LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062071.D
Acq On : 15 Jul 2024 16:38
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D51

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-BG070224.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG062071.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.435	20	25	29	rBV4	9076	13989	0.45%	0.044%
2	3.712	68	72	78	rBV	14106	23146	0.74%	0.072%
3	3.858	94	97	106	rBV3	37613	64022	2.05%	0.200%
4	3.970	112	116	120	rVB3	12290	15628	0.50%	0.049%
5	5.116	307	311	316	rVB	11255	16452	0.53%	0.051%
6	6.091	473	477	483	rBV3	5783	10243	0.33%	0.032%
7	7.202	658	666	674	rBV3	191932	349149	11.18%	1.090%
8	7.360	684	693	699	rBV	99593	160804	5.15%	0.502%
9	7.572	722	729	735	rBV	167936	284394	9.11%	0.888%
10	8.042	802	809	814	rBV	182120	311293	9.97%	0.972%
11	8.582	897	901	908	rVB8	5034	10812	0.35%	0.034%
12	8.670	911	916	922	rBV3	13381	21489	0.69%	0.067%
13	8.747	922	929	935	rBV2	237497	402220	12.88%	1.256%
14	9.140	990	996	1000	rBV4	7713	10557	0.34%	0.033%
15	9.205	1000	1007	1015	rBV2	162102	284942	9.13%	0.890%
16	9.358	1029	1033	1036	rBV3	7525	8808	0.28%	0.028%
17	9.581	1067	1071	1076	rVB4	6186	10560	0.34%	0.033%
18	9.669	1082	1086	1089	rBV4	6671	9000	0.29%	0.028%
19	9.722	1092	1095	1097	rVV3	9619	13765	0.44%	0.043%
20	9.752	1097	1100	1107	rVB4	17226	26731	0.86%	0.083%
21	9.928	1122	1130	1137	rBV2	156779	289461	9.27%	0.904%
22	10.239	1178	1183	1188	rBV7	7254	12109	0.39%	0.038%
23	10.468	1216	1222	1231	rBV	254517	451081	14.45%	1.408%
24	10.850	1280	1287	1295	rBV	275325	477785	15.30%	1.492%
25	10.997	1307	1312	1315	rBV5	7909	13337	0.43%	0.042%
26	11.261	1355	1357	1364	rVB5	6102	10513	0.34%	0.033%
27	11.367	1370	1375	1382	rBV5	8468	16799	0.54%	0.052%
28	11.585	1406	1412	1419	rBV4	26988	55159	1.77%	0.172%
29	12.501	1561	1568	1575	rVB4	11578	24397	0.78%	0.076%
30	12.719	1601	1605	1610	rVB3	14722	22971	0.74%	0.072%
31	13.424	1721	1725	1730	rBV4	12391	19198	0.61%	0.060%
32	13.477	1730	1734	1736	rBV3	6686	9046	0.29%	0.028%
33	13.594	1751	1754	1756	rBV3	6974	8643	0.28%	0.027%
34	13.700	1769	1772	1775	rBV3	6387	8978	0.29%	0.028%
35	13.806	1784	1790	1806	rBV	251537	566135	18.13%	1.768%
36	13.988	1816	1821	1826	rVB3	99950	148628	4.76%	0.464%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062071.D
Acq On : 15 Jul 2024 16:38
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D51

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-BG070224.MA.M
Title : SVOA CALIBRATION

37	14.070	1828	1835	1842	rVB	506919	766318	24.55%	2.393%
38	14.187	1852	1855	1858	rVB4	12193	12508	0.40%	0.039%
39	14.229	1859	1862	1864	rVB4	11015	10303	0.33%	0.032%
40	14.370	1879	1886	1895	rVV	506522	844185	27.04%	2.636%
41	14.499	1902	1908	1913	rBV4	48925	76158	2.44%	0.238%
42	14.616	1924	1928	1931	rBV3	31610	47214	1.51%	0.147%
43	14.669	1931	1937	1943	rVB	449149	677980	21.72%	2.117%
44	14.728	1943	1947	1952	rBV2	107186	155863	4.99%	0.487%
45	14.781	1952	1956	1963	rVB6	70116	119809	3.84%	0.374%
46	14.875	1965	1972	1976	rBV2	234871	430499	13.79%	1.344%
47	15.069	2000	2005	2010	rVB2	63932	103973	3.33%	0.325%
48	15.128	2011	2015	2021	rVB7	25156	47353	1.52%	0.148%
49	15.445	2064	2069	2073	rBV8	10935	26059	0.83%	0.081%
50	15.662	2096	2106	2111	rBV	663188	1012400	32.43%	3.161%
51	15.715	2111	2115	2121	rVB	153822	233210	7.47%	0.728%
52	15.780	2121	2126	2133	rBV2	211501	325361	10.42%	1.016%
53	15.838	2134	2136	2140	rVB4	18403	19508	0.62%	0.061%
54	15.880	2140	2143	2144	rBV3	11927	13402	0.43%	0.042%
55	16.003	2162	2164	2170	rVB	42413	52127	1.67%	0.163%
56	16.097	2176	2180	2181	rBV4	18393	22572	0.72%	0.070%
57	16.150	2186	2189	2196	rVB	38449	67561	2.16%	0.211%
58	16.226	2199	2202	2208	rVV7	14569	26477	0.85%	0.083%
59	16.279	2208	2211	2220	rVB6	46814	79971	2.56%	0.250%
60	16.356	2221	2224	2225	rBV3	13153	13376	0.43%	0.042%
61	16.714	2276	2285	2290	rBV4	44906	106953	3.43%	0.334%
62	16.761	2290	2293	2297	rBV4	18711	32179	1.03%	0.100%
63	16.802	2297	2300	2307	rVB8	19420	41279	1.32%	0.129%
64	16.943	2319	2324	2328	rBV6	27599	46789	1.50%	0.146%
65	17.066	2342	2345	2349	rVB	37986	43470	1.39%	0.136%
66	17.113	2349	2353	2357	rBV4	104891	152597	4.89%	0.476%
67	17.231	2369	2373	2379	rVB	72971	123259	3.95%	0.385%
68	17.290	2381	2383	2386	rBV4	13015	14624	0.47%	0.046%
69	17.419	2399	2405	2408	rBV	516214	838207	26.85%	2.617%
70	17.460	2408	2412	2417	rVB	1317160	1837126	58.85%	5.736%
71	17.513	2417	2421	2425	rBV	659841	1094653	35.06%	3.418%
72	17.819	2470	2473	2480	rVB3	60440	94624	3.03%	0.295%
73	17.930	2488	2492	2497	rBV3	40449	65789	2.11%	0.205%
74	17.995	2500	2503	2511	rVB8	26060	51837	1.66%	0.162%
75	18.059	2512	2514	2518	rVV5	17285	19468	0.62%	0.061%
76	18.230	2541	2543	2547	rBV4	19591	26665	0.85%	0.083%

LSC Area Percent Report

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Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D51

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
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77	18.294	2549	2554	2558	rVV2	342409	521239	16.70%	1.628%
78	18.336	2558	2561	2566	rVB	227767	305263	9.78%	0.953%
79	18.418	2571	2575	2580	rVB	71242	104292	3.34%	0.326%
80	18.488	2580	2587	2590	rBV2	275346	519334	16.64%	1.622%
81	18.576	2598	2602	2609	rBV5	107817	151000	4.84%	0.471%
82	18.782	2633	2637	2641	rBV2	128966	177239	5.68%	0.553%
83	18.829	2641	2645	2649	rVB2	94265	122701	3.93%	0.383%
84	19.205	2704	2709	2712	rBV4	96965	145812	4.67%	0.455%
85	19.470	2748	2754	2760	rVB	2234492	3121822	100.00%	9.748%
86	19.710	2791	2795	2803	rVB3	111349	207539	6.65%	0.648%
87	19.799	2804	2810	2812	rVV2	873715	1405117	45.01%	4.387%
88	19.828	2812	2815	2821	rVV	1337216	1811319	58.02%	5.656%
89	19.893	2823	2826	2833	rVB2	80037	119341	3.82%	0.373%
90	19.998	2841	2844	2848	rVB	111084	139486	4.47%	0.436%
91	20.145	2864	2869	2875	rVB6	109244	263196	8.43%	0.822%
92	20.310	2894	2897	2903	rVB	380344	557692	17.86%	1.741%
93	20.415	2911	2915	2918	rBV	250266	330069	10.57%	1.031%
94	21.303	3062	3066	3070	rBV2	336031	483330	15.48%	1.509%
95	21.408	3080	3084	3091	rVB3	155244	347534	11.13%	1.085%
96	21.661	3121	3127	3134	rBV3	1054134	2477734	79.37%	7.737%
97	21.720	3134	3137	3148	rVB	827102	1325723	42.47%	4.140%
98	22.454	3258	3262	3265	rBV4	251415	457735	14.66%	1.429%
99	23.876	3495	3504	3509	rBV	529468	1690872	54.16%	5.280%
100	26.015	3860	3868	3881	rVB3	413558	1284578	41.15%	4.011%

Sum of corrected areas: 32025917

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062071.D
Acq On : 15 Jul 2024 16:38
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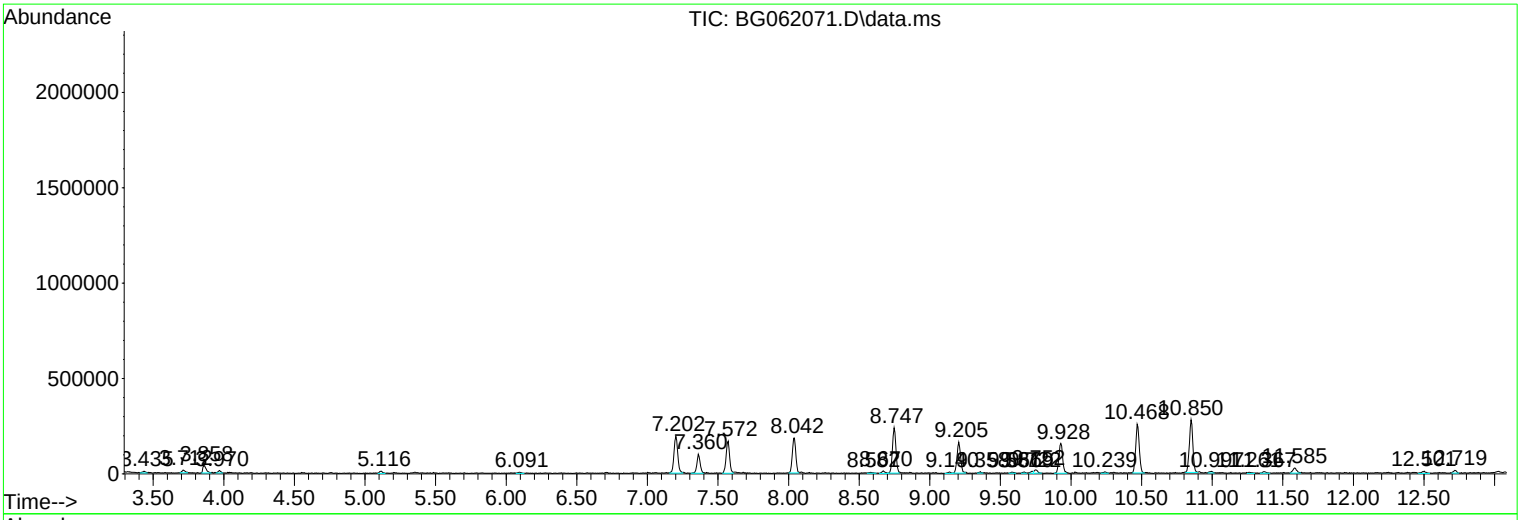
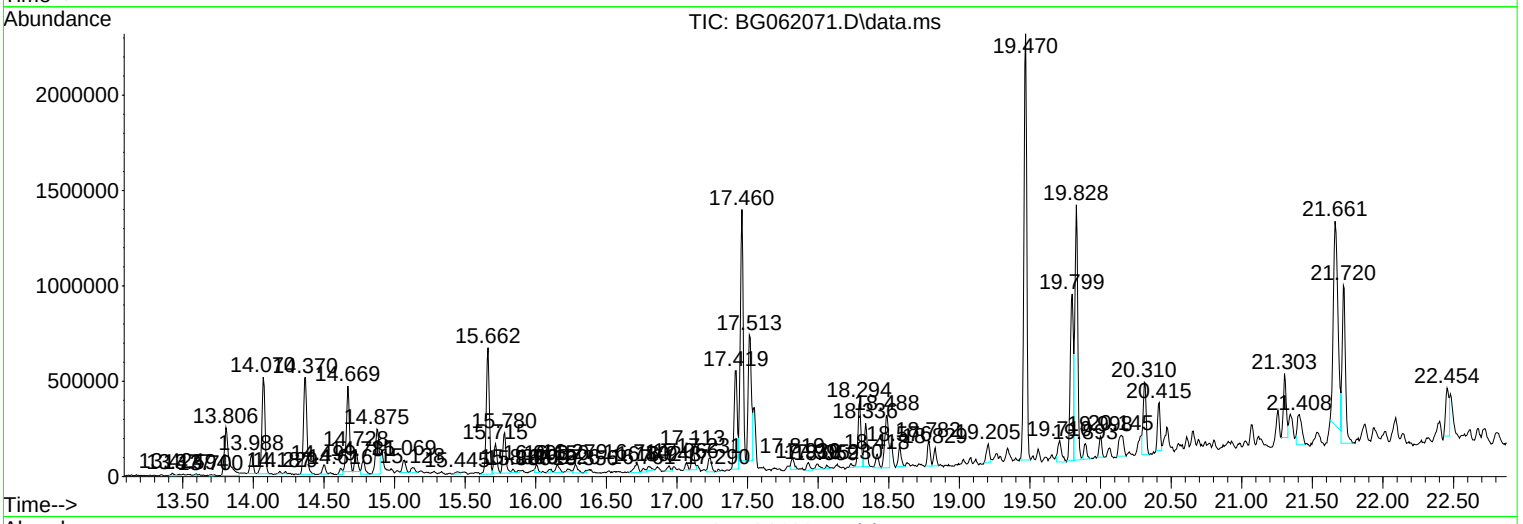
Sample : P3100-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

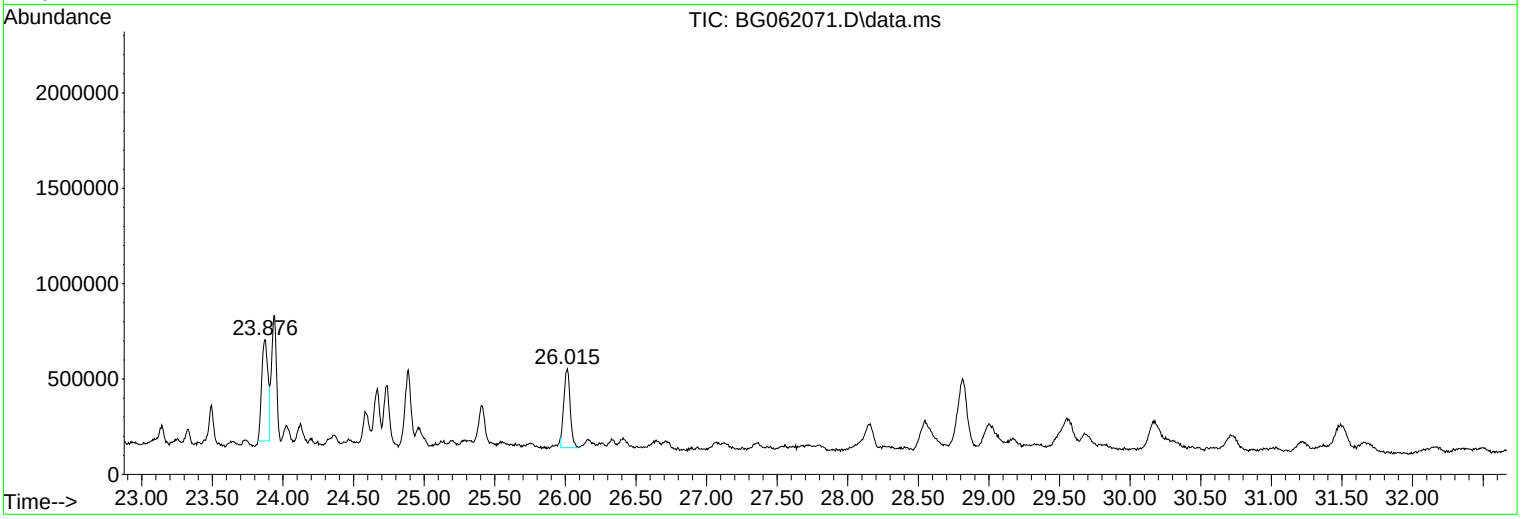
Instrument :
BNA_G
ClientSampleId :
A4D51

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.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\BG071524\
Data File : BG062071.D
Acq On : 15 Jul 2024 16:38
Operator : MA/JU
Sample : P3100-23
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D51

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

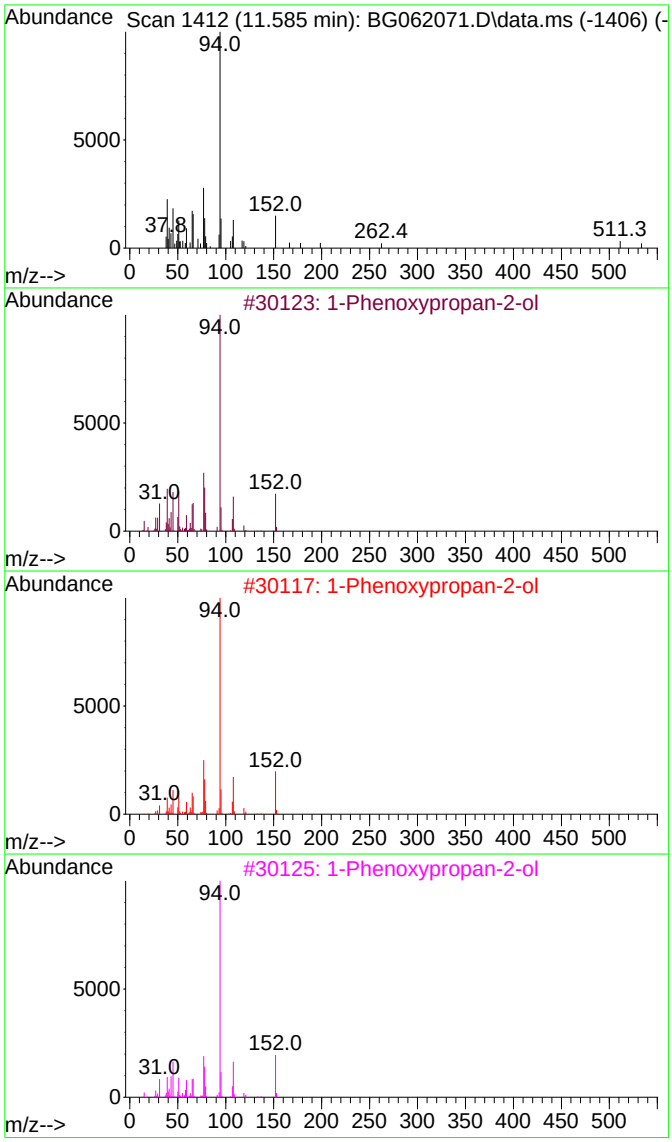
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

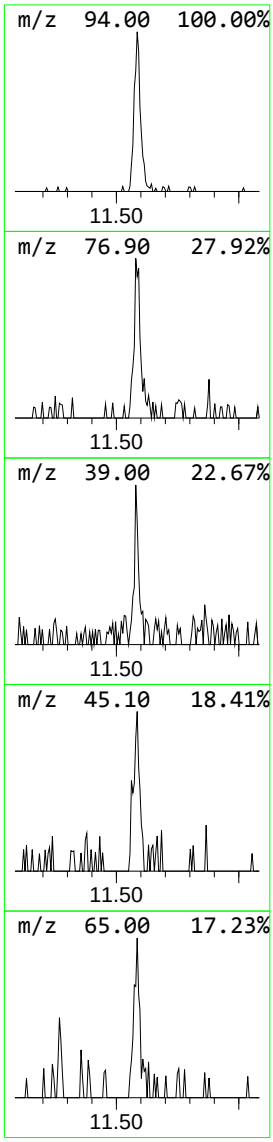
****

Peak Number 1 1-Phenoxypropan-2-ol Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.585	2.31 ng/ul	55159	Naphthalene-d8	10.850

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	94
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	93
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	87
4	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	87
5	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062071.D
Acq On : 15 Jul 2024 16:38
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D51

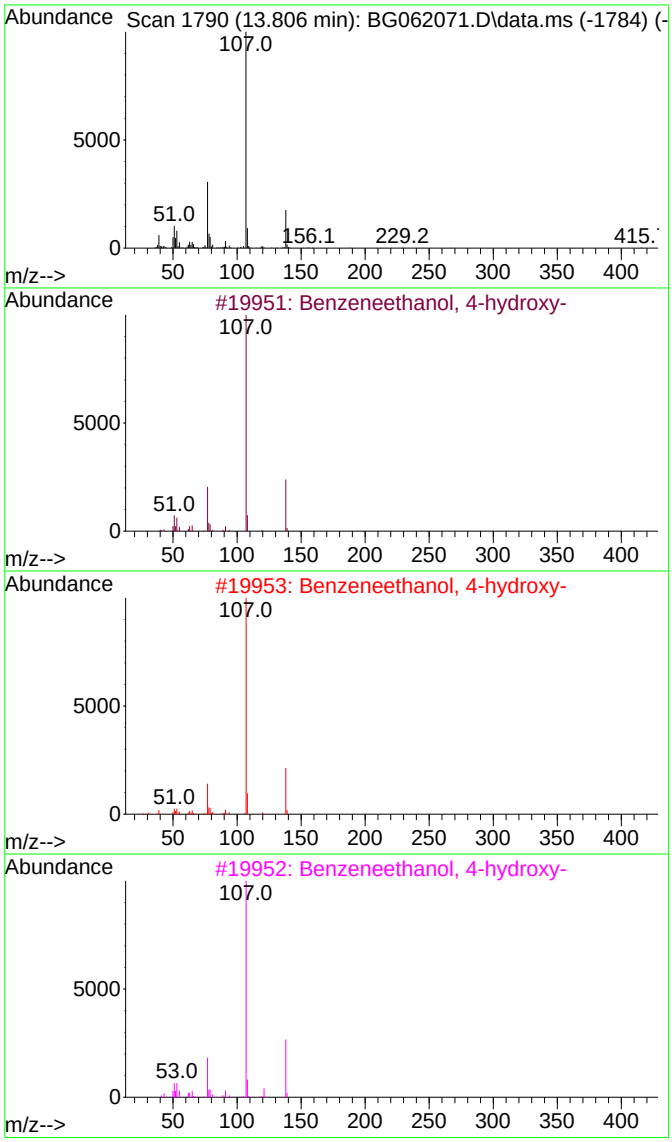
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

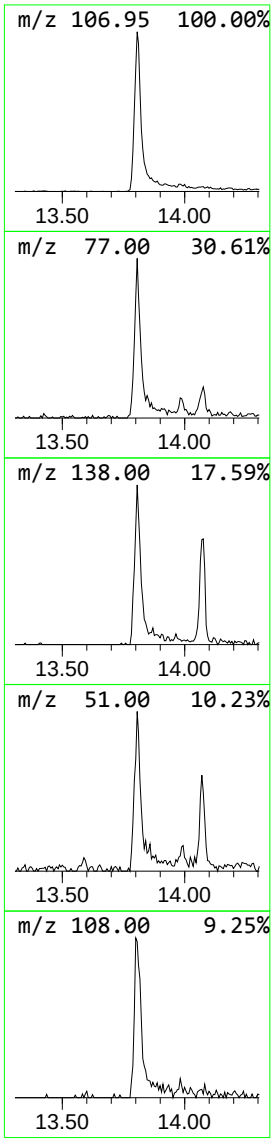
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzeneethanol, 4-hydroxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.806	16.70 ng/ul	566135	Acenaphthene-d10	14.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanol, 4-hydroxy-	138	C8H10O2	000501-94-0	91
2	Benzeneethanol, 4-hydroxy-	138	C8H10O2	000501-94-0	91
3	Benzeneethanol, 4-hydroxy-	138	C8H10O2	000501-94-0	90
4	Mandelic acid	152	C8H8O3	000090-64-2	72
5	Benzeneacetic acid, 4-hydroxy-	152	C8H8O3	000156-38-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062071.D
Acq On : 15 Jul 2024 16:38
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D51

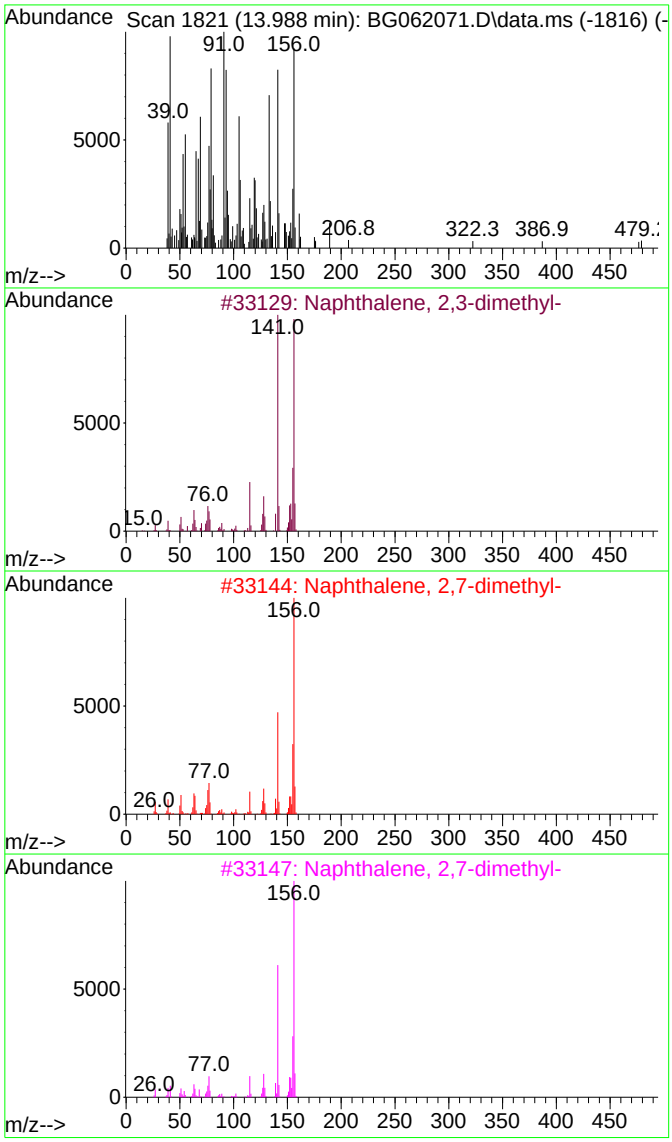
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

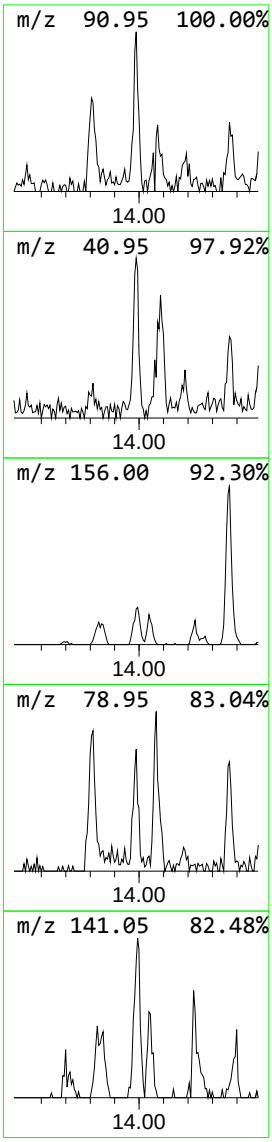
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.988	4.38 ng/ul	148628	Acenaphthene-d10	14.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	56
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	42
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	41
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	40
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062071.D
Acq On : 15 Jul 2024 16:38
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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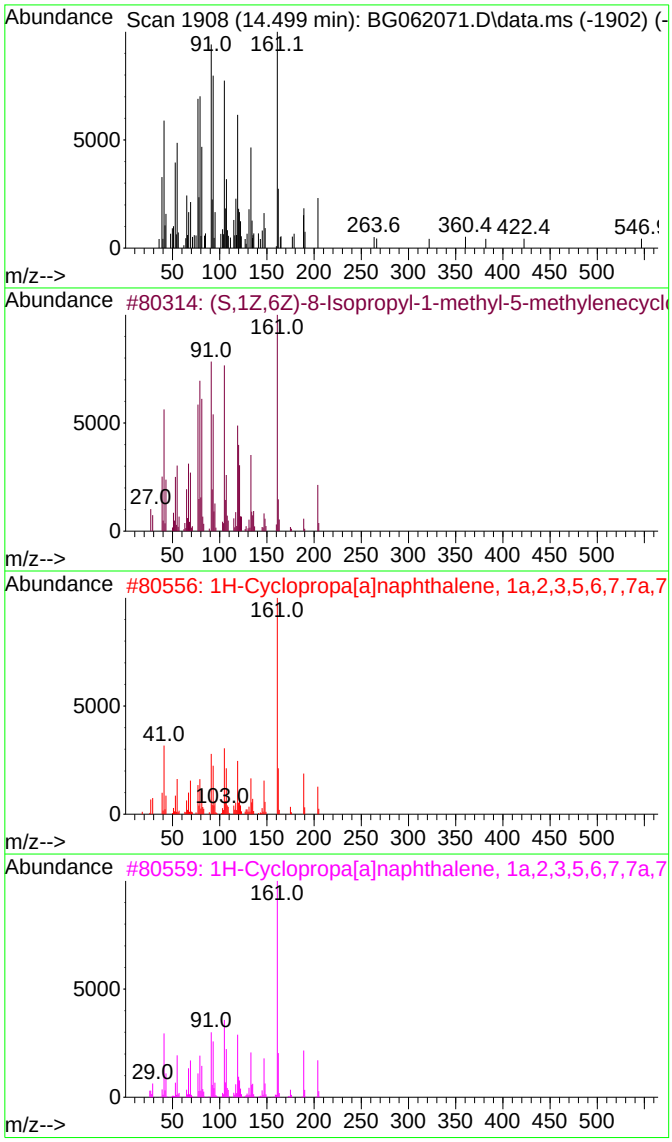
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

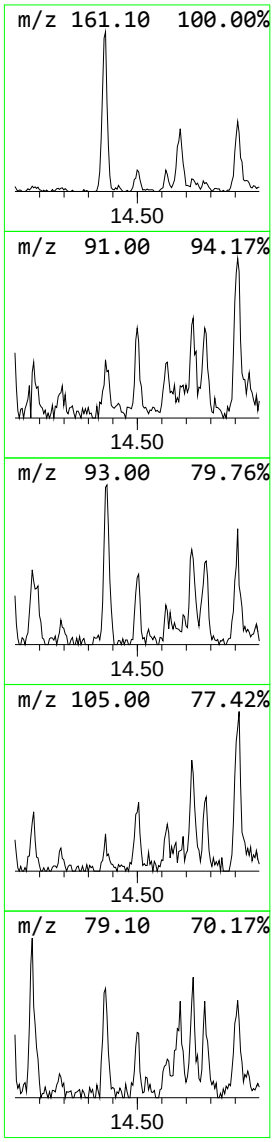
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (S,1Z,6Z)-8-Isopropyl-1-met... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.499	2.25 ng/ul	76158	Acenaphthene-d10	14.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(S,1Z,6Z)-8-Isopropyl-1-methyl-5...	204	C15H24	317819-80-0	90
2	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	017334-55-3	78
3	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	017334-55-3	78
4	.gamma.-Muurolene	204	C15H24	030021-74-0	70
5	1H-Cyclopropa[a]naphthalene, 1a,...	204	C15H24	017334-55-3	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062071.D
Acq On : 15 Jul 2024 16:38
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

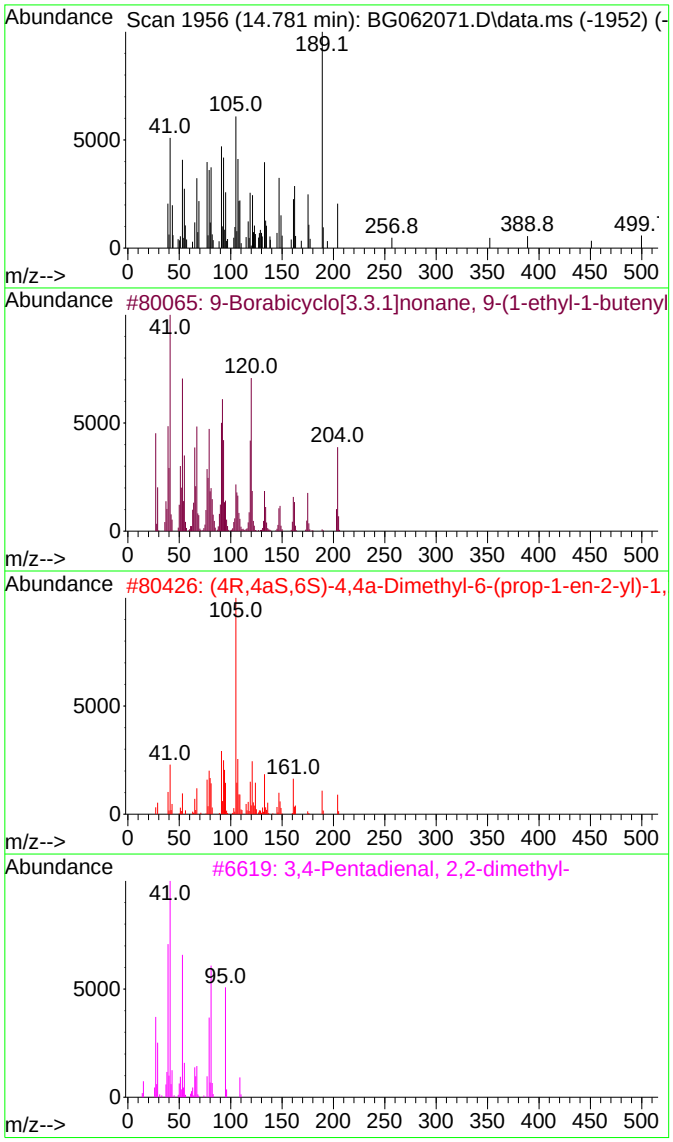
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

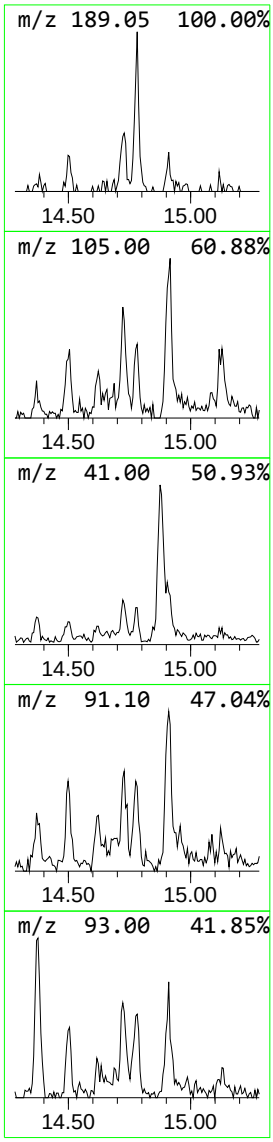
****

Peak Number 5 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.781	3.53 ng/ul	119809	Acenaphthene-d10	14.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Borabicyclo[3.3.1]nonane, 9-(1...	204	C14H25B	076036-41-4	38
2	(4R,4aS,6S)-4,4a-Dimethyl-6-(pro...	204	C15H24	823810-22-6	35
3	3,4-Pentadienal, 2,2-dimethyl-	110	C7H10O	004058-51-9	22
4	Lilial	204	C14H20O	000080-54-6	20
5	Lilial	204	C14H20O	000080-54-6	18





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Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D51

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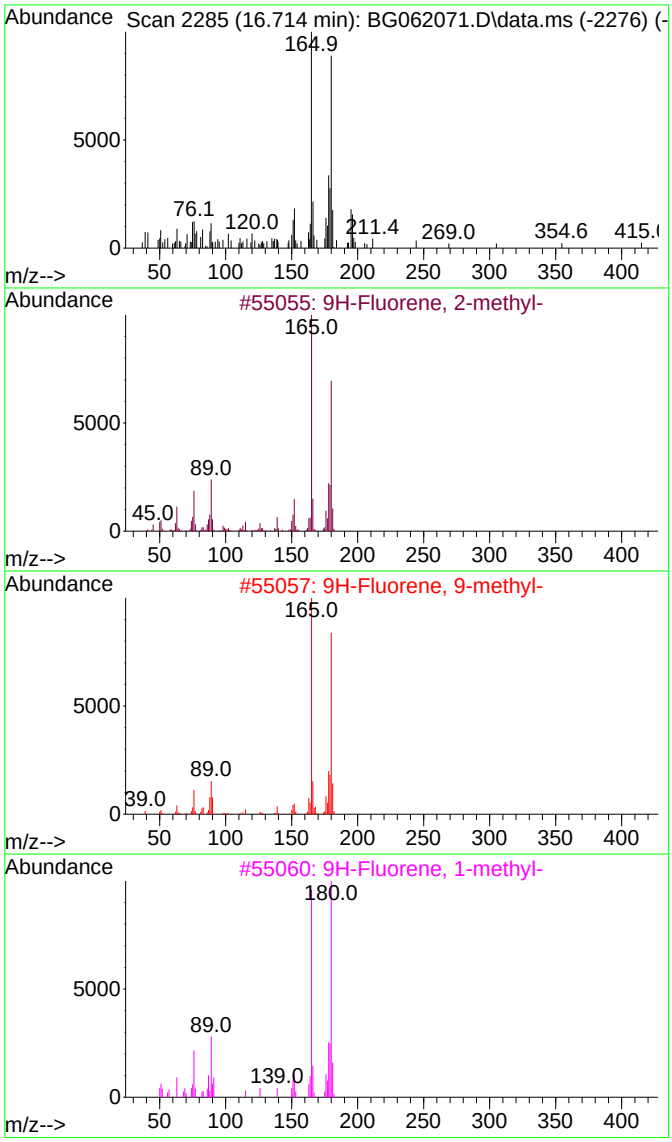
Quant Title : SVOA CALIBRATION

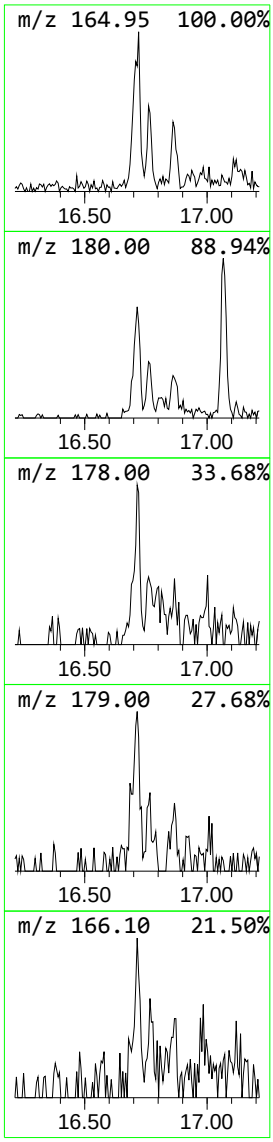
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 9H-Fluorene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.714	2.55 ng/ul	106953	Phenanthrene-d10	17.413

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	81
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	81
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	81
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	81





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Sample : P3100-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

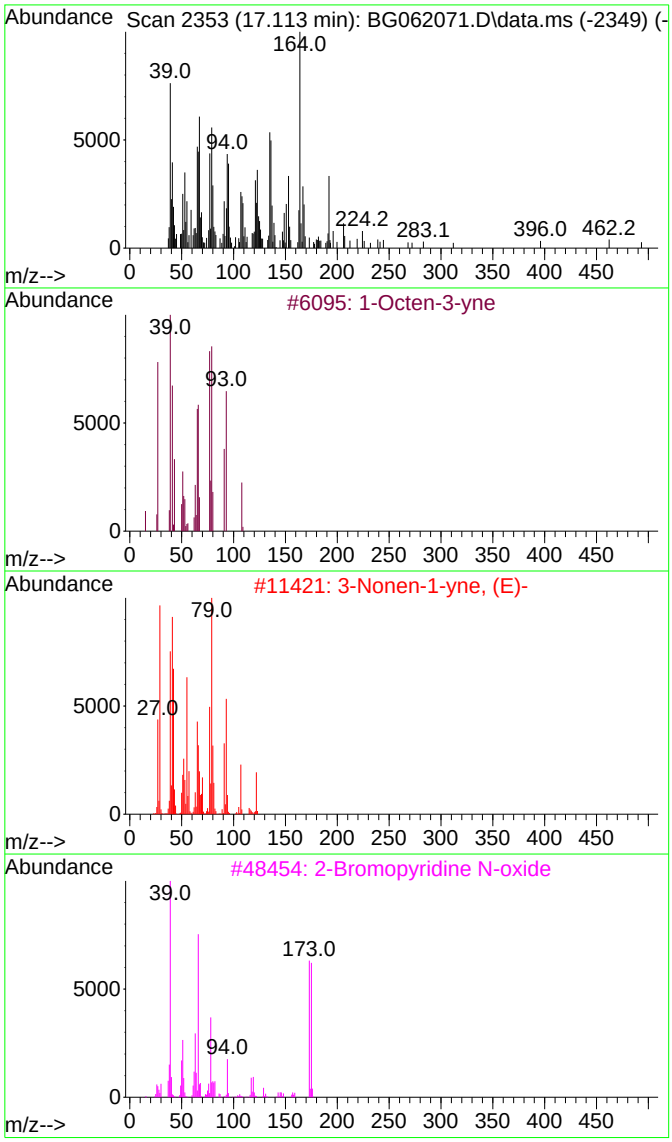
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

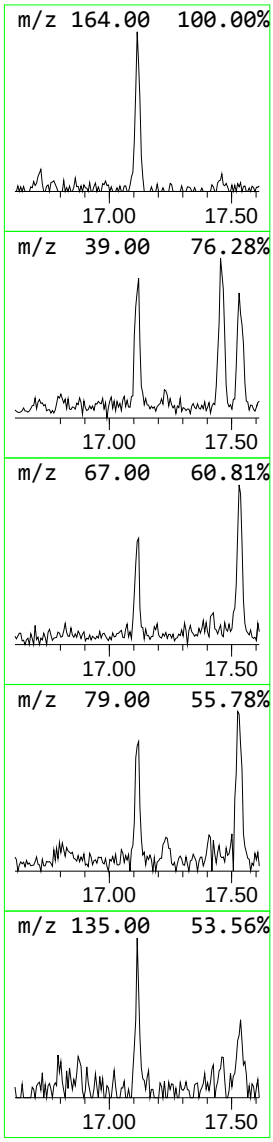
****

Peak Number 7 1-Octen-3-yne Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.113	3.64 ng/ul	152597	Phenanthrene-d10	17.413

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octen-3-yne	108	C8H12	017679-92-4	53
2	3-Nonen-1-yne, (E)-	122	C9H14	070600-49-6	49
3	2-Bromopyridine N-oxide	173	C5H4BrNO	014305-17-0	49
4	Cyclohexane, cyclopropylidene-	122	C9H14	014114-06-8	46
5	7-Methylenebicyclo[4.2.0]octane	122	C9H14	1000211-11-2	46





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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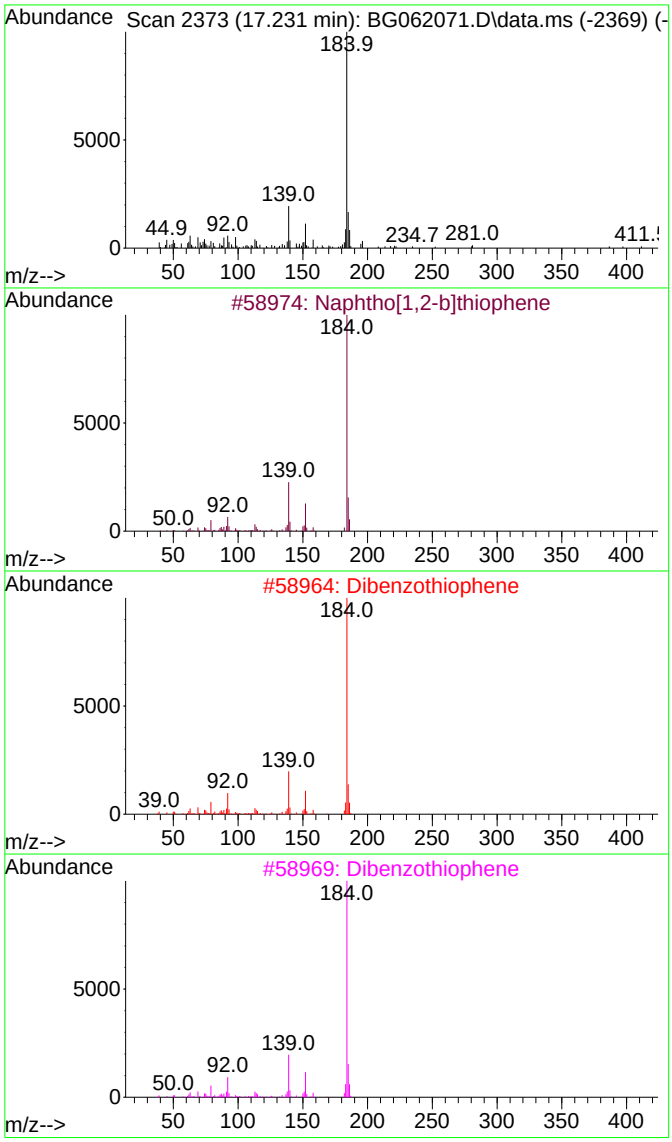
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

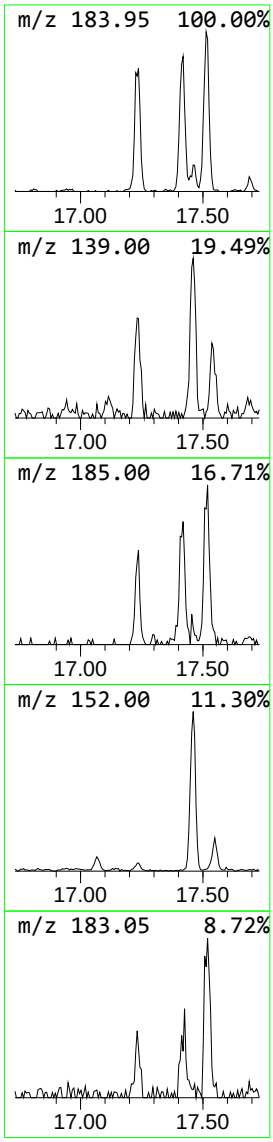
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphtho[1,2-b]thiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.231	2.94 ng/ul	123259	Phenanthrene-d10	17.413

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Dibenzothiophene	184	C12H8S	000132-65-0	93





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Sample : P3100-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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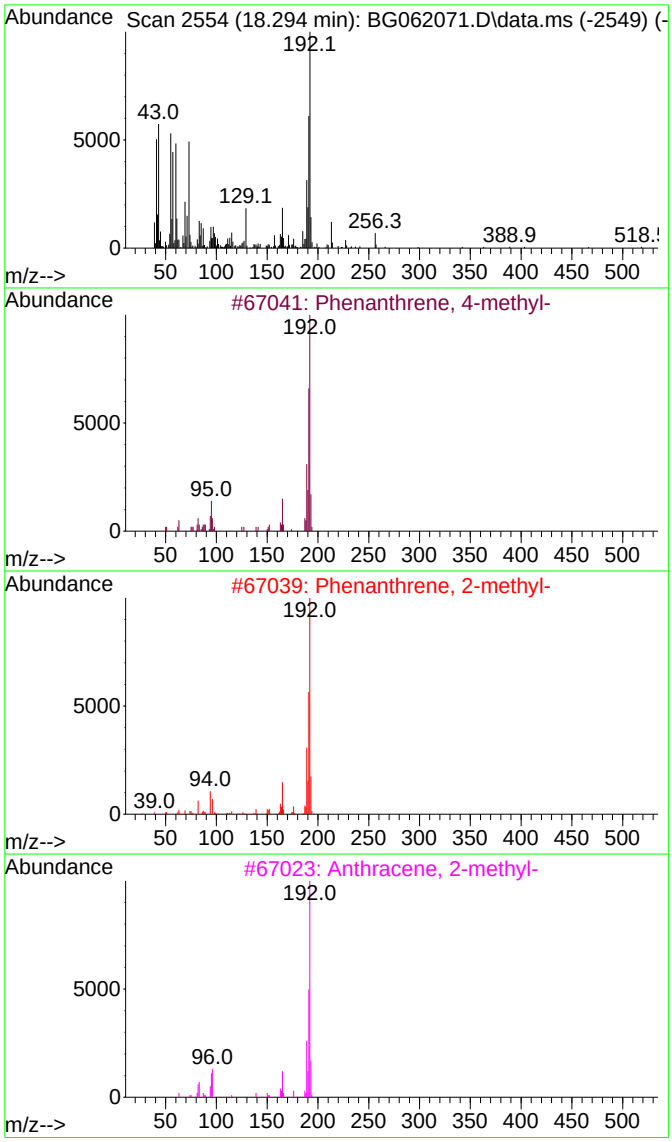
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

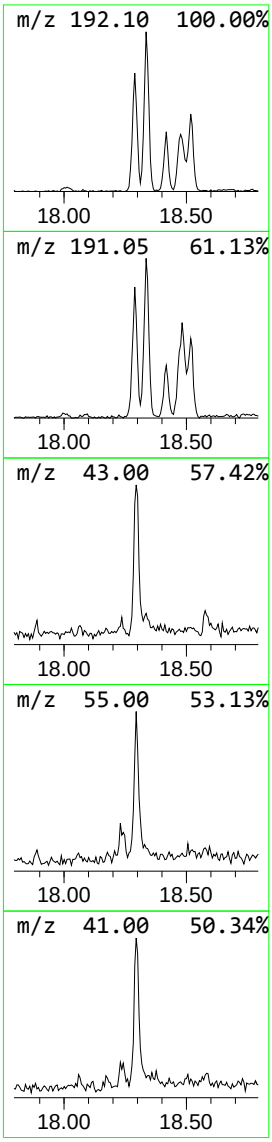
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenanthrene, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.294	12.44 ng/ul	521239	Phenanthrene-d10	17.413

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78





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Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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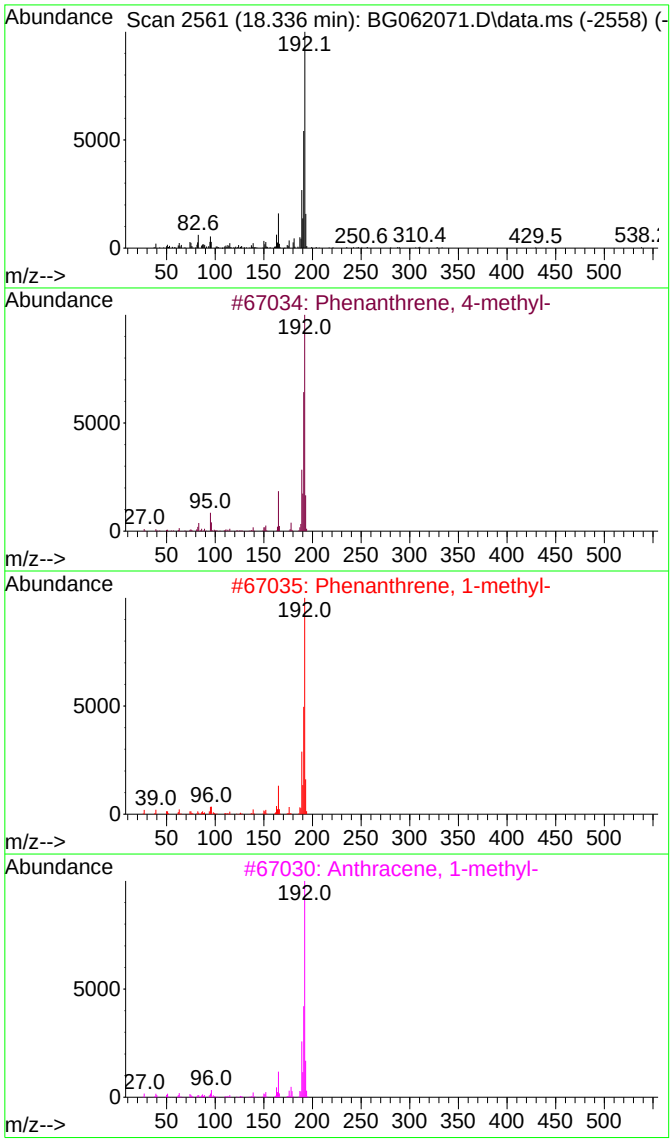
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

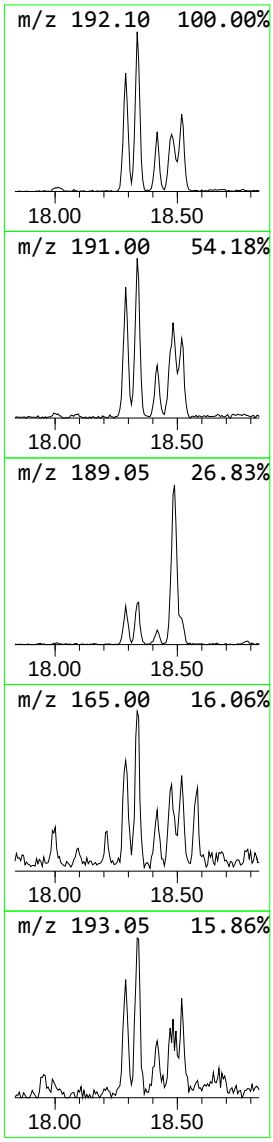
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.336	7.28 ng/ul	305263	Phenanthrene-d10	17.413

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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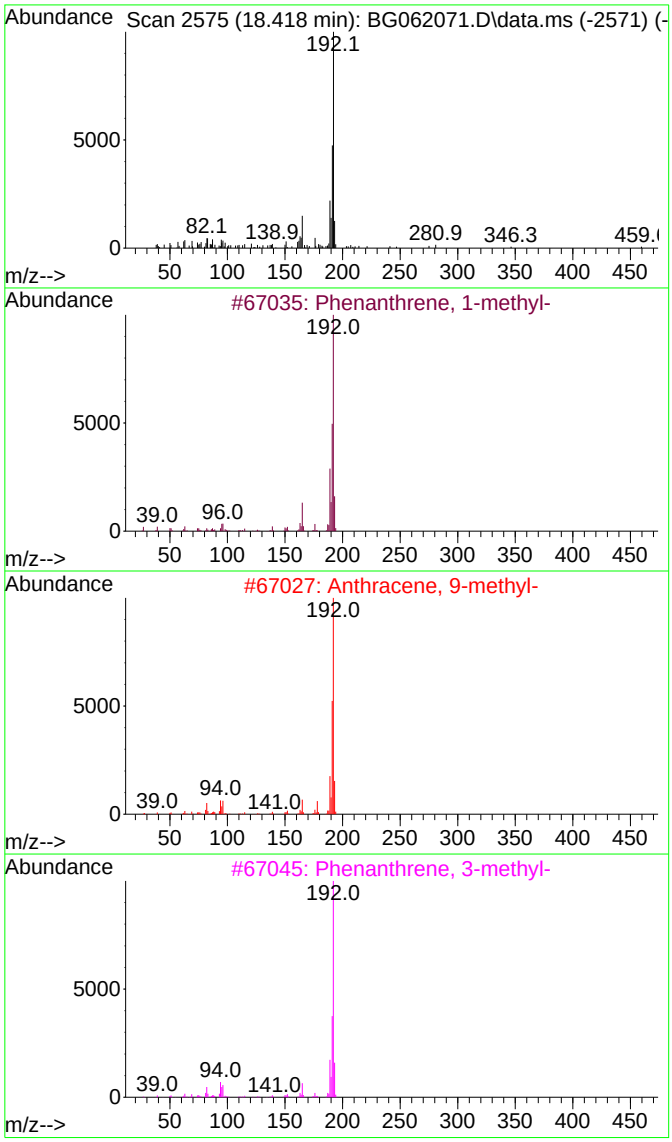
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

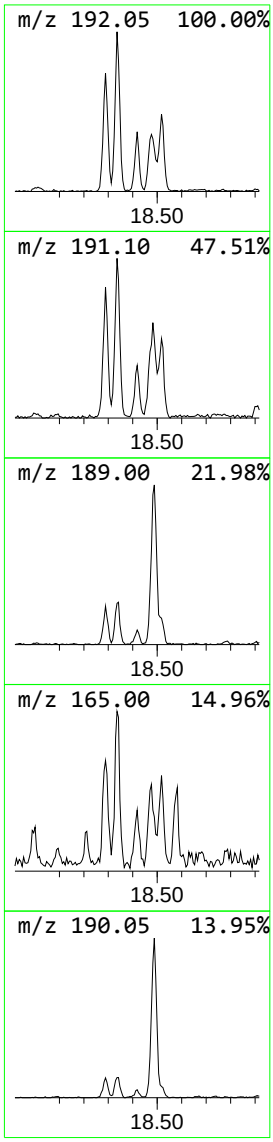
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Anthracene, 9-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.418	2.49 ng/ul	104292	Phenanthrene-d10	17.413

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	81
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81





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Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D51

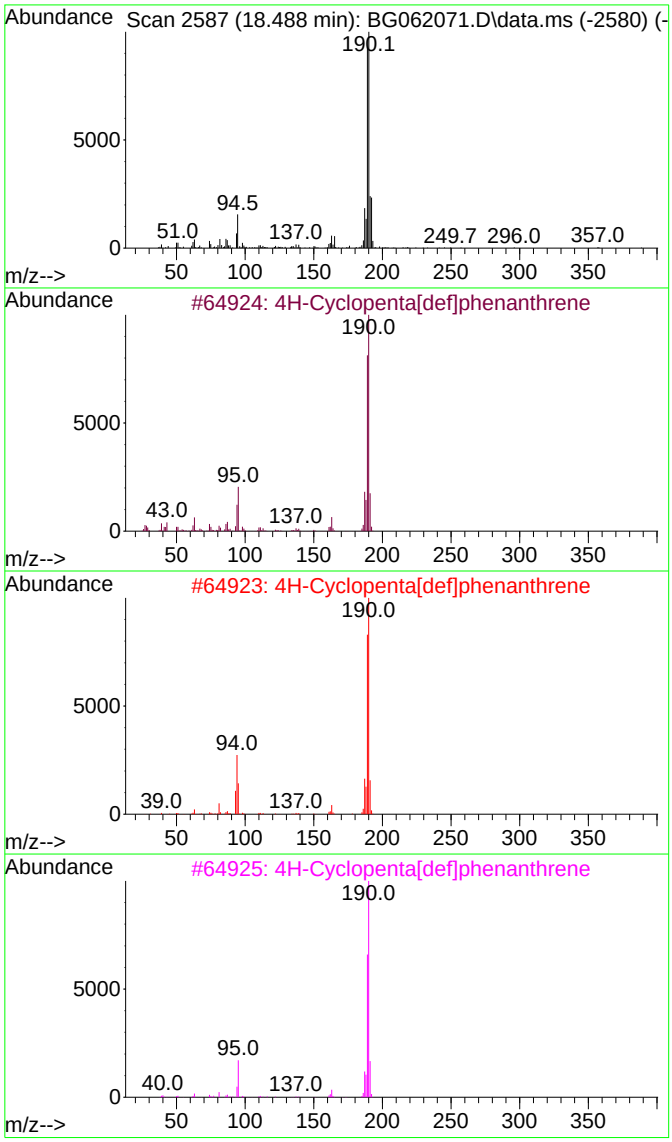
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

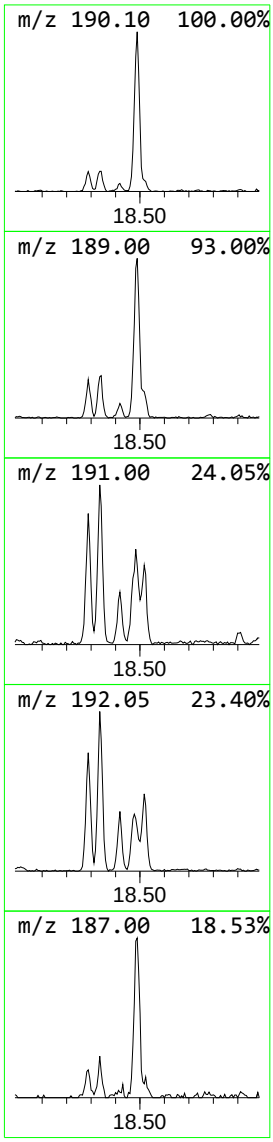
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.488	12.39 ng/ul	519334	Phenanthrene-d10	17.413

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	80
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION

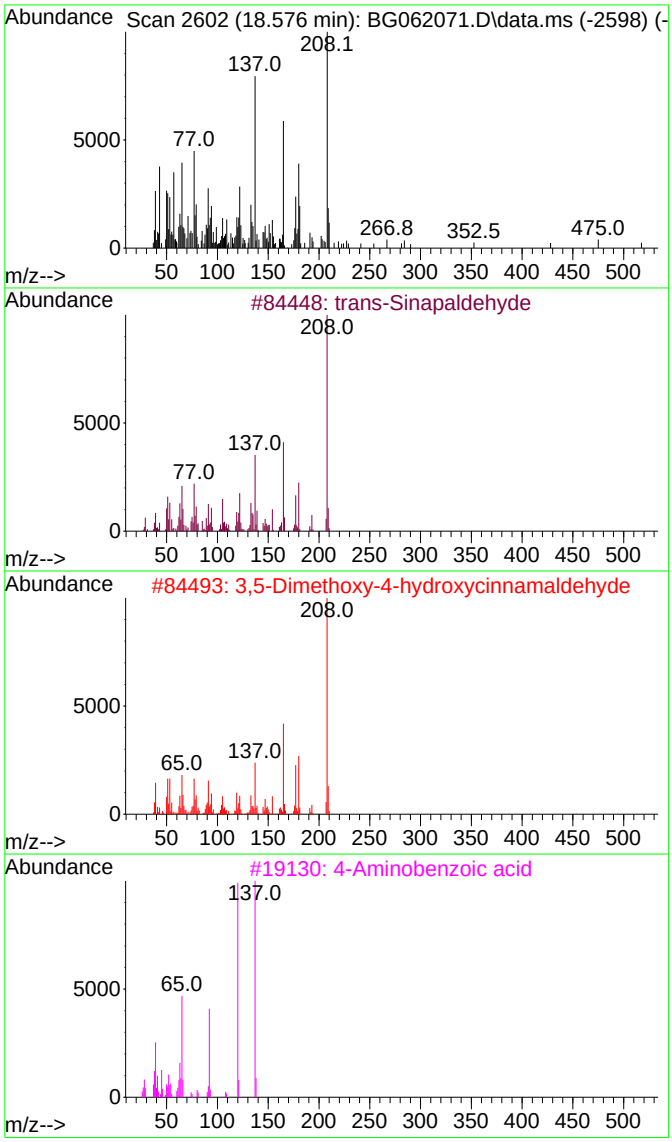
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

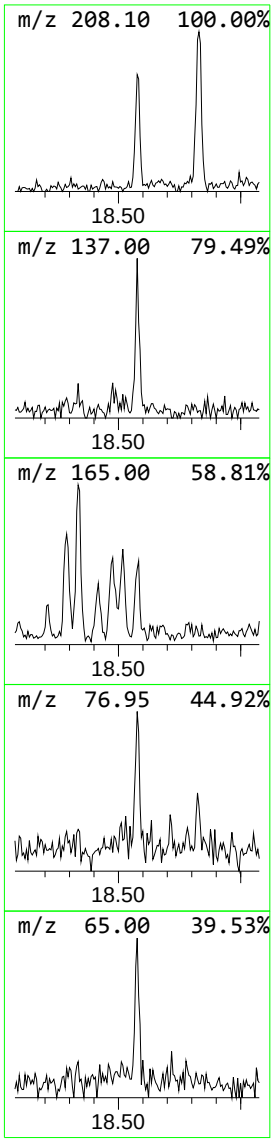
****

Peak Number 13 trans-Sinapaldehyde Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.576	3.60 ng/ul	151000	Phenanthrene-d10	17.413

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Sinapaldehyde	208	C11H12O4	004206-58-0	62
2	3,5-Dimethoxy-4-hydroxycinnamald...	208	C11H12O4	087345-53-7	52
3	4-Aminobenzoic acid	137	C7H7NO2	000150-13-0	46
4	Benzo[c]cinnoline, 4,7-dimethyl-	208	C14H12N2	020684-54-2	35
5	Phenanthrene, 2-methoxy-	208	C15H12O	013837-48-4	27





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Sample : P3100-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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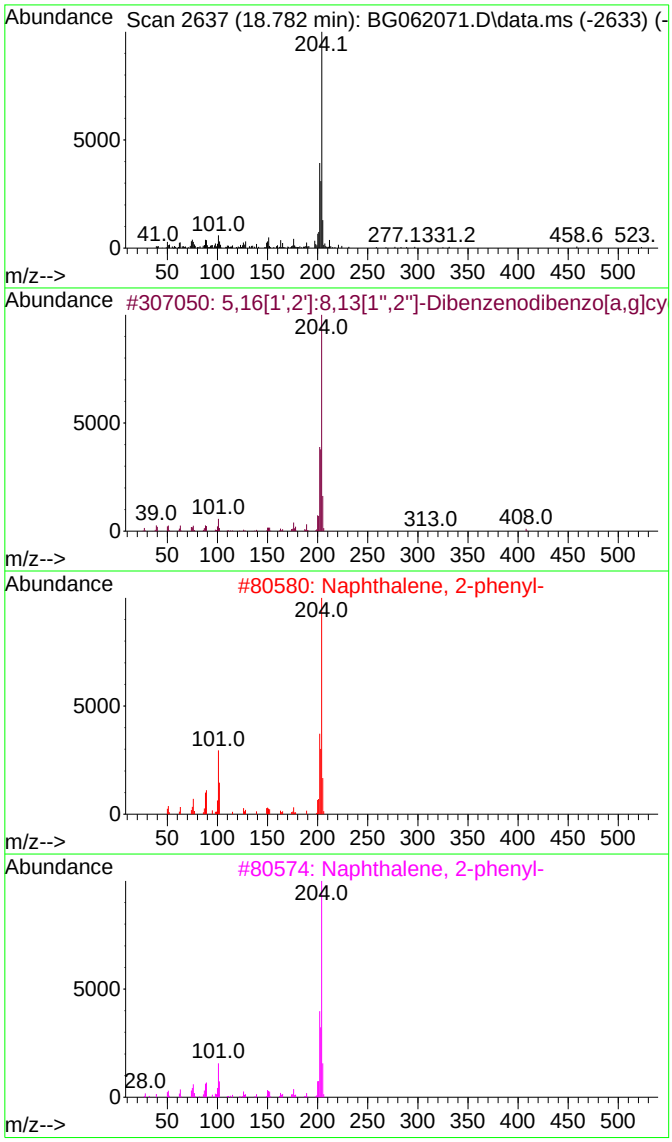
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

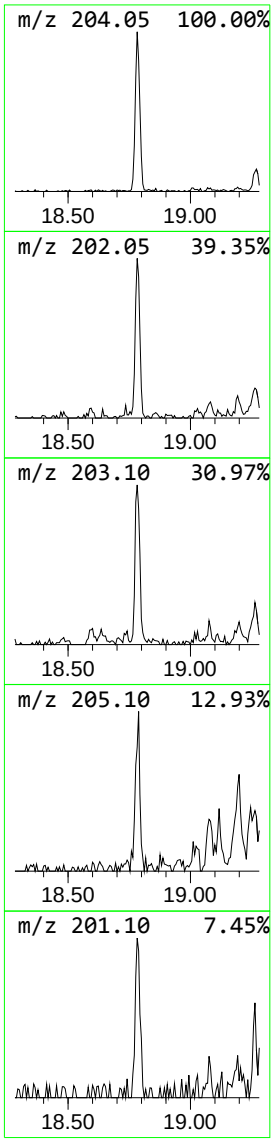
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.782	4.23 ng/ul	177239	Phenanthrene-d10	17.413

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	55
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	53





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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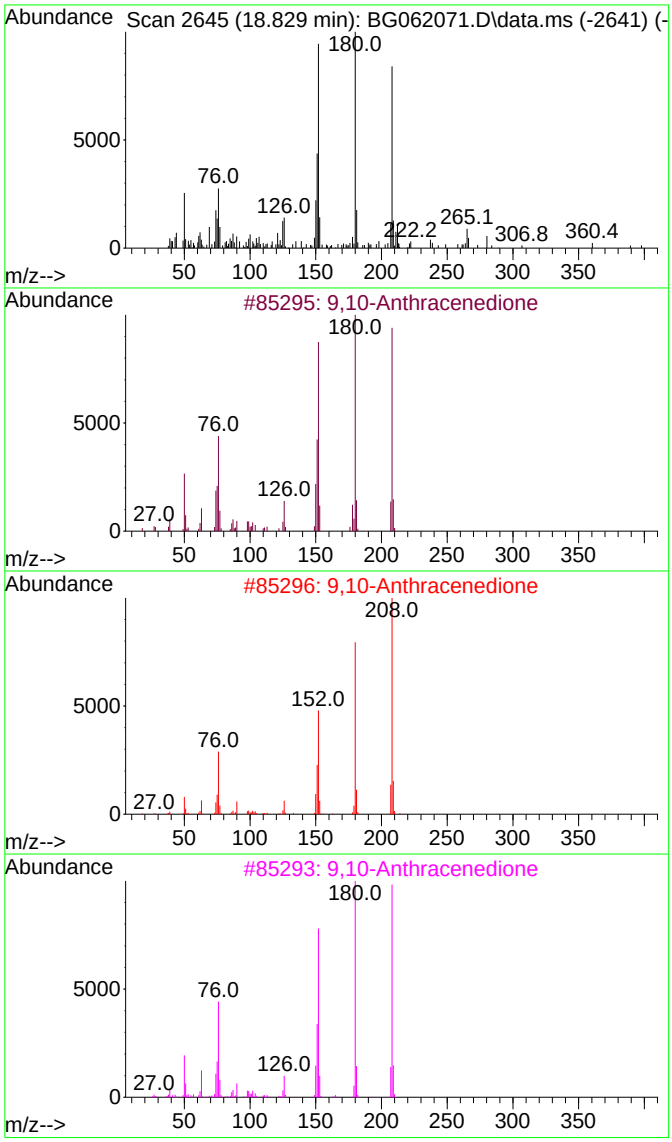
Quant Title : SVOA CALIBRATION

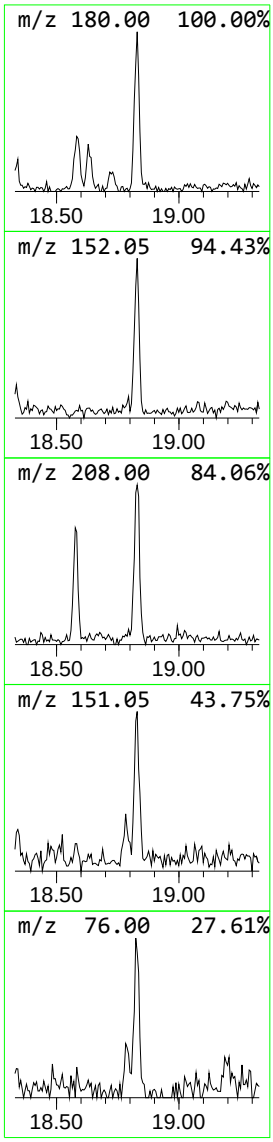
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.829	2.93 ng/ul	122701	Phenanthrene-d10	17.413

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91





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Sample : P3100-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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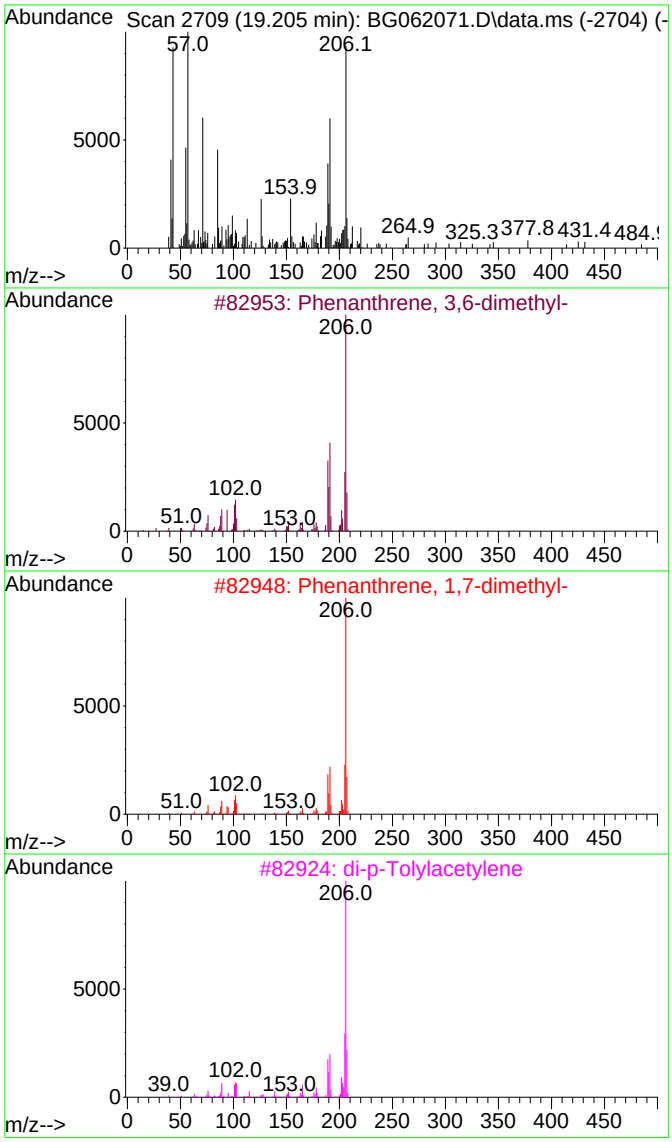
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

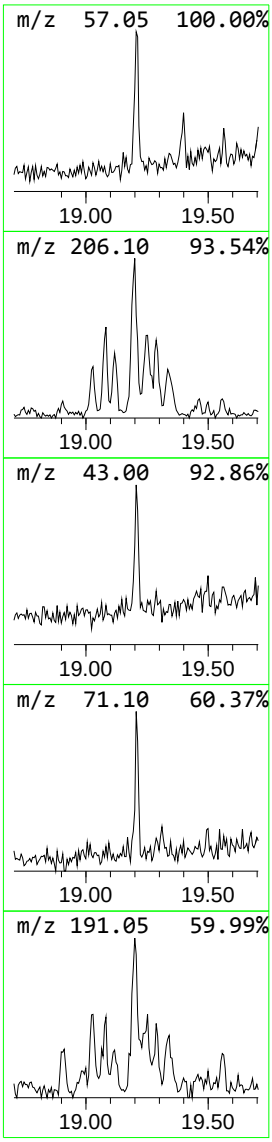
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenanthrene, 3,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.205	3.48 ng/ul	145812	Phenanthrene-d10	17.413

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	70
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	64
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	60
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062071.D
Acq On : 15 Jul 2024 16:38
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D51

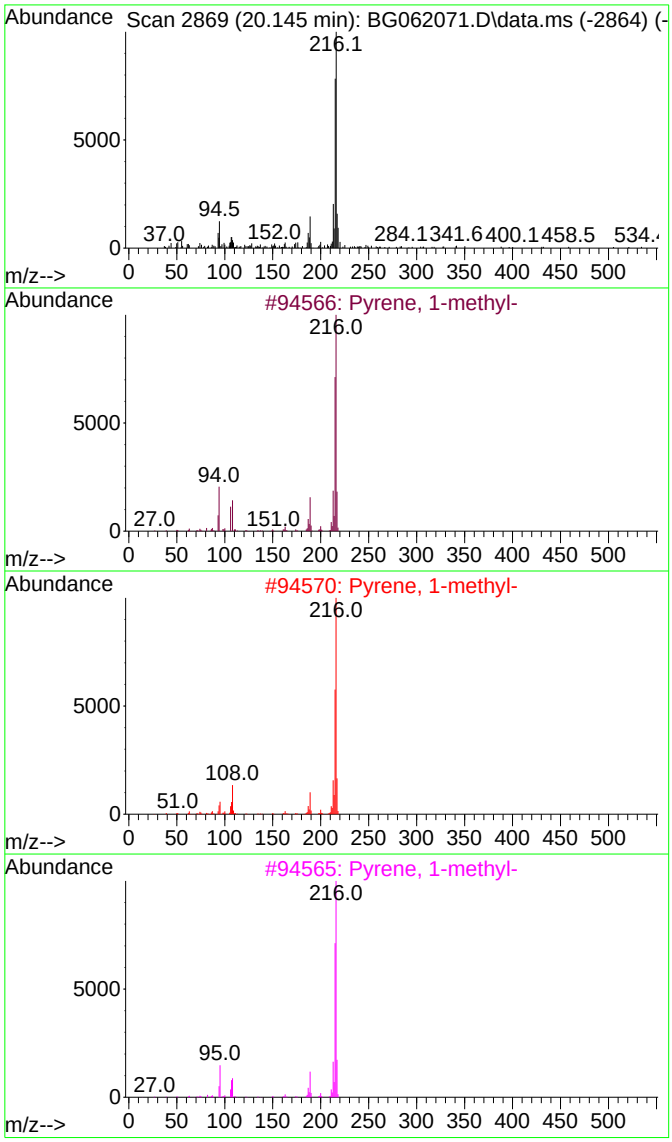
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

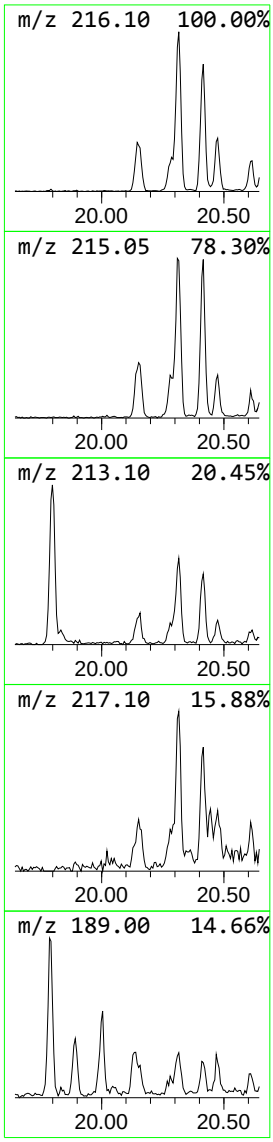
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.145	2.12 ng/ul	263196	Chrysene-d12	21.679

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	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90





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Acq On : 15 Jul 2024 16:38
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D51

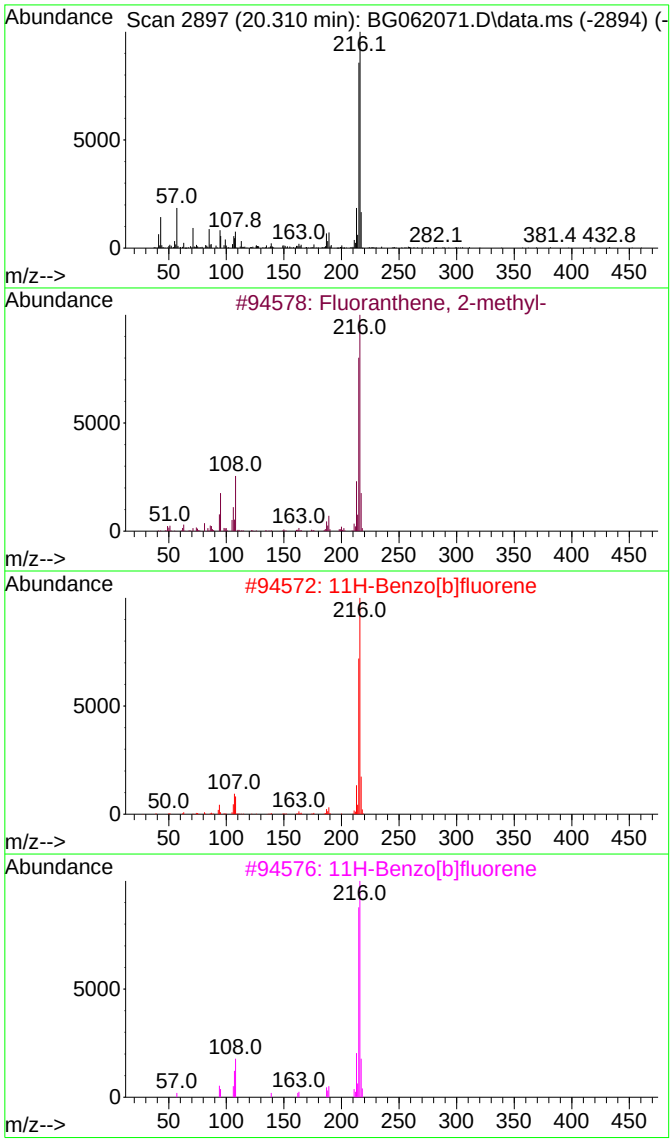
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

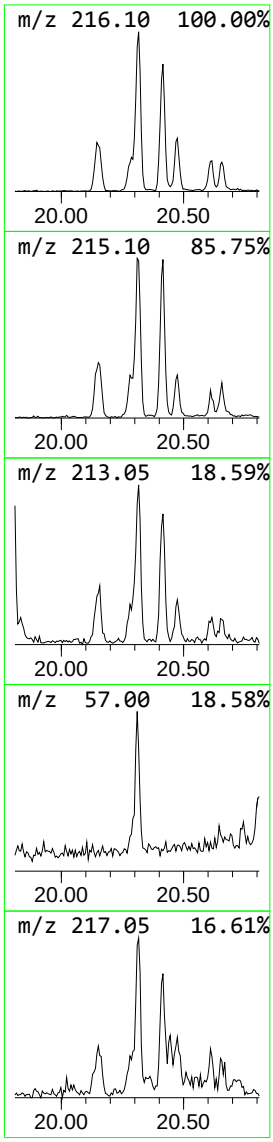
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Fluoranthene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.310	4.50 ng/ul	557692	Chrysene-d12	21.679

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
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	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





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Data File : BG062071.D
Acq On : 15 Jul 2024 16:38
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D51

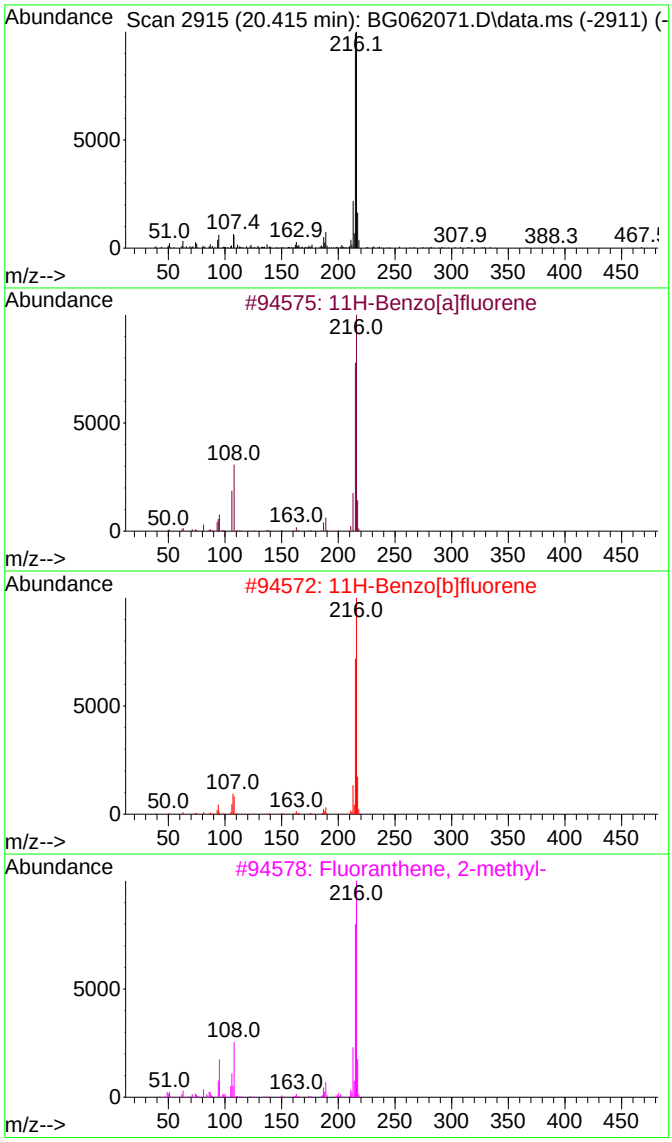
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

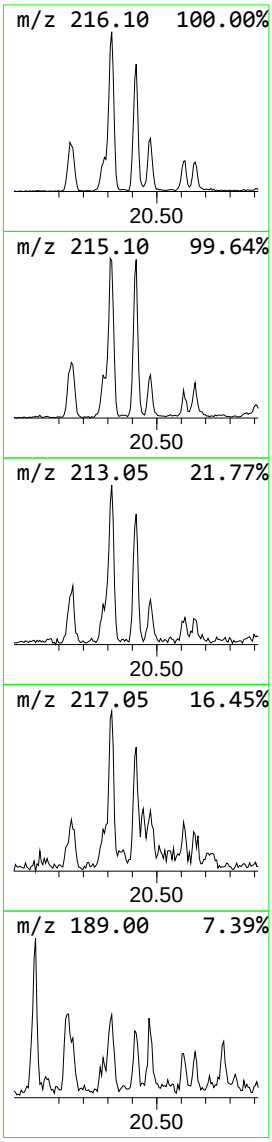
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 11H-Benzo[a]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.416	2.66 ng/ul	330069	Chrysene-d12	21.679

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86





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Acq On : 15 Jul 2024 16:38
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D51

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

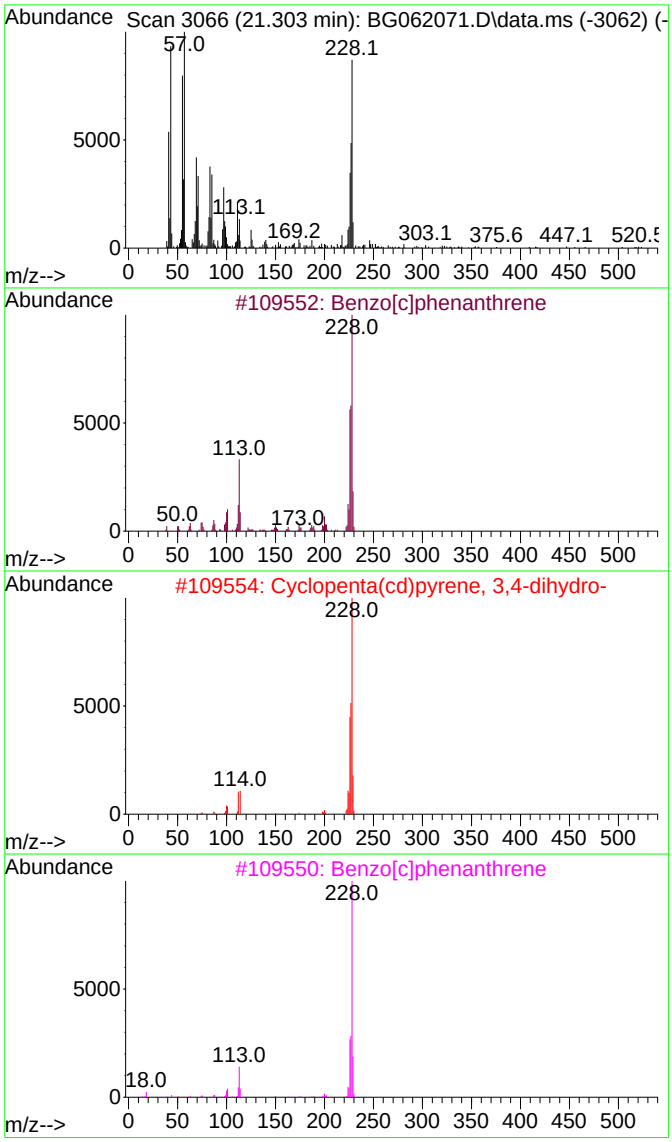
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

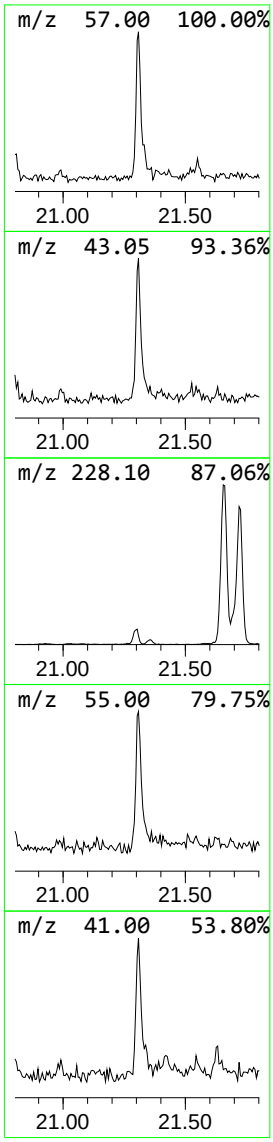
****

Peak Number 20 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.303	3.90 ng/ul	483330	Chrysene-d12	21.679

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	49
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	43
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	38
4	5-(Penta-1,3-diyn-1-yl)-2,2'-bit...	228	C13H8S2	061102-17-8	38
5	Triphenylene	228	C18H12	000217-59-4	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062071.D
Acq On : 15 Jul 2024 16:38
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D51

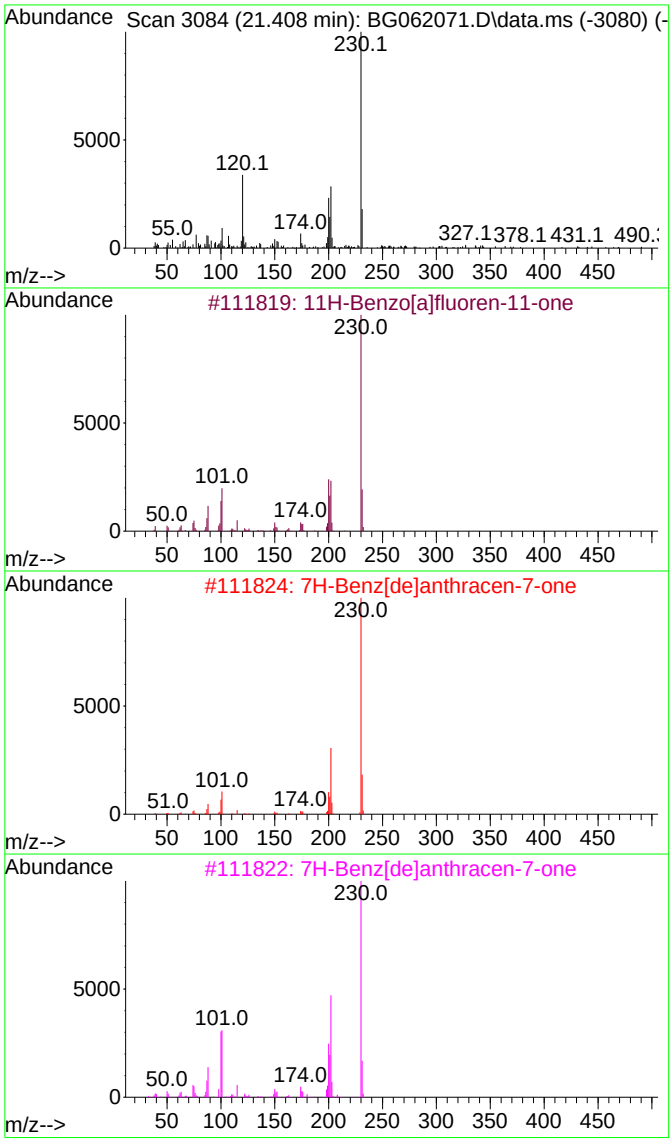
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

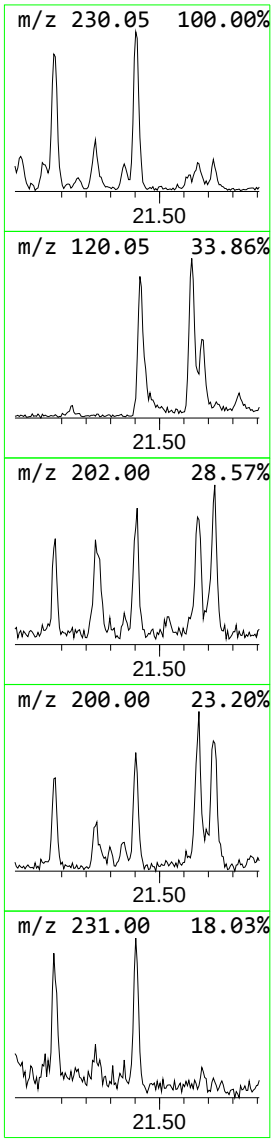
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.408	2.81 ng/ul	347534	Chrysene-d12	21.679

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	91
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	68
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062071.D
Acq On : 15 Jul 2024 16:38
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D51

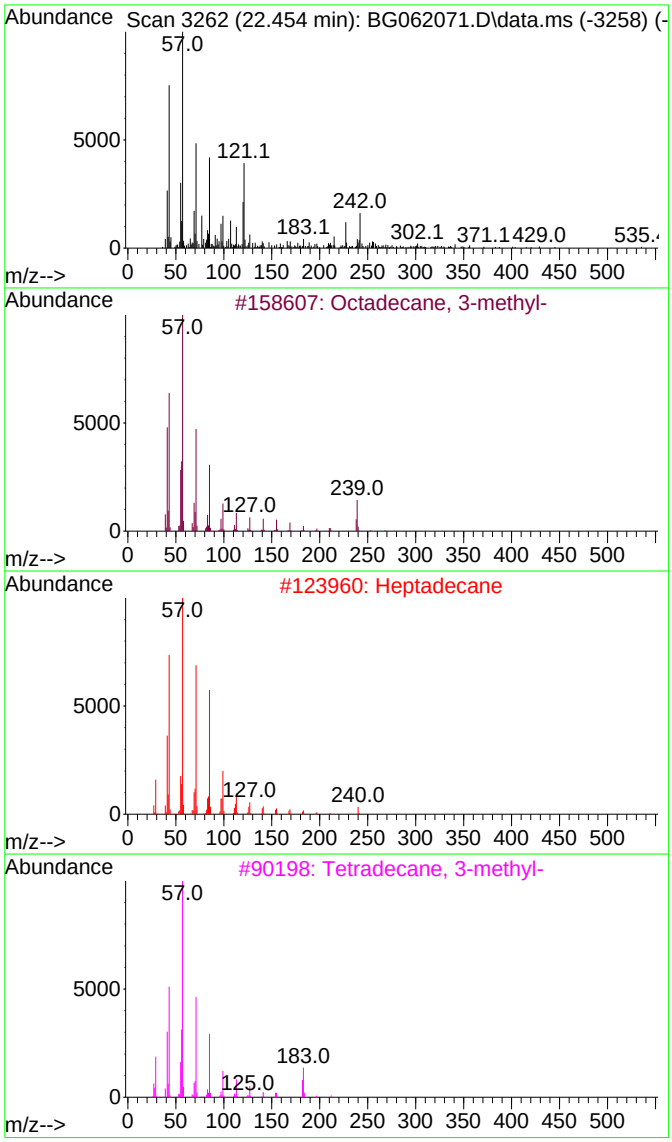
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

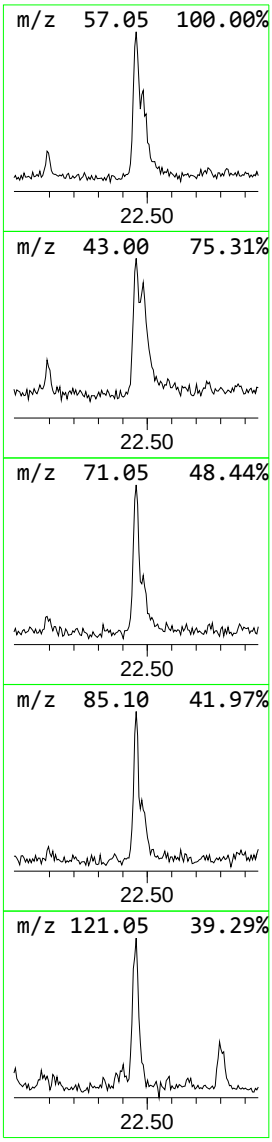
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.454	3.69 ng/ul	457735	Chrysene-d12	21.679

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 3-methyl-	268	C19H40	006561-44-0	78
2	Heptadecane	240	C17H36	000629-78-7	53
3	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	53
4	Tetracosane	338	C24H50	000646-31-1	49
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062071.D
Acq On : 15 Jul 2024 16:38
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D51

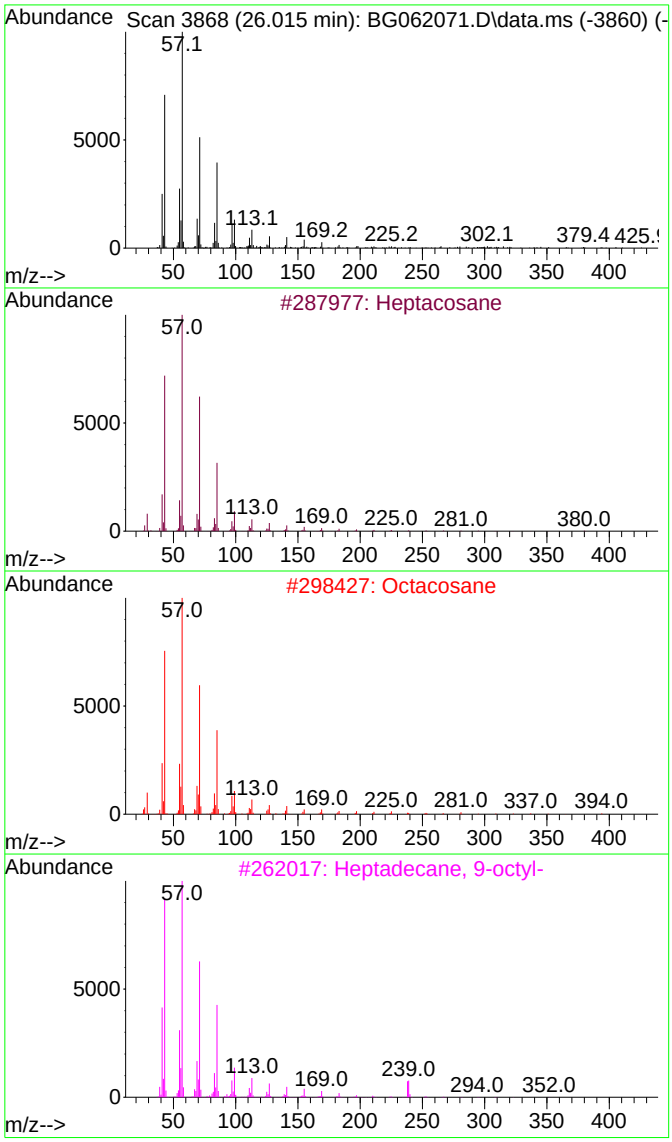
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

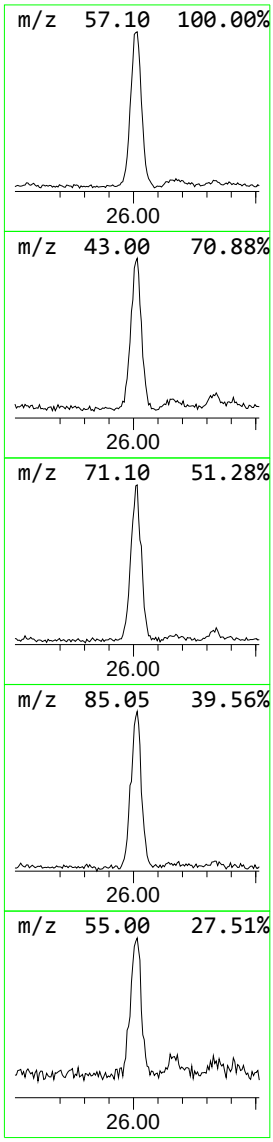
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.015	15.19 ng/ul	1284580	Perylene-d12	24.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	94
2	Octacosane	394	C28H58	000630-02-4	93
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	87
5	2-Methylheptacosane	394	C28H58	001561-00-8	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062071.D
Acq On : 15 Jul 2024 16:38
Operator : MA/JU
Sample : P3100-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4D51

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.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
1-Phenoxypropan...	11.585	2.3	ng/ul	55159	2	10.850	477785	20.0
Benzeneethanol,...	13.806	16.7	ng/ul	566135	3	14.669	677980	20.0
Naphthalene, 2,...	13.988	4.4	ng/ul	148628	3	14.669	677980	20.0
(S,1Z,6Z)-8-Iso...	14.499	2.3	ng/ul	76158	3	14.669	677980	20.0
unknown-01	14.781	3.5	ng/ul	119809	3	14.669	677980	20.0
9H-Fluorene, 2-...	16.714	2.5	ng/ul	106953	4	17.413	838207	20.0
1-Octen-3-yne	17.113	3.6	ng/ul	152597	4	17.413	838207	20.0
Naphtho[1,2-b]t...	17.231	2.9	ng/ul	123259	4	17.413	838207	20.0
Phenanthrene, 4...	18.294	12.4	ng/ul	521239	4	17.413	838207	20.0
Phenanthrene, 1...	18.336	7.3	ng/ul	305263	4	17.413	838207	20.0
Anthracene, 9-m...	18.418	2.5	ng/ul	104292	4	17.413	838207	20.0
4H-Cyclopenta[d...	18.488	12.4	ng/ul	519334	4	17.413	838207	20.0
trans-Sinapalde...	18.576	3.6	ng/ul	151000	4	17.413	838207	20.0
5,16[1',2']:8,1...	18.782	4.2	ng/ul	177239	4	17.413	838207	20.0
9,10-Anthracene...	18.829	2.9	ng/ul	122701	4	17.413	838207	20.0
Phenanthrene, 3...	19.205	3.5	ng/ul	145812	4	17.413	838207	20.0
Pyrene, 1-methyl-	20.145	2.1	ng/ul	263196	5	21.679	2477730	20.0
Fluoranthene, 2...	20.310	4.5	ng/ul	557692	5	21.679	2477730	20.0
11H-Benzo[a]flu...	20.416	2.7	ng/ul	330069	5	21.679	2477730	20.0
unknown-02	21.303	3.9	ng/ul	483330	5	21.679	2477730	20.0
11H-Benzo[a]flu...	21.408	2.8	ng/ul	347534	5	21.679	2477730	20.0
(DEL) Alkane: S...	22.454	3.7	ng/ul	457735	5	21.679	2477730	20.0
(DEL) Alkane: S...	26.015	15.2	ng/ul	1284580	6	24.887	1690870	20.0