LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4734

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-BG071723.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG058456.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.978	144	151	160	rVV	291036	499478	5.97%	0.554%
2	4.548	243	248	252	rVV	736783	1090245	13.04%	1.209%
3	4.589	252	255	272	rVB	317845	514688	6.15%	0.571%
4	6.986	654	663	670	rVV2	98238	235952	2.82%	0.262%
5	7.351	718	725	733	rBV	125059	220522	2.64%	0.244%
6	7.503	743	751	760	rBV	94260	178591	2.14%	0.198%
7	7.815	798	804	812	rVB	168986	283813	3.39%	0.315%
8	8.056	838	845	851	rVV4	78452	189917	2.27%	0.211%
9	8.532	920	926	933	rBV	137918	265317	3.17%	0.294%
10	8.637	939	944	953	rVB	137683	248098	2.97%	0.275%
11	8.978	995	1002	1009	rBV	120438	227600	2.72%	0.252%
12	9.701	1119	1125	1135	rVB2	112342	207069	2.48%	0.230%
13	10.241	1207	1217	1224	rBV	150987	340320	4.07%	0.377%
14	10.617	1270	1281	1285	rBV	261420	502138	6.00%	0.557%
15	10.664	1285	1289	1301	rVB	296565	539851	6.45%	0.598%
16	12.280	1558	1564	1571	rVB	206577	346237	4.14%	0.384%
17	12.504	1595	1602	1607	rVB	159802	271314	3.24%	0.301%
18	13.637	1787	1795	1804	rVB4	69860	198703	2.38%	0.220%
19	13.784	1813	1820	1825	rBV	154372	305571	3.65%	0.339%
20	13.867	1830	1834	1839	rVV	372974	613976	7.34%	0.681%
21	13.914	1839	1842	1851	rVB	123052	182277	2.18%	0.202%
22	14.019	1851	1860	1863	rBV3	89831	183476	2.19%	0.203%
23	14.155	1878	1883	1887	rBV2	327218	528053	6.31%	0.585%
24	14.460	1925	1935	1941	rVV2	429968	850346	10.17%	0.943%
25	14.525	1941	1946	1953	rVV	875699	1437431	17.19%	1.593%
26	14.683	1967	1973	1982	rVV4	85583	241936	2.89%	0.268%
27	14.860	1997	2003	2012	rVV	646889	1053837	12.60%	1.168%
28	15.453	2099	2104	2109	rBV	460063	682578	8.16%	0.757%
29	15.512	2109	2114	2122	rVB	968354	1515745	18.12%	1.680%
30	15.594	2122	2128	2132	rBV2	95411	222773	2.66%	0.247%
31	15.670	2137	2141	2145	rVV2	167300	259195	3.10%	0.287%
32	15.717	2145	2149	2153	rVV2	260342	396769	4.74%	0.440%
33	15.806	2159	2164	2171	rVB	262175	432754	5.17%	0.480%
34	15.952	2184	2189	2197	rVB	281683	563348	6.74%	0.624%
35	16.317	2242	2251	2256	rBV3	145457	361458	4.32%	0.401%
36	16.434	2267	2271	2275	rBV	167248	236624	2.83%	0.262%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4734

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-BG071723.MA.M
Title : SVOA CALIBRATION

37	16.511	2281	2284	2289	rVB2	173124	252313	3.02%	0.280%
38	16.740	2315	2323	2327	rBV3	297281	548270	6.56%	0.608%
39	16.863	2340	2344	2351	rVB	211636	320795	3.84%	0.356%
40	16.957	2352	2360	2364	rBV4	188432	463701	5.54%	0.514%
41	17.028	2367	2372	2378	rVV	369659	586891	7.02%	0.651%
42	17.086	2378	2382	2386	rVV2	453016	707689	8.46%	0.784%
43	17.128	2386	2389	2394	rVB	343042	441980	5.28%	0.490%
44	17.204	2396	2402	2406	rBV2	547531	1167393	13.96%	1.294%
45	17.263	2406	2412	2417	rVV	4696284	8212005	98.19%	9.103%
46	17.310	2417	2420	2423	rVV2	541610	883703	10.57%	0.980%
47	17.345	2423	2426	2430	rVV	1411762	1995580	23.86%	2.212%
48	17.386	2430	2433	2440	rVB3	436293	765217	9.15%	0.848%
49	17.609	2464	2471	2475	rBV2	197037	418398	5.00%	0.464%
50	17.656	2475	2479	2482	rVV2	270654	429979	5.14%	0.477%
51	17.692	2482	2485	2488	rVV2	212860	292923	3.50%	0.325%
52	17.727	2488	2491	2497	rVV2	155550	208946	2.50%	0.232%
53	17.809	2497	2505	2511	rVB2	842447	1801963	21.55%	1.998%
54	17.921	2520	2524	2534	rVB4	164566	305742	3.66%	0.339%
55	18.085	2543	2552	2556	rBV	721322	1426382	17.06%	1.581%
56	18.132	2556	2560	2565	rVV	956417	1395400	16.68%	1.547%
57	18.214	2569	2574	2579	rVB	407998	579146	6.92%	0.642%
58	18.279	2579	2585	2589	rBV3	1226643	2281608	27.28%	2.529%
59	18.320	2589	2592	2598	rVB2	493883	924291	11.05%	1.025%
60	18.379	2598	2602	2607	rVB3	218991	335117	4.01%	0.371%
61	18.585	2629	2637	2641	rBV	637905	1060609	12.68%	1.176%
62	18.632	2641	2645	2648	rVB	282635	372376	4.45%	0.413%
63	18.826	2674	2678	2683	rVB3	217385	326115	3.90%	0.362%
64	19.002	2702	2708	2713	rBV	304060	644210	7.70%	0.714%
65	19.066	2714	2719	2722	rVV3	213826	459046	5.49%	0.509%
66	19.096	2722	2724	2727	rVV2	228517	247071	2.95%	0.274%
67	19.143	2727	2732	2740	rVV5	280806	583677	6.98%	0.647%
68	19.278	2747	2755	2760	rBV	4853638	8363368	100.00%	9.271%
69	19.319	2760	2762	2766	rVV2	203201	285462	3.41%	0.316%
70	19.366	2766	2770	2774	rVB	211801	296571	3.55%	0.329%
71	19.460	2782	2786	2789	rBV5	102137	176517	2.11%	0.196%
72	19.601	2804	2810	2813	rBV2	1521263	2687282	32.13%	2.979%
73	19.630	2813	2815	2823	rVV	1618128	2381001	28.47%	2.639%
74	19.695	2823	2826	2832	rVB3	386691	589463	7.05%	0.653%
75	19.807	2840	2845	2850	rVB	425885	620194	7.42%	0.687%
76	19.871	2852	2856	2863	rVB	227775	411657	4.92%	0.456%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4734

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-BG071723.MA.M
Title : SVOA CALIBRATION

77	19.954	2864	2870	2878	rBV3	403387	1005772	12.03%	1.115%
78	20.083	2887	2892	2894	rBV2	316433	537391	6.43%	0.596%
79	20.124	2895	2899	2903	rVB	1047868	1505874	18.01%	1.669%
80	20.224	2911	2916	2919	rBV	887668	1249144	14.94%	1.385%
81	20.277	2919	2925	2929	rVV3	384066	818842	9.79%	0.908%
82	20.318	2929	2932	2935	rVB	207430	233592	2.79%	0.259%
83	20.359	2936	2939	2943	rVB2	145481	188515	2.25%	0.209%
84	20.465	2954	2957	2960	rVB2	199049	238704	2.85%	0.265%
85	20.835	3015	3020	3023	rBV3	286031	500709	5.99%	0.555%
86	20.870	3023	3026	3033	rVB	369836	553004	6.61%	0.613%
87	21.046	3051	3056	3059	rBV3	356222	556083	6.65%	0.616%
88	21.088	3059	3063	3067	rVV	539701	769138	9.20%	0.853%
89	21.140	3068	3072	3076	rVV3	413873	717191	8.58%	0.795%
90	21.193	3078	3081	3089	rVB	318730	501719	6.00%	0.556%
91	21.340	3102	3106	3111	rVB	526036	696170	8.32%	0.772%
92	21.440	3113	3123	3129	rVV2	2701179	5872847	70.22%	6.510%
93	21.505	3129	3134	3144	rVB	2219461	3942316	47.14%	4.370%
94	22.151	3239	3244	3249	rVB	418322	726667	8.69%	0.806%
95	22.216	3253	3255	3262	rVB	296252	431297	5.16%	0.478%
96	22.410	3284	3288	3292	rBV	190643	336206	4.02%	0.373%
97	23.567	3475	3485	3491	rBV	1355497	4376894	52.33%	4.852%
98	23.802	3520	3525	3531	rVB	166753	338346	4.05%	0.375%
99	24.378	3619	3623	3634	rVB	222046	620759	7.42%	0.688%
100	24.525	3641	3648	3658	rVB2	312853	815301	9.75%	0.904%

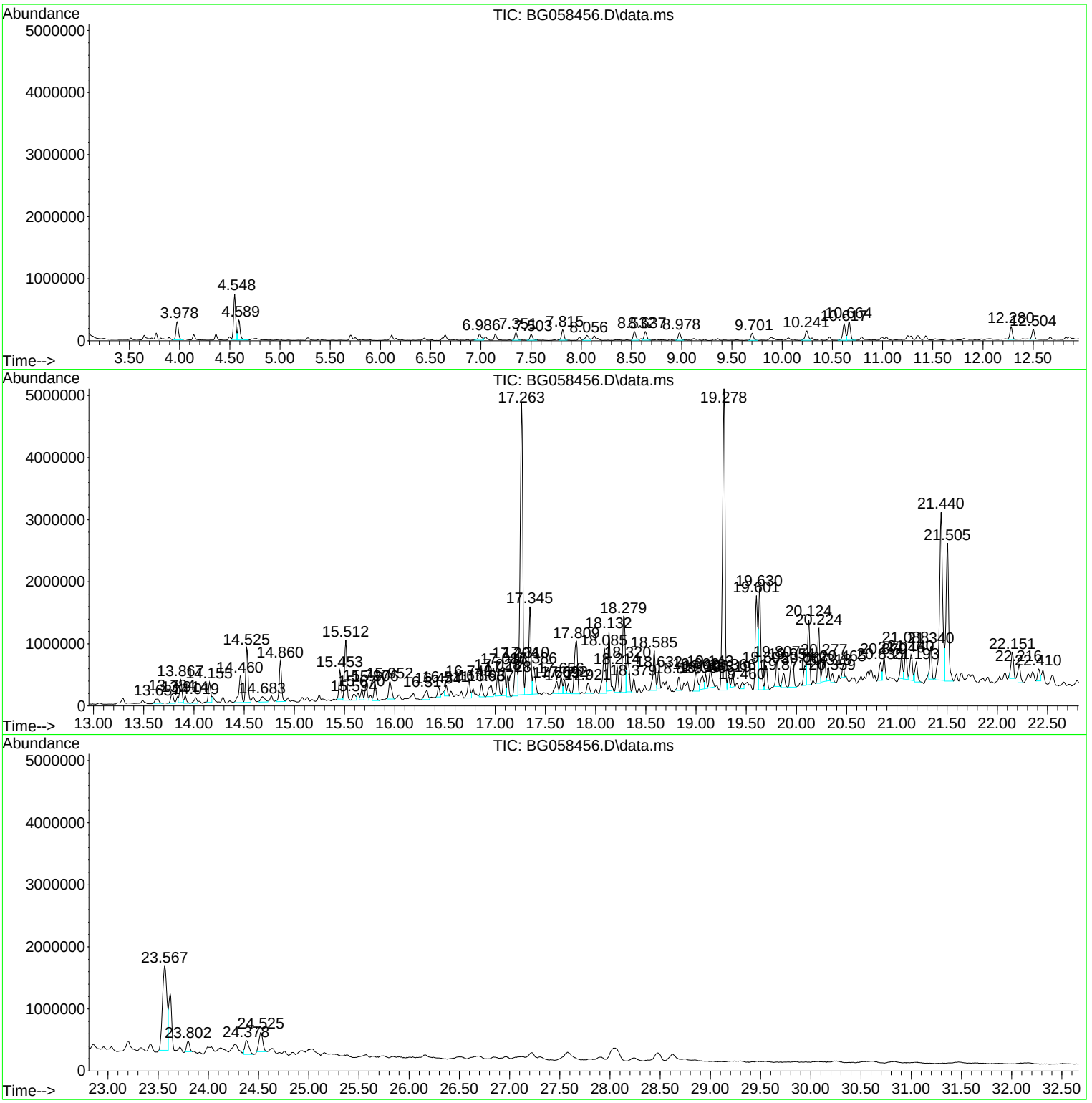
Sum of corrected areas: 90210532

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4734

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.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\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4734

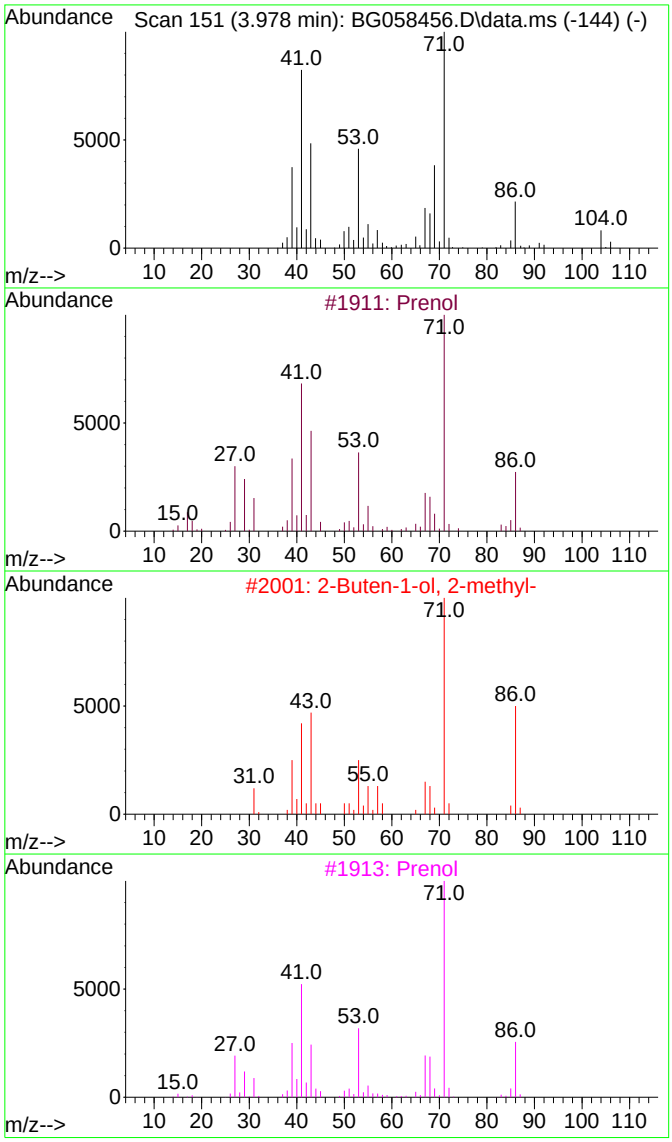
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

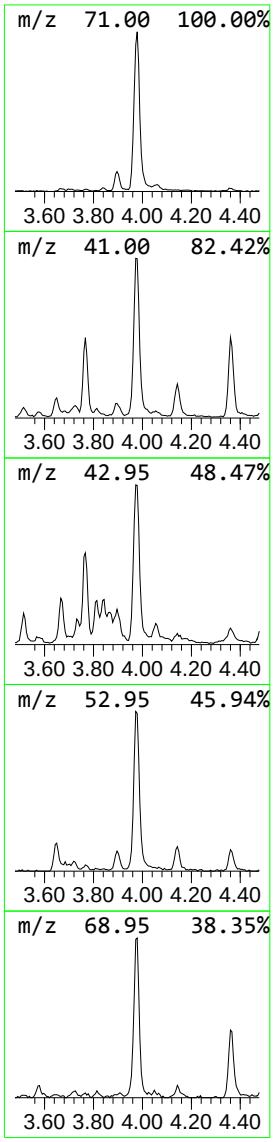
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Prenol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.978	35.20 ng/ul	499478	1,4-Dichlorobenzene-d4	7.815

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Prenol	86	C5H10O	000556-82-1	90
2	2-Buten-1-ol, 2-methyl-	86	C5H10O	004675-87-0	45
3	Prenol	86	C5H10O	000556-82-1	45
4	Prenol	86	C5H10O	000556-82-1	45
5	1-Butene, 2-chloro-3-methyl-	104	C5H9Cl	017773-64-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4734

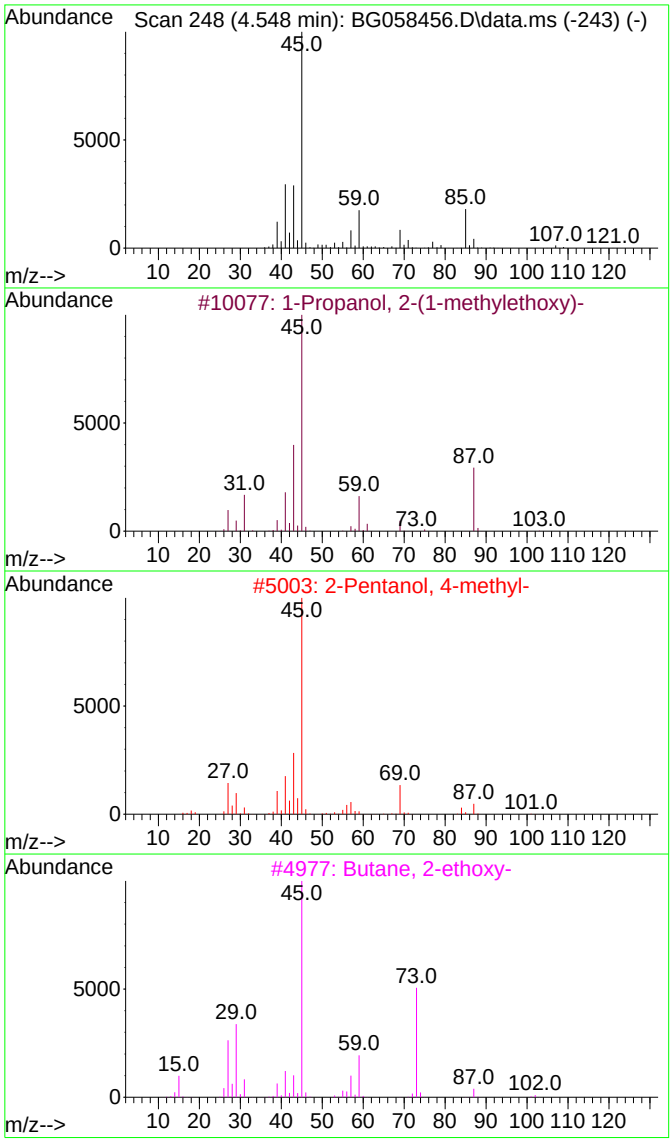
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

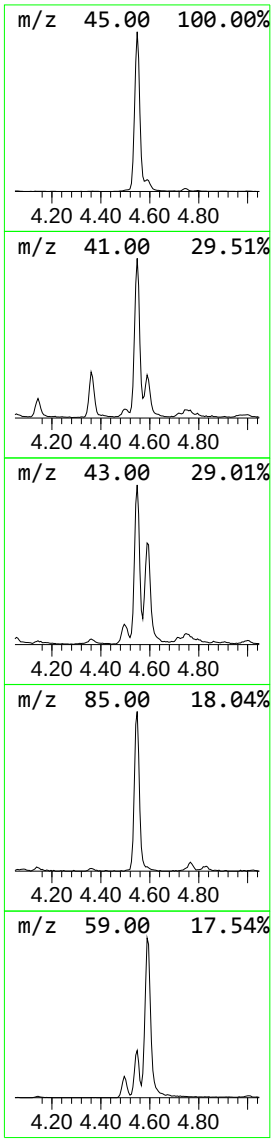
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Propanol, 2-(1-methyletho... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.548	76.83 ng/ul	1090250	1,4-Dichlorobenzene-d4	7.815

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	64
2	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	42
3	Butane, 2-ethoxy-	102	C6H14O	002679-87-0	42
4	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	39
5	Butane, 2-ethoxy-	102	C6H14O	002679-87-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4734

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

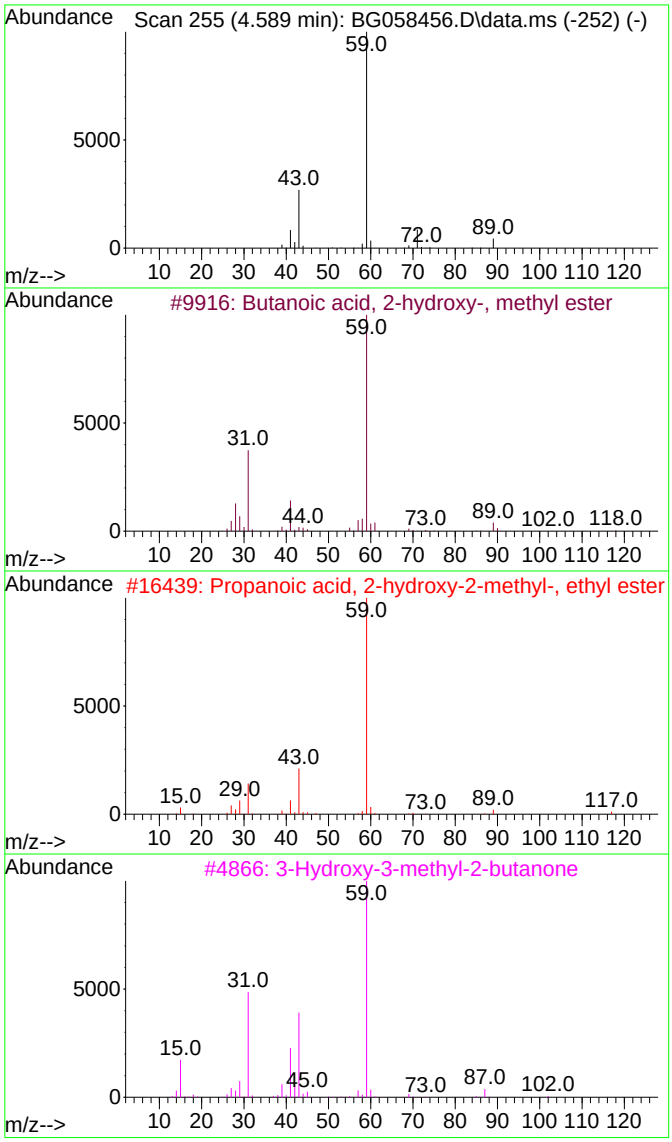
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

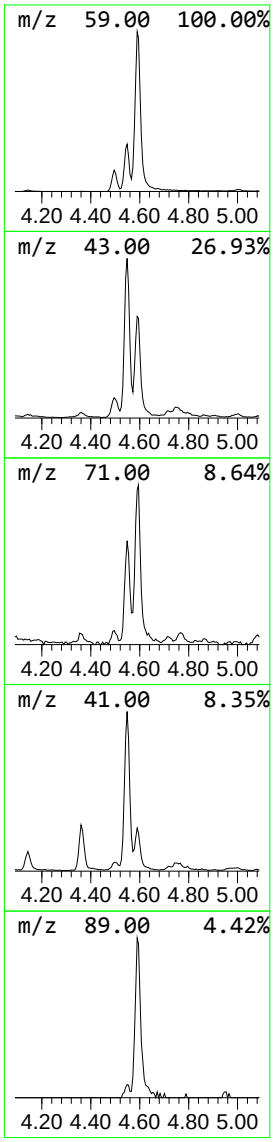
****

Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.589	36.27 ng/ul	514688	1,4-Dichlorobenzene-d4	7.815

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-hydroxy-, methy...	118	C5H10O3	029674-47-3	9
2	Propanoic acid, 2-hydroxy-2-meth...	132	C6H12O3	000080-55-7	9
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9
4	4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	9
5	Guanidine	59	CH5N3	000113-00-8	7





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4734

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

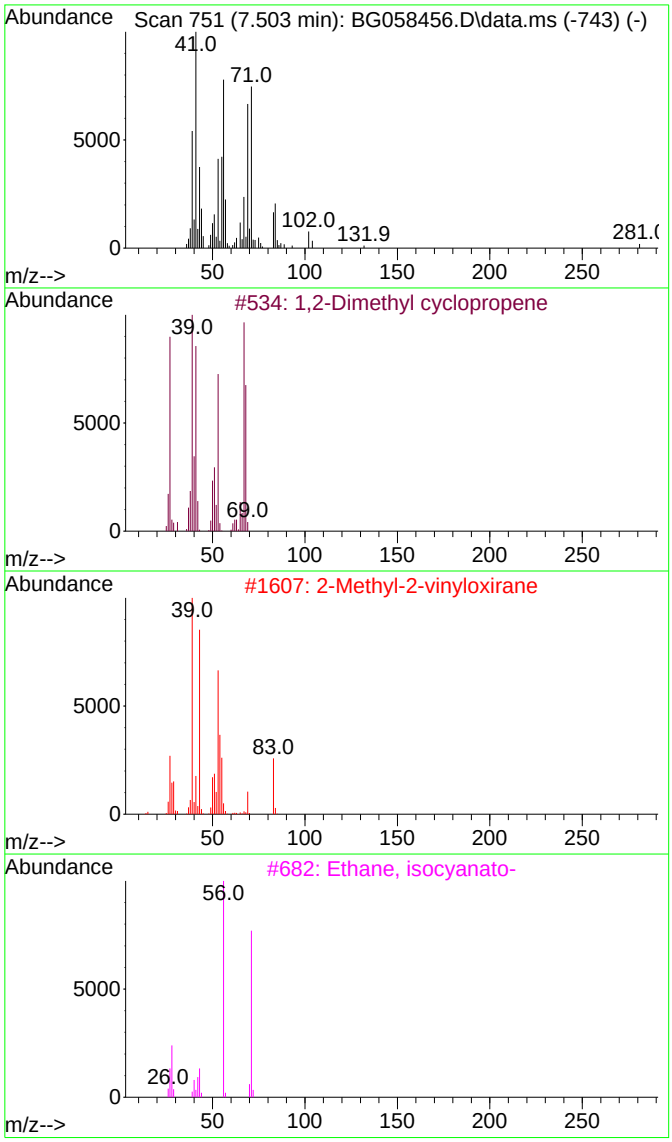
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

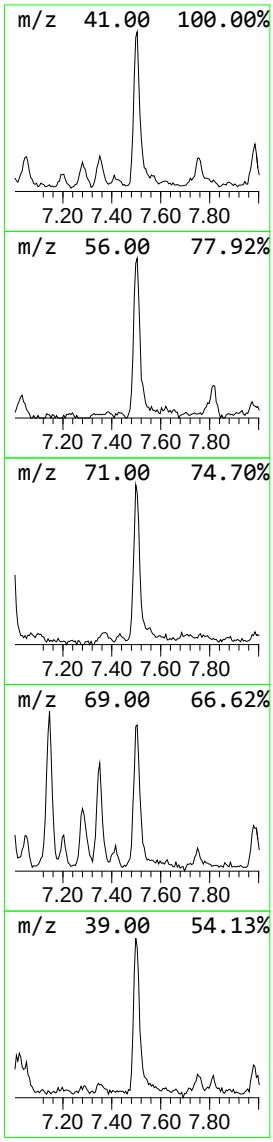
****

Peak Number 4 unknown-02 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.503	12.59 ng/ul	178591	1,4-Dichlorobenzene-d4	7.815

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Dimethyl cyclopropene	68	C5H8	014309-32-1	45
2	2-Methyl-2-vinyloxirane	84	C5H8O	001838-94-4	38
3	Ethane, isocyanato-	71	C3H5NO	000109-90-0	27
4	Ethane, isocyanato-	71	C3H5NO	000109-90-0	22
5	2-Butene, (E)-	56	C4H8	000624-64-6	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4734

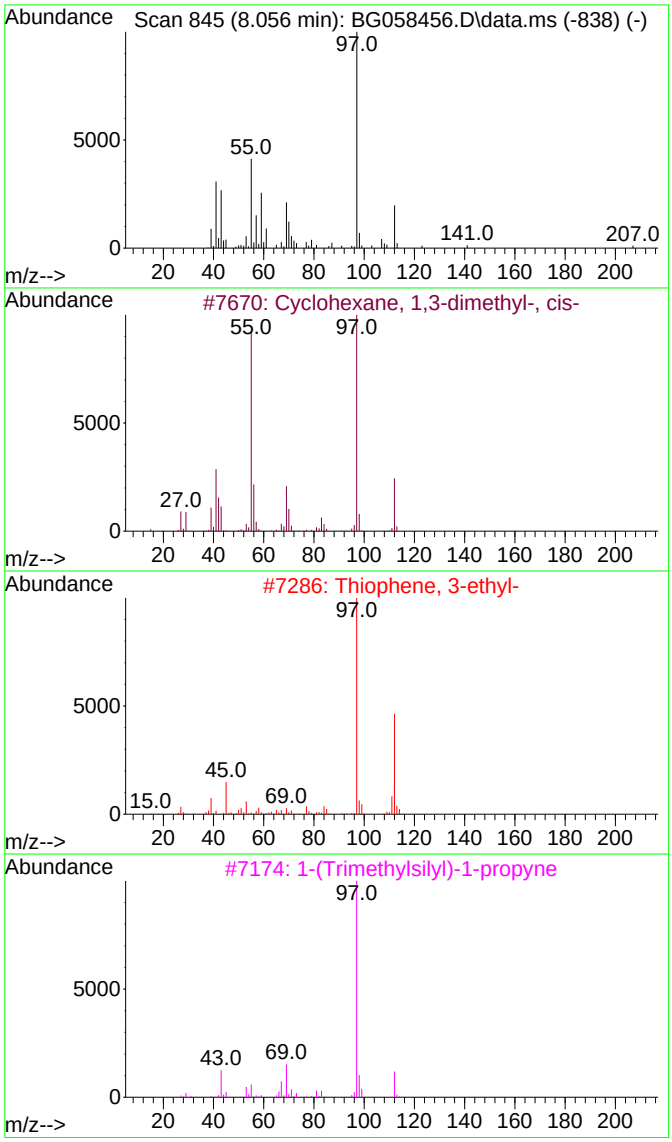
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

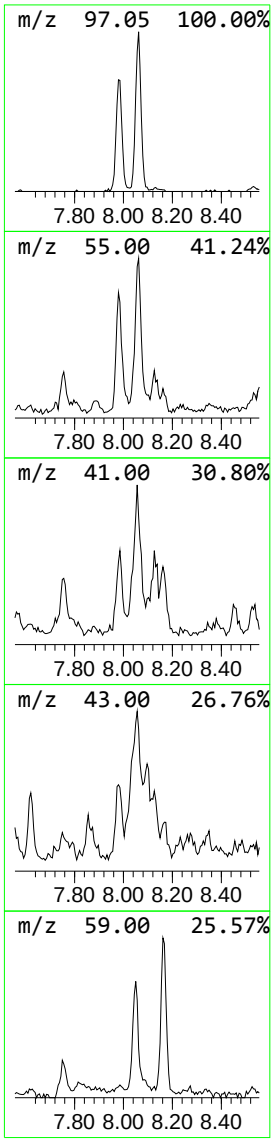
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic8.056 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.056	13.38 ng/ul	189917	1,4-Dichlorobenzene-d4	7.815

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	53
2	Thiophene, 3-ethyl-	112	C6H8S	001795-01-3	47
3	1-(Trimethylsilyl)-1-propyne	112	C6H12Si	006224-91-5	43
4	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	42
5	Propionic acid, 3-hydroxy-2-isop...	130	C6H10O3	1000153-27-1	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4734

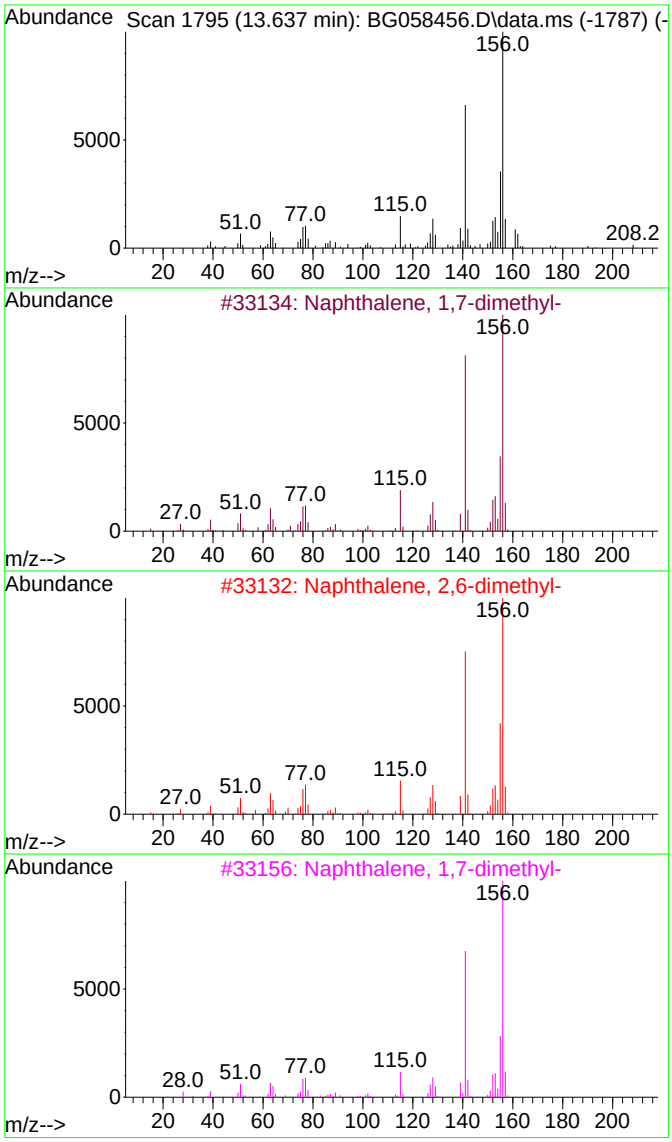
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

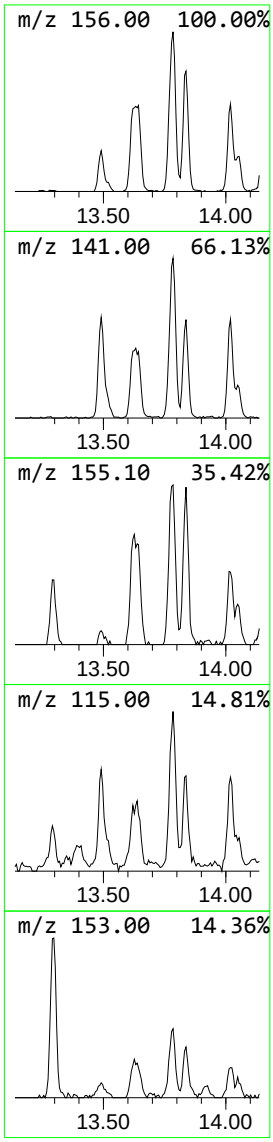
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 1,7-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.637	4.67 ng/ul	198703	Acenaphthene-d10	14.466

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4734

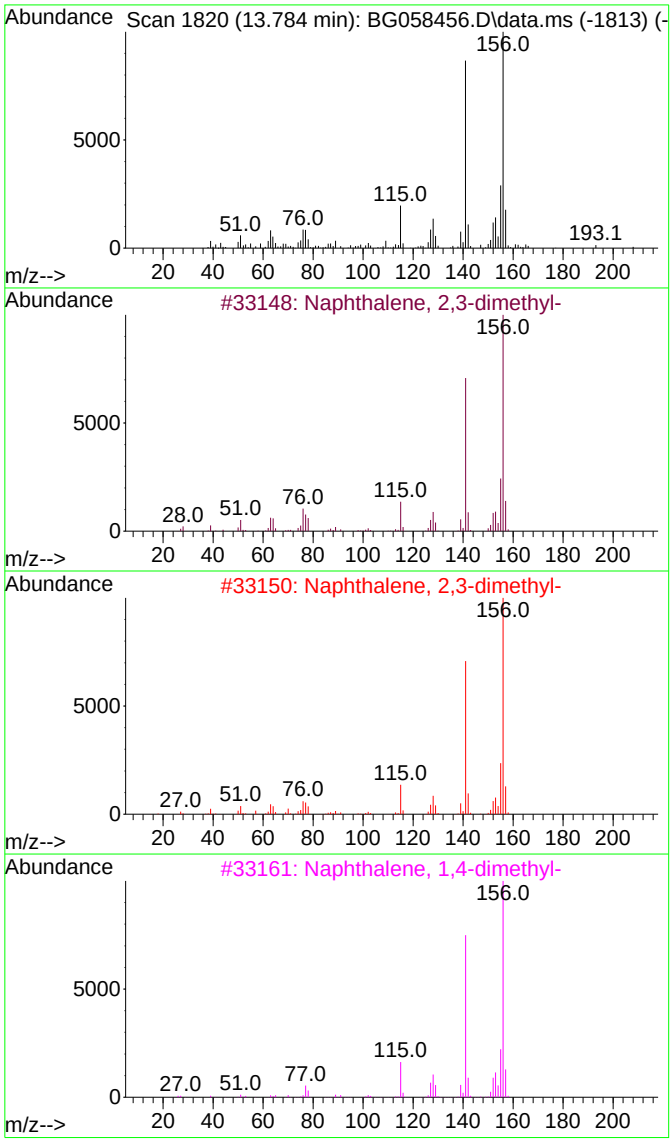
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

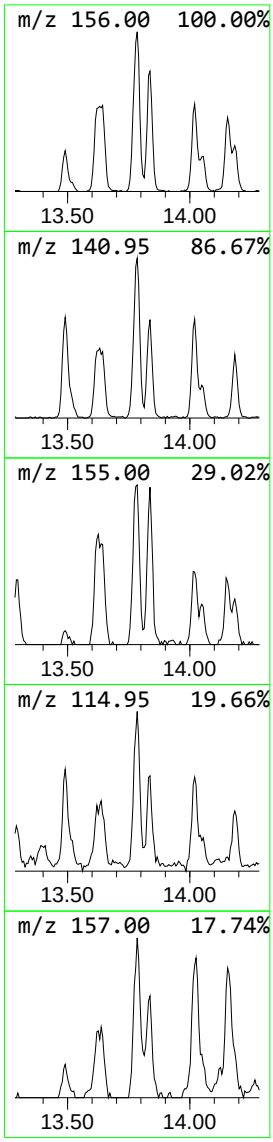
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.784	7.19 ng/ul	305571	Acenaphthene-d10	14.466

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4734

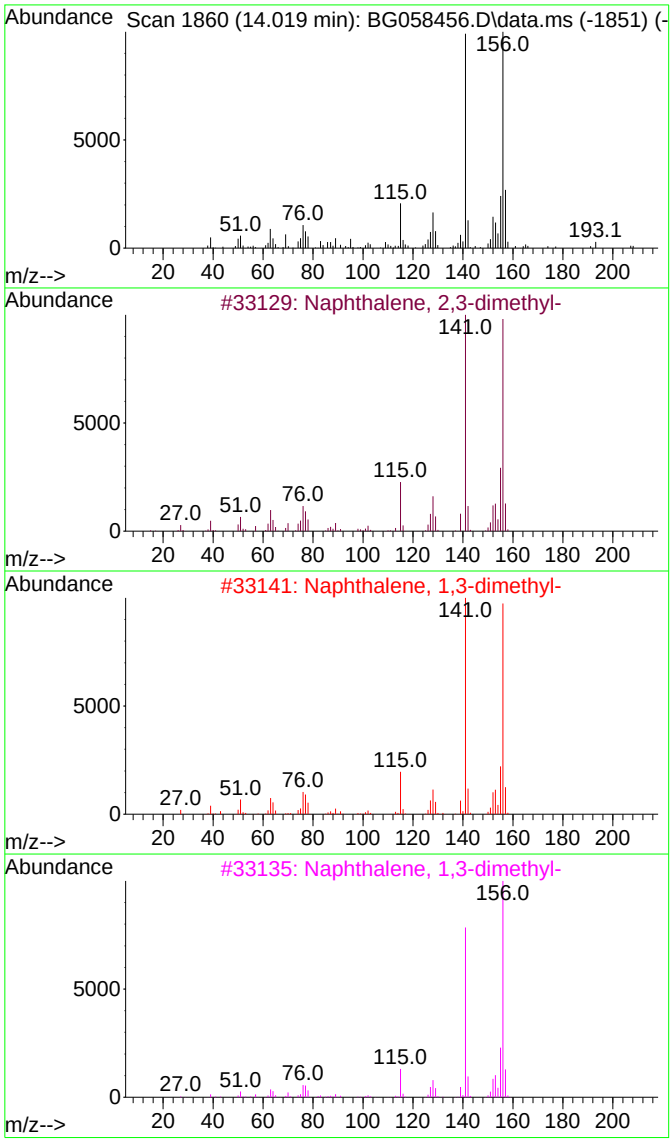
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

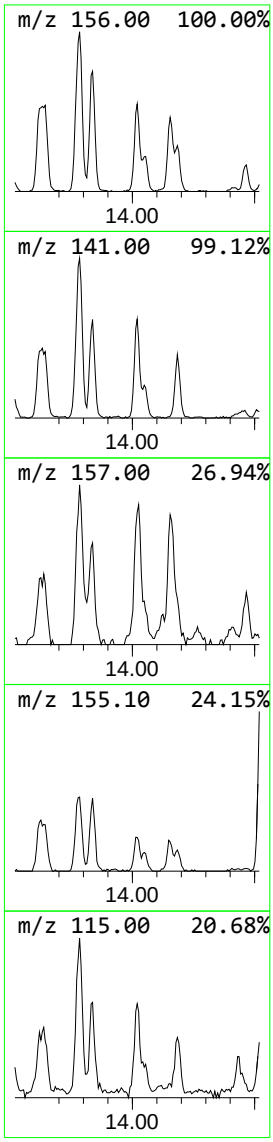
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,3-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.019	4.32 ng/ul	183476	Acenaphthene-d10	14.466

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4734

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

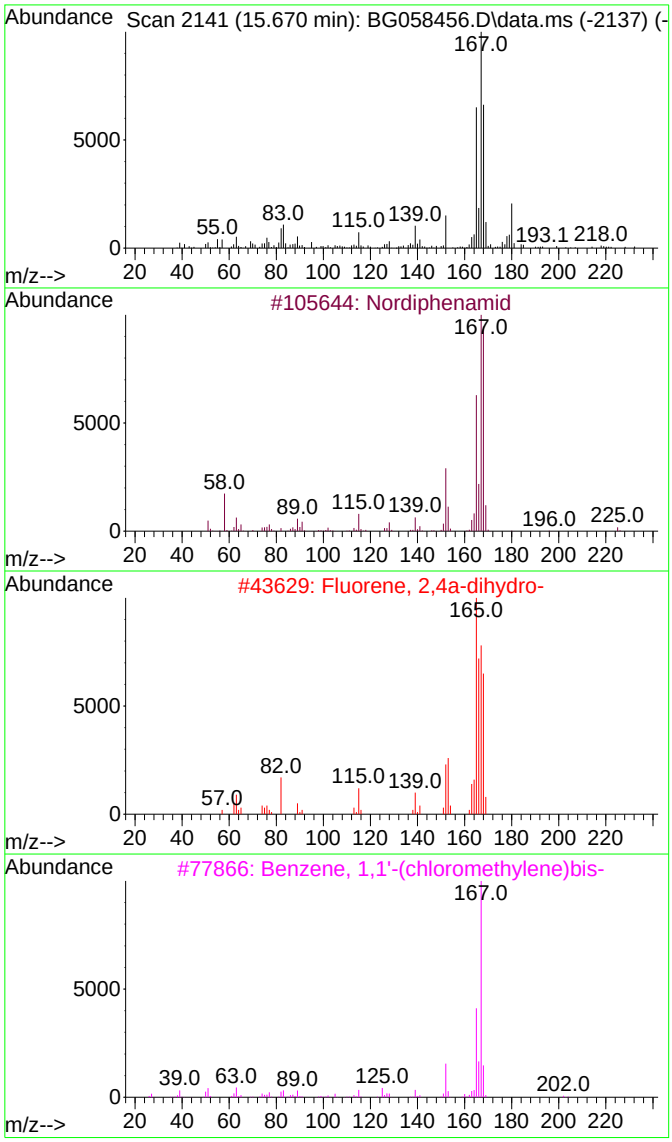
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

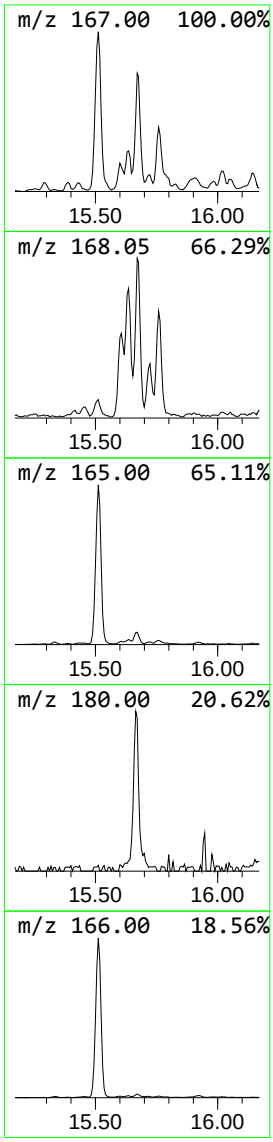
****

Peak Number 9 Nordiphenamid Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.670	6.10 ng/ul	259195	Acenaphthene-d10	14.466

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	64
2	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	53
3	Benzene, 1,1'-(chloromethylene)bis-	202	C13H11Cl	000090-99-3	50
4	1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	50
5	Benzeneacetic acid, .alpha.-phenyl-	212	C14H12O2	000117-34-0	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4734

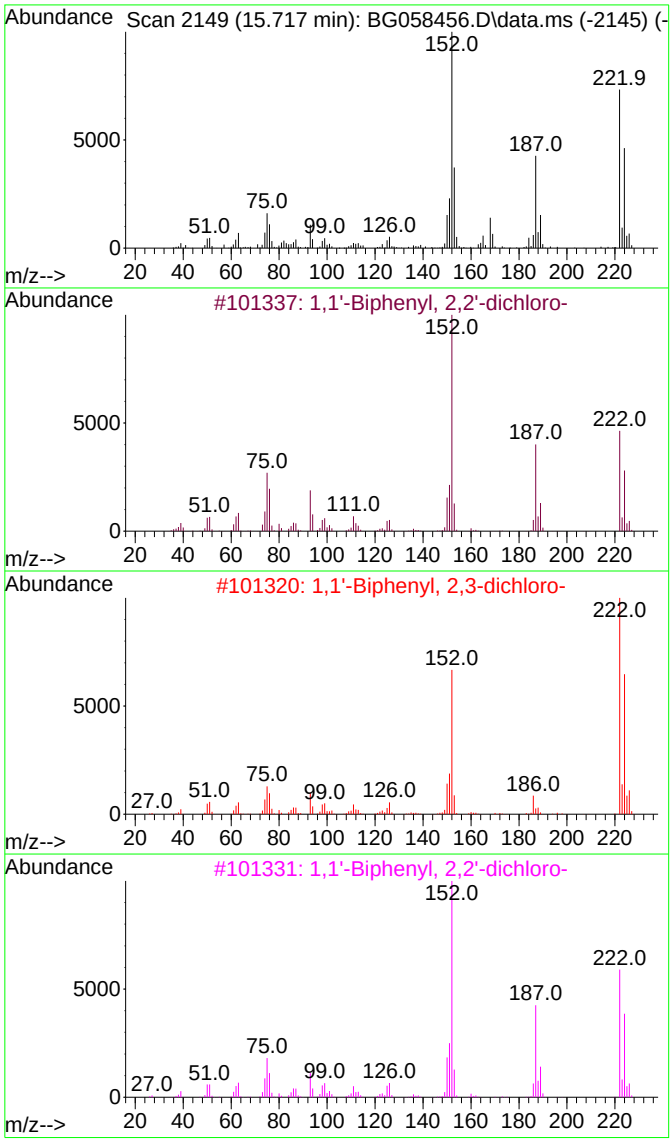
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

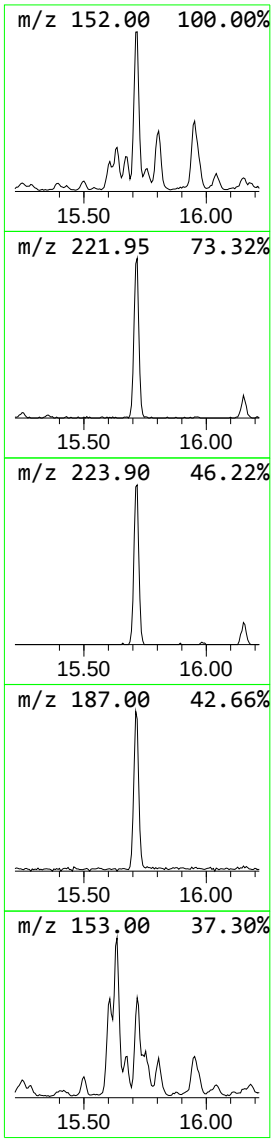
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.717	9.33 ng/ul	396769	Acenaphthene-d10	14.466

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	97
2	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	95
3	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	94
4	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	93
5	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4734

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

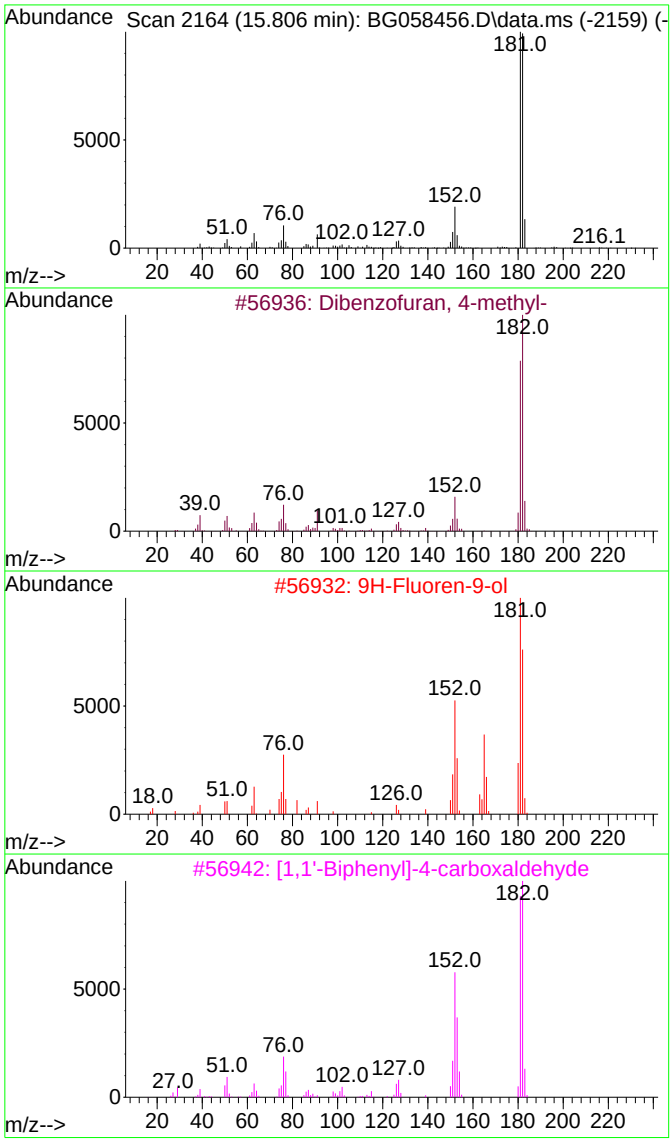
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

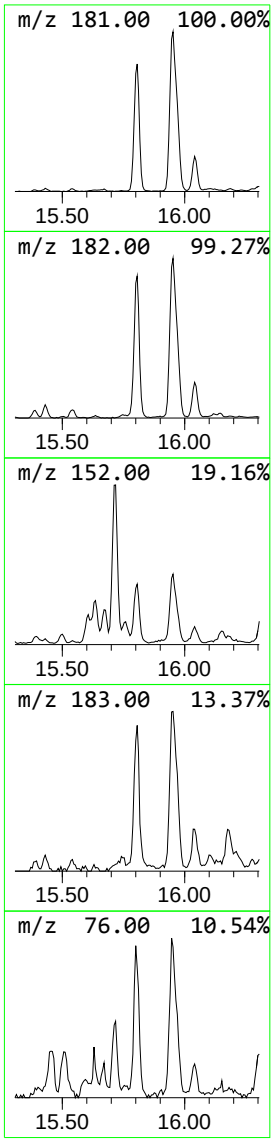
****

Peak Number 11 Dibenzofuran, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.806	10.18 ng/ul	432754	Acenaphthene-d10	14.466

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4734

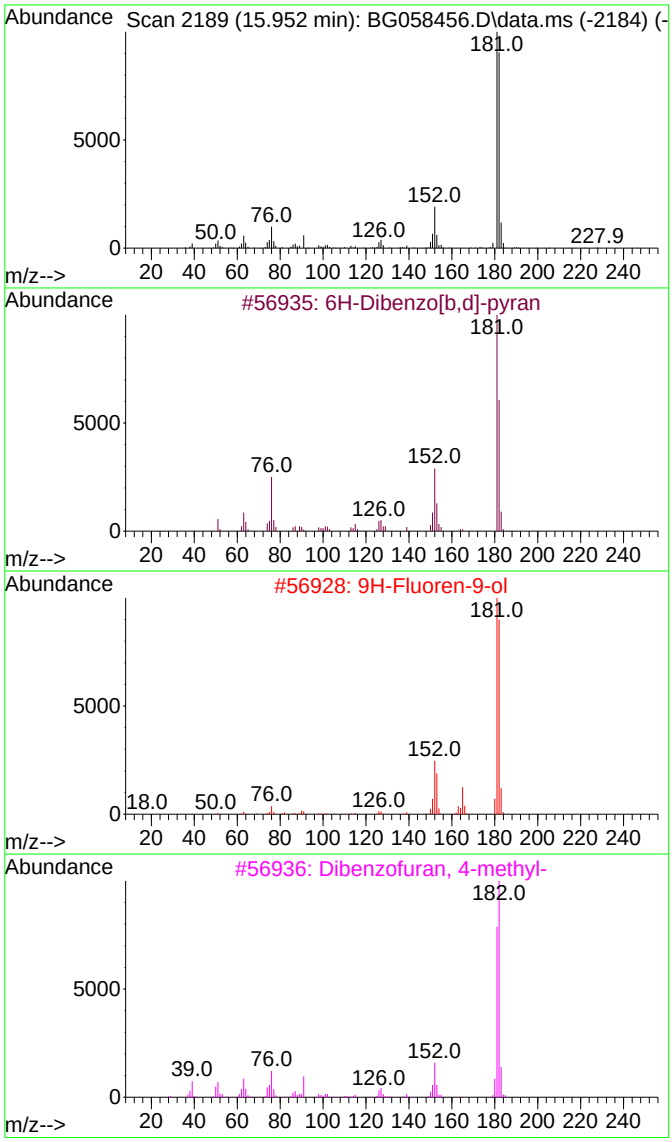
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

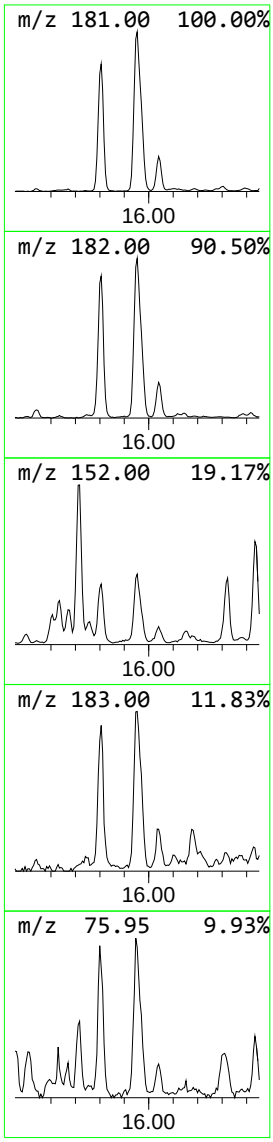
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 6H-Dibenzo[b,d]-pyran Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.952	9.65 ng/ul	563348	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	64
4	9H-Xanthene	182	C13H10O	000092-83-1	60
5	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4734

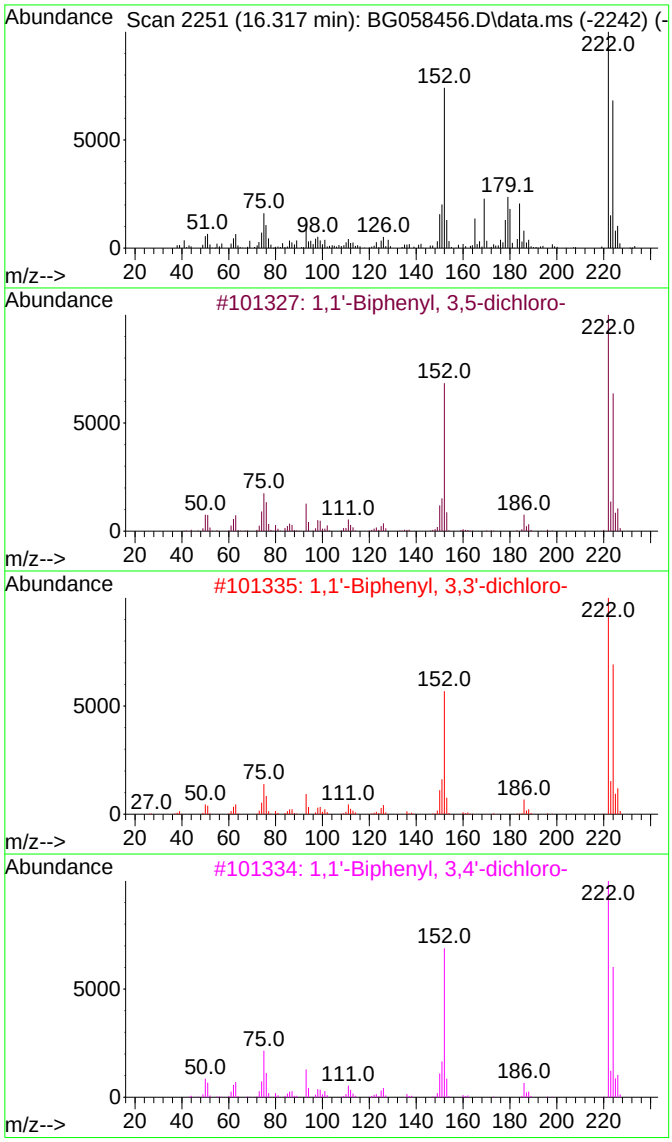
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

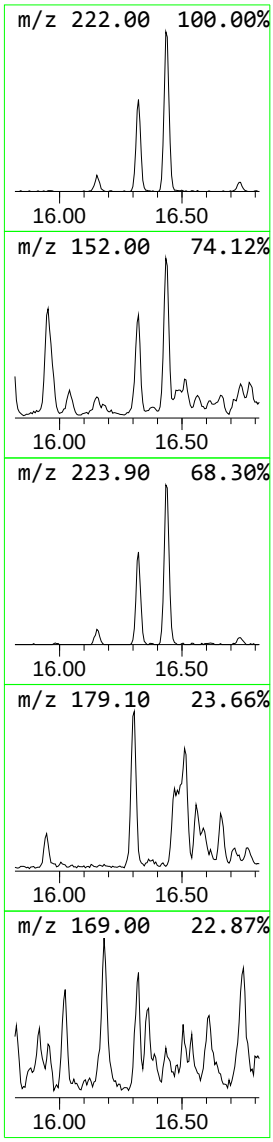
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1,1'-Biphenyl, 3,5-dichloro- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.317	6.19 ng/ul	361458	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,5-dichloro-	222	C12H8Cl2	034883-41-5	99
2	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	98
3	1,1'-Biphenyl, 3,4'-dichloro-	222	C12H8Cl2	002974-90-5	98
4	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	98
5	1,1'-Biphenyl, 3,4-dichloro-	222	C12H8Cl2	002974-92-7	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4734

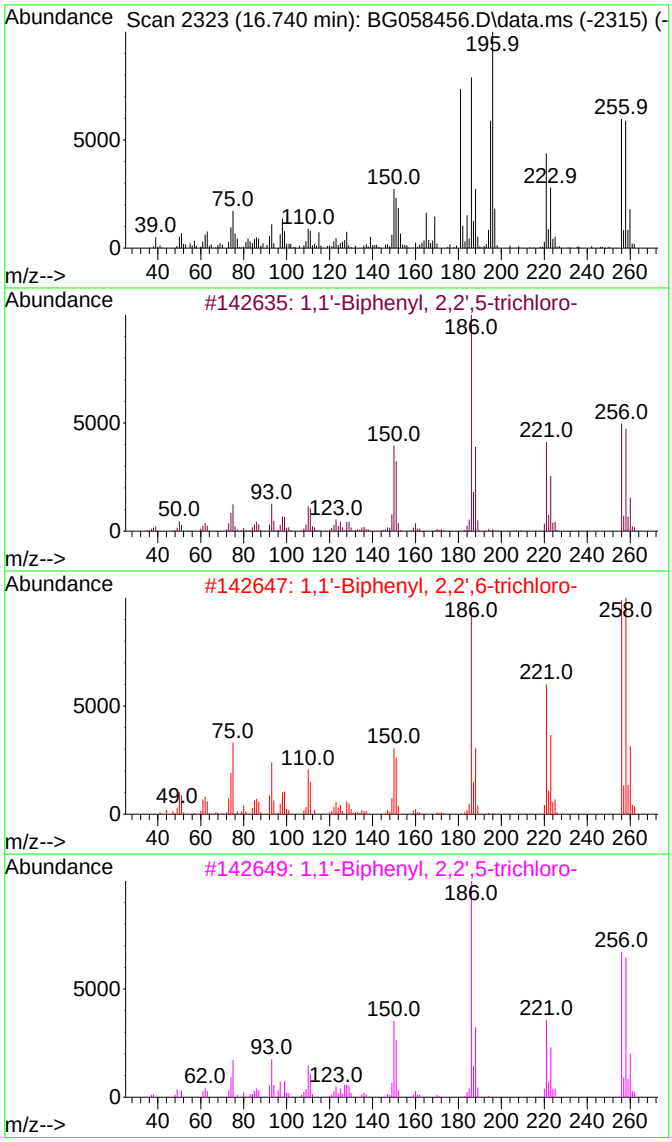
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

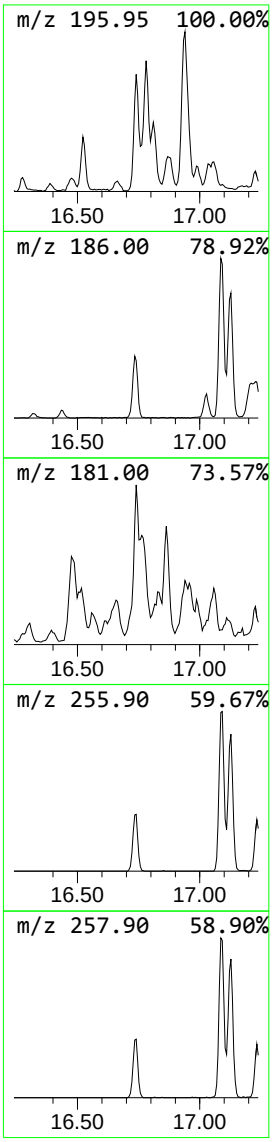
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.740	9.39 ng/ul	548270	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	97
2	1,1'-Biphenyl, 2,2',6-trichloro-	256	C12H7Cl3	038444-73-4	96
3	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	95
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	95
5	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4734

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

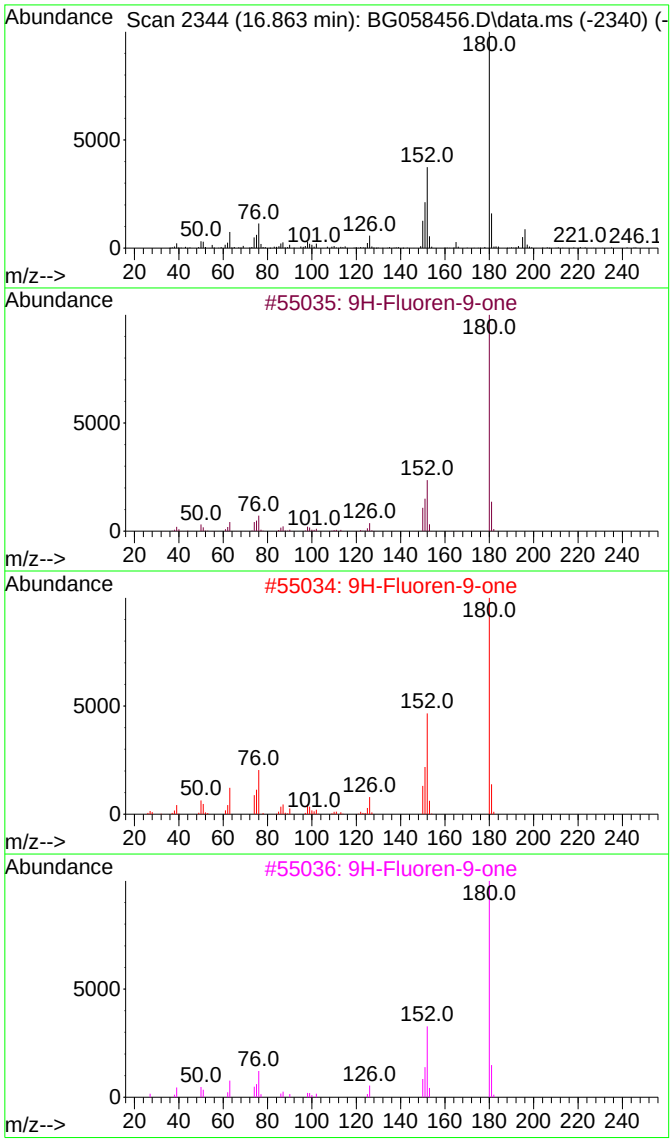
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

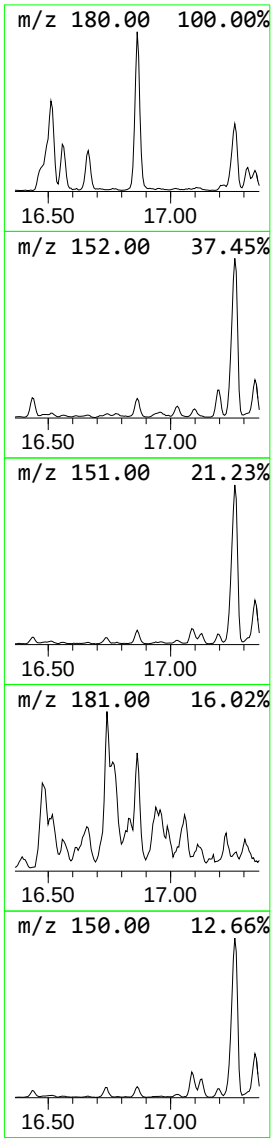
****

Peak Number 17 9H-Fluoren-9-one Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.863	5.50 ng/ul	320795	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4734

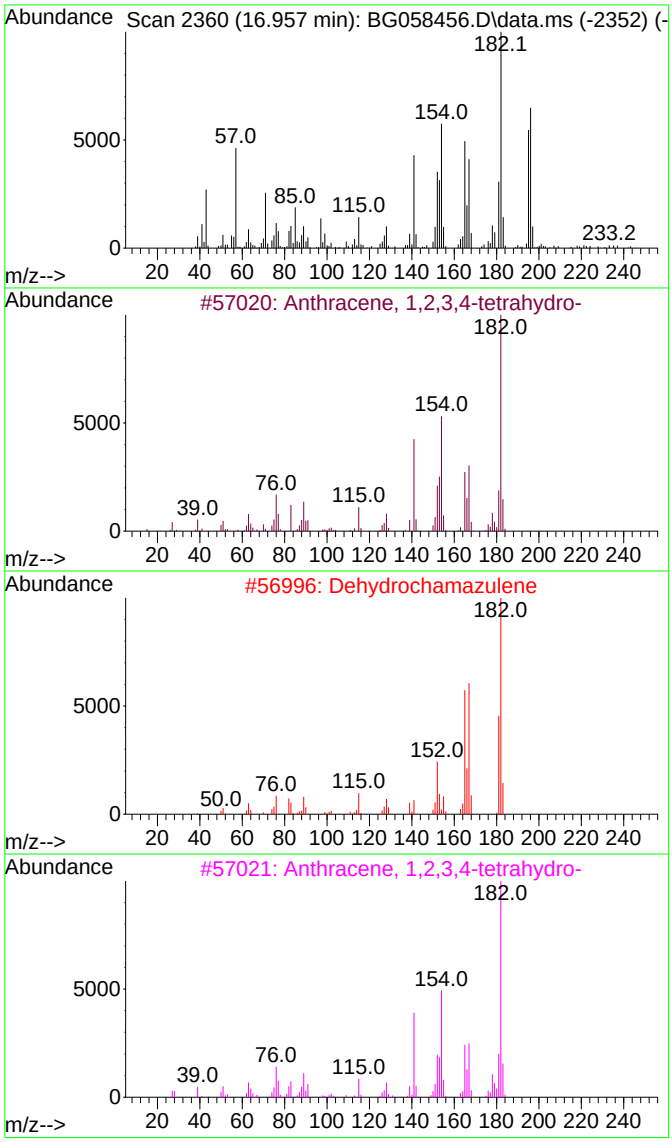
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

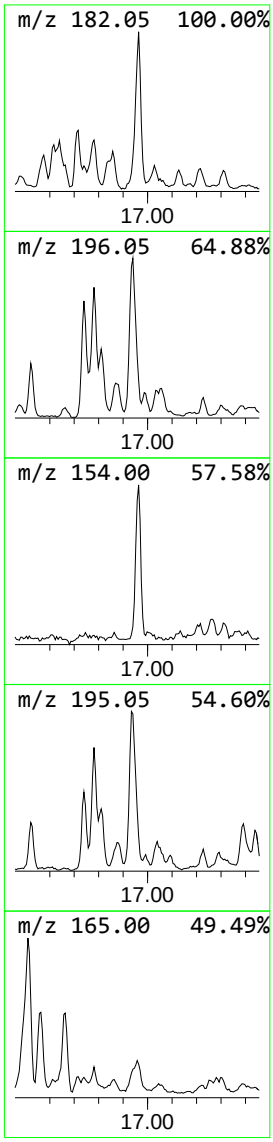
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.957	7.94 ng/ul	463701	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	94
2	Dehydrochamazulene	182	C14H14	321732-25-6	91
3	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	60
4	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	55
5	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4734

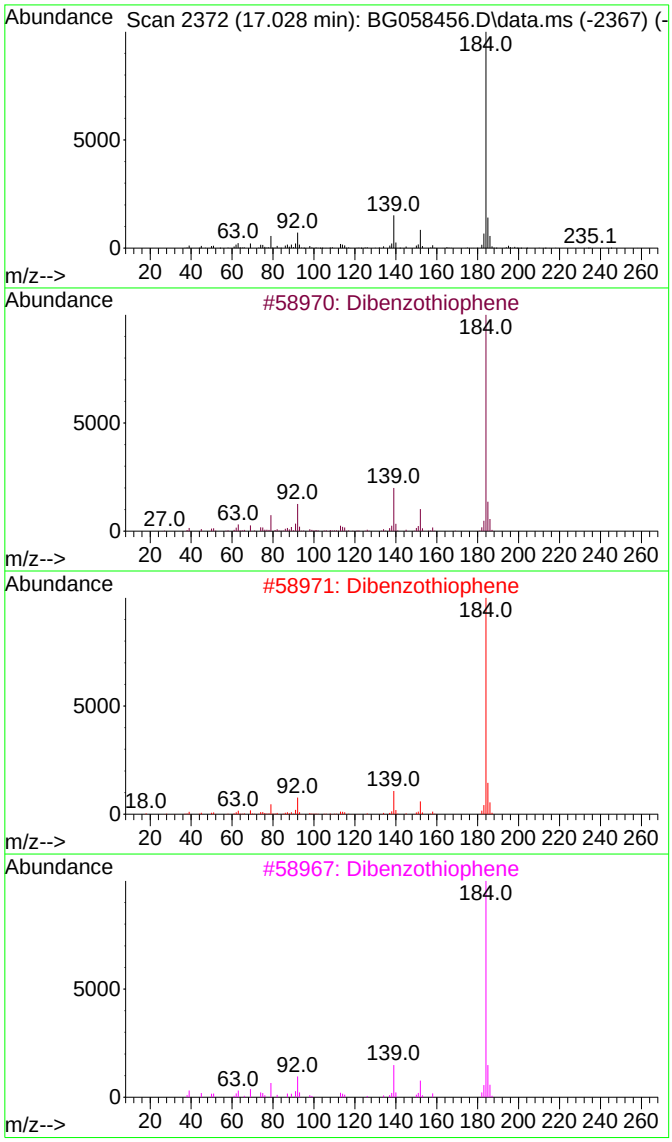
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

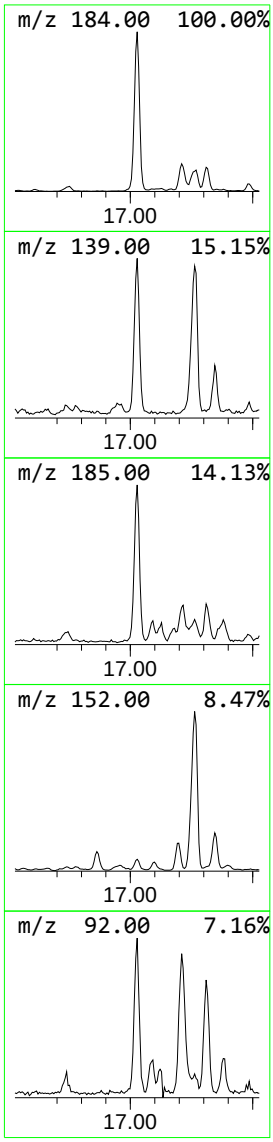
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.028	10.05 ng/ul	586891	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	96
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4734

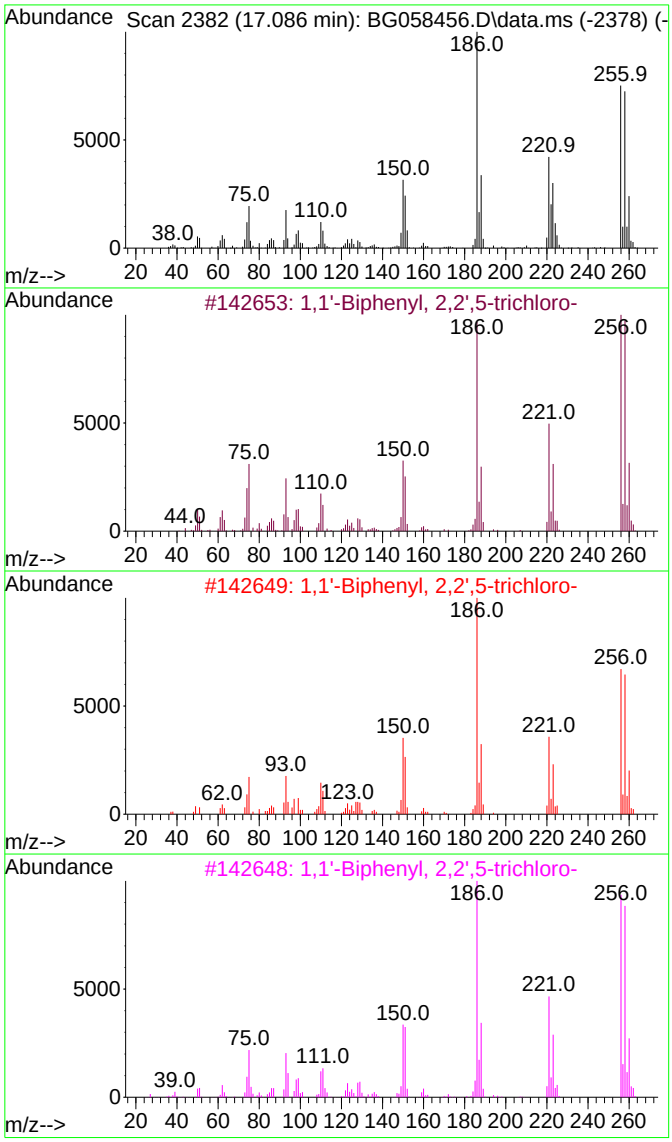
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

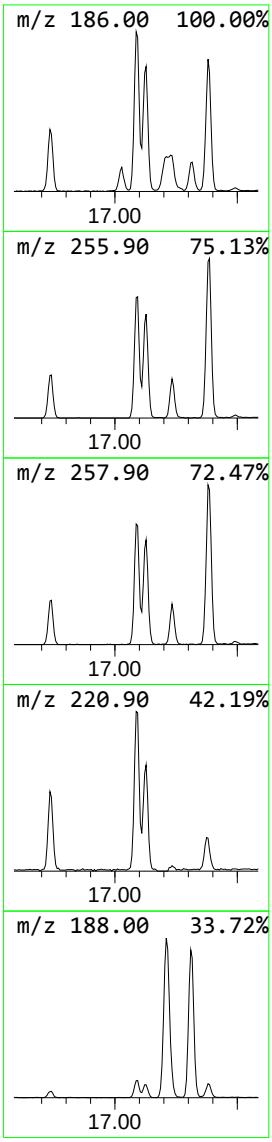
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.086	12.12 ng/ul	707689	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
2	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
3	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
5	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4734

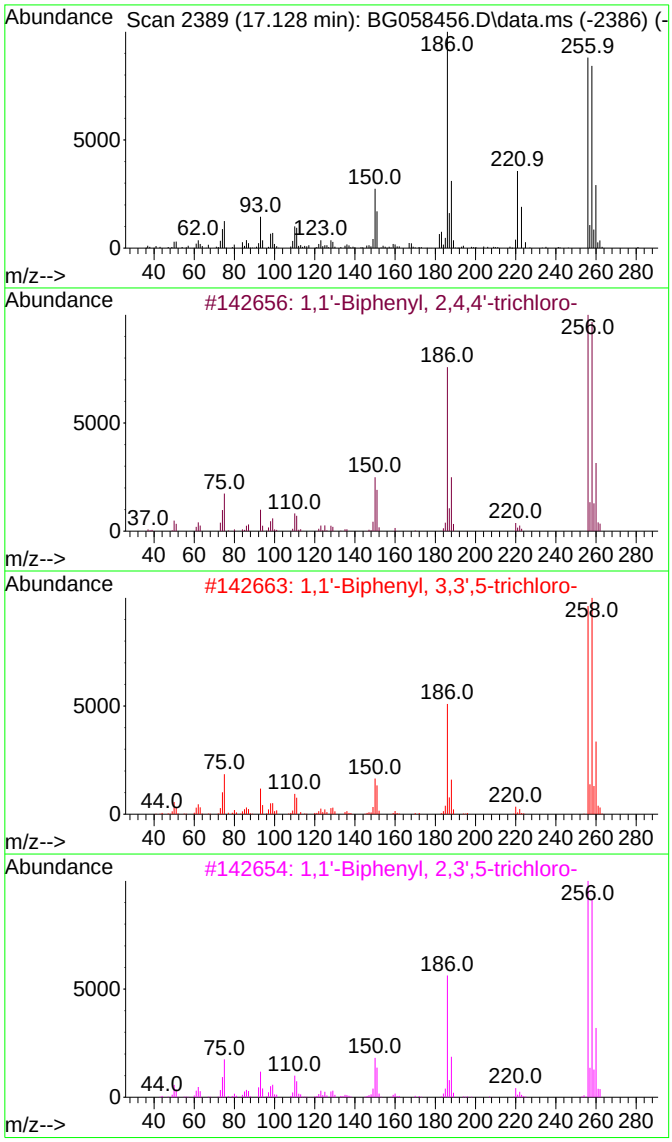
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

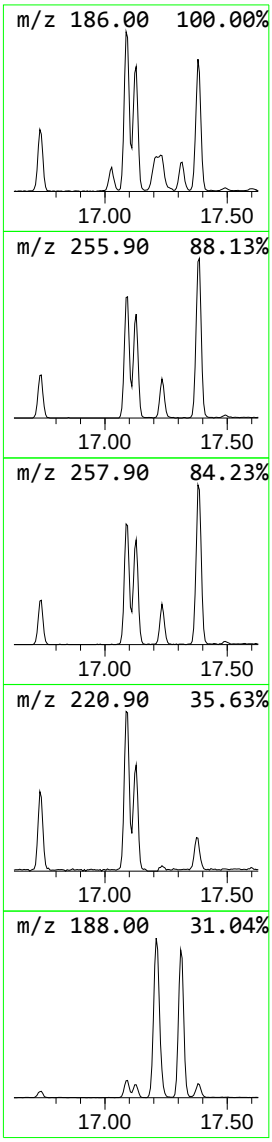
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 1,1'-Biphenyl, 3,3',5-trich... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.128	7.57 ng/ul	441980	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	98
3	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	97
4	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	96
5	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4734

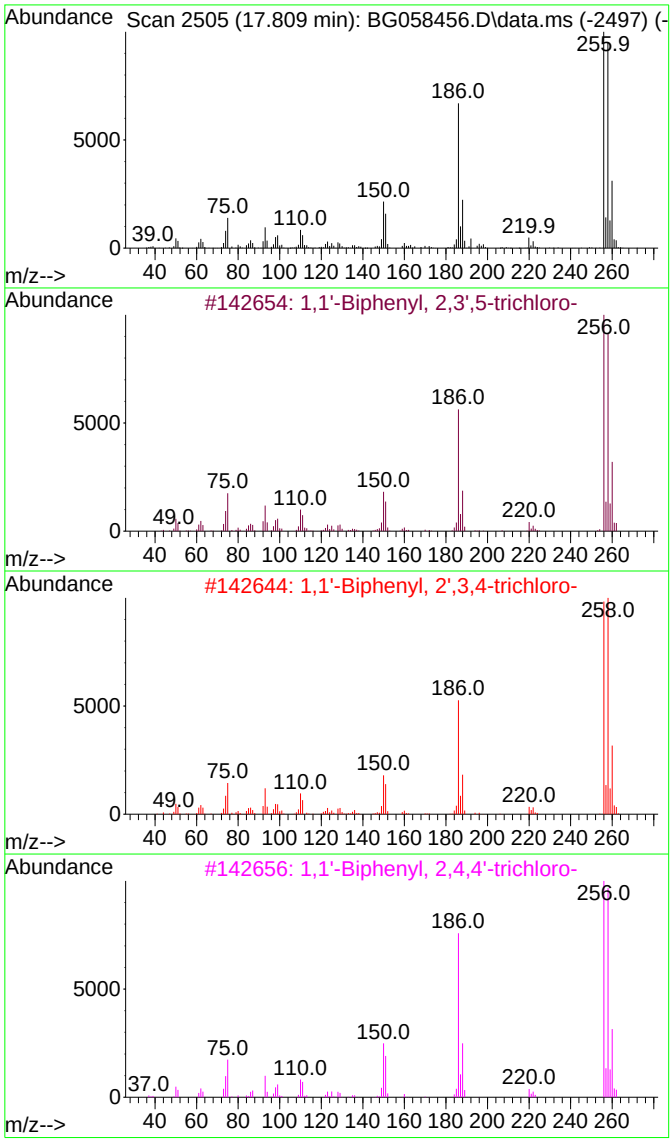
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

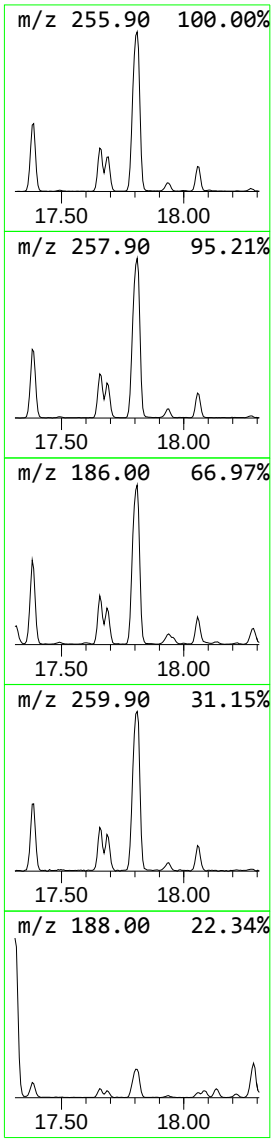
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 1,1'-Biphenyl, 2,3',5-trich... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.809	30.87 ng/ul	1801960	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
2	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
4	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
5	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4734

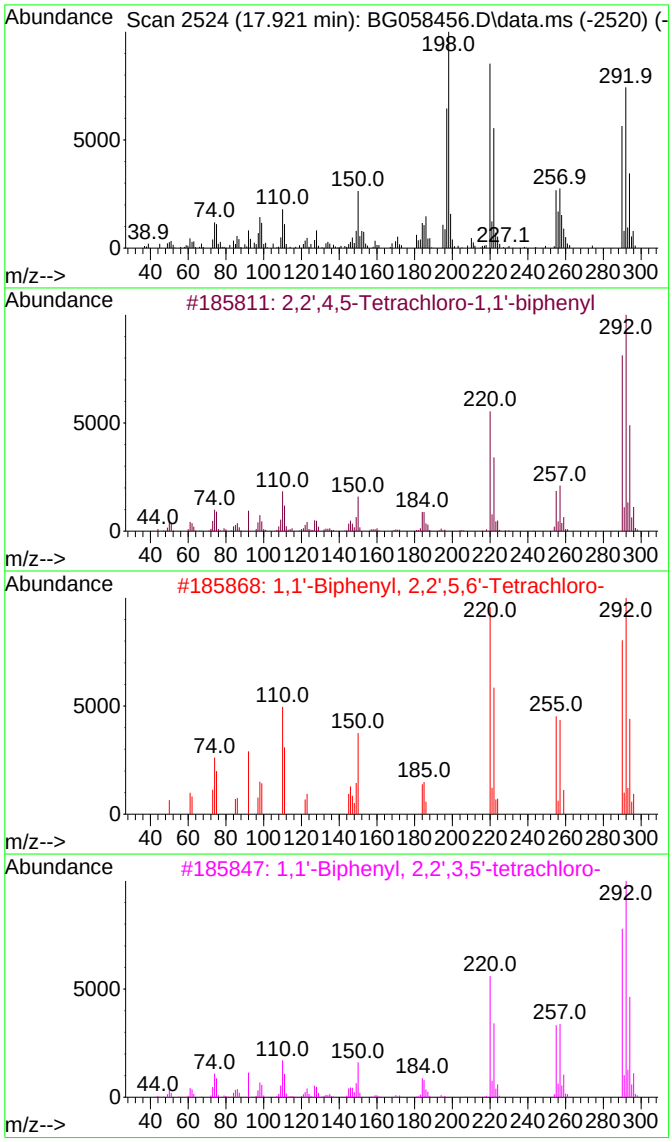
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

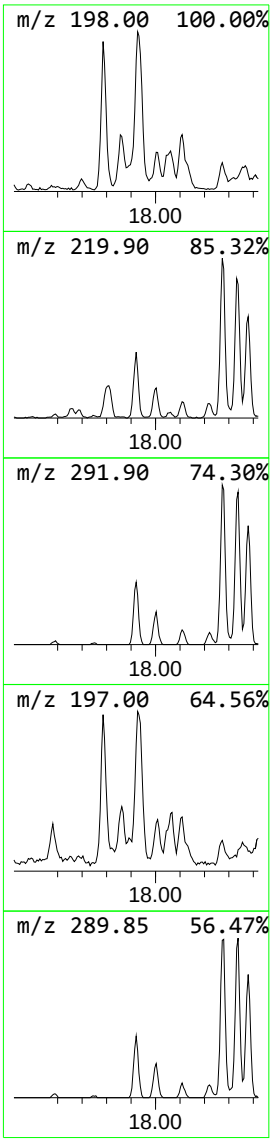
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 2,2',4,5-Tetrachloro-1,1'-b... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.921	5.24 ng/ul	305742	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99
2	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	98
3	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	97
4	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	97
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4734

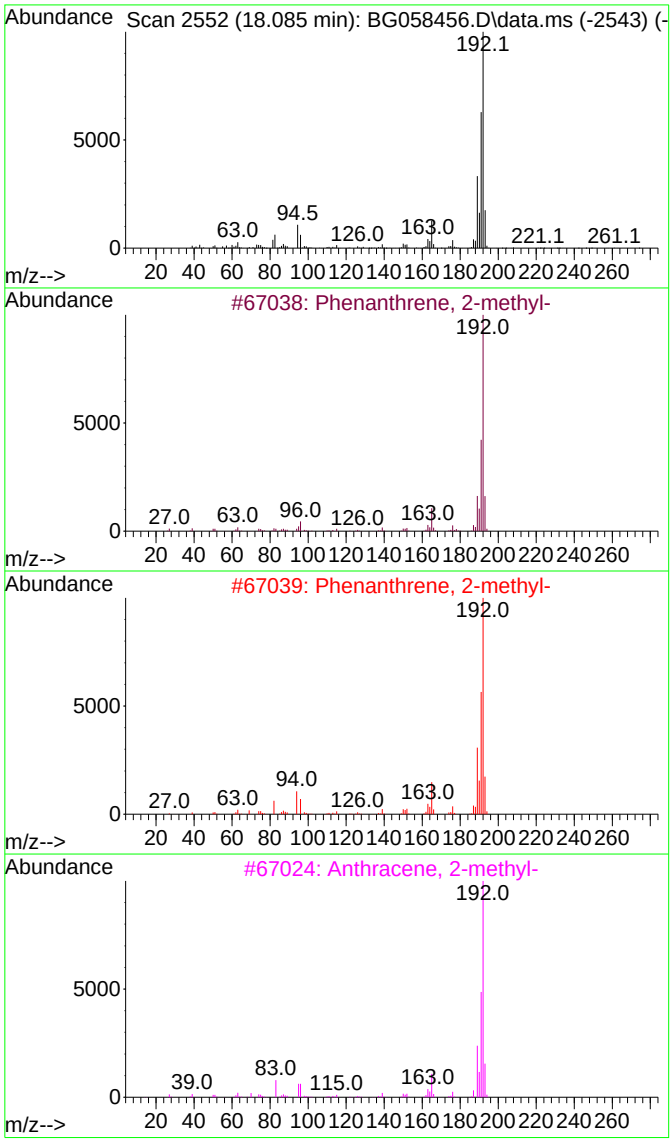
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

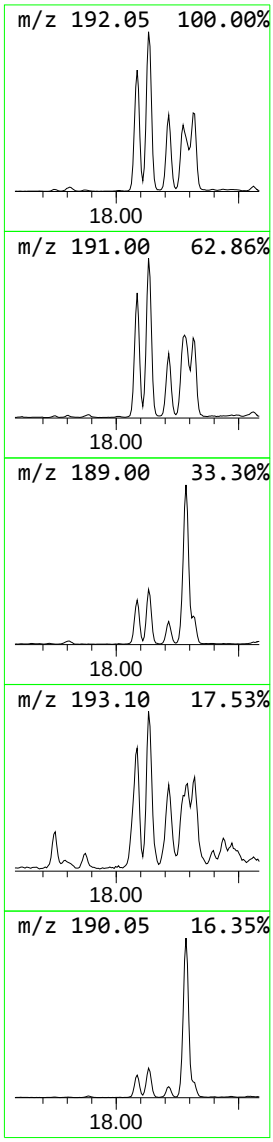
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.085	24.44 ng/ul	1426380	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4734

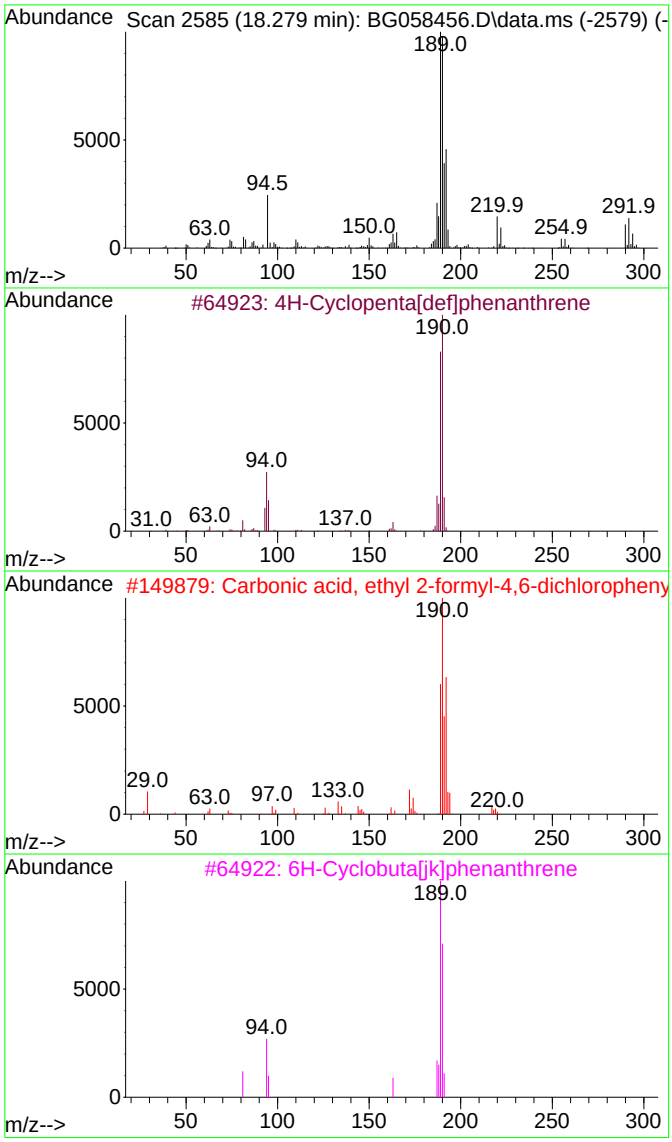
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

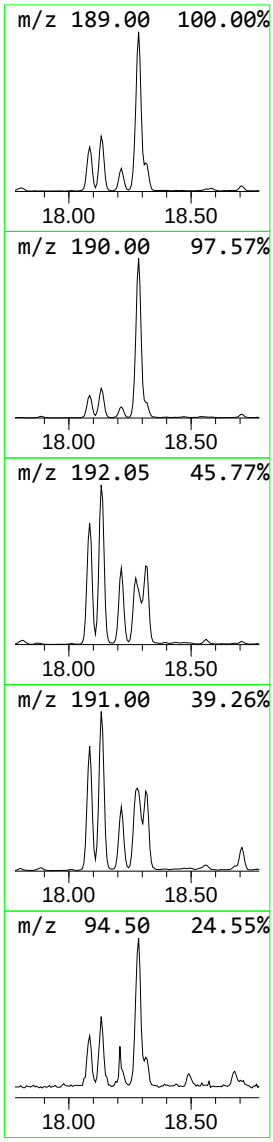
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.279	39.09 ng/ul	2281610	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
5	Methyl diselenide	190	C2H6Se2	007101-31-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4734

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

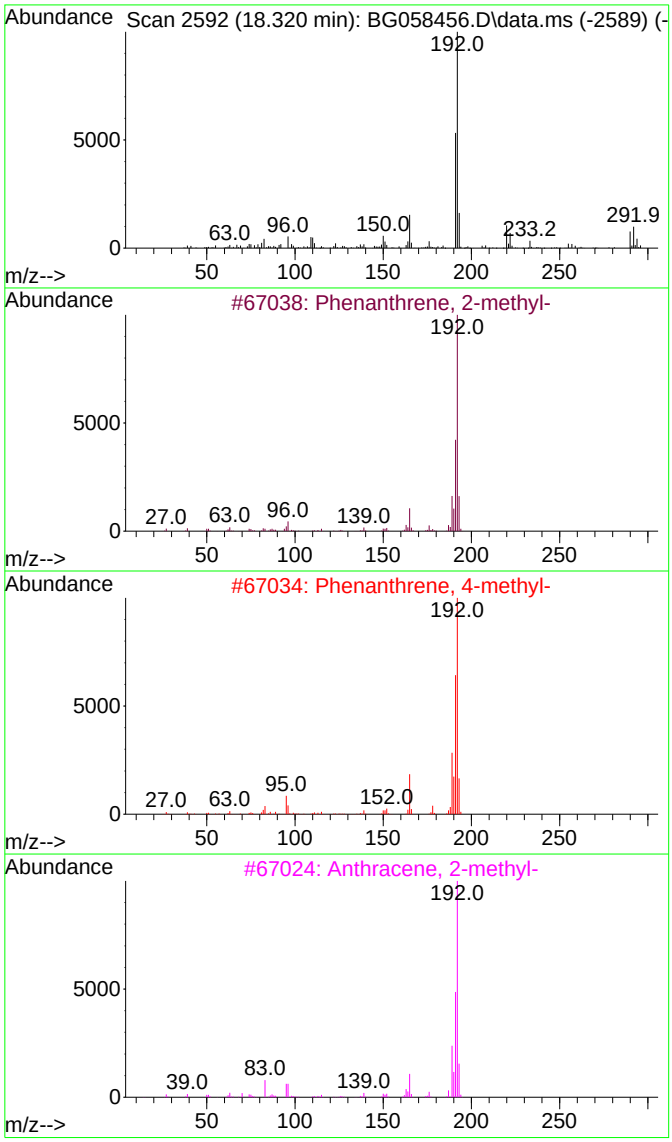
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

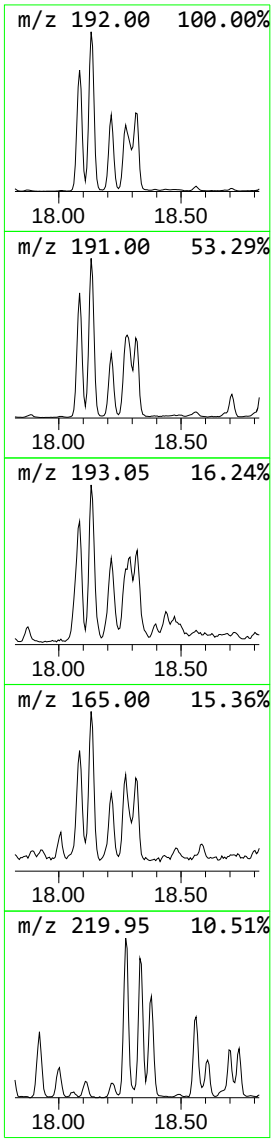
****

Peak Number 28 Phenanthrene, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.320	15.84 ng/ul	924291	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	68
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	68
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	68
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4734

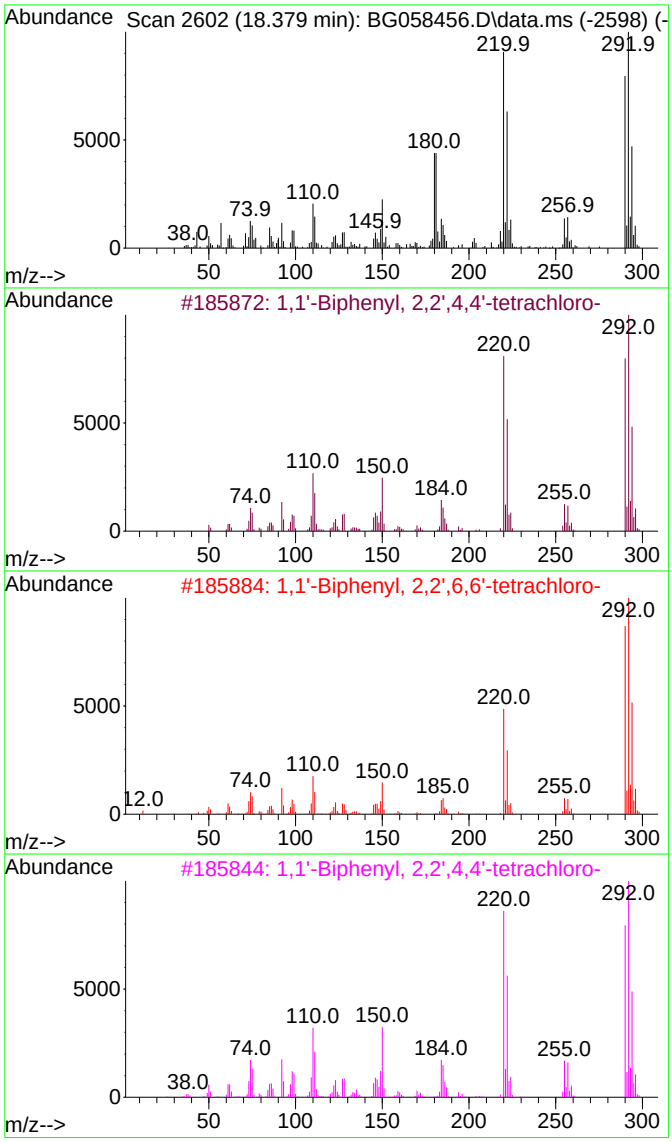
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

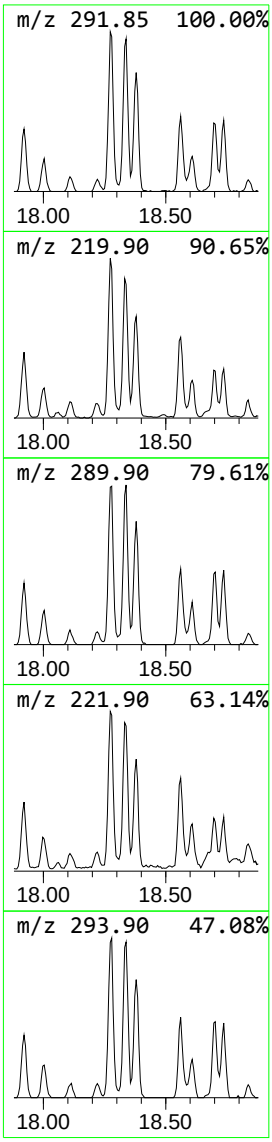
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.379	5.74 ng/ul	335117	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4734

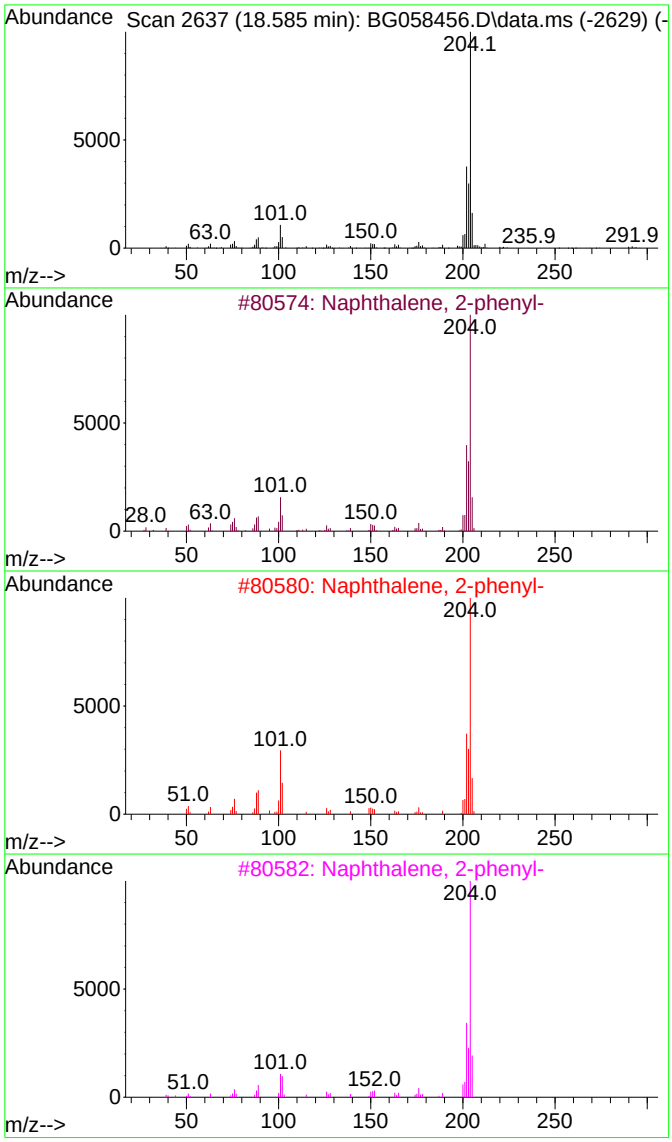
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

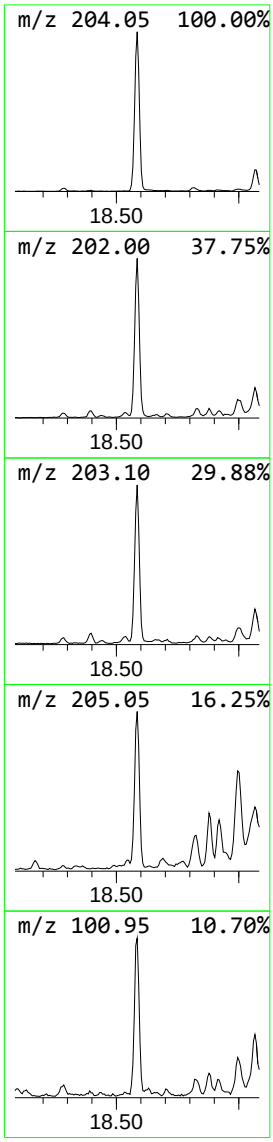
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.585	18.17 ng/ul	1060610	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4734

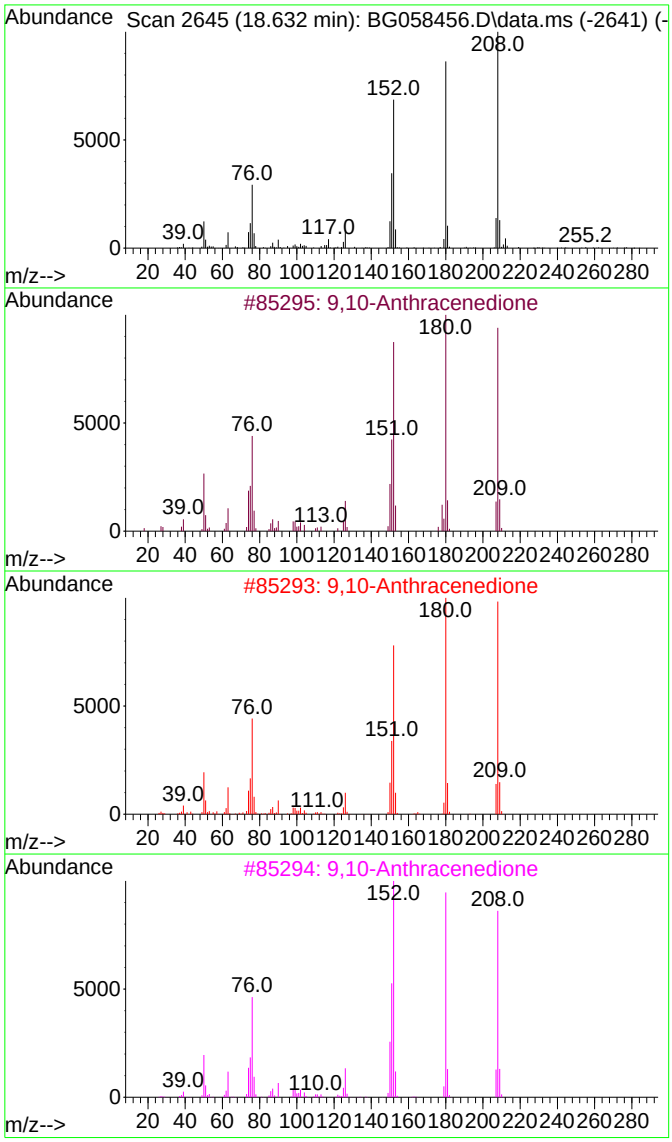
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

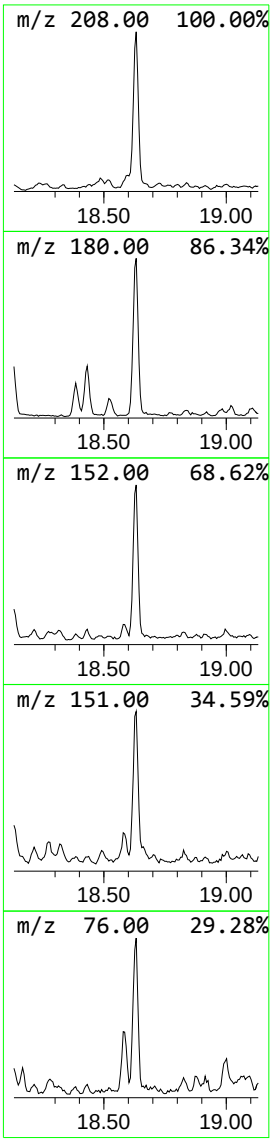
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 9,10-Anthracenedione Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.632	6.38 ng/ul	372376	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4734

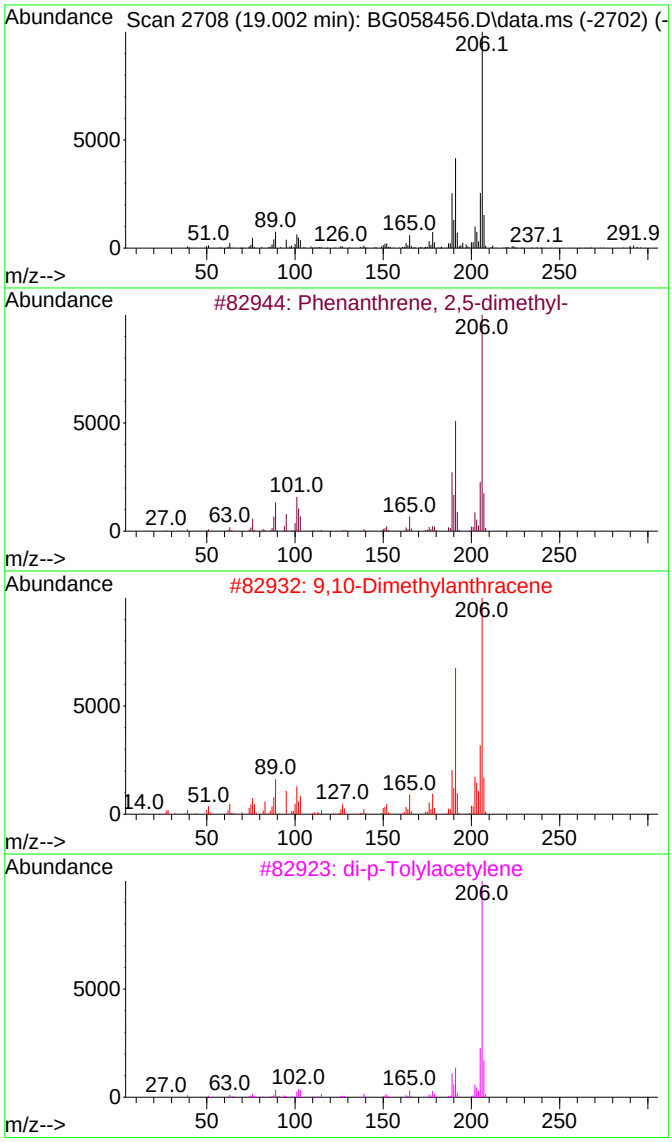
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

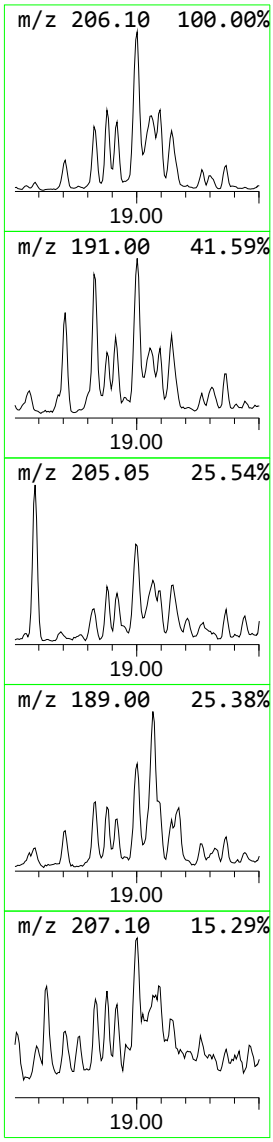
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.002	11.04 ng/ul	644210	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4734

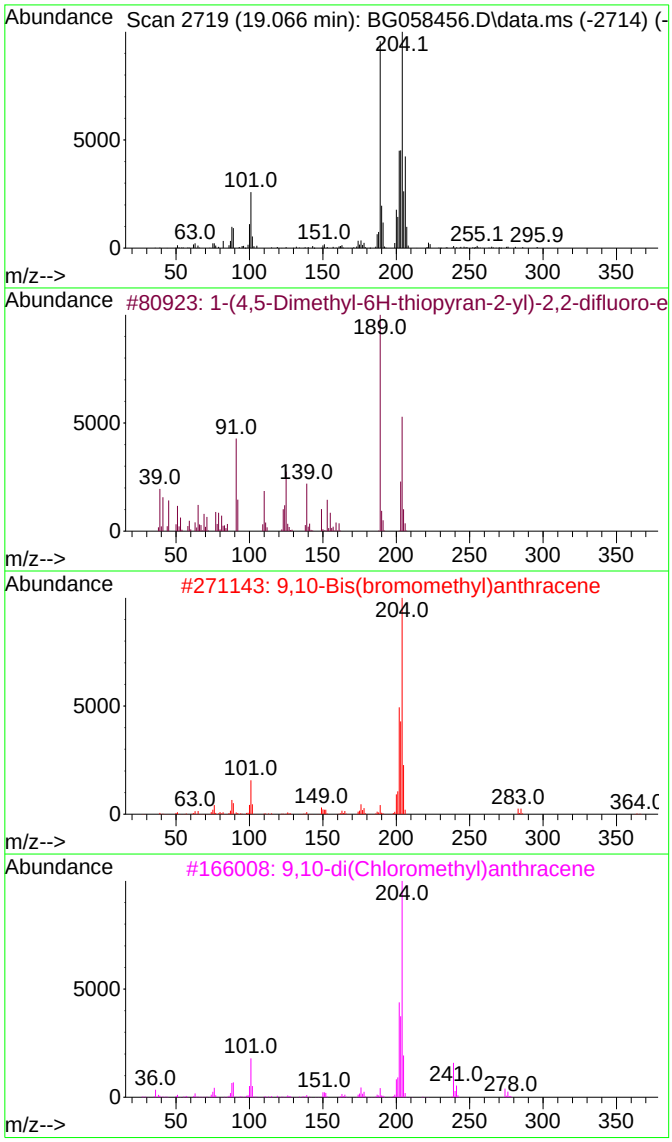
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

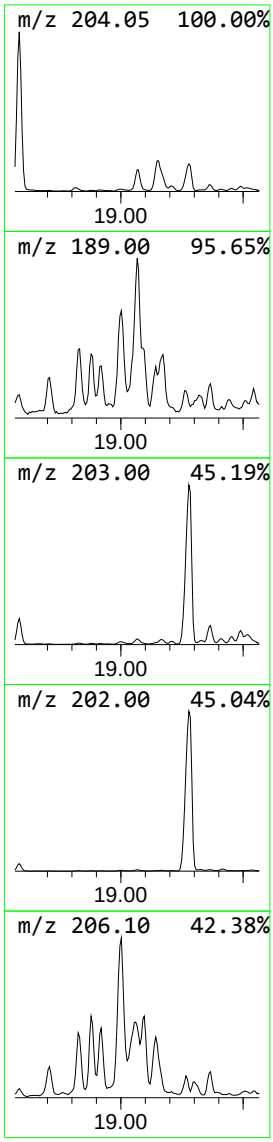
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 1-(4,5-Dimethyl-6H-thiopyra... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.066	7.86 ng/ul	459046	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4,5-Dimethyl-6H-thiopyran-2-y...	204	C9H10F2OS	1000318-25-0	52
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	47
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	47
4	1H-Indol-6-ylamine, TMS derivative	204	C11H16N2Si	1000484-86-1	43
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4734

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

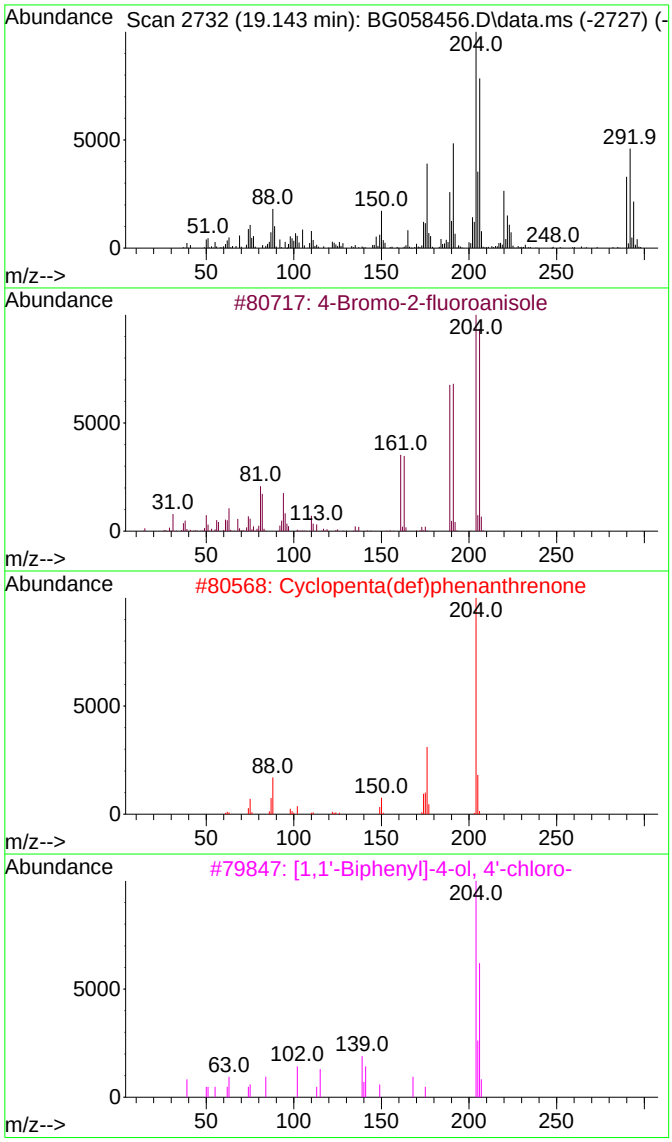
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

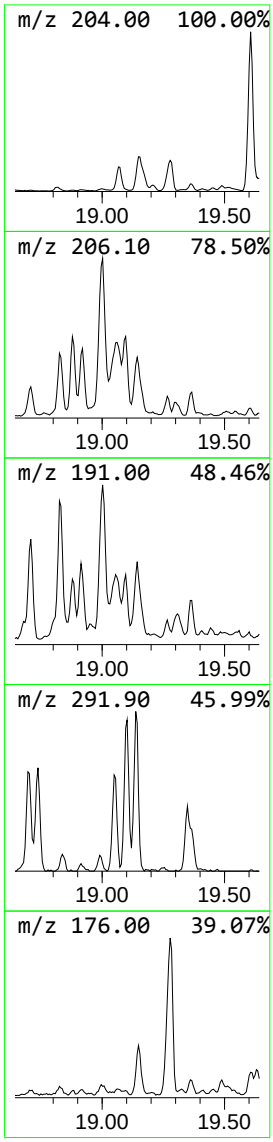
****

Peak Number 36 unknown-03 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.143	10.00 ng/ul	583677	Phenanthrene-d10	17.210

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Bromo-2-fluoroanisole	204	C7H6BrFO	002357-52-0	43
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	38
3	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	38
4	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	30
5	Isocil	246	C8H11BrN2O2	000314-42-1	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4734

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION

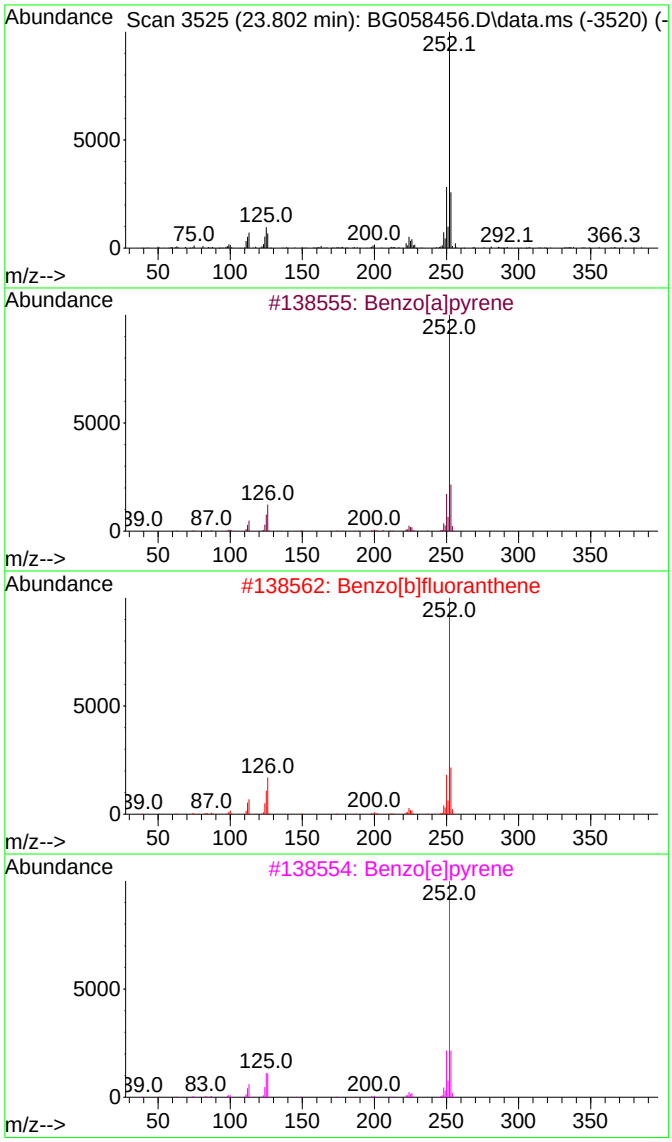
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

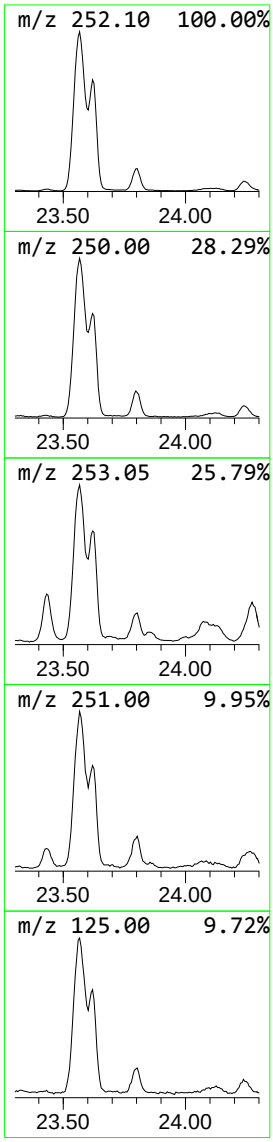
****

Peak Number 46 Benzo[e]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.802	8.30 ng/ul	338346	Perylene-d12	24.525

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	91
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
3	Benzo[e]pyrene	252	C20H12	000192-97-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Perylene	252	C20H12	000198-55-0	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072523\
Data File : BG058456.D
Acq On : 25 Jul 2023 21:44
Operator : CG/JU
Sample : 03540-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4734

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.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
Prenol	3.978	35.2	ng/ul	499478	1	7.815	283813	20.0
1-Propanol, 2-(...	4.548	76.8	ng/ul	1090250	1	7.815	283813	20.0
unknown-01	4.589	36.3	ng/ul	514688	1	7.815	283813	20.0
unknown-02	7.503	12.6	ng/ul	178591	1	7.815	283813	20.0
(DEL) Alkane: C...	8.056	13.4	ng/ul	189917	1	7.815	283813	20.0
Naphthalene, 1,...	13.637	4.7	ng/ul	198703	3	14.466	850346	20.0
Naphthalene, 2,...	13.784	7.2	ng/ul	305571	3	14.466	850346	20.0
Naphthalene, 1,...	14.019	4.3	ng/ul	183476	3	14.466	850346	20.0
Nordiphenamid	15.670	6.1	ng/ul	259195	3	14.466	850346	20.0
1,1'-Biphenyl, ...	15.717	9.3	ng/ul	396769	3	14.466	850346	20.0
Dibenzofuran, 4...	15.806	10.2	ng/ul	432754	3	14.466	850346	20.0
6H-Dibenzo[b,d]...	15.952	9.7	ng/ul	563348	4	17.210	1167390	20.0
1,1'-Biphenyl, ...	16.317	6.2	ng/ul	361458	4	17.210	1167390	20.0
1,1'-Biphenyl, ...	16.740	9.4	ng/ul	548270	4	17.210	1167390	20.0
9H-Fluoren-9-one	16.863	5.5	ng/ul	320795	4	17.210	1167390	20.0
Anthracene, 1,2...	16.957	7.9	ng/ul	463701	4	17.210	1167390	20.0
Dibenzothiophene	17.028	10.1	ng/ul	586891	4	17.210	1167390	20.0
1,1'-Biphenyl, ...	17.086	12.1	ng/ul	707689	4	17.210	1167390	20.0
1,1'-Biphenyl, ...	17.128	7.6	ng/ul	441980	4	17.210	1167390	20.0
1,1'-Biphenyl, ...	17.809	30.9	ng/ul	1801960	4	17.210	1167390	20.0
2,2',4,5-Tetrac...	17.921	5.2	ng/ul	305742	4	17.210	1167390	20.0
Phenanthrene, 2...	18.085	24.4	ng/ul	1426380	4	17.210	1167390	20.0
4H-Cyclopenta[d...	18.279	39.1	ng/ul	2281610	4	17.210	1167390	20.0
Phenanthrene, 4...	18.320	15.8	ng/ul	924291	4	17.210	1167390	20.0
1,1'-Biphenyl, ...	18.379	5.7	ng/ul	335117	4	17.210	1167390	20.0
Naphthalene, 2-...	18.585	18.2	ng/ul	1060610	4	17.210	1167390	20.0
9,10-Anthracene...	18.632	6.4	ng/ul	372376	4	17.210	1167390	20.0
Phenanthrene, 2...	19.002	11.0	ng/ul	644210	4	17.210	1167390	20.0
1-(4,5-Dimethyl...	19.066	7.9	ng/ul	459046	4	17.210	1167390	20.0
unknown-03	19.143	10.0	ng/ul	583677	4	17.210	1167390	20.0
Benzo[e]pyrene	23.802	8.3	ng/ul	338346	6	24.525	815301	20.0