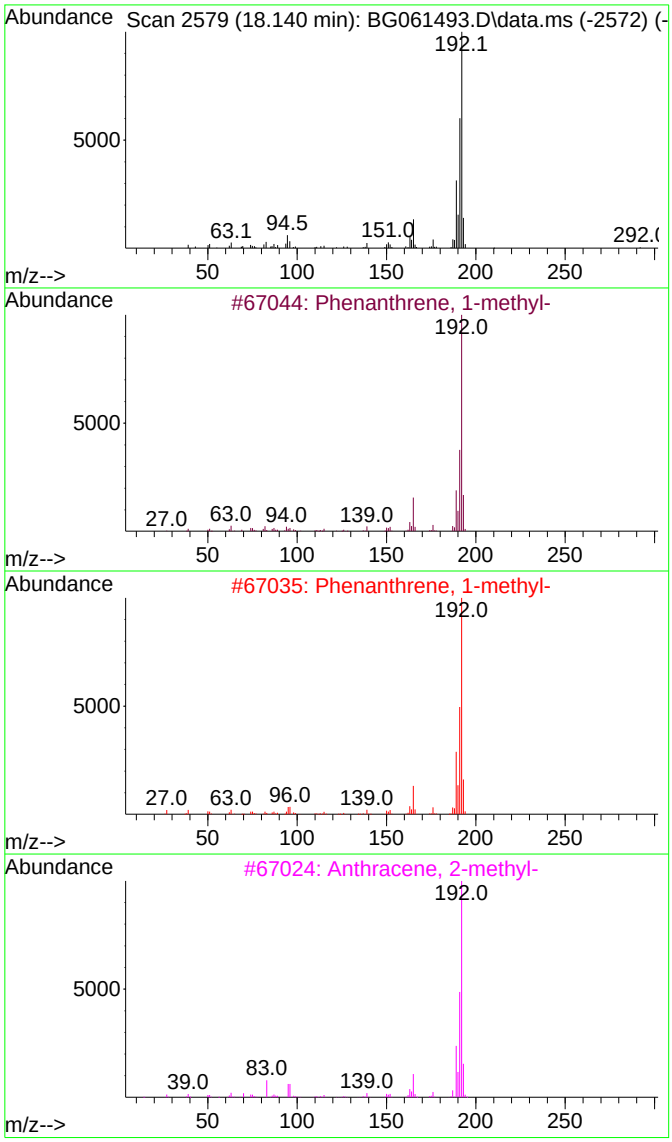
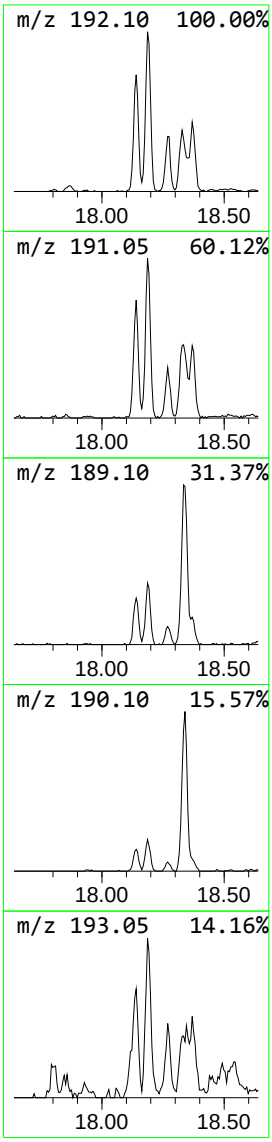
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.140	6.86 ng/ul	161684	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Operator : MA/JU
Sample : P2623-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

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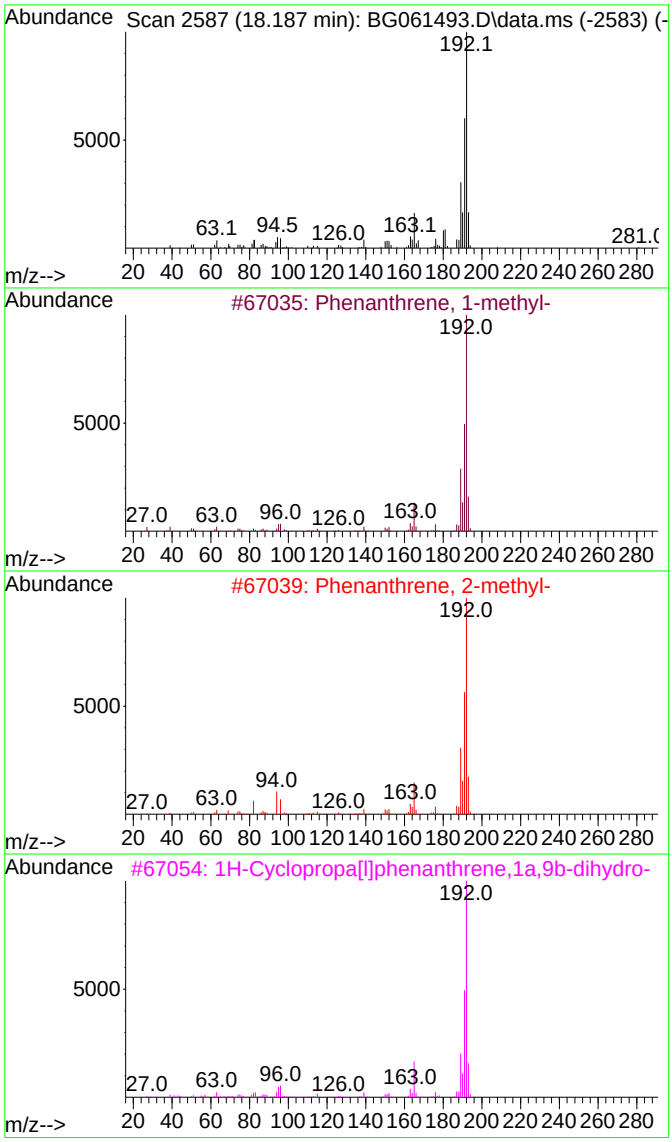
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

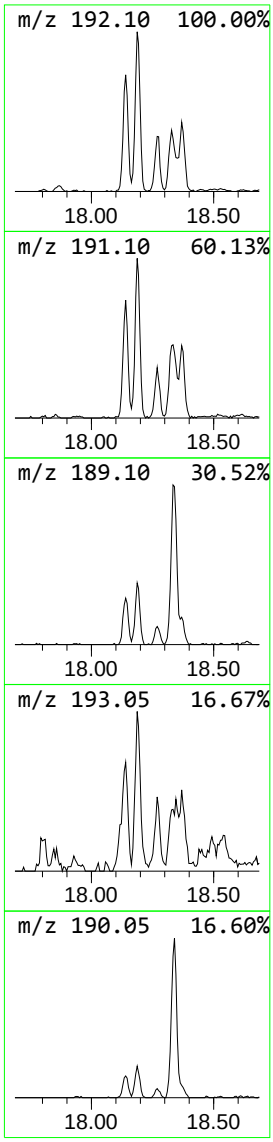
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.187	9.52 ng/ul	224372	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Sample : P2623-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

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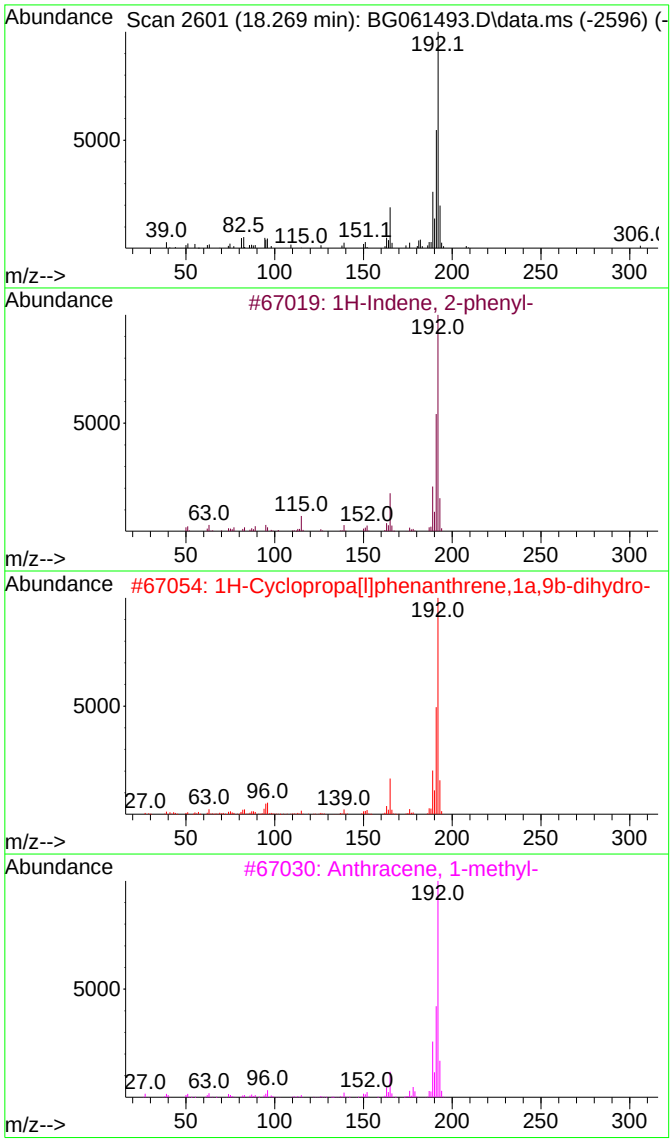
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

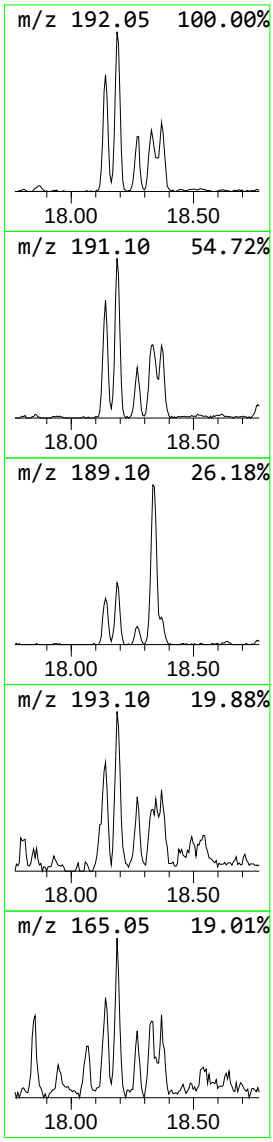
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Indene, 2-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.269	2.76 ng/ul	65016	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Sample : P2623-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBR5

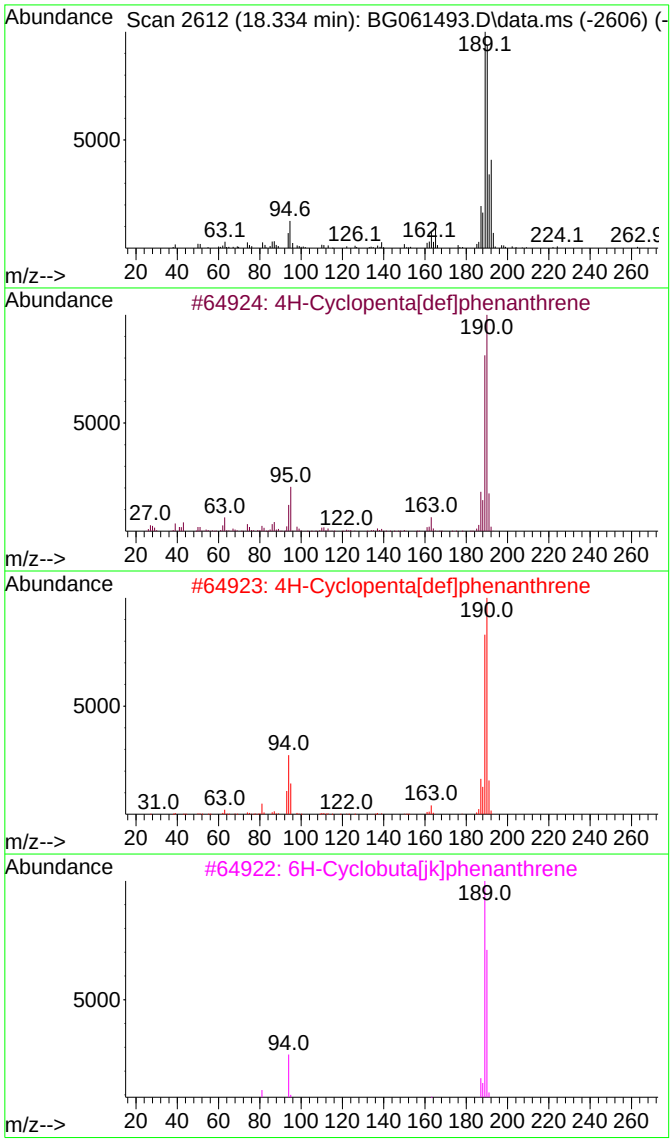
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

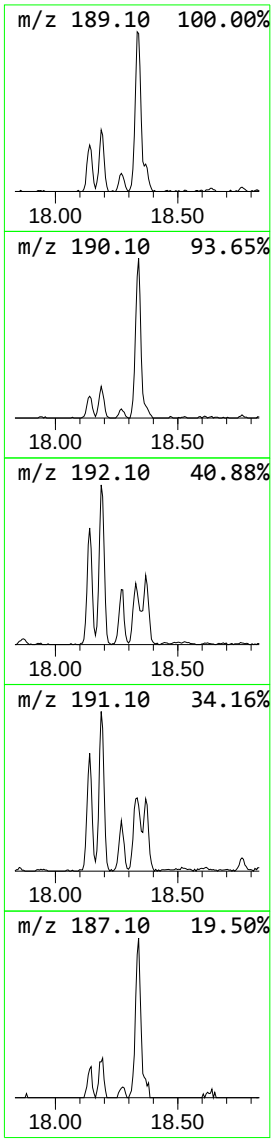
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.334	10.53 ng/ul	248191	Phenanthrene-d10	17.265

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	58
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50





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Sample : P2623-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

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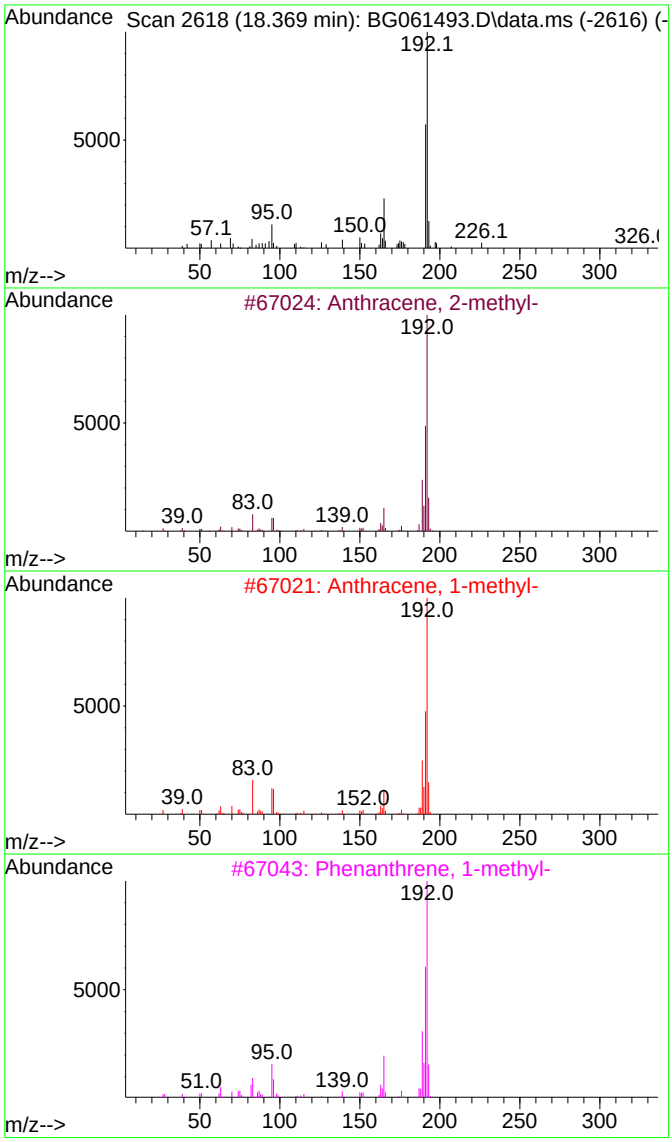
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

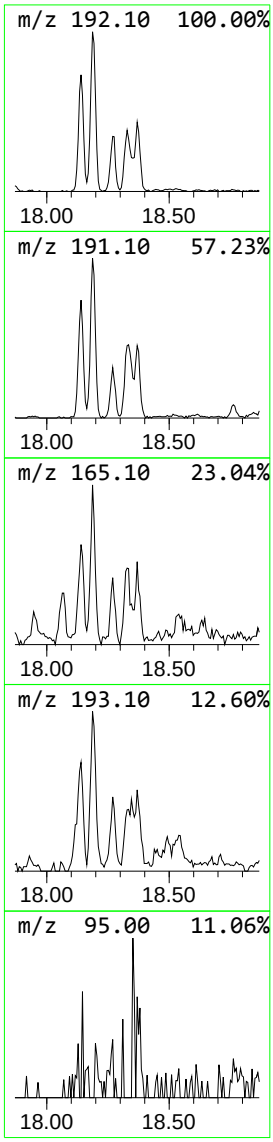
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.369	3.23 ng/ul	76214	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





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Sample : P2623-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

****
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.639	5.27 ng/ul	124346	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
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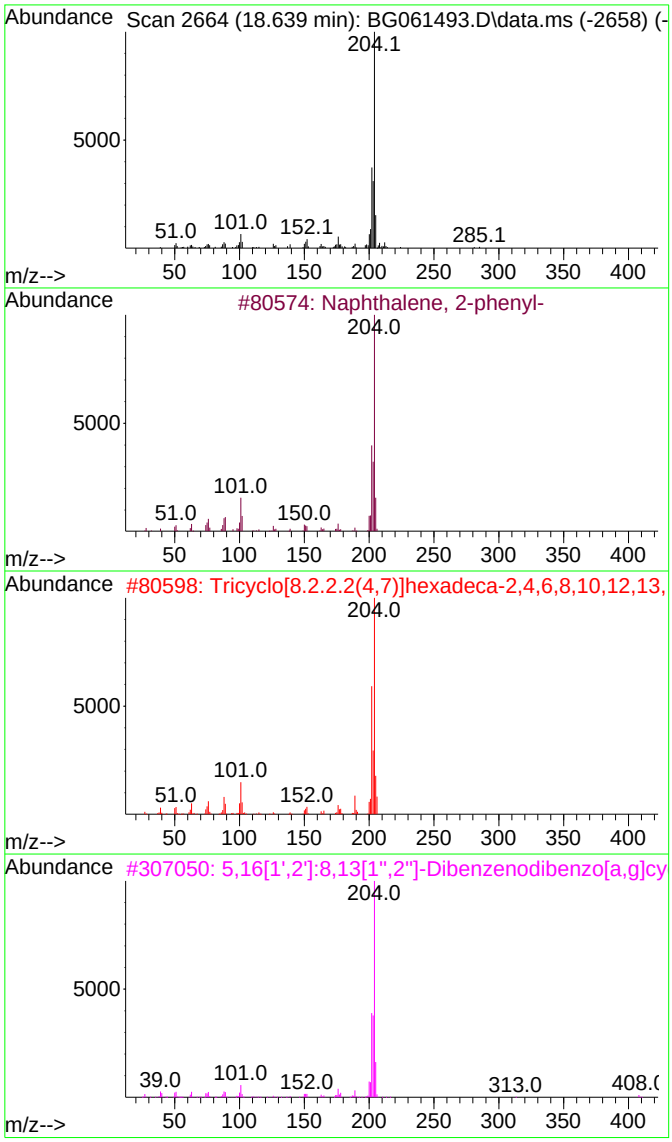

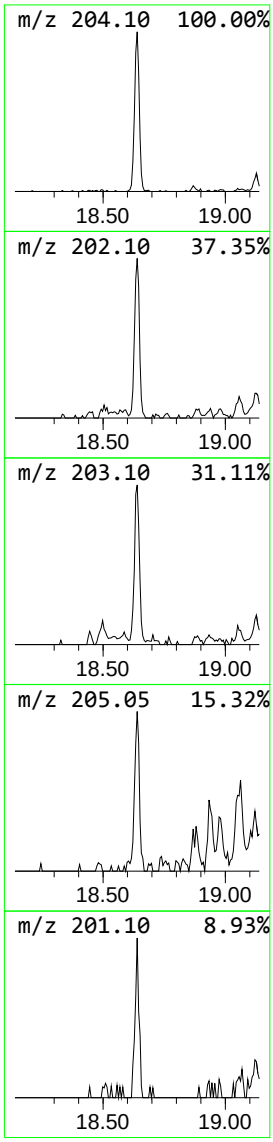

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Sample : P2623-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

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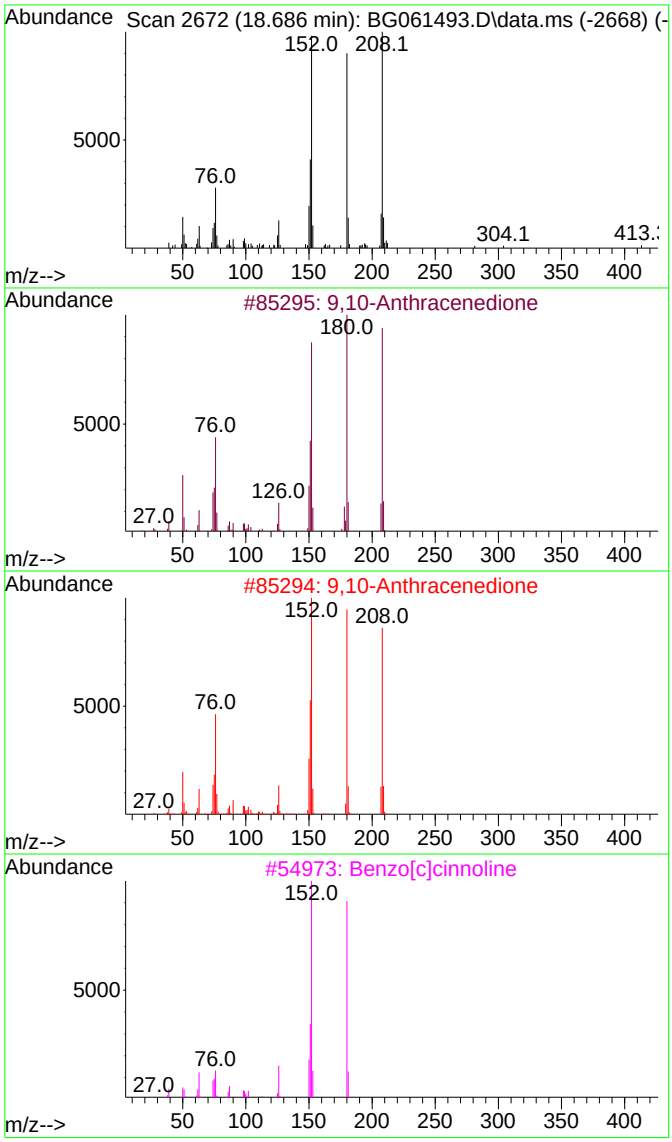
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

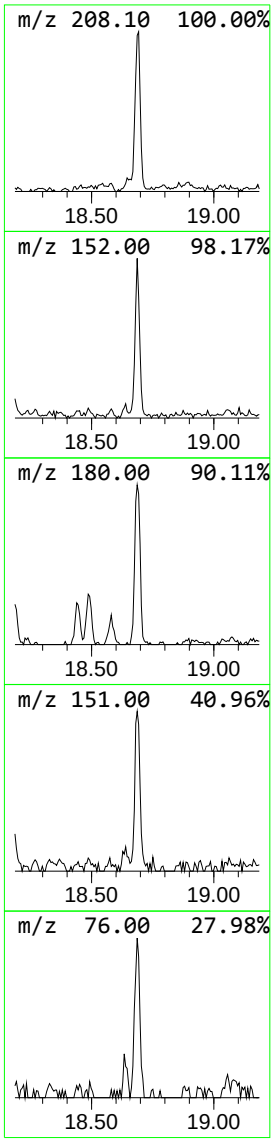
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.686	5.10 ng/ul	120222	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	81





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Misc :
ALS Vial : 10 Sample Multiplier: 1

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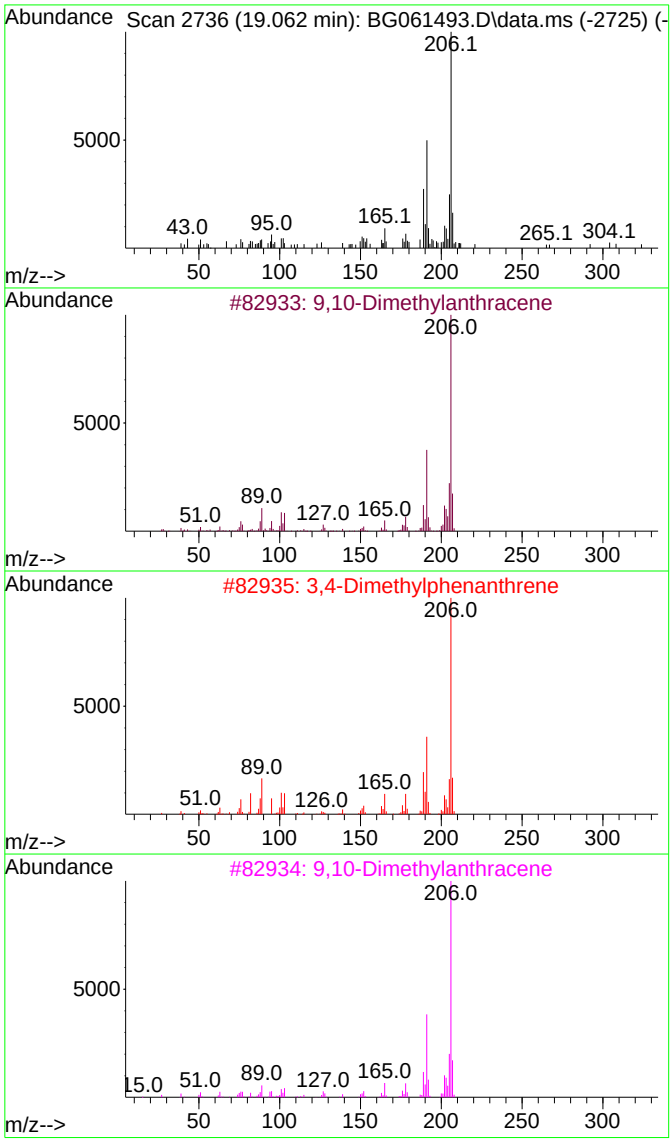
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

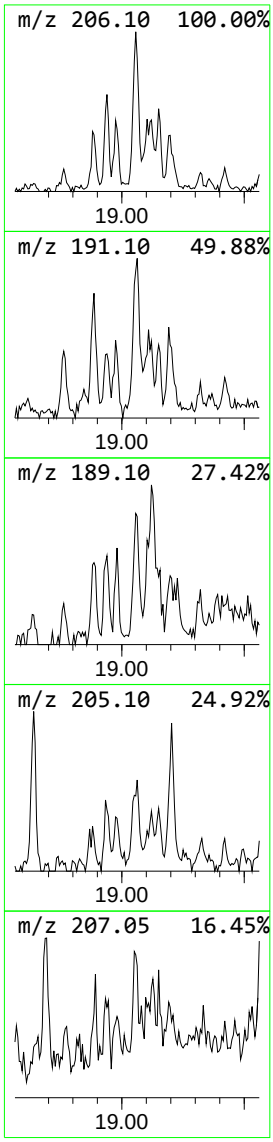
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 9,10-Dimethylanthracene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.062	4.67 ng/ul	110067	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90





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Misc :
ALS Vial : 10 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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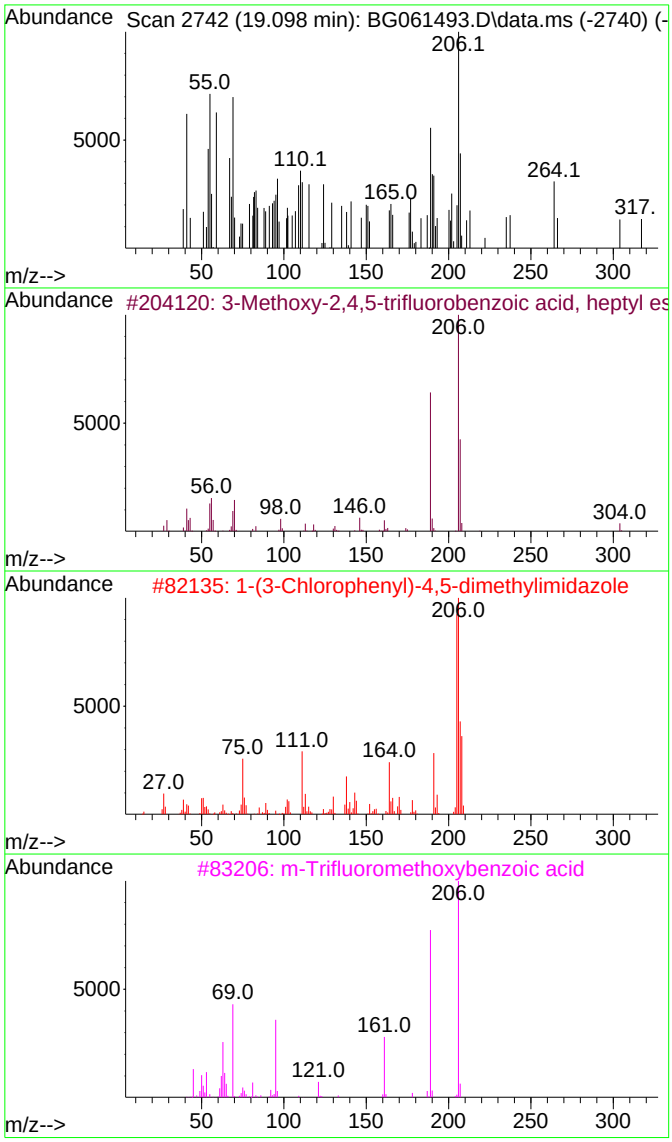
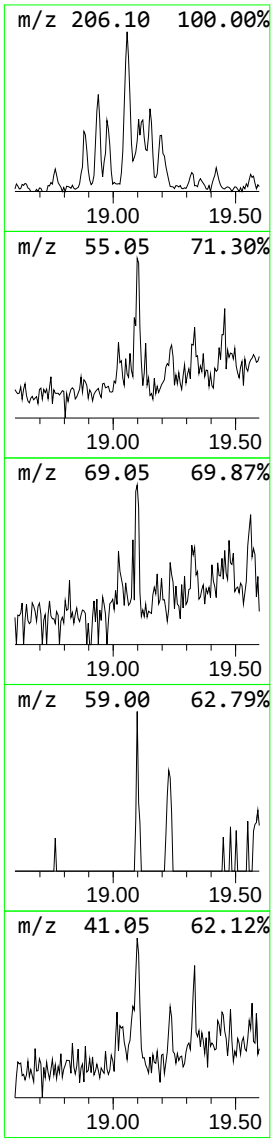
Peak Number 16 unknown-02 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.098	2.25 ng/ul	53080	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methoxy-2,4,5-trifluorobenzoic...	304	C15H19F3O3	1000338-76-4	47
2	1-(3-Chlorophenyl)-4,5-dimethyli...	206	C11H11ClN2	031033-76-8	46
3	m-Trifluoromethoxybenzoic acid	206	C8H5F3O3	001014-81-9	35
4	2,3-Dichloro-4-fluoroaniline, N,...	207	C8H8Cl2FN	1000506-35-9	35
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	27





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Acq On : 5 Jun 2024 19:18
Operator : MA/JU
Sample : P2623-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBR5

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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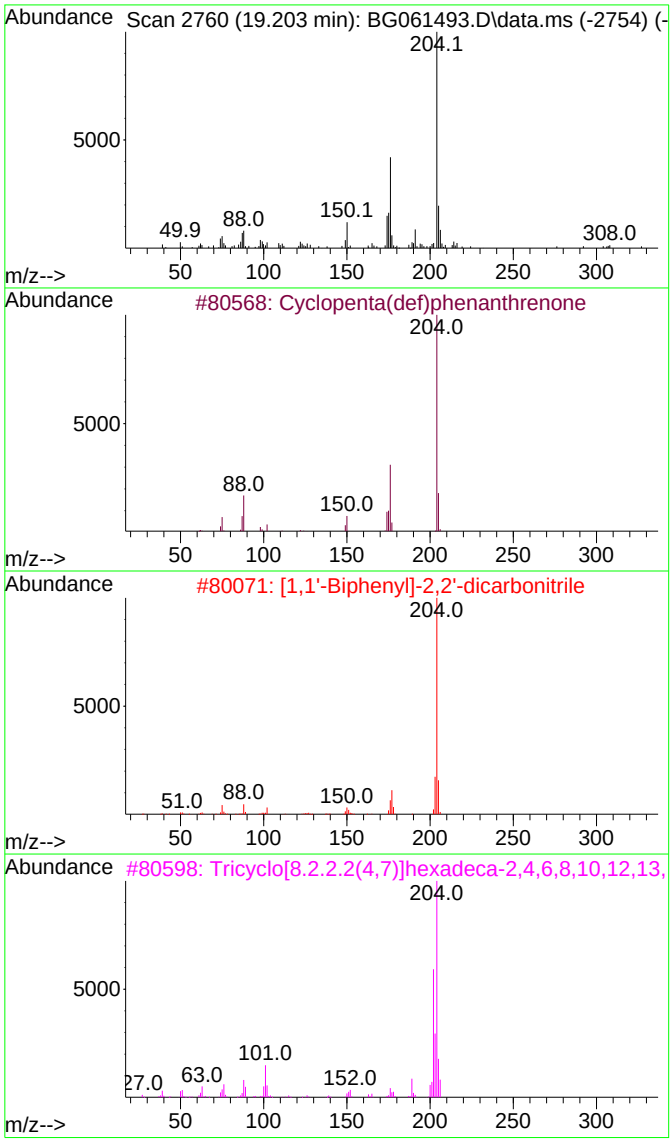
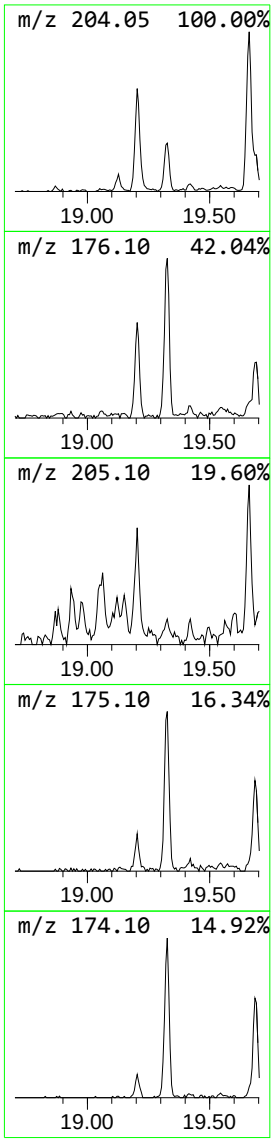
Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.203	5.52 ng/ul	130140	Phenanthrene-d10	17.265

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	46
4	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	46
5	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	45





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Data File : BG061493.D
Acq On : 5 Jun 2024 19:18
Operator : MA/JU
Sample : P2623-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBR5

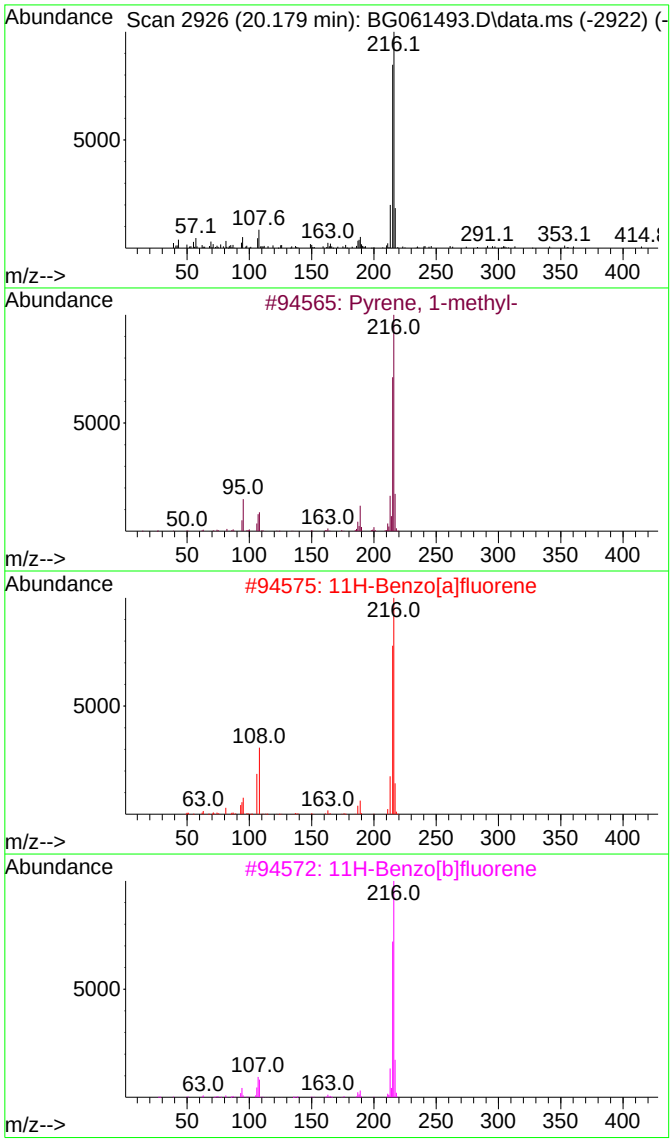
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

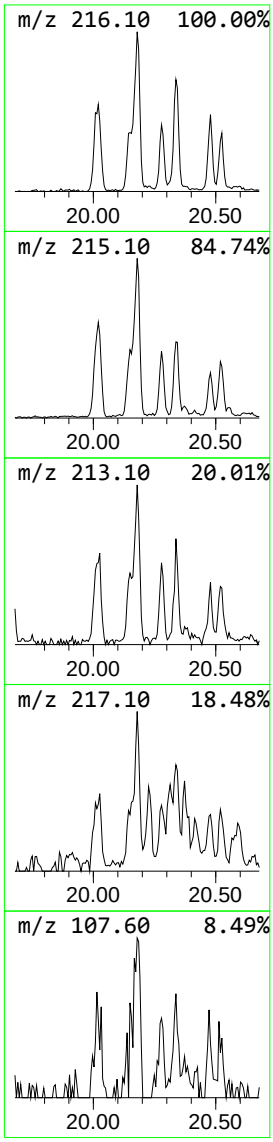
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Pyrene, 1-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.179	2.10 ng/ul	191909	Chrysene-d12	21.518

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





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Acq On : 5 Jun 2024 19:18
Operator : MA/JU
Sample : P2623-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBR5

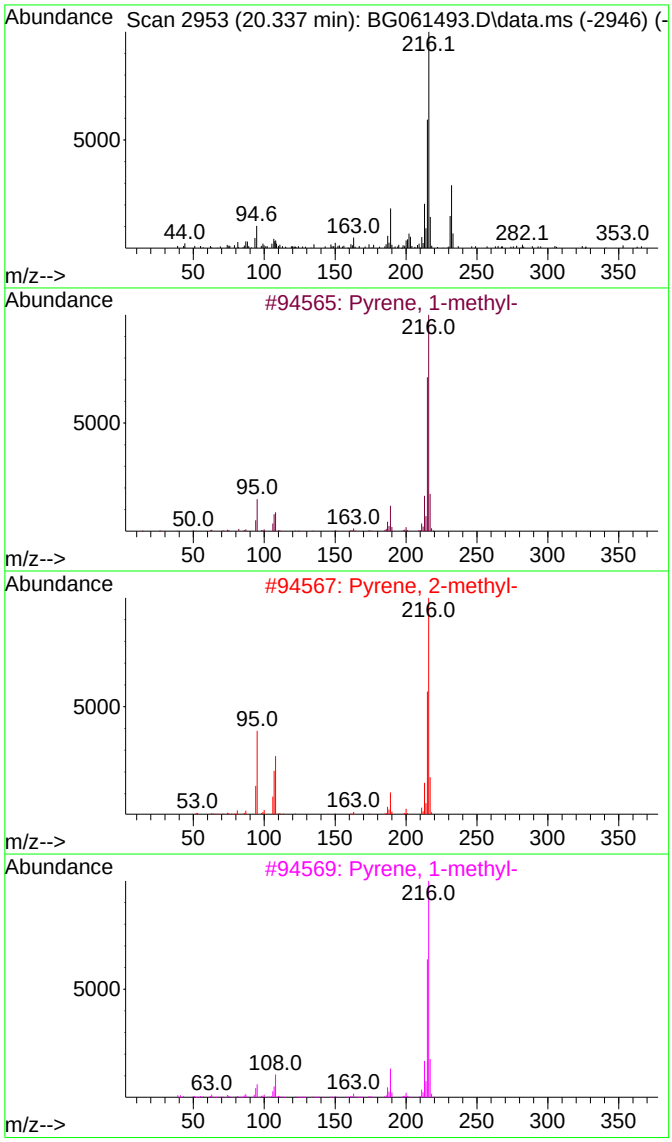
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

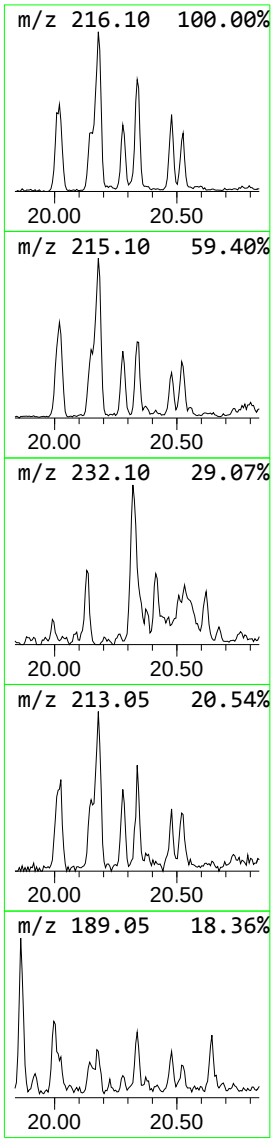
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Pyrene, 2-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.337	2.00 ng/ul	182729	Chrysene-d12	21.518

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70





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Acq On : 5 Jun 2024 19:18
Operator : MA/JU
Sample : P2623-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBR5

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

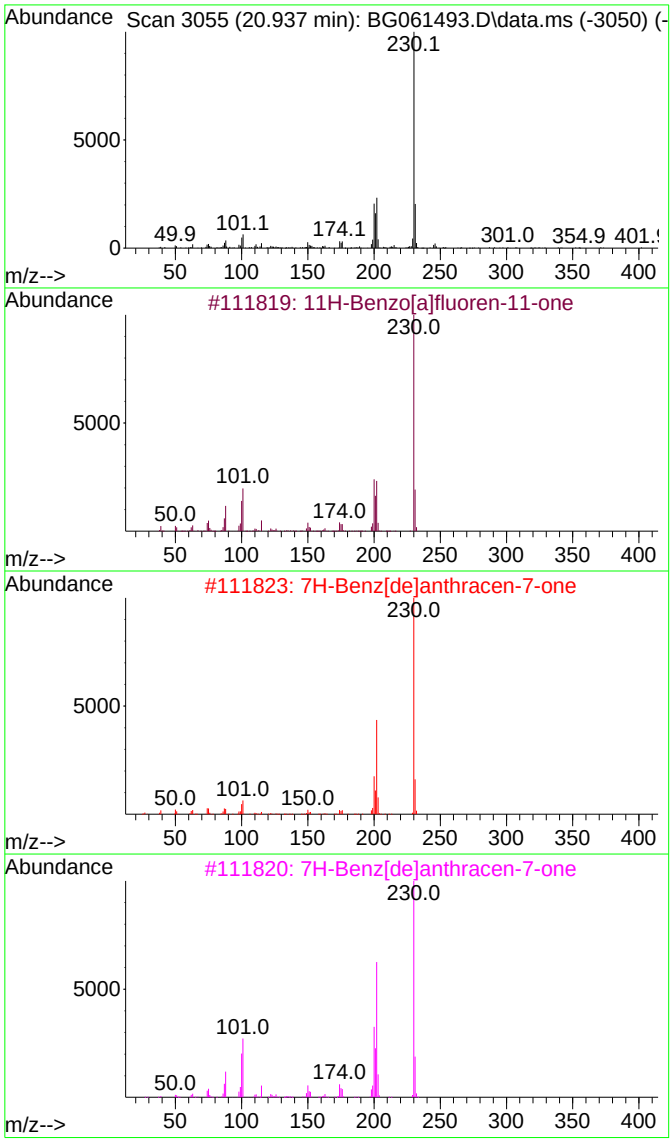
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

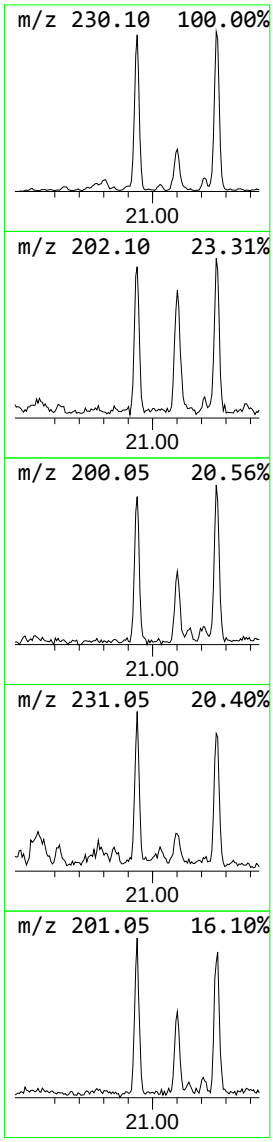
****

Peak Number 20 11H-Benzo[a]fluoren-11-one Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.937	2.52 ng/ul	229740	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	96
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	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74





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Acq On : 5 Jun 2024 19:18
Operator : MA/JU
Sample : P2623-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBR5

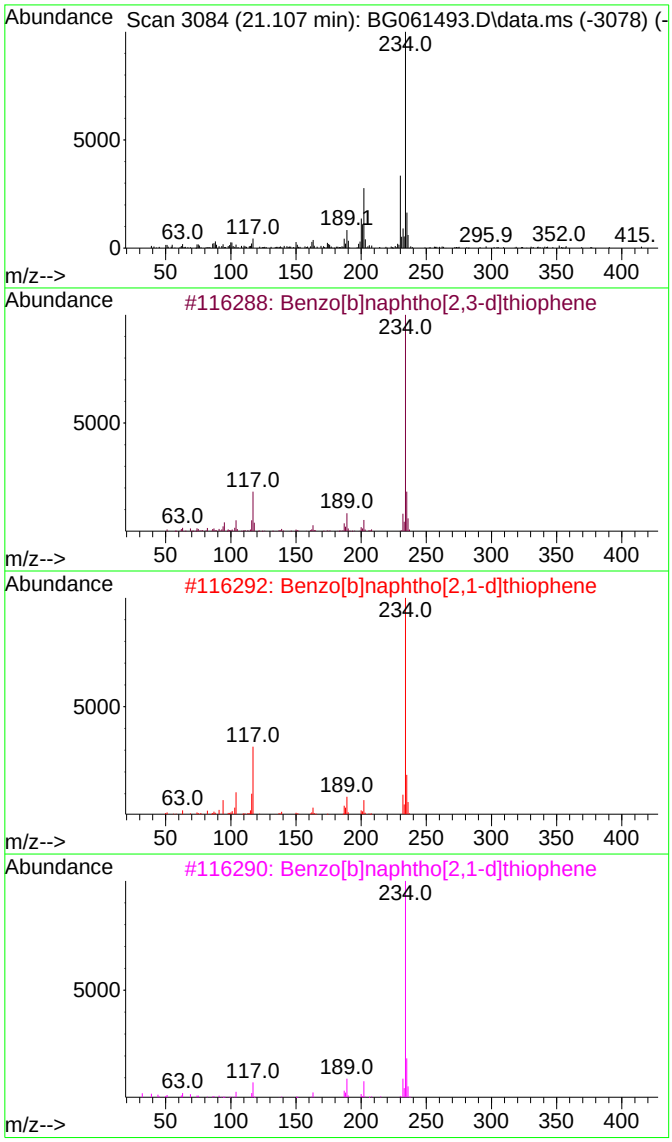
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

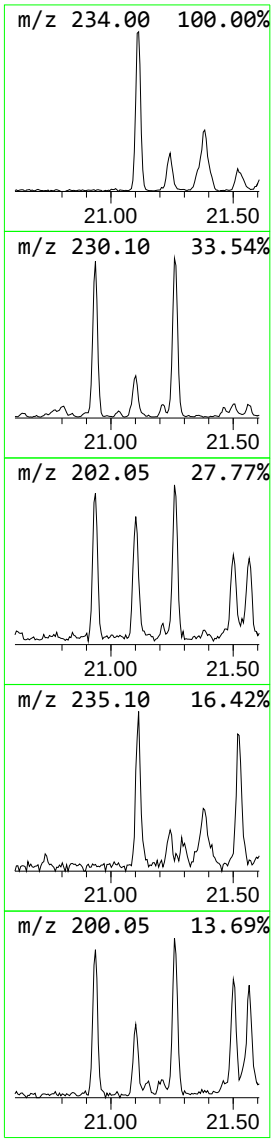
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.107	2.60 ng/ul	237410	Chrysene-d12	21.518

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	62
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	62
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	58
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	58
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	53





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Operator : MA/JU
Sample : P2623-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBR5

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

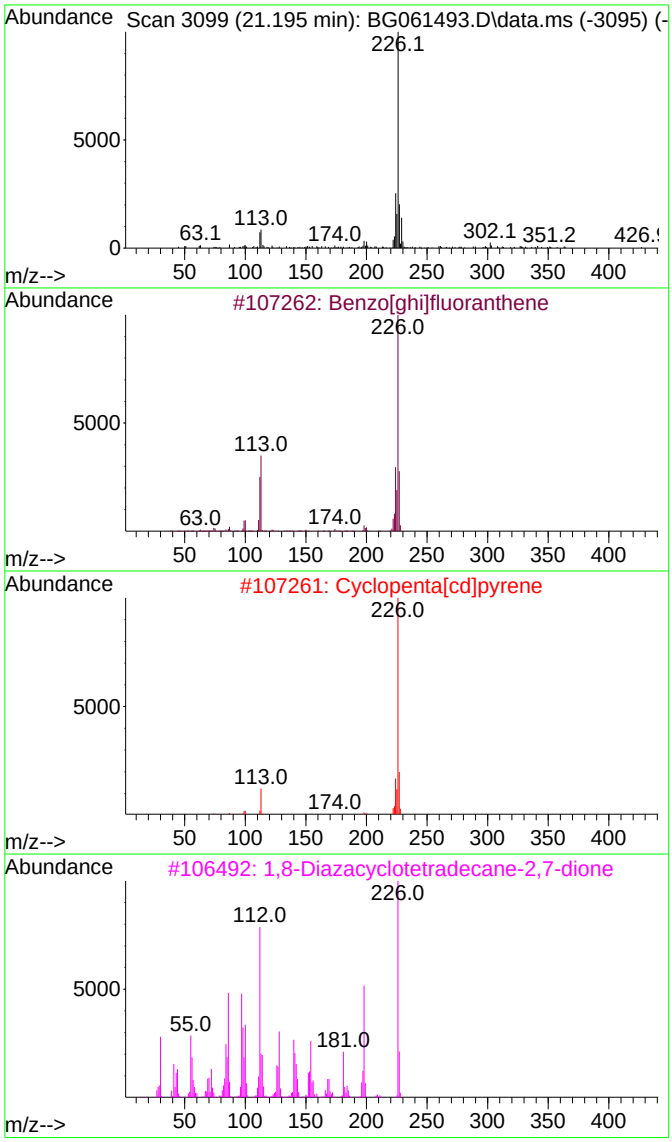
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

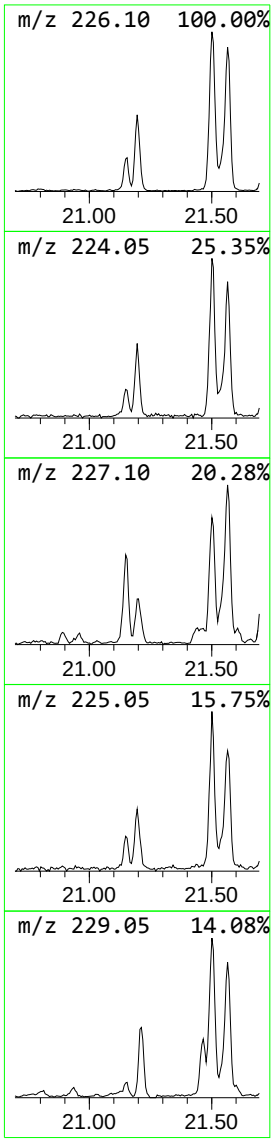
****

Peak Number 22 Benzo[ghi]fluoranthene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.195	2.93 ng/ul	267445	Chrysene-d12	21.518

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	76
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	59
3	1,8-Diazacyclotetradecane-2,7-dione	226	C12H22N2O2	004266-66-4	50
4	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	50
5	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	40





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Acq On : 5 Jun 2024 19:18
Operator : MA/JU
Sample : P2623-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

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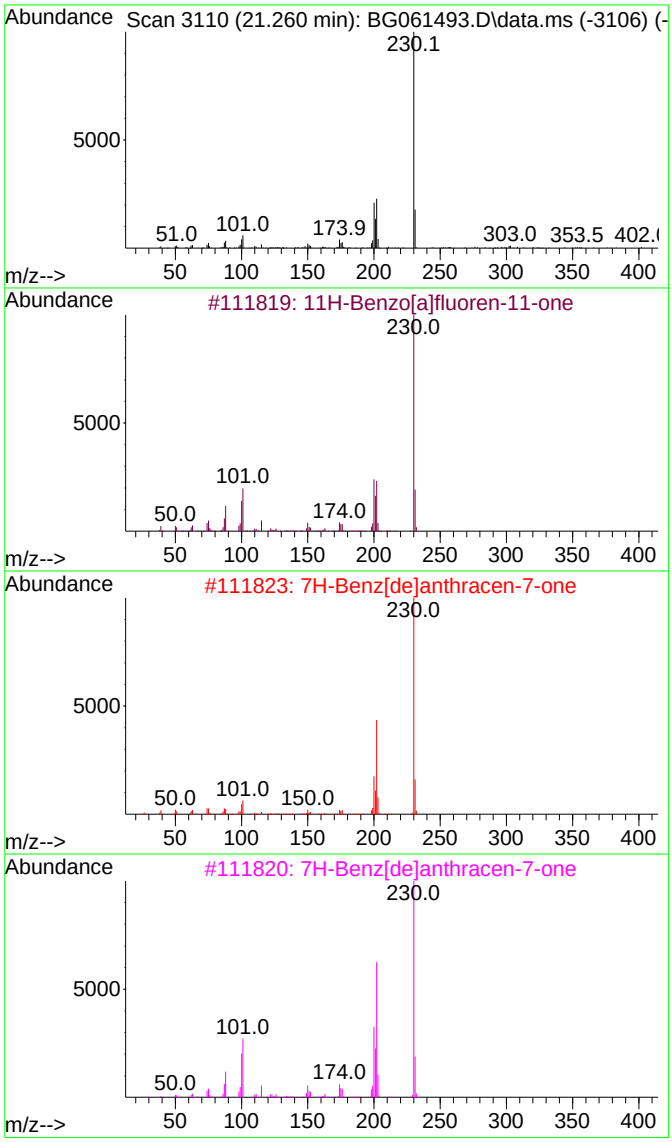
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

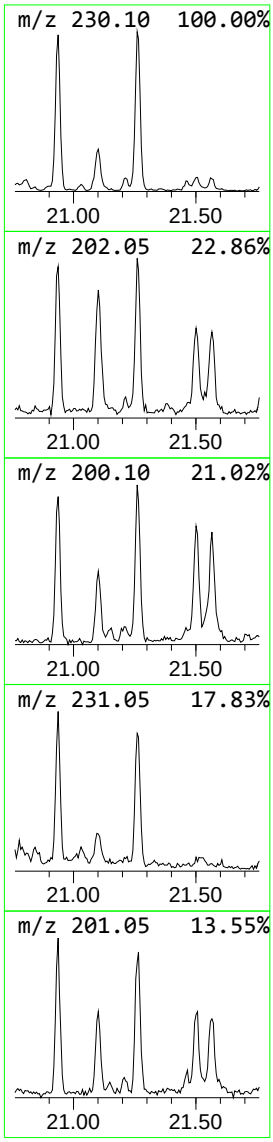
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 7H-Benz[de]anthracen-7-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.260	3.09 ng/ul	282038	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	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	80





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Operator : MA/JU
Sample : P2623-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBR5

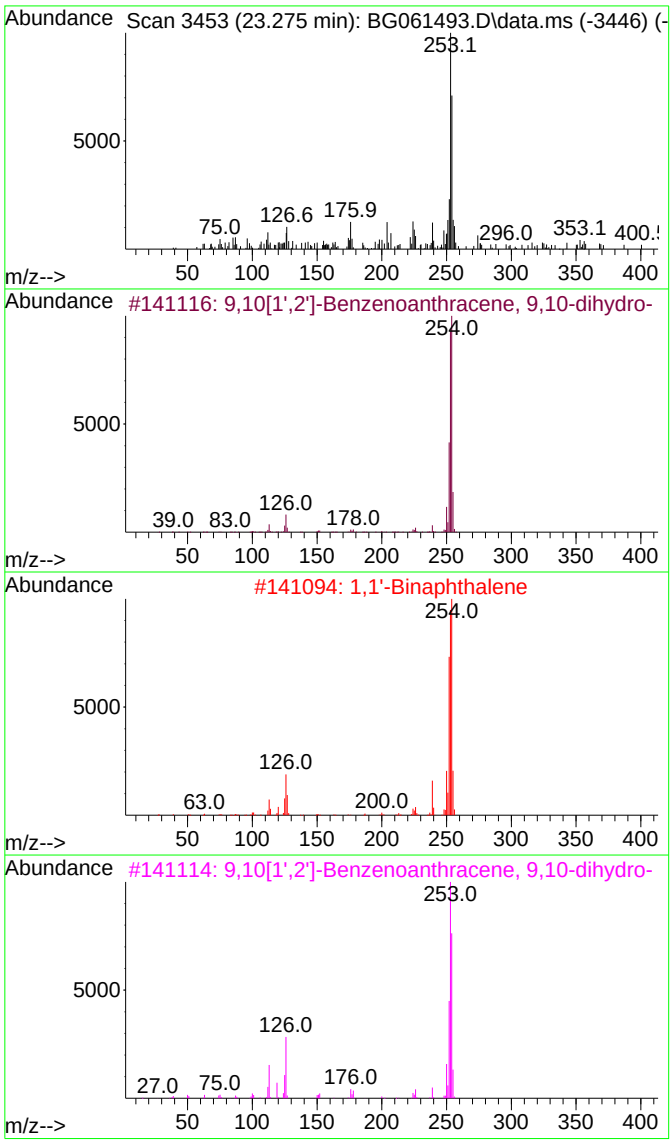
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION

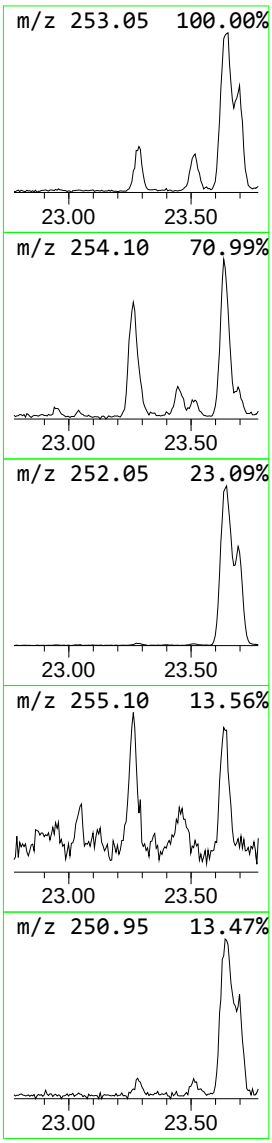
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 9,10[1',2']-Benzenoanthrace... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.275	3.78 ng/ul	124186	Perylene-d12	24.615

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	70
2	1,1'-Binaphthalene	254	C20H14	000604-53-5	62
3	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	58
4	Ergoline-8-methanol, 8,9-didehyd...	254	C16H18N2O	000548-43-6	52
5	3H-Pyrrolo[3,2-f]quinoline, 5-me...	254	C16H18N2O	1000350-44-1	52





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Acq On : 5 Jun 2024 19:18
Operator : MA/JU
Sample : P2623-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBR5

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

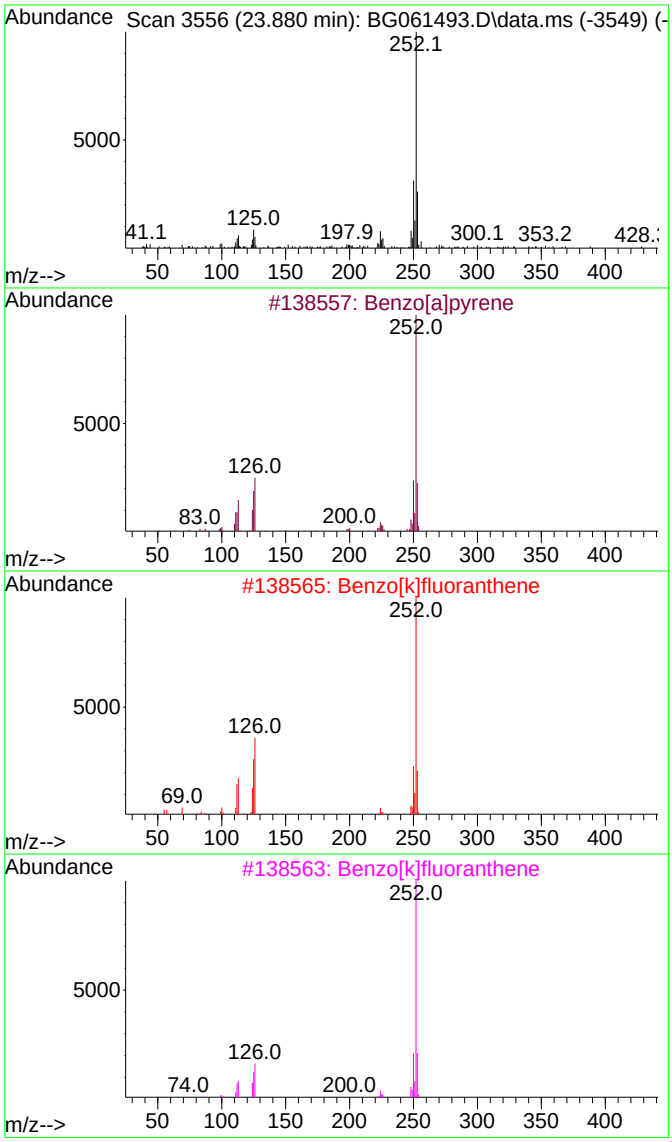
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

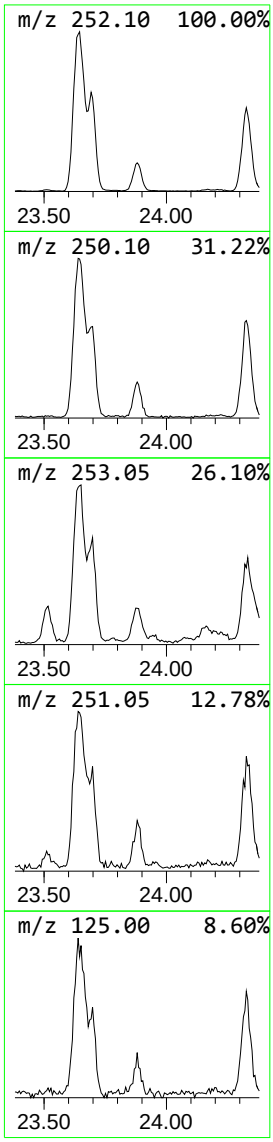
****

Peak Number 25 unknown-03 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.880	4.89 ng/ul	160587	Perylene-d12	24.615

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	93
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
4	Benzo[a]pyrene	252	C20H12	000050-32-8	76
5	Benzo[a]pyrene	252	C20H12	000050-32-8	76





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Acq On : 5 Jun 2024 19:18
Operator : MA/JU
Sample : P2623-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBR5

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

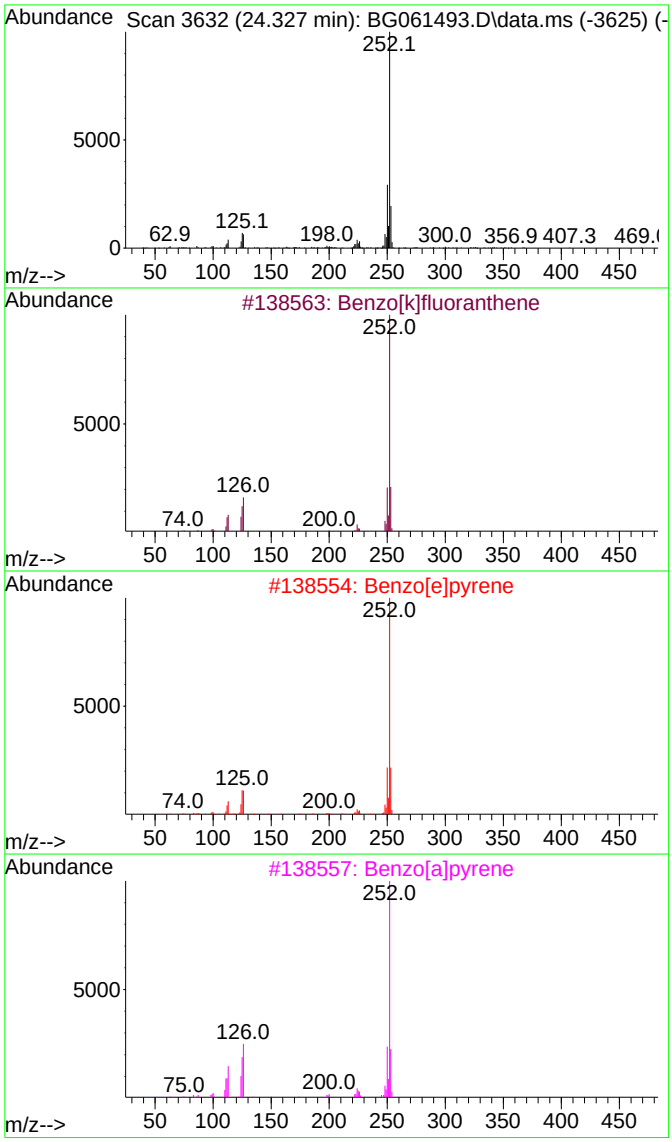
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

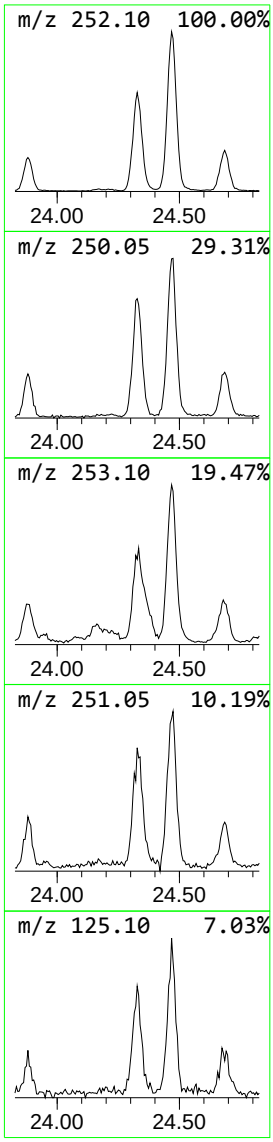
****

Peak Number 26 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.327	12.94 ng/ul	424889	Perylene-d12	24.615

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Tentatively Identified Compound (LSC) summary

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Data File : BG061493.D
Acq On : 5 Jun 2024 19:18
Operator : MA/JU
Sample : P2623-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BHBR5

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	33.1	ng/ul	322966	1	7.875	194830	20.0
unknown-01	3.604	7.3	ng/ul	70586	1	7.875	194830	20.0
1-Phenoxypropan...	11.407	4.4	ng/ul	59191	2	10.666	269722	20.0
9H-Fluoren-9-ol	15.854	2.3	ng/ul	43024	3	14.509	380308	20.0
2,4,6-Cycloheptt...	16.001	2.7	ng/ul	62978	4	17.265	471587	20.0
9H-Fluoren-9-one	16.918	5.2	ng/ul	121589	4	17.265	471587	20.0
Dibenzothiophene	17.082	4.0	ng/ul	93210	4	17.265	471587	20.0
Phenanthrene, 1...	18.140	6.9	ng/ul	161684	4	17.265	471587	20.0
Phenanthrene, 2...	18.187	9.5	ng/ul	224372	4	17.265	471587	20.0
1H-Indene, 2-ph...	18.269	2.8	ng/ul	65016	4	17.265	471587	20.0
4H-Cyclopenta[d...	18.334	10.5	ng/ul	248191	4	17.265	471587	20.0
Anthracene, 2-m...	18.369	3.2	ng/ul	76214	4	17.265	471587	20.0
Naphthalene, 2-...	18.639	5.3	ng/ul	124346	4	17.265	471587	20.0
9,10-Anthracene...	18.686	5.1	ng/ul	120222	4	17.265	471587	20.0
9,10-Dimethylan...	19.062	4.7	ng/ul	110067	4	17.265	471587	20.0
unknown-02	19.098	2.3	ng/ul	53080	4	17.265	471587	20.0
Cyclopenta(def)...	19.203	5.5	ng/ul	130140	4	17.265	471587	20.0
Pyrene, 1-methyl-	20.179	2.1	ng/ul	191909	5	21.518	1826580	20.0
Pyrene, 2-methyl-	20.337	2.0	ng/ul	182729	5	21.518	1826580	20.0
11H-Benzo[a]flu...	20.937	2.5	ng/ul	229740	5	21.518	1826580	20.0
Benzo[b]naphtho...	21.107	2.6	ng/ul	237410	5	21.518	1826580	20.0
Benzo[ghi]fluor...	21.195	2.9	ng/ul	267445	5	21.518	1826580	20.0
7H-Benz[de]anth...	21.260	3.1	ng/ul	282038	5	21.518	1826580	20.0
9,10[1',2']-Ben...	23.275	3.8	ng/ul	124186	6	24.615	656669	20.0
unknown-03	23.880	4.9	ng/ul	160587	6	24.615	656669	20.0
Benzo[e]pyrene	24.327	12.9	ng/ul	424889	6	24.615	656669	20.0