LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061841.D
Acq On : 2 Jul 2024 11:02
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4CQ8

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-BG062024.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG061841.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.458	26	29	34	rVB3	17176	25839	0.79%	0.058%
2	3.734	71	76	81	rBV2	31508	50073	1.53%	0.112%
3	3.987	112	119	126	rVB	62478	98955	3.03%	0.221%
4	4.216	152	158	165	rVV2	37226	69983	2.14%	0.157%
5	4.774	249	253	258	rVV	21837	37951	1.16%	0.085%
6	5.133	307	314	324	rBV	75719	130630	4.00%	0.292%
7	5.227	324	330	338	rBV4	19292	36988	1.13%	0.083%
8	7.219	661	669	677	rVB	432520	772675	23.65%	1.729%
9	7.383	688	697	704	rBV	291806	493744	15.12%	1.105%
10	7.589	725	732	738	rVV	404700	690462	21.14%	1.545%
11	7.671	738	746	748	rVV4	17987	35395	1.08%	0.079%
12	8.059	801	812	818	rVV	285480	502537	15.38%	1.125%
13	8.611	901	906	915	rVV9	9364	28284	0.87%	0.063%
14	8.764	925	932	938	rVV2	475222	824626	25.25%	1.845%
15	8.881	947	952	960	rVB3	30420	55826	1.71%	0.125%
16	9.222	1003	1010	1017	rVV	416593	736209	22.54%	1.647%
17	9.275	1017	1019	1024	rVV2	23782	27148	0.83%	0.061%
18	9.945	1126	1133	1143	rBV	380349	660987	20.24%	1.479%
19	10.097	1152	1159	1165	rVV8	12125	26952	0.83%	0.060%
20	10.491	1217	1226	1233	rVV	503096	925276	28.33%	2.071%
21	10.826	1278	1283	1284	rBV2	17564	24146	0.74%	0.054%
22	10.867	1284	1290	1296	rVV	422737	757567	23.19%	1.695%
23	10.920	1296	1299	1304	rVB	75611	112401	3.44%	0.252%
24	11.008	1307	1314	1320	rBV2	45055	93507	2.86%	0.209%
25	11.390	1373	1379	1385	rBV5	17485	30885	0.95%	0.069%
26	11.607	1408	1416	1420	rBV2	30886	63192	1.93%	0.141%
27	11.872	1457	1461	1466	rVV4	15342	25449	0.78%	0.057%
28	12.518	1566	1571	1579	rVB2	57255	91552	2.80%	0.205%
29	12.736	1603	1608	1614	rVB2	42095	73084	2.24%	0.164%
30	13.505	1734	1739	1740	rBV4	21813	32334	0.99%	0.072%
31	13.717	1768	1775	1779	rBV4	19642	39538	1.21%	0.088%
32	13.858	1794	1799	1806	rVB7	31048	74047	2.27%	0.166%
33	14.011	1818	1825	1829	rBV2	46379	88577	2.71%	0.198%
34	14.093	1829	1839	1844	rBV	845442	1271496	38.93%	2.845%
35	14.152	1846	1849	1853	rVB3	25148	34503	1.06%	0.077%
36	14.246	1861	1865	1868	rBV2	22410	30451	0.93%	0.068%

LSC Area Percent Report

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Sample : P2963-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ8

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-BG062024.MA.M
Title : SVOA CALIBRATION

37	14.381	1882	1888	1900	rVV	905246	1509143	46.20%	3.377%
38	14.569	1916	1920	1925	rBV4	22050	37633	1.15%	0.084%
39	14.627	1925	1930	1933	rVV	29156	49385	1.51%	0.111%
40	14.686	1933	1940	1946	rVV	636946	998533	30.57%	2.235%
41	14.751	1946	1951	1958	rVB	166231	260713	7.98%	0.583%
42	14.886	1967	1974	1985	rBV	464505	803441	24.60%	1.798%
43	14.998	1985	1993	1995	rVV6	21727	48915	1.50%	0.109%
44	15.033	1997	1999	2003	rVV5	20093	27233	0.83%	0.061%
45	15.080	2003	2007	2013	rVB2	133849	215312	6.59%	0.482%
46	15.156	2015	2020	2024	rBV3	24686	35046	1.07%	0.078%
47	15.297	2039	2044	2049	rVV6	25826	49710	1.52%	0.111%
48	15.350	2049	2053	2057	rVB5	24432	36356	1.11%	0.081%
49	15.468	2067	2073	2077	rBV6	32796	63096	1.93%	0.141%
50	15.515	2079	2081	2085	rVV3	24452	29589	0.91%	0.066%
51	15.679	2102	2109	2114	rVV	1129542	1771594	54.24%	3.964%
52	15.732	2114	2118	2123	rVV	169292	261382	8.00%	0.585%
53	15.791	2123	2128	2132	rVV	228768	342327	10.48%	0.766%
54	15.850	2136	2138	2142	rVV3	44483	58862	1.80%	0.132%
55	15.897	2142	2146	2149	rVV5	40267	70115	2.15%	0.157%
56	15.938	2149	2153	2157	rVV7	30585	65745	2.01%	0.147%
57	15.979	2157	2160	2163	rVV5	21806	37879	1.16%	0.085%
58	16.026	2165	2168	2172	rVV2	61159	86879	2.66%	0.194%
59	16.173	2188	2193	2201	rVB2	52208	112984	3.46%	0.253%
60	16.243	2201	2205	2207	rBV5	16695	24178	0.74%	0.054%
61	16.267	2207	2209	2214	rVB5	27236	29513	0.90%	0.066%
62	16.402	2224	2232	2237	rBV6	78979	180757	5.53%	0.405%
63	16.713	2279	2285	2286	rBV6	38539	73019	2.24%	0.163%
64	16.778	2293	2296	2300	rBV3	44562	72370	2.22%	0.162%
65	16.966	2320	2328	2330	rBV8	42523	87711	2.69%	0.196%
66	17.001	2330	2334	2337	rVB6	39339	62100	1.90%	0.139%
67	17.083	2344	2348	2354	rVB	100102	156581	4.79%	0.350%
68	17.177	2357	2364	2368	rVV7	90327	195658	5.99%	0.438%
69	17.248	2372	2376	2384	rVB	115416	193300	5.92%	0.433%
70	17.336	2389	2391	2395	rVB5	23531	25968	0.79%	0.058%
71	17.430	2401	2407	2411	rBV	726262	1187501	36.35%	2.657%
72	17.477	2411	2415	2420	rVV	1858757	2734458	83.71%	6.119%
73	17.530	2420	2424	2428	rVV	1219726	1886035	57.74%	4.221%
74	17.565	2428	2430	2435	rVB	368484	423155	12.95%	0.947%
75	17.718	2450	2456	2457	rBV6	27227	54770	1.68%	0.123%
76	17.835	2468	2476	2481	rBV2	162343	334078	10.23%	0.748%

LSC Area Percent Report

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Acq On : 2 Jul 2024 11:02
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4CQ8

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

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Title : SVOA CALIBRATION

77	17.912	2486	2489	2492	rVV4	46531	54052	1.65%	0.121%
78	17.947	2492	2495	2500	rVV2	39147	65668	2.01%	0.147%
79	18.018	2503	2507	2514	rVB4	90875	213844	6.55%	0.479%
80	18.311	2552	2557	2560	rBV2	388749	601386	18.41%	1.346%
81	18.353	2560	2564	2571	rVB	434513	633925	19.41%	1.419%
82	18.435	2574	2578	2583	rVB2	123054	176886	5.42%	0.396%
83	18.499	2583	2589	2593	rBV3	407803	776113	23.76%	1.737%
84	18.535	2593	2595	2602	rVB	237769	314646	9.63%	0.704%
85	18.605	2603	2607	2611	rBV4	91965	139841	4.28%	0.313%
86	18.799	2637	2640	2644	rVV	184209	223073	6.83%	0.499%
87	18.840	2644	2647	2653	rVB2	188253	277261	8.49%	0.620%
88	19.046	2679	2682	2686	rVB5	90511	122112	3.74%	0.273%
89	19.216	2707	2711	2716	rBV3	207598	395844	12.12%	0.886%
90	19.481	2751	2756	2761	rBV	2300004	3266441	100.00%	7.310%
91	19.533	2762	2765	2769	rVV6	107723	151961	4.65%	0.340%
92	19.816	2807	2813	2815	rBV2	1478069	2397008	73.38%	5.364%
93	19.845	2815	2818	2825	rVB	1807748	2467196	75.53%	5.521%
94	20.333	2898	2901	2905	rVB3	437251	592864	18.15%	1.327%
95	20.427	2915	2917	2921	rVB	170246	201265	6.16%	0.450%
96	21.337	3068	3072	3076	rVB2	467777	595191	18.22%	1.332%
97	21.684	3125	3131	3137	rBV3	1185293	2866017	87.74%	6.414%
98	21.743	3138	3141	3149	rVB	996684	1613516	49.40%	3.611%
99	22.506	3266	3271	3281	rVB5	456016	1157965	35.45%	2.591%
100	23.899	3503	3508	3516	rBV2	553862	1616115	49.48%	3.617%

Sum of corrected areas: 44686483

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
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Instrument :
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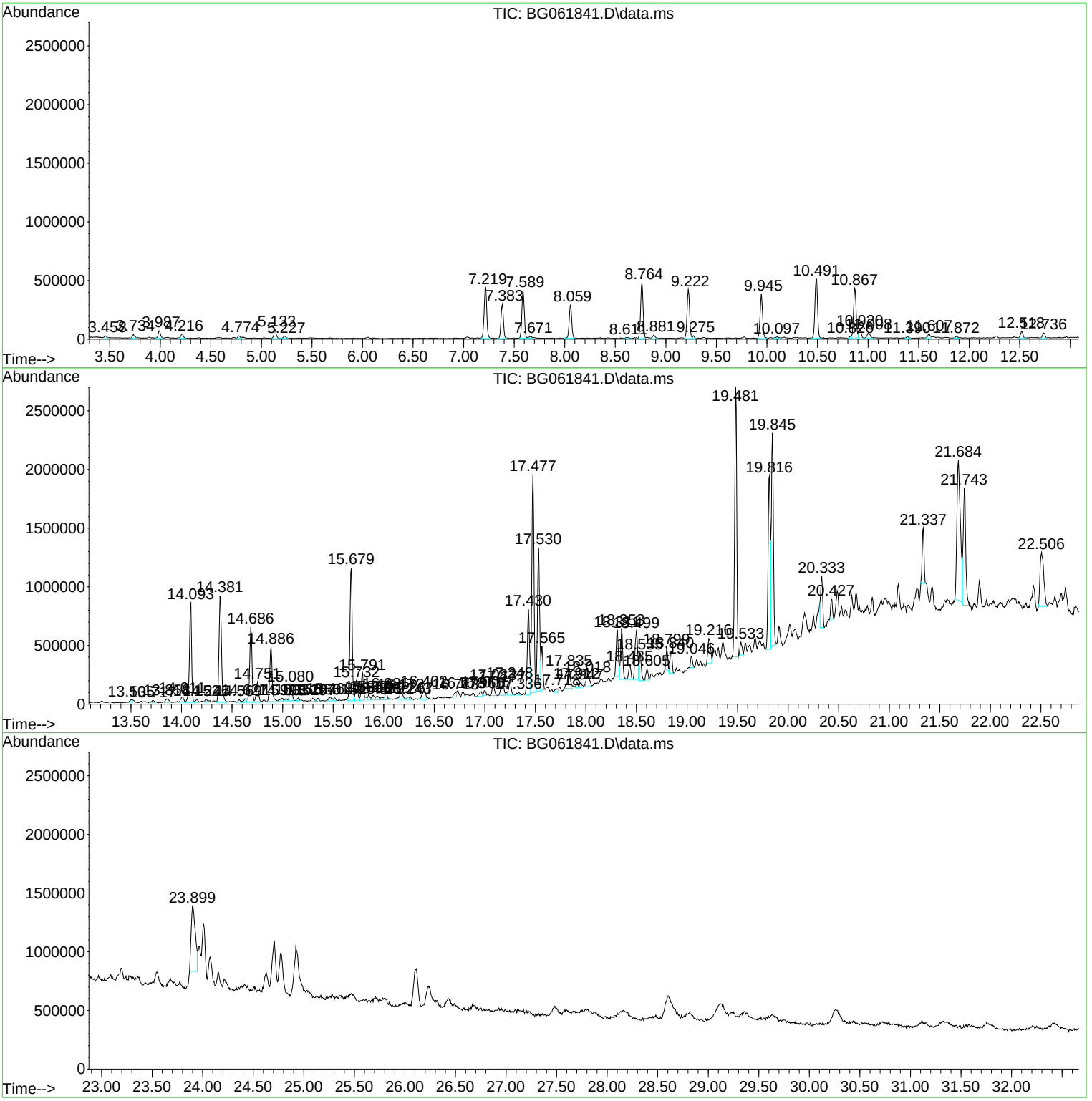
ClientSampleId :
A4CQ8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.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\BG070124\
Data File : BG061841.D
Acq On : 2 Jul 2024 11:02
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Instrument :
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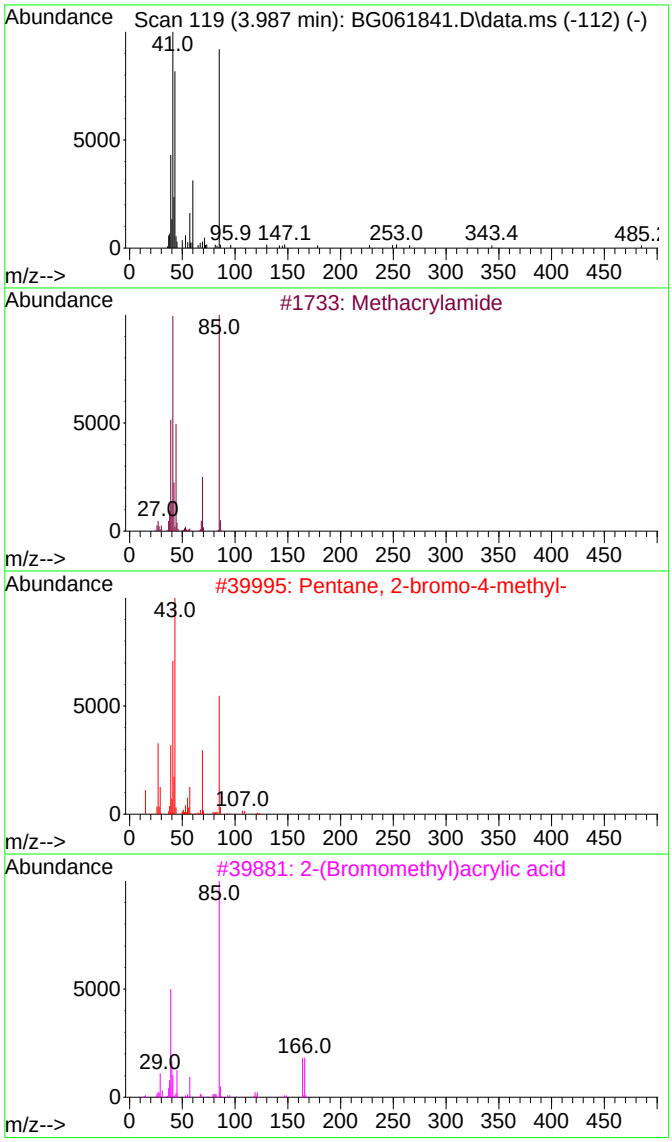
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

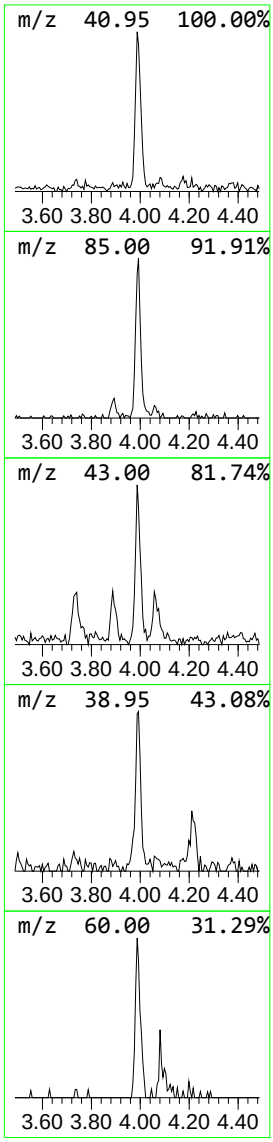
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Methacrylamide Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.987	3.94 ng/ul	98955	1,4-Dichlorobenzene-d4	8.059

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	58
2	Pentane, 2-bromo-4-methyl-	164	C6H13Br	030310-22-6	37
3	2-(Bromomethyl)acrylic acid	164	C4H5BrO2	072707-66-5	33
4	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	28
5	2-Aminoethanol, N,O-diacetyl-	145	C6H11NO3	016180-96-4	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
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ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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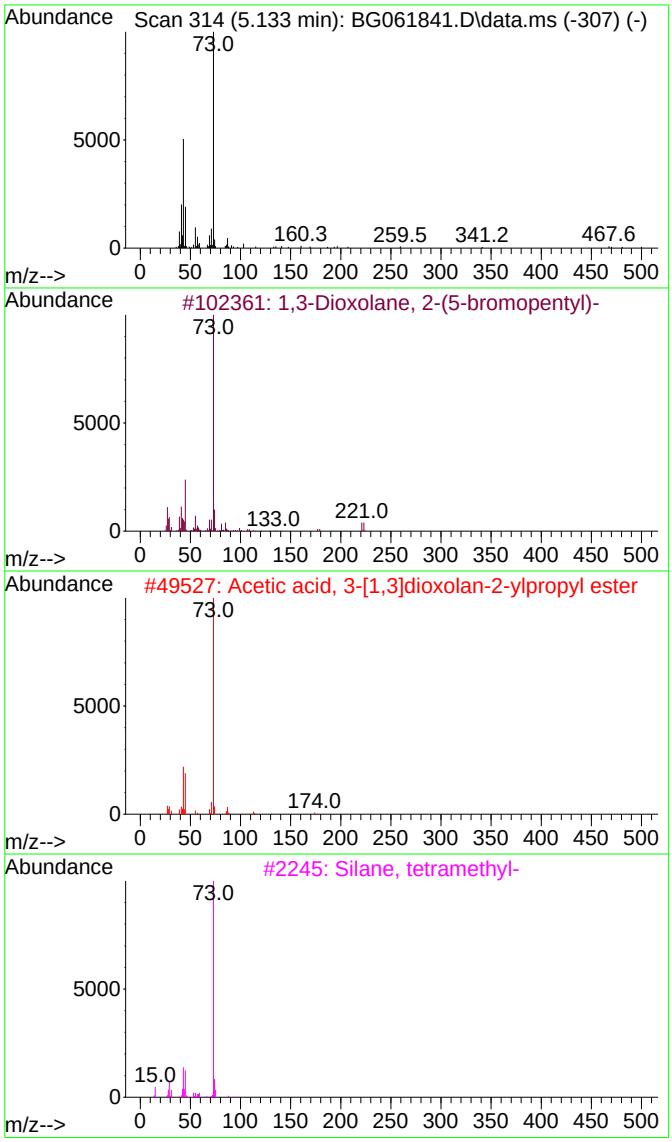
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

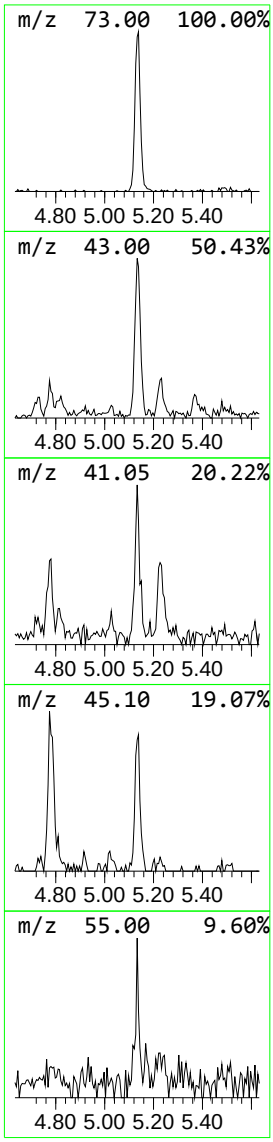
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.133	5.20 ng/ul	130630	1,4-Dichlorobenzene-d4	8.059

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-(5-bromopentyl)-	222	C8H15BrO2	056741-68-5	38
2	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	36
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4	2,2'-Bi-1,3-dioxolane	146	C6H10O4	006705-89-1	33
5	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
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ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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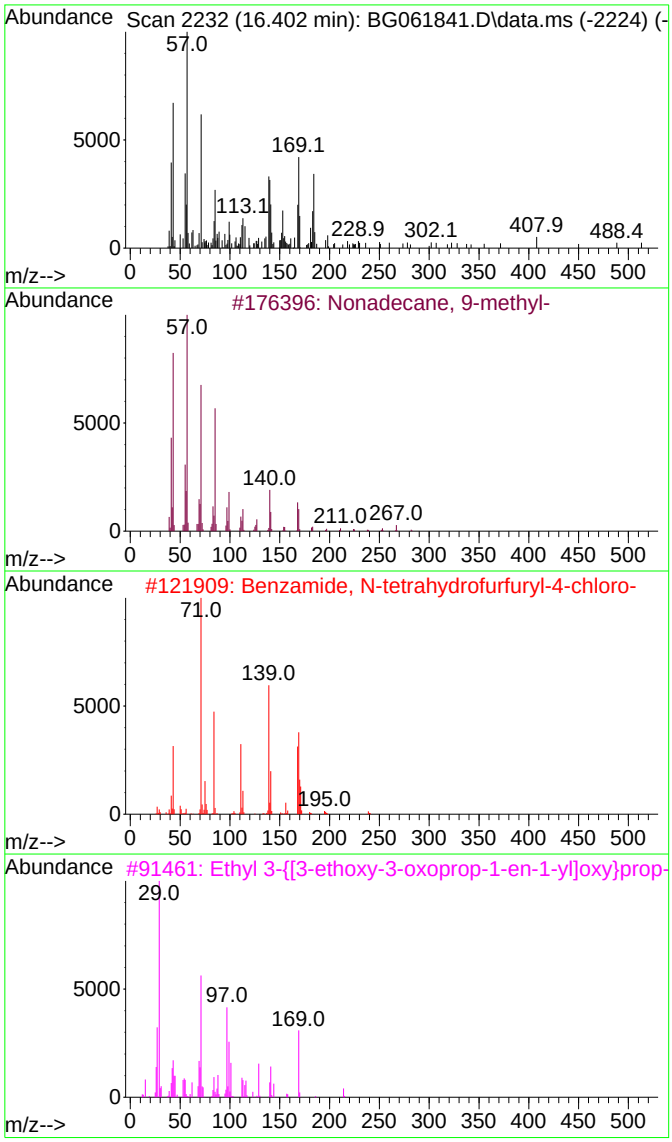
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

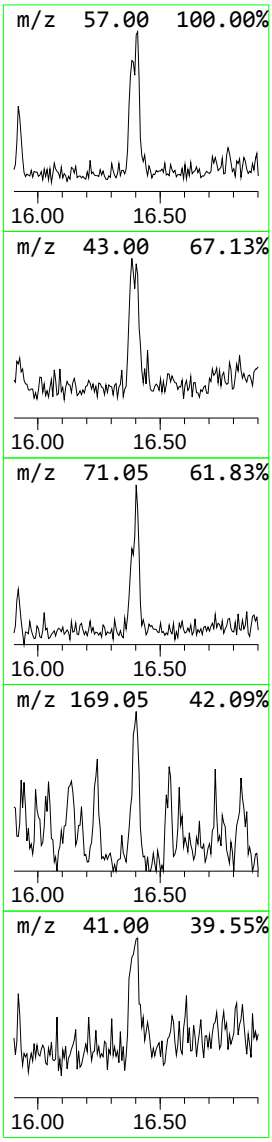
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.402	3.04 ng/ul	180757	Phenanthrene-d10	17.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	22
2	Benzamide, N-tetrahydrofurfuryl-...	239	C12H14ClNO2	1000307-39-4	12
3	Ethyl 3-{[3-ethoxy-3-oxoprop-1-e...	214	C10H14O5	090927-35-8	12
4	5-Fluoro-2-methoxypyridin-4-amin...	226	C10H11FN2O3	1000503-13-3	10
5	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	10





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Data File : BG061841.D
Acq On : 2 Jul 2024 11:02
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ8

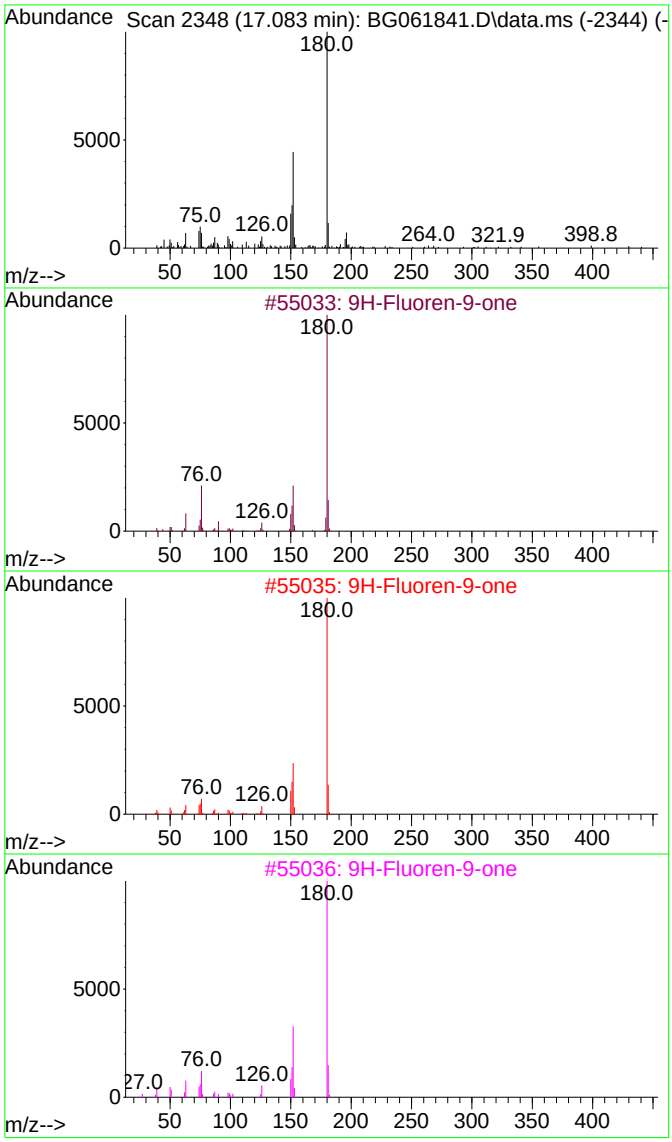
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

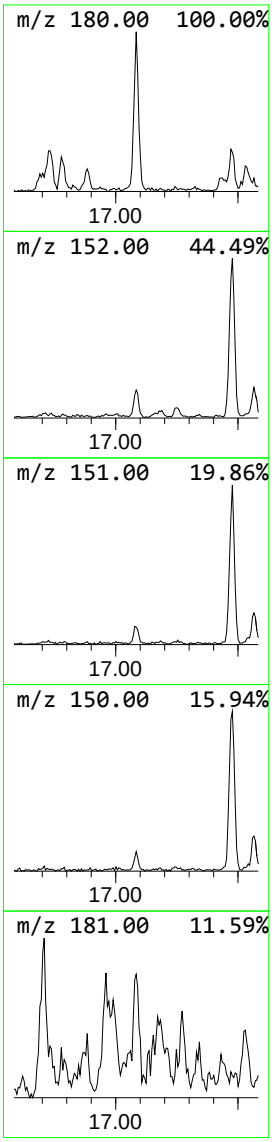
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 9H-Fluoren-9-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.083	2.64 ng/ul	156581	Phenanthrene-d10	17.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	81
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	80
4	9,9-Bis[4-aminophenylsulfonyl]fl...	476	C25H20N2O4S2	081269-16-1	78
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061841.D
Acq On : 2 Jul 2024 11:02
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ8

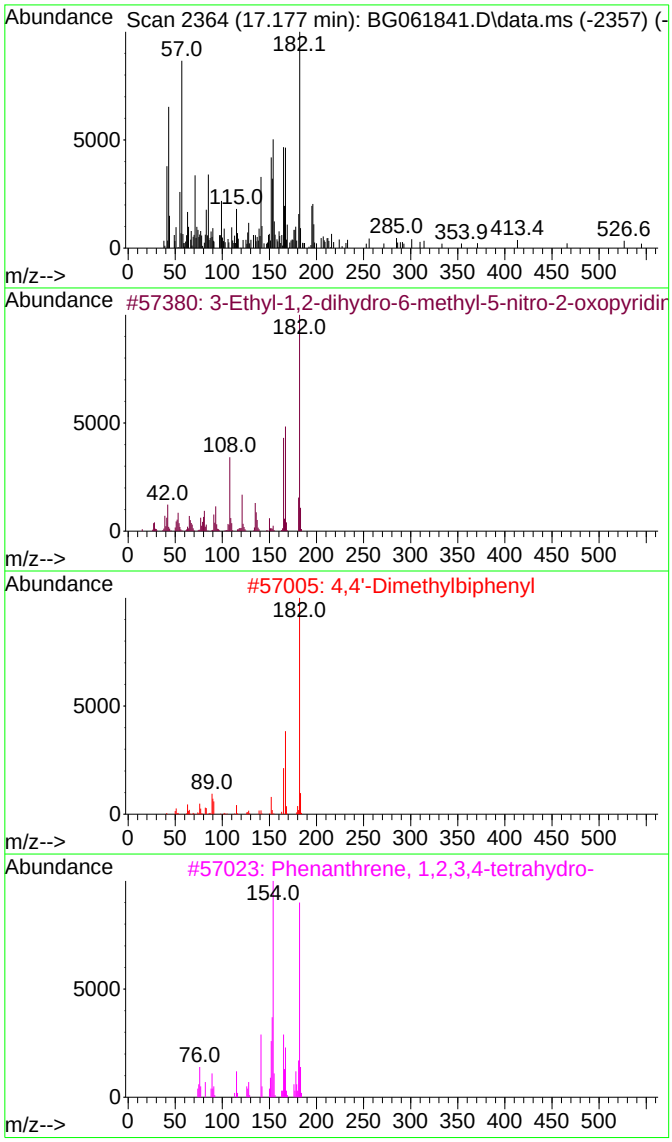
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

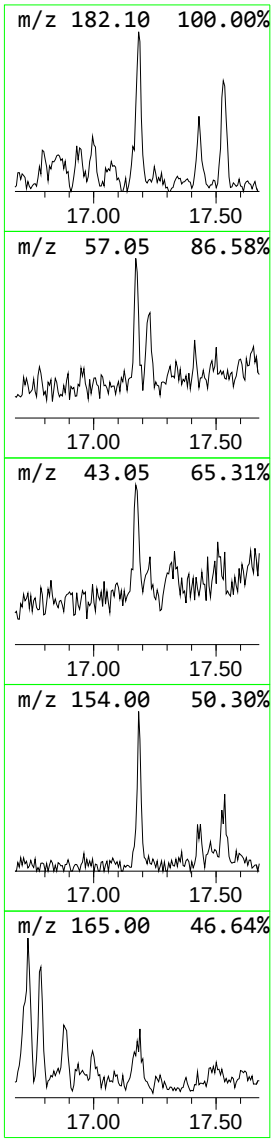
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.177	3.30 ng/ul	195658	Phenanthrene-d10	17.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-1,2-dihydro-6-methyl-5-n...	182	C8H10N2O3	1000241-09-2	49
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	38
3	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	38
4	But-2-enedinitrile, 2-cyano-3-(1...	182	C10H6N4	1000304-34-1	35
5	N-Methyl-N-trifluoroacetyl-L-valine	227	C8H12F3NO3	1000452-81-7	30





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Acq On : 2 Jul 2024 11:02
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ8

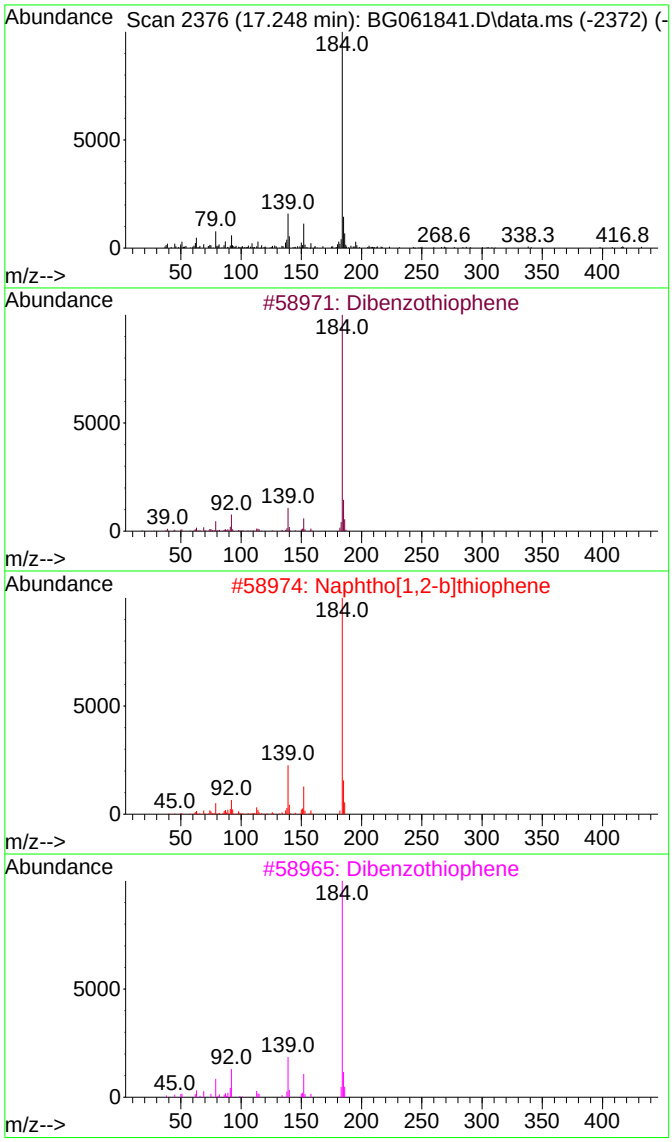
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

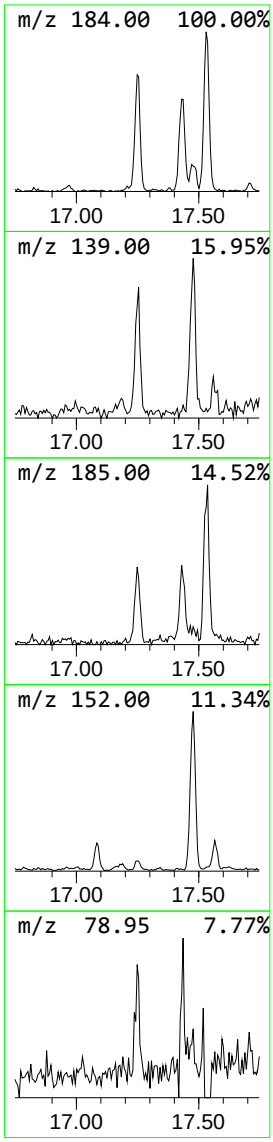
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.248	3.26 ng/ul	193300	Phenanthrene-d10	17.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	90
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90
3	Dibenzothiophene	184	C12H8S	000132-65-0	90
4	Dibenzothiophene	184	C12H8S	000132-65-0	90
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	90





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Sample : P2963-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ8

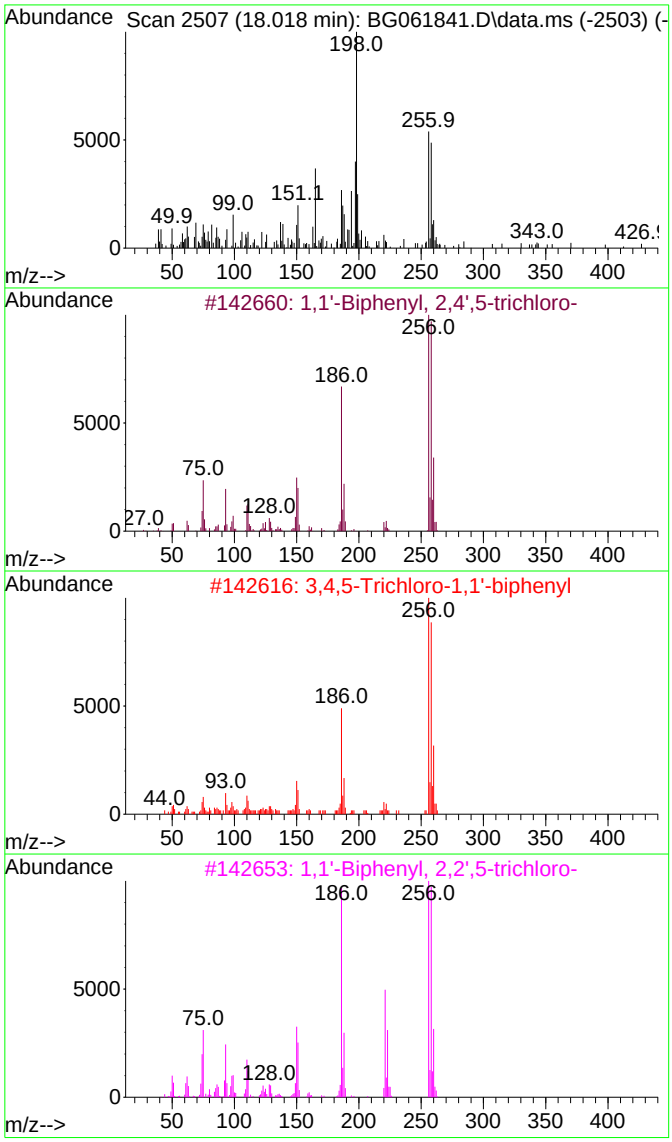
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

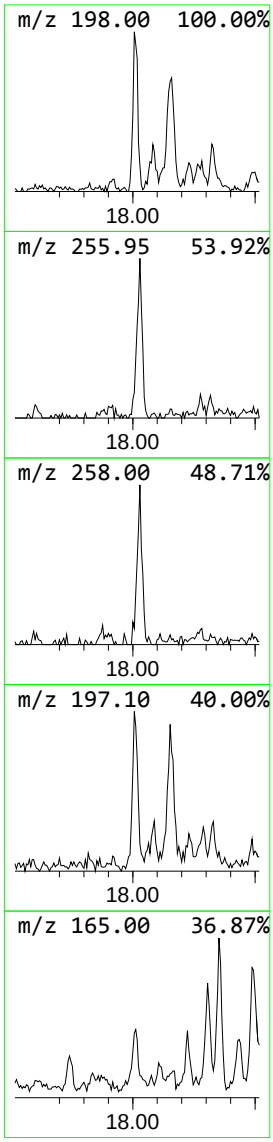
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,1'-Biphenyl, 2,4',5-trich... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.018	3.60 ng/ul	213844	Phenanthrene-d10	17.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	70
2	3,4,5-Trichloro-1,1'-biphenyl	256	C12H7Cl3	053555-66-1	50
3	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	38
4	3,3',4-Trichloro-1,1'-biphenyl	256	C12H7Cl3	037680-69-6	30
5	3,4,5-Trichloro-1,1'-biphenyl	256	C12H7Cl3	053555-66-1	30





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Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ8

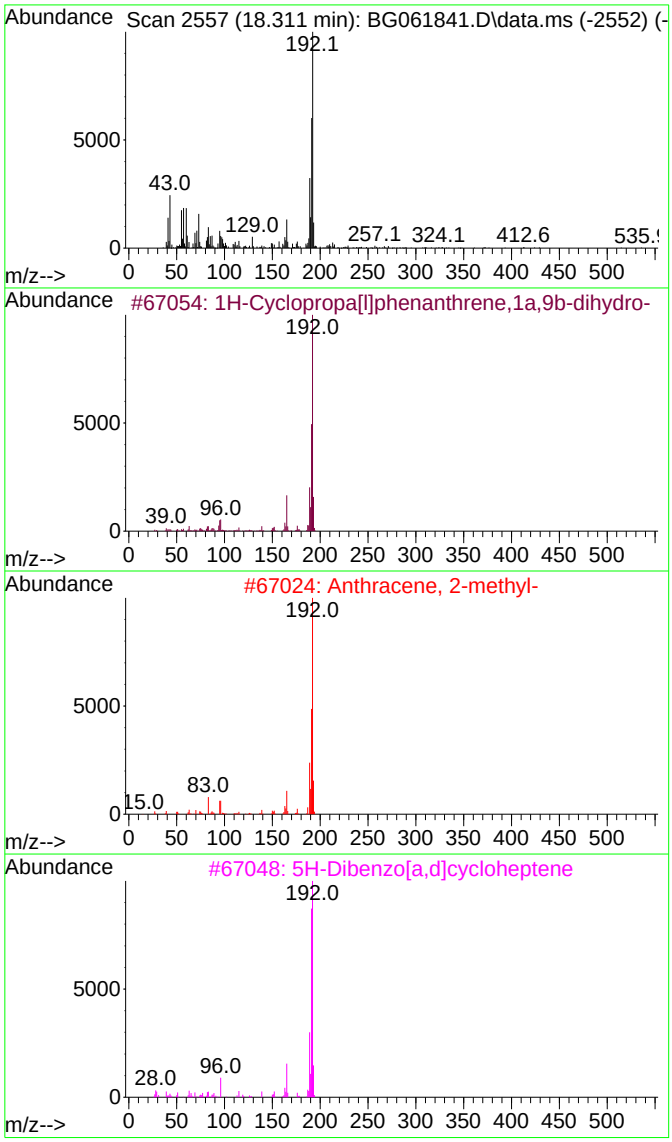
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

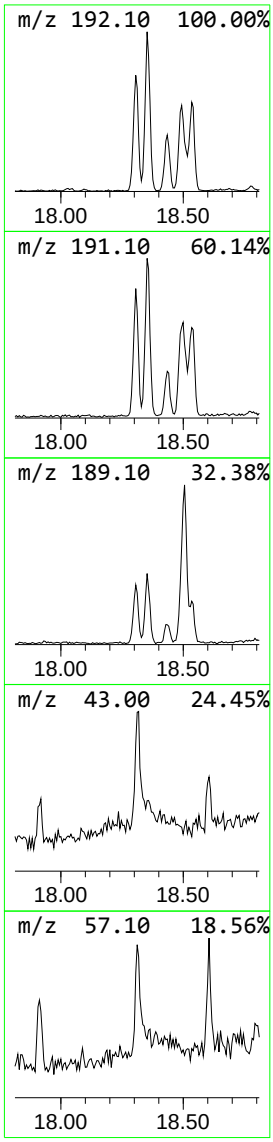
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.311	10.13 ng/ul	601386	Phenanthrene-d10	17.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	86
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	76
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76





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Acq On : 2 Jul 2024 11:02
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ8

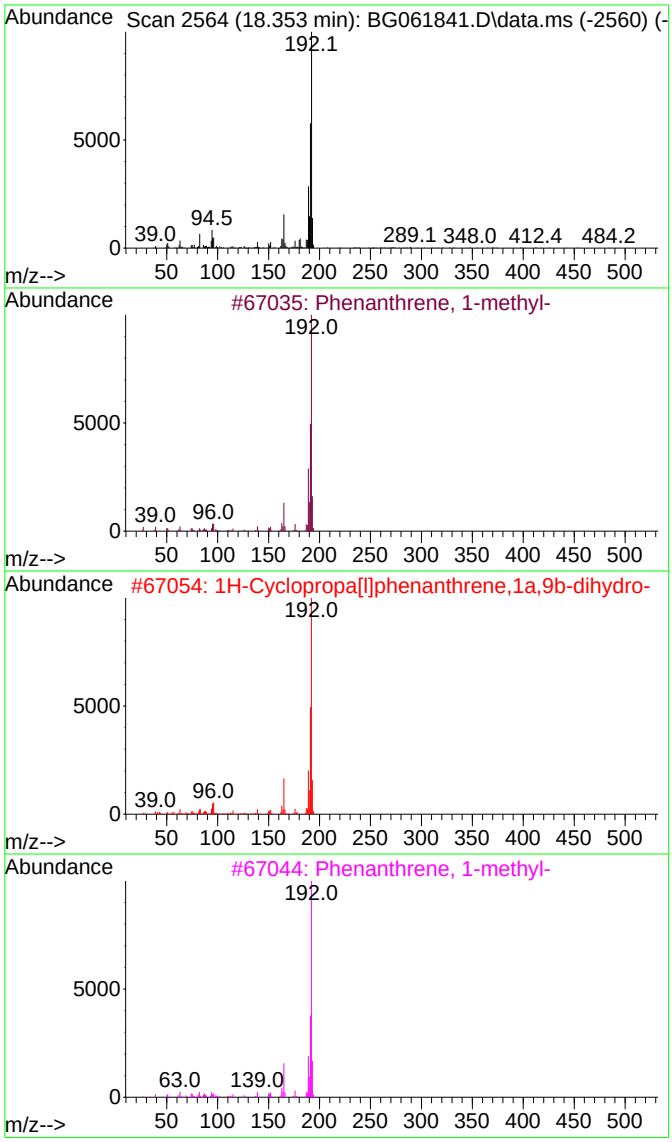
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

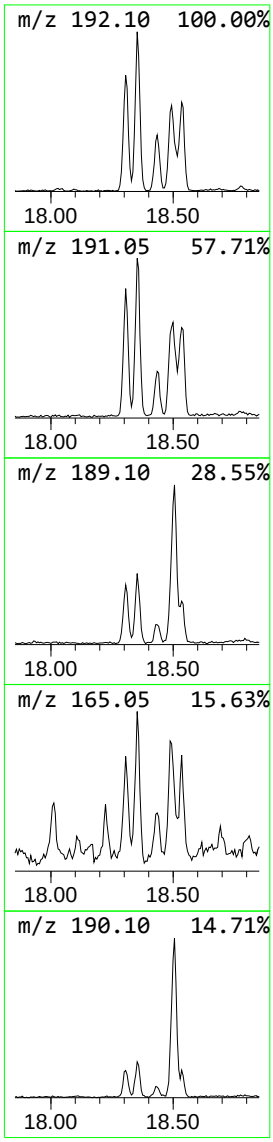
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.352	10.68 ng/ul	633925	Phenanthrene-d10	17.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ8

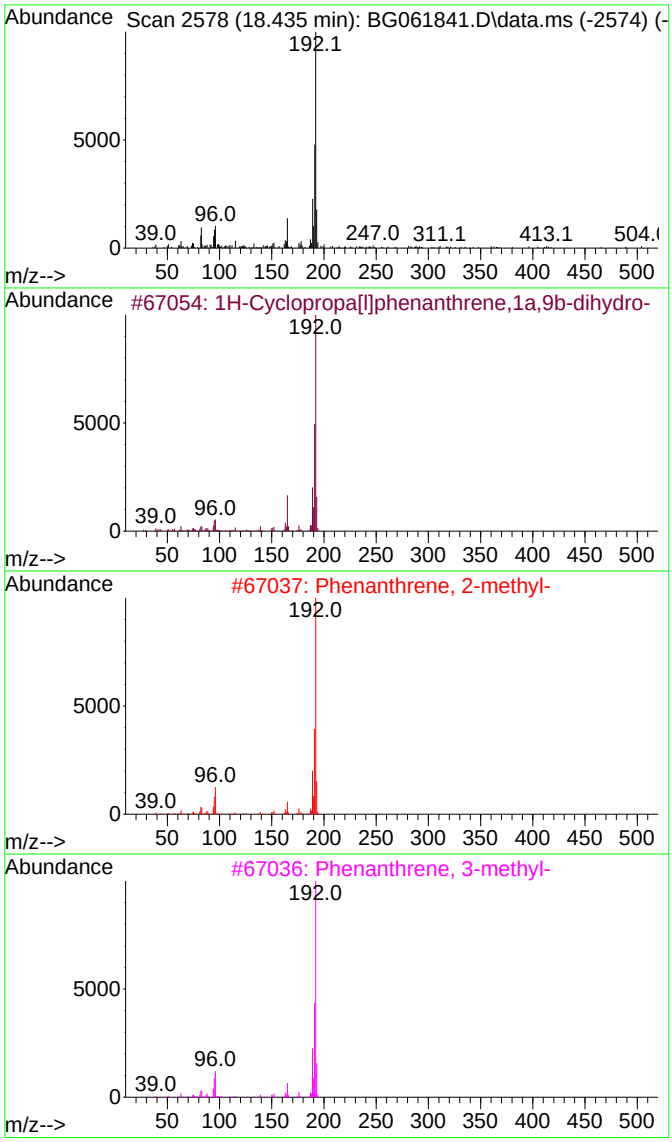
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

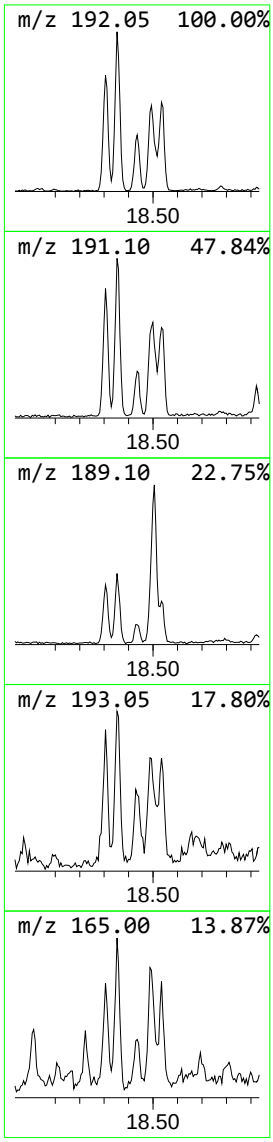
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.435	2.98 ng/ul	176886	Phenanthrene-d10	17.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
4	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	94
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





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Acq On : 2 Jul 2024 11:02
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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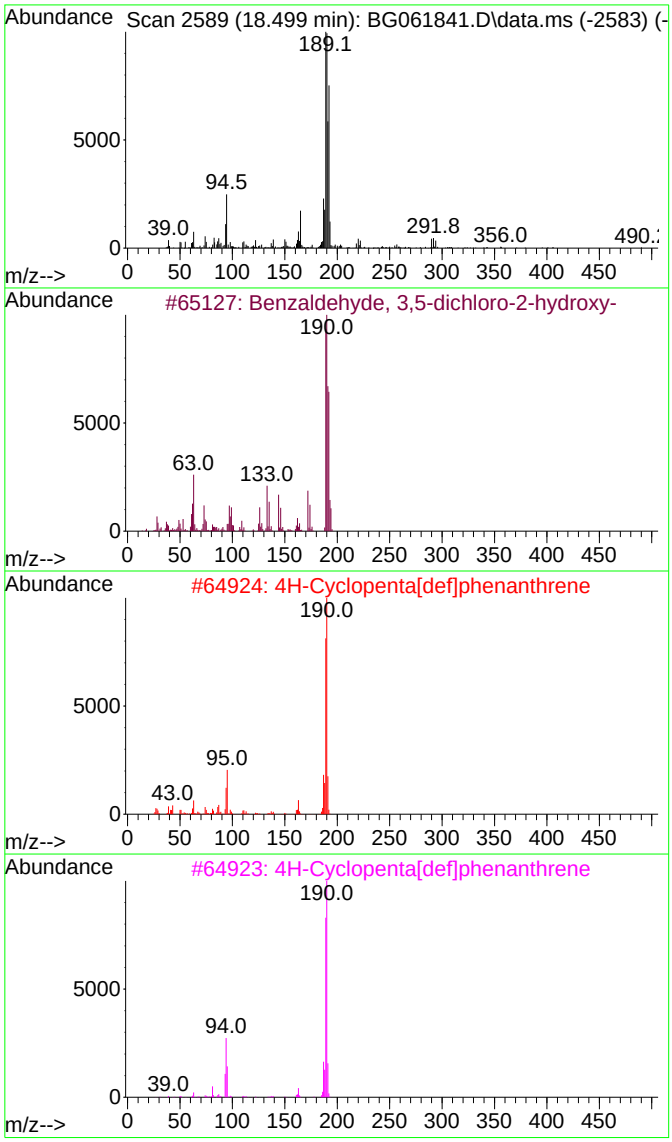
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

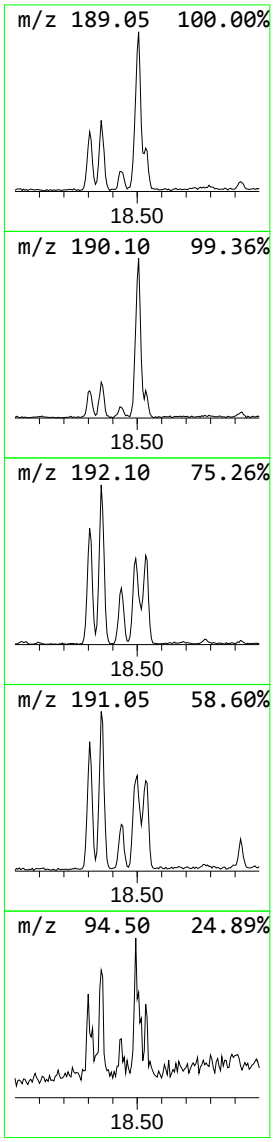
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzaldehyde, 3,5-dichloro-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.499	13.07 ng/ul	776113	Phenanthrene-d10	17.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	43
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	30





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Sample : P2963-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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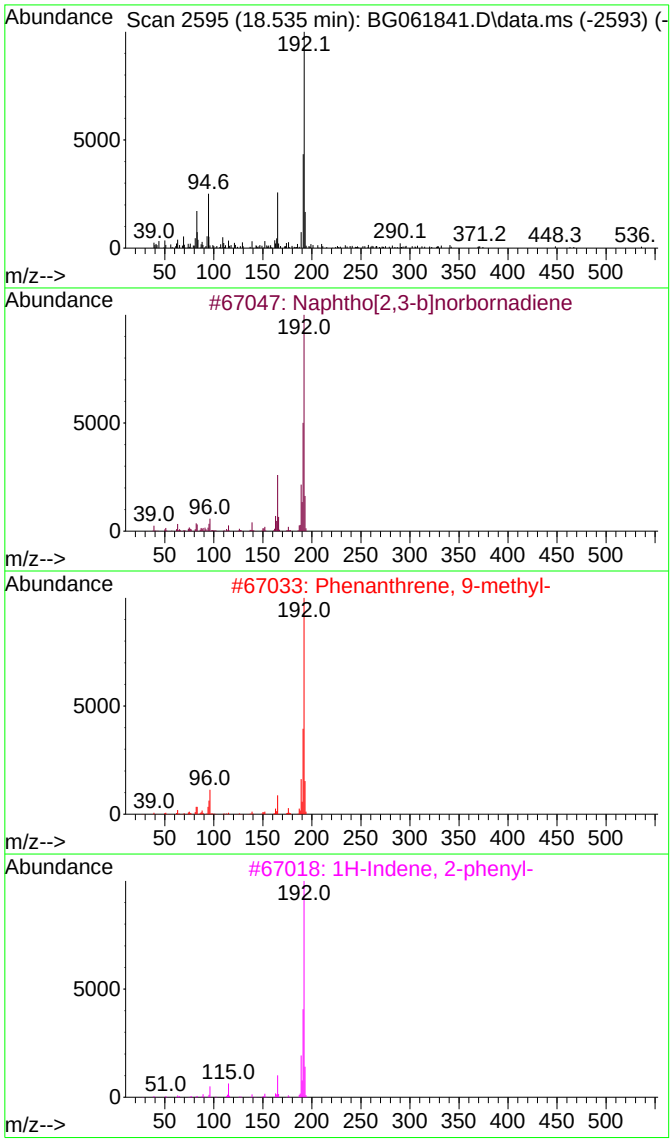
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

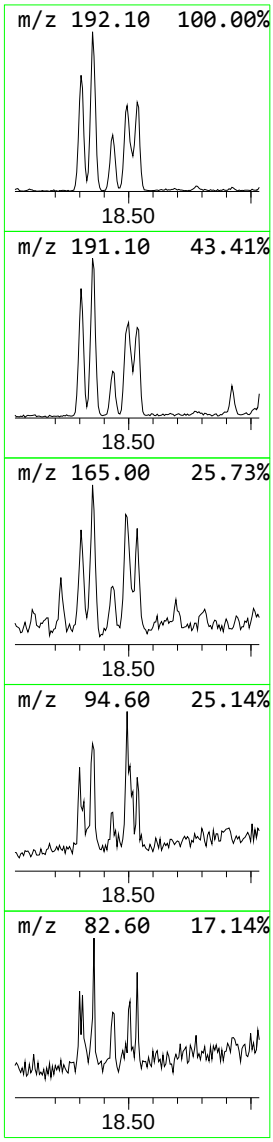
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphtho[2,3-b]norbornadiene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.535	5.30 ng/ul	314646	Phenanthrene-d10	17.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	81
2	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	74
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	72
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	72
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	72





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Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

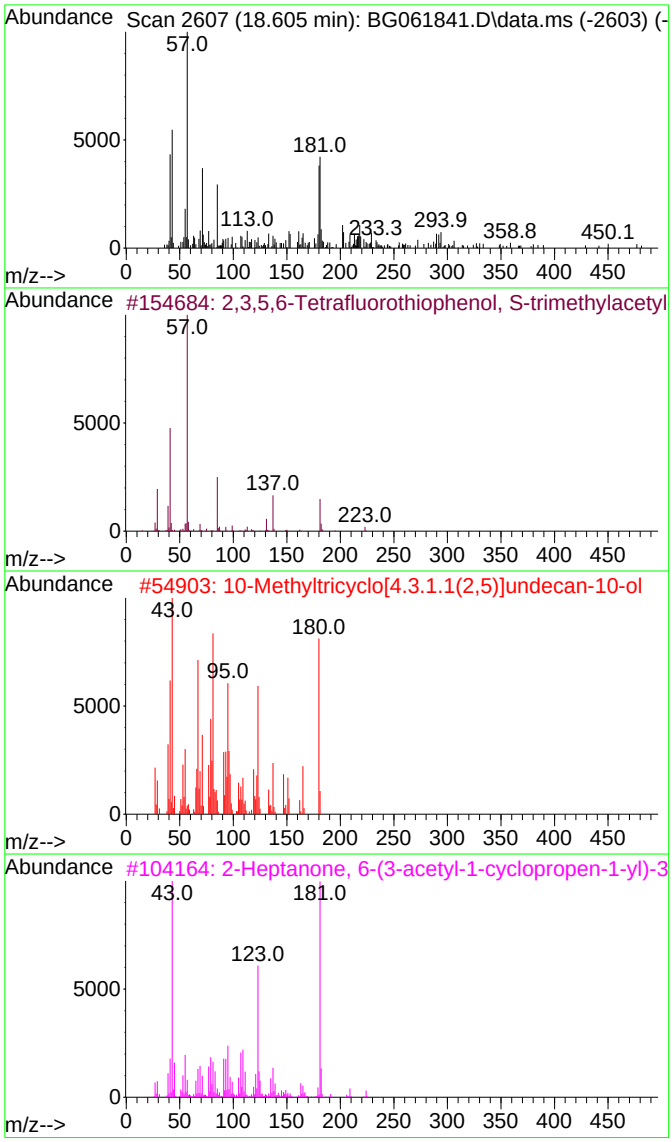
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

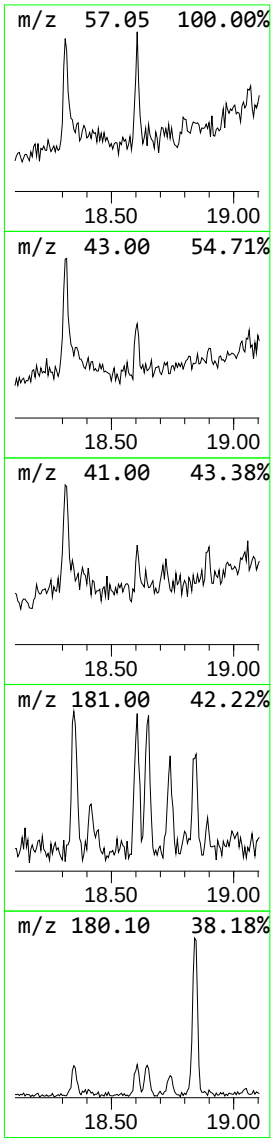
****

Peak Number 14 unknown-03 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.605	2.36 ng/ul	139841	Phenanthrene-d10	17.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,5,6-Tetrafluorothiophenol, S...	266	C11H10F4OS	1000470-48-7	32
2	10-Methyltricyclo[4.3.1.1(2,5)]u...	180	C12H20O	1000187-06-1	22
3	2-Heptanone, 6-(3-acetyl-1-cyclo...	224	C13H20O3	078091-85-7	12
4	2,6-Dichloro-5-fluoropyridin-3-a...	222	C7H5Cl2FN2O	1000503-14-0	12
5	5-Acetamido-1,3,4-thiadiazole-2-...	222	C4H6N4O3S2	000059-66-5	10





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Sample : P2963-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ8

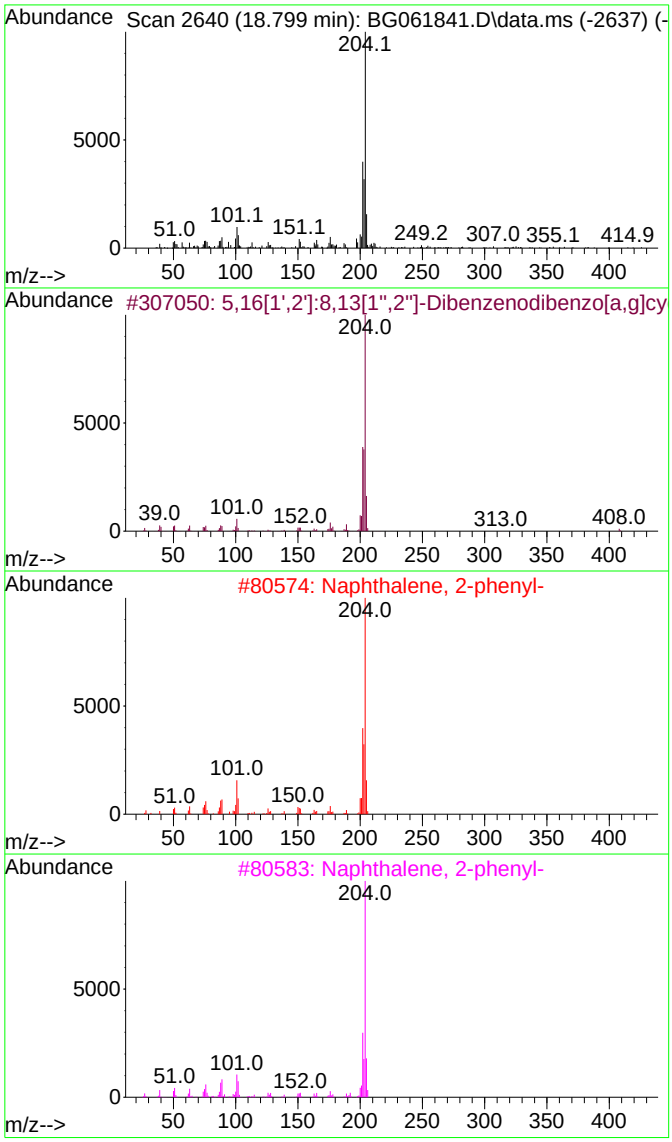
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

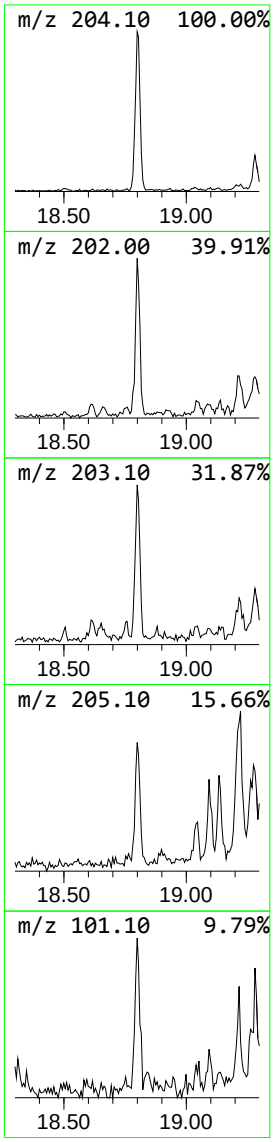
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.799	3.76 ng/ul	223073	Phenanthrene-d10	17.430

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	60
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	55





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ClientSampleId :
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Quant Title : SVOA CALIBRATION

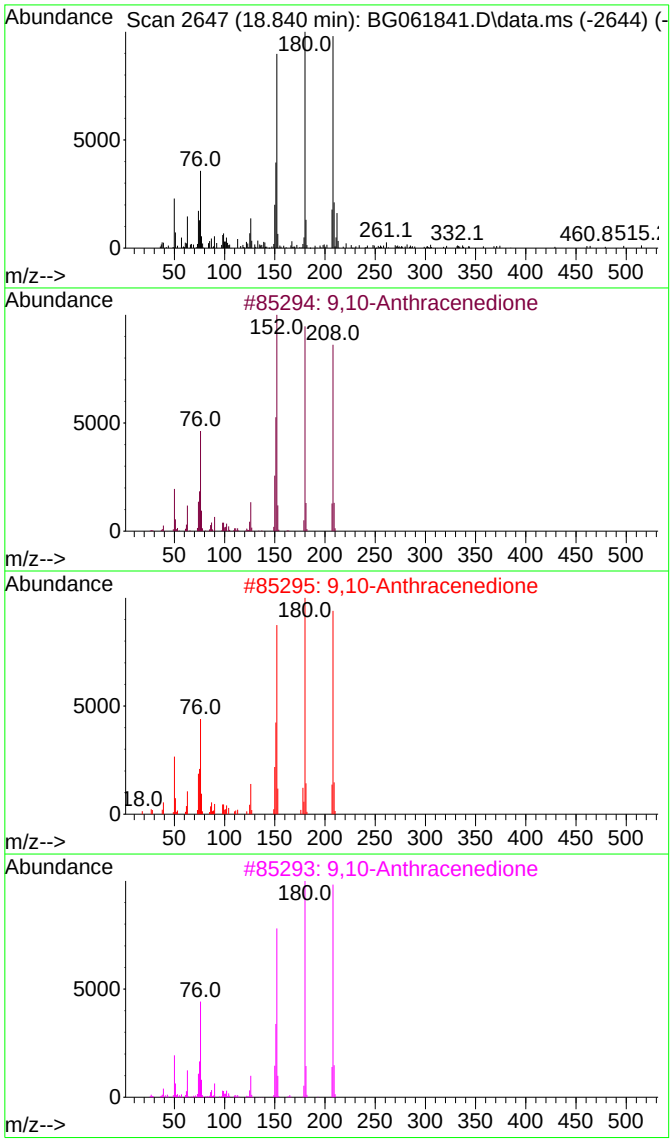
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

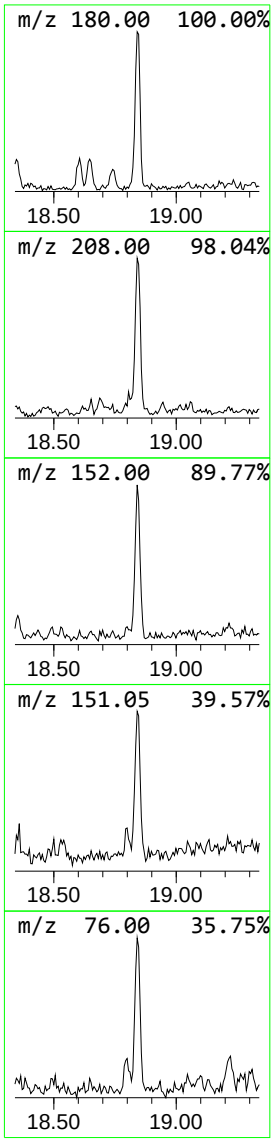
****

Peak Number 16 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.840	4.67 ng/ul	277261	Phenanthrene-d10	17.430

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	83
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83





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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A4CQ8

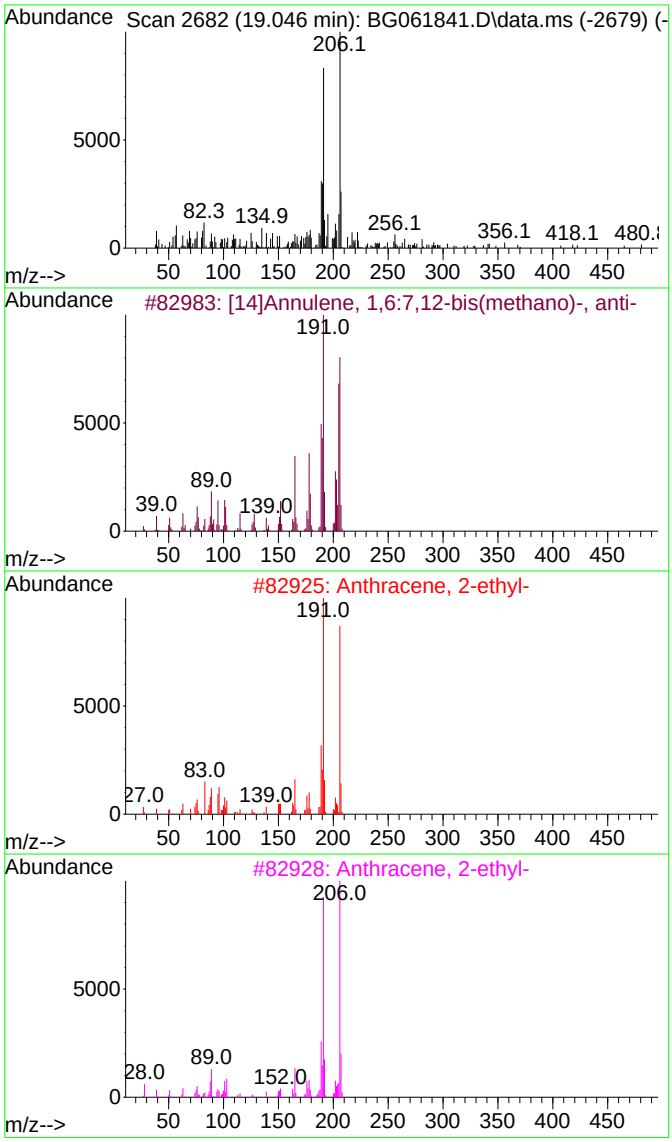
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

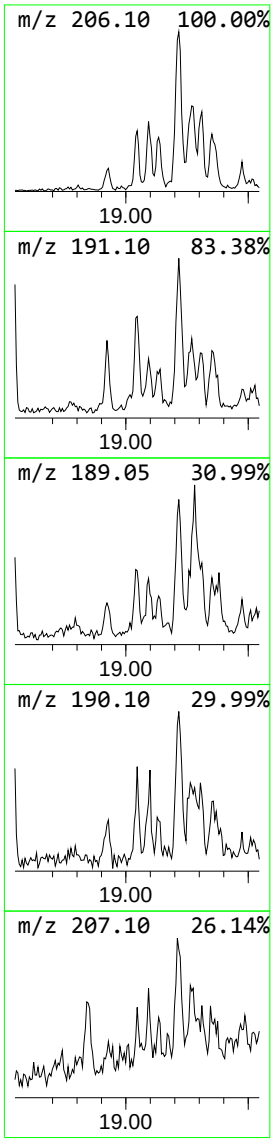
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 [14]Annulene, 1,6:7,12-bis(... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.046	2.06 ng/ul	122112	Phenanthrene-d10	17.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[14]Annulene, 1,6:7,12-bis(metha...	206	C16H14	085440-62-6	90
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	83
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	83
4	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	80
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	80





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Data File : BG061841.D
Acq On : 2 Jul 2024 11:02
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ8

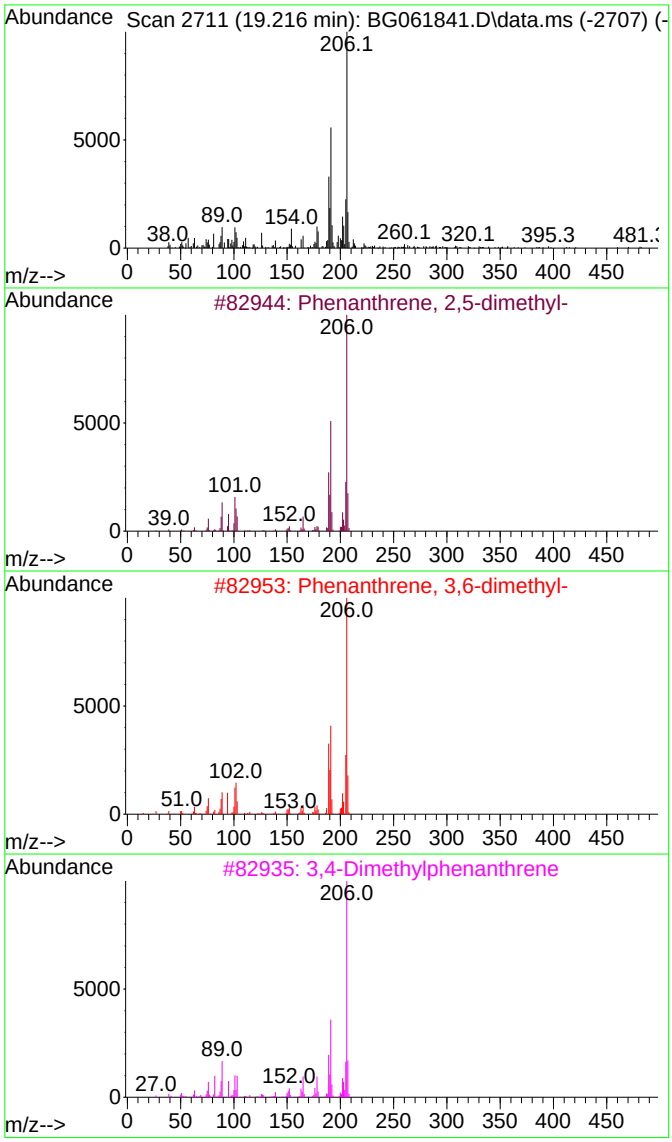
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

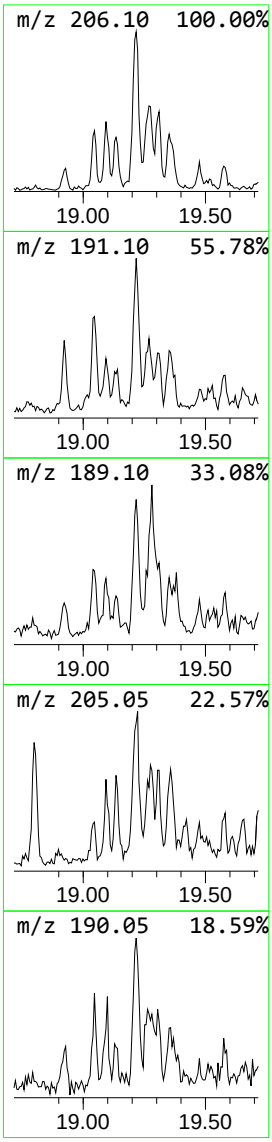
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.216	6.67 ng/ul	395844	Phenanthrene-d10	17.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





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Data File : BG061841.D
Acq On : 2 Jul 2024 11:02
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ8

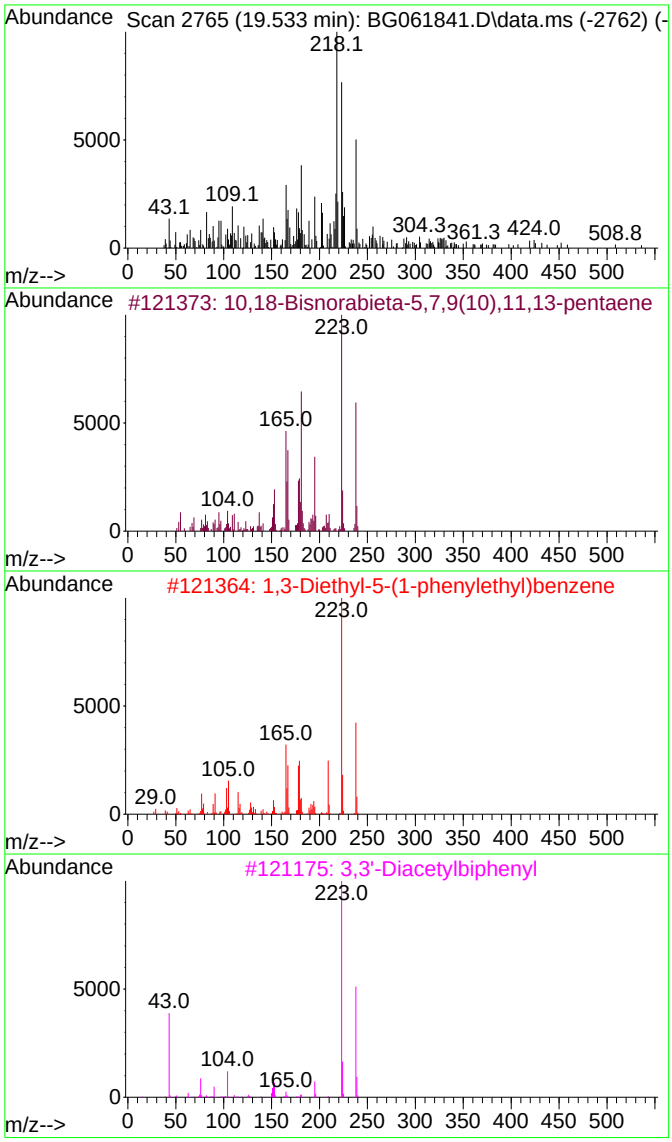
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

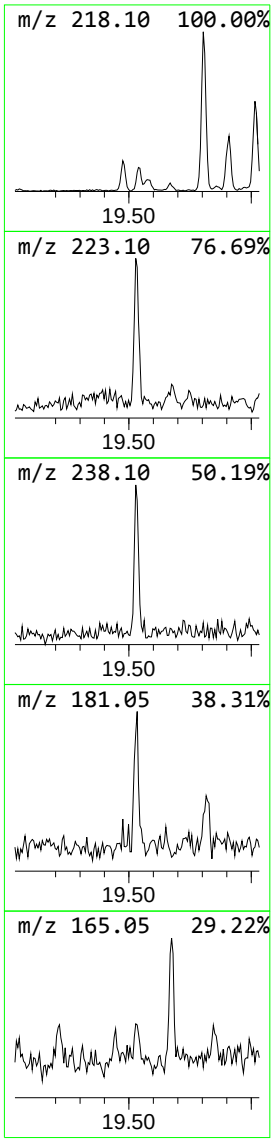
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 unknown-04 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.534	2.56 ng/ul	151961	Phenanthrene-d10	17.430

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	49
2	1,3-Diethyl-5-(1-phenylethyl)ben...	238	C18H22	1000482-32-6	41
3	3,3'-Diacetylbiphenyl	238	C16H14O2	094113-07-2	41
4	Anthraquinone, 2-amino-	223	C14H9NO2	000117-79-3	35
5	.alpha.-Amyrone	424	C30H48O	000638-96-0	30





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Data File : BG061841.D
Acq On : 2 Jul 2024 11:02
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ8

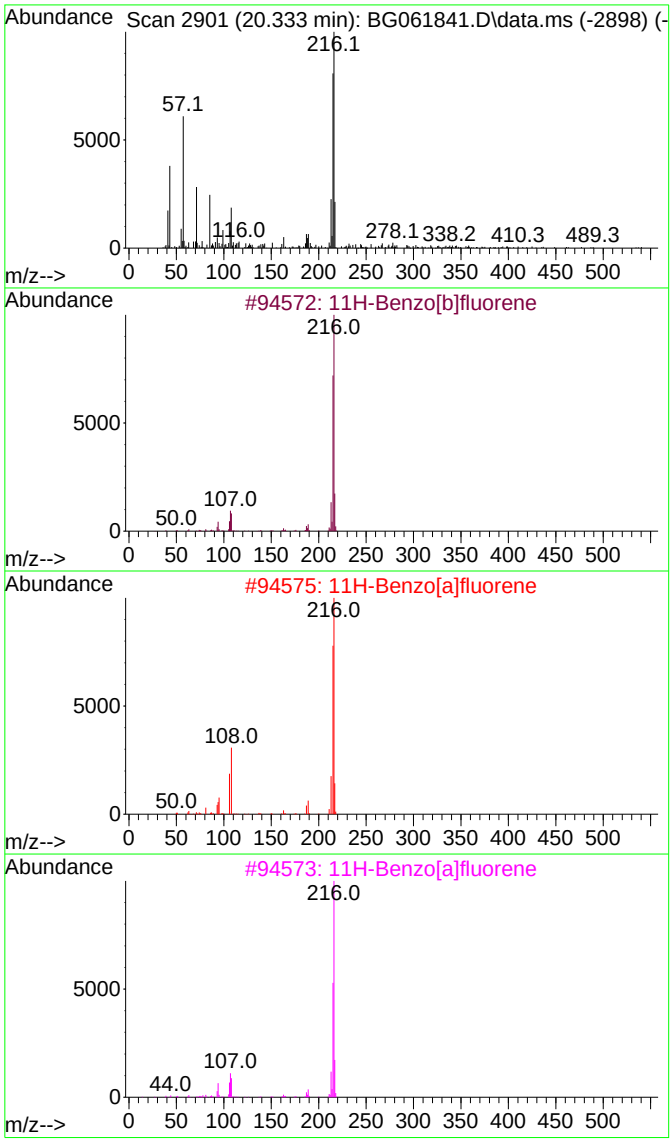
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

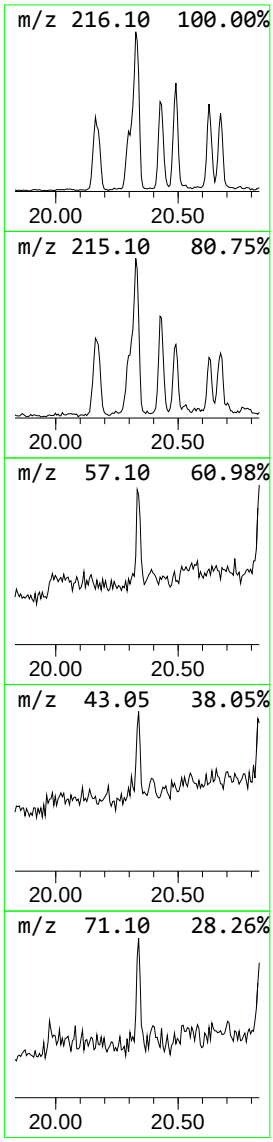
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.333	4.14 ng/ul	592864	Chrysene-d12	21.696

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80





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Data File : BG061841.D
Acq On : 2 Jul 2024 11:02
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ8

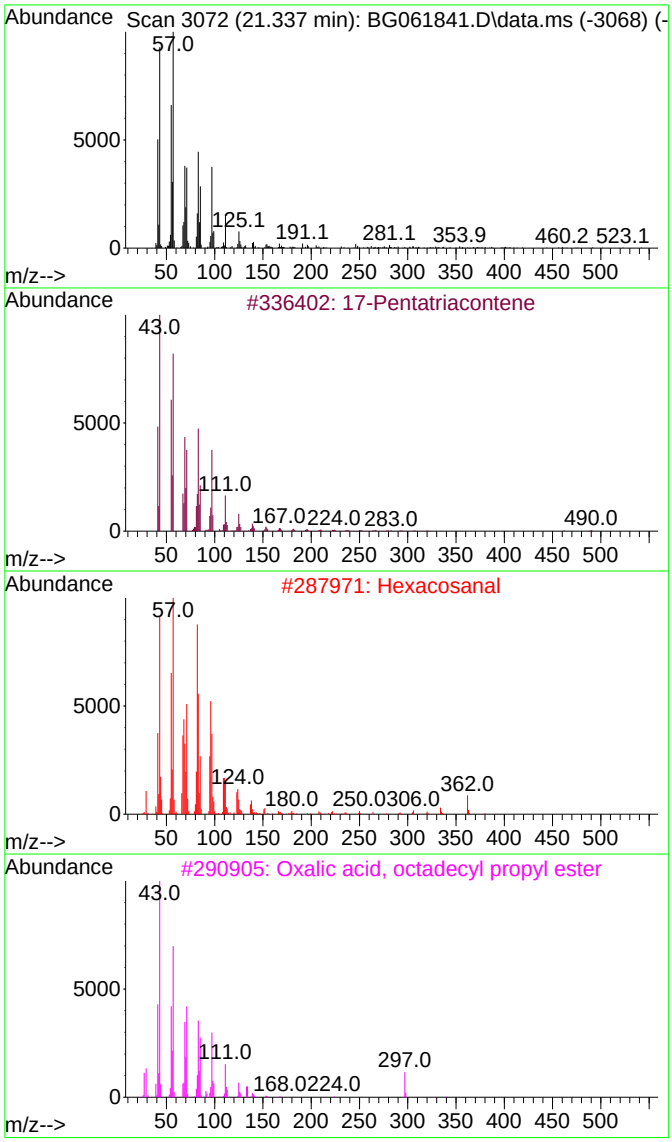
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

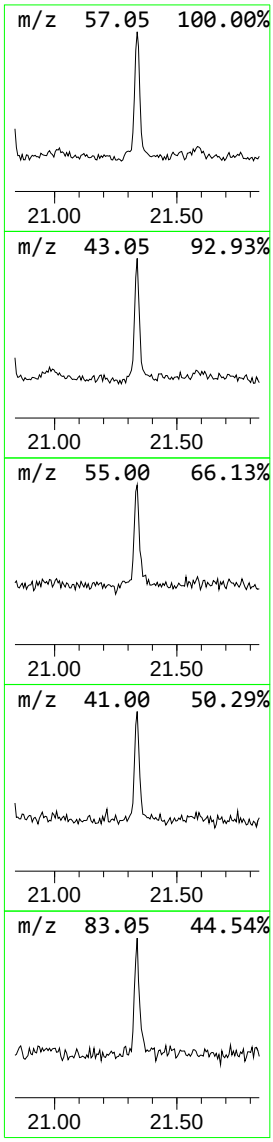
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.337	4.15 ng/ul	595191	Chrysene-d12	21.696

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	90
2	Hexacosanal	380	C26H52O	026627-85-0	87
3	Oxalic acid, octadecyl propyl ester	384	C23H44O4	1000309-27-0	87
4	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	83
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061841.D
Acq On : 2 Jul 2024 11:02
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ8

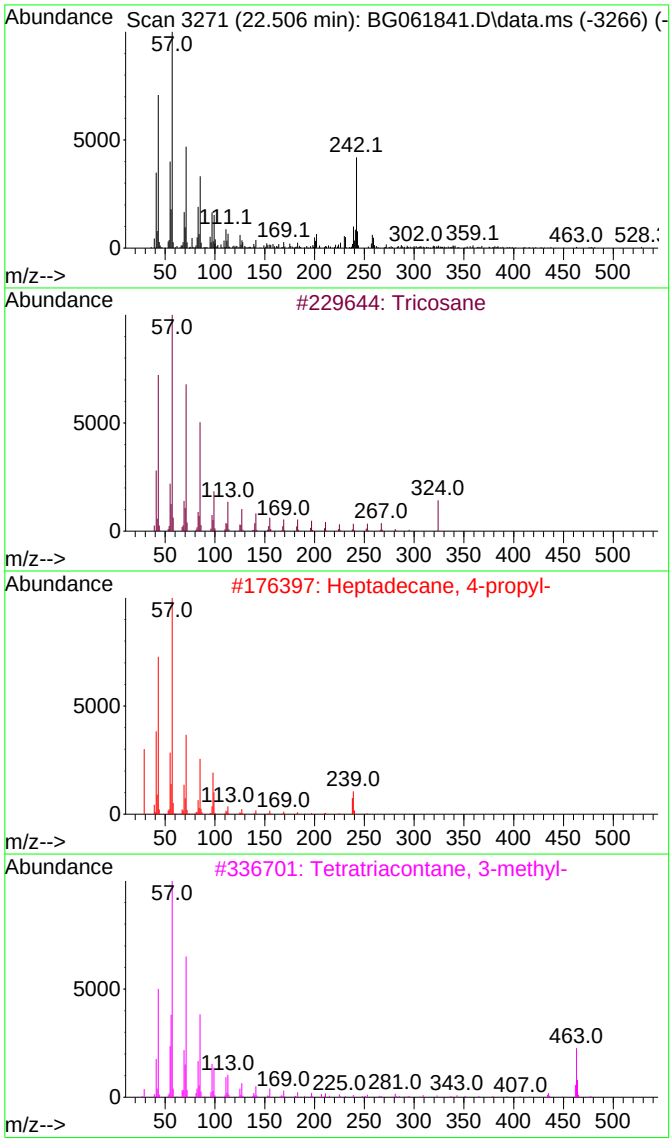
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

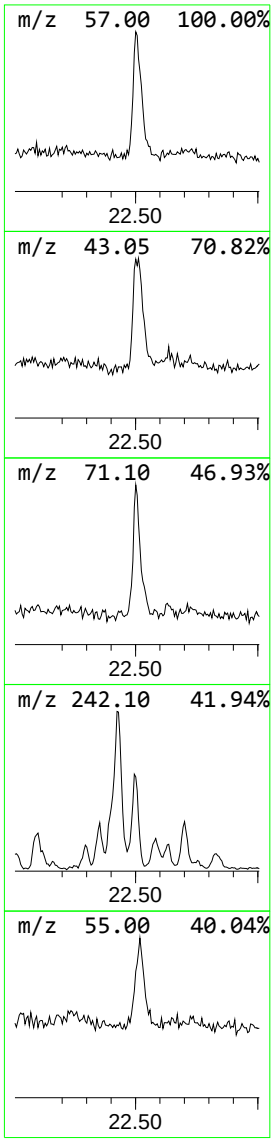
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.506	8.08 ng/ul	1157970	Chrysene-d12	21.696

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	46
2	Heptadecane, 4-propyl-	282	C20H42	055044-10-5	46
3	Tetratriacontane, 3-methyl-	493	C35H72	066309-88-4	37
4	3,3-Diethylpentadecane	268	C19H40	1000360-41-1	32
5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061841.D
Acq On : 2 Jul 2024 11:02
Operator : MA/JU
Sample : P2963-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.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
Methacrylamide	3.987	3.9	ng/ul	98955	1	8.059	502537	20.0
unknown-01	5.133	5.2	ng/ul	130630	1	8.059	502537	20.0
(DEL) Alkane: S...	16.402	3.0	ng/ul	180757	4	17.430	1187500	20.0
9H-Fluoren-9-one	17.083	2.6	ng/ul	156581	4	17.430	1187500	20.0
unknown-02	17.177	3.3	ng/ul	195658	4	17.430	1187500	20.0
Dibenzothiophene	17.248	3.3	ng/ul	193300	4	17.430	1187500	20.0
1,1'-Biphenyl, ...	18.018	3.6	ng/ul	213844	4	17.430	1187500	20.0
1H-Cyclopropa[1...	18.311	10.1	ng/ul	601386	4	17.430	1187500	20.0
Phenanthrene, 1...	18.352	10.7	ng/ul	633925	4	17.430	1187500	20.0
Phenanthrene, 2...	18.435	3.0	ng/ul	176886	4	17.430	1187500	20.0
Benzaldehyde, 3...	18.499	13.1	ng/ul	776113	4	17.430	1187500	20.0
Naphtho[2,3-b]n...	18.535	5.3	ng/ul	314646	4	17.430	1187500	20.0
unknown-03	18.605	2.4	ng/ul	139841	4	17.430	1187500	20.0
5,16[1',2']:8,1...	18.799	3.8	ng/ul	223073	4	17.430	1187500	20.0
9,10-Anthracene...	18.840	4.7	ng/ul	277261	4	17.430	1187500	20.0
[14]Annulene, 1...	19.046	2.1	ng/ul	122112	4	17.430	1187500	20.0
Phenanthrene, 2...	19.216	6.7	ng/ul	395844	4	17.430	1187500	20.0
unknown-04	19.534	2.6	ng/ul	151961	4	17.430	1187500	20.0
11H-Benzo[b]flu...	20.333	4.1	ng/ul	592864	5	21.696	2866020	20.0
(DEL) Alkane: S...	21.337	4.2	ng/ul	595191	5	21.696	2866020	20.0
(DEL) Alkane: S...	22.506	8.1	ng/ul	1157970	5	21.696	2866020	20.0