LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057981.D
Acq On : 4 Jul 2023 9:50
Operator : CG/JU
Sample : 03247-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DCGM0

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-BG070123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG057981.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.117	3	5	21	rVB	1491116	1769238	85.70%	5.622%
2	3.899	133	138	145	rVV	21640	30572	1.48%	0.097%
3	4.022	154	159	167	rVB2	13120	21304	1.03%	0.068%
4	4.345	210	214	219	rVB	20876	29271	1.42%	0.093%
5	7.107	674	684	695	rBV	164630	292419	14.16%	0.929%
6	7.265	705	711	721	rBV	134876	217050	10.51%	0.690%
7	7.471	740	746	754	rVB	166075	280123	13.57%	0.890%
8	7.941	816	826	841	rVB	187058	315417	15.28%	1.002%
9	8.646	939	946	960	rVV	180376	310103	15.02%	0.985%
10	8.763	960	966	972	rVV2	17050	30569	1.48%	0.097%
11	9.098	1016	1023	1030	rBV	159358	285383	13.82%	0.907%
12	9.821	1137	1146	1158	rBV	127746	232806	11.28%	0.740%
13	10.156	1197	1203	1211	rBV3	23506	40522	1.96%	0.129%
14	10.362	1231	1238	1247	rBV	199474	358765	17.38%	1.140%
15	10.744	1291	1303	1308	rBV	279816	509127	24.66%	1.618%
16	10.796	1308	1312	1317	rVV	42753	72286	3.50%	0.230%
17	10.879	1319	1326	1338	rVV2	87381	177123	8.58%	0.563%
18	11.760	1469	1476	1480	rBV3	12830	20567	1.00%	0.065%
19	12.400	1580	1585	1591	rVB	29005	44942	2.18%	0.143%
20	12.618	1615	1622	1629	rVB	25630	43242	2.09%	0.137%
21	13.393	1747	1754	1760	rBV2	19847	40241	1.95%	0.128%
22	13.752	1806	1815	1822	rBV5	13940	33352	1.62%	0.106%
23	13.893	1833	1839	1844	rVV	32424	58078	2.81%	0.185%
24	13.975	1844	1853	1860	rVV	371225	561668	27.21%	1.785%
25	14.046	1860	1865	1869	rVV2	18476	27394	1.33%	0.087%
26	14.128	1875	1879	1882	rVV2	14908	22364	1.08%	0.071%
27	14.269	1896	1903	1919	rVV	420303	708441	34.31%	2.251%
28	14.463	1931	1936	1942	rVB	20907	29905	1.45%	0.095%
29	14.574	1942	1955	1961	rBV	428440	697817	33.80%	2.217%
30	14.633	1961	1965	1972	rVV3	24539	48166	2.33%	0.153%
31	14.774	1982	1989	1998	rBV	116156	211521	10.25%	0.672%
32	14.915	2009	2013	2018	rVV7	11804	21277	1.03%	0.068%
33	14.968	2018	2022	2029	rVV2	38790	66881	3.24%	0.213%
34	15.044	2029	2035	2038	rVV2	16506	25303	1.23%	0.080%
35	15.356	2083	2088	2091	rBV5	18218	30406	1.47%	0.097%
36	15.409	2093	2097	2101	rVB2	24944	33256	1.61%	0.106%

LSC Area Percent Report

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Sample : 03247-14
Misc :
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Instrument :
BNA_G
ClientSampleId :
DCGM0

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 >
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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Title : SVOA CALIBRATION

37	15.561	2112	2123	2129	rVV	542923	840278	40.70%	2.670%
38	15.614	2129	2132	2137	rVV2	43306	68720	3.33%	0.218%
39	15.679	2137	2143	2150	rVV	114236	174208	8.44%	0.554%
40	15.814	2163	2166	2172	rVV5	13749	24822	1.20%	0.079%
41	15.920	2177	2184	2189	rVB2	65549	115422	5.59%	0.367%
42	16.061	2199	2208	2215	rBV4	18509	44698	2.17%	0.142%
43	16.272	2239	2244	2245	rBV2	45383	56495	2.74%	0.180%
44	16.296	2245	2248	2253	rVB2	57542	82582	4.00%	0.262%
45	16.425	2264	2270	2272	rVV6	11546	20682	1.00%	0.066%
46	16.625	2299	2304	2308	rVB3	15566	27394	1.33%	0.087%
47	16.848	2335	2342	2345	rBV5	20532	34252	1.66%	0.109%
48	16.972	2358	2363	2369	rVB2	42923	69112	3.35%	0.220%
49	17.060	2372	2378	2383	rBV2	38811	63071	3.05%	0.200%
50	17.136	2383	2391	2398	rVB	50464	104659	5.07%	0.333%
51	17.201	2398	2402	2409	rBV5	26572	48161	2.33%	0.153%
52	17.265	2409	2413	2416	rBV4	20554	27954	1.35%	0.089%
53	17.318	2416	2422	2425	rBV	488780	743885	36.03%	2.364%
54	17.359	2425	2429	2434	rVB	522701	731212	35.42%	2.323%
55	17.412	2434	2438	2443	rBV	487333	731075	35.41%	2.323%
56	17.494	2450	2452	2459	rVB3	19191	28844	1.40%	0.092%
57	17.624	2472	2474	2480	rVB4	13117	20775	1.01%	0.066%
58	17.718	2483	2490	2498	rBV	41412	84292	4.08%	0.268%
59	17.800	2500	2504	2507	rVV	36145	46552	2.25%	0.148%
60	17.835	2507	2510	2515	rVB	30376	37880	1.83%	0.120%
61	17.900	2516	2521	2525	rBV	47308	72905	3.53%	0.232%
62	18.041	2540	2545	2549	rBV2	18435	35914	1.74%	0.114%
63	18.141	2559	2562	2566	rBV2	29201	35213	1.71%	0.112%
64	18.205	2566	2573	2576	rVV2	591420	913997	44.27%	2.904%
65	18.241	2576	2579	2587	rVB2	151423	239394	11.60%	0.761%
66	18.317	2589	2592	2597	rVB	28602	42381	2.05%	0.135%
67	18.382	2597	2603	2607	rBV2	139846	273284	13.24%	0.868%
68	18.423	2607	2610	2615	rVB	82667	119597	5.79%	0.380%
69	18.493	2618	2622	2627	rBV3	58220	87005	4.21%	0.276%
70	18.687	2650	2655	2659	rBV	98387	153555	7.44%	0.488%
71	18.728	2659	2662	2668	rVB2	65121	107346	5.20%	0.341%
72	19.110	2722	2727	2731	rBV2	88832	179972	8.72%	0.572%
73	19.198	2740	2742	2746	rBV3	20153	26134	1.27%	0.083%
74	19.245	2747	2750	2759	rVB	66407	115119	5.58%	0.366%
75	19.333	2761	2765	2766	rBV2	69025	84726	4.10%	0.269%
76	19.369	2766	2771	2777	rVB	1011572	1456245	70.54%	4.627%

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Sample : 03247-14
Misc :
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Instrument :
BNA_G
ClientSampleId :
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Title : SVOA CALIBRATION

77	19.474	2784	2789	2793	rBV2	187835	248397	12.03%	0.789%
78	19.610	2809	2812	2821	rVB	53420	80669	3.91%	0.256%
79	19.704	2822	2828	2830	rBV2	768311	1127453	54.61%	3.583%
80	19.733	2830	2833	2840	rVV	943481	1301505	63.04%	4.136%
81	19.798	2841	2844	2850	rVB2	55287	84017	4.07%	0.267%
82	20.056	2882	2888	2894	rBV4	87197	204585	9.91%	0.650%
83	20.221	2907	2916	2921	rVB2	174925	404032	19.57%	1.284%
84	20.321	2931	2933	2937	rVB	56296	53171	2.58%	0.169%
85	20.379	2940	2943	2947	rVB	99676	136630	6.62%	0.434%
86	20.520	2963	2967	2970	rBV2	88316	129929	6.29%	0.413%
87	20.720	2999	3001	3006	rVB	71785	76213	3.69%	0.242%
88	20.973	3041	3044	3052	rVB	122048	183443	8.89%	0.583%
89	21.155	3072	3075	3079	rVB	122993	176592	8.55%	0.561%
90	21.214	3080	3085	3095	rVV4	287795	598647	29.00%	1.902%
91	21.566	3138	3145	3150	rBV4	642907	1653588	80.09%	5.254%
92	21.619	3150	3154	3162	rVB	446907	741424	35.91%	2.356%
93	22.353	3275	3279	3288	rVB4	180279	402754	19.51%	1.280%
94	23.734	3508	3514	3522	rBV	325777	998094	48.34%	3.172%
95	23.822	3522	3529	3536	rVB2	911886	2064565	100.00%	6.560%
96	24.451	3630	3636	3642	rBV2	183884	467935	22.67%	1.487%
97	24.527	3643	3649	3655	rVV2	288264	793763	38.45%	2.522%
98	24.592	3655	3660	3673	rVB	307778	858674	41.59%	2.729%
99	24.745	3679	3686	3694	rBV2	303155	799777	38.74%	2.541%
100	25.867	3869	3877	3888	rVB	685406	2017855	97.74%	6.412%

Sum of corrected areas: 31470423

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
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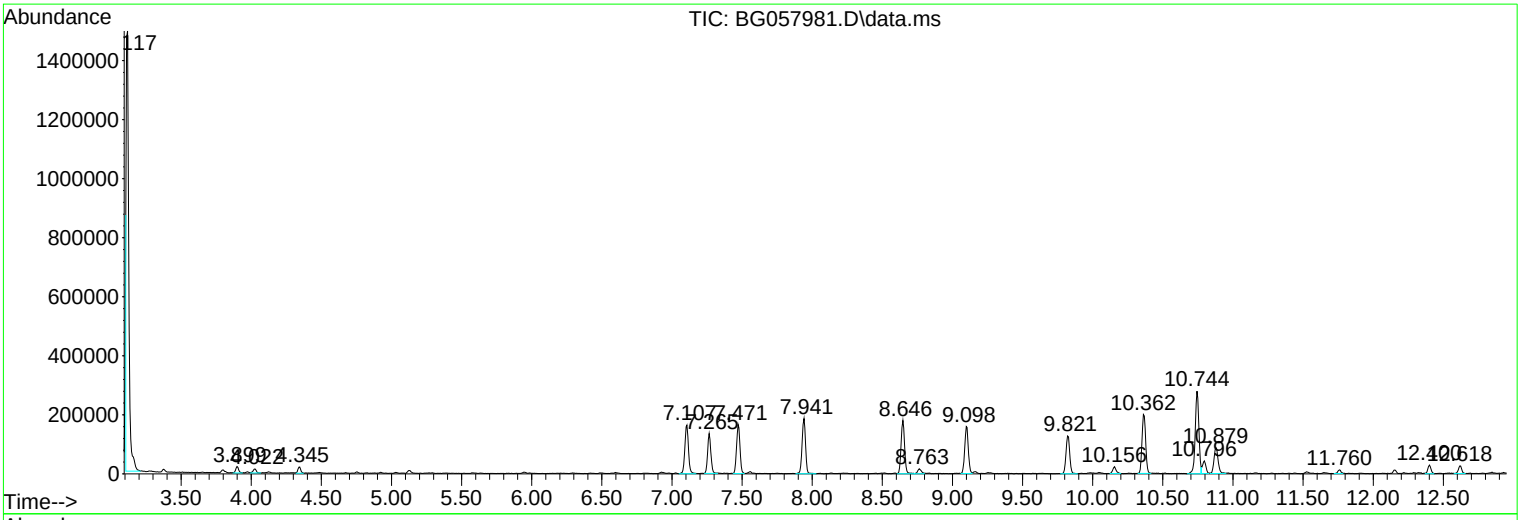
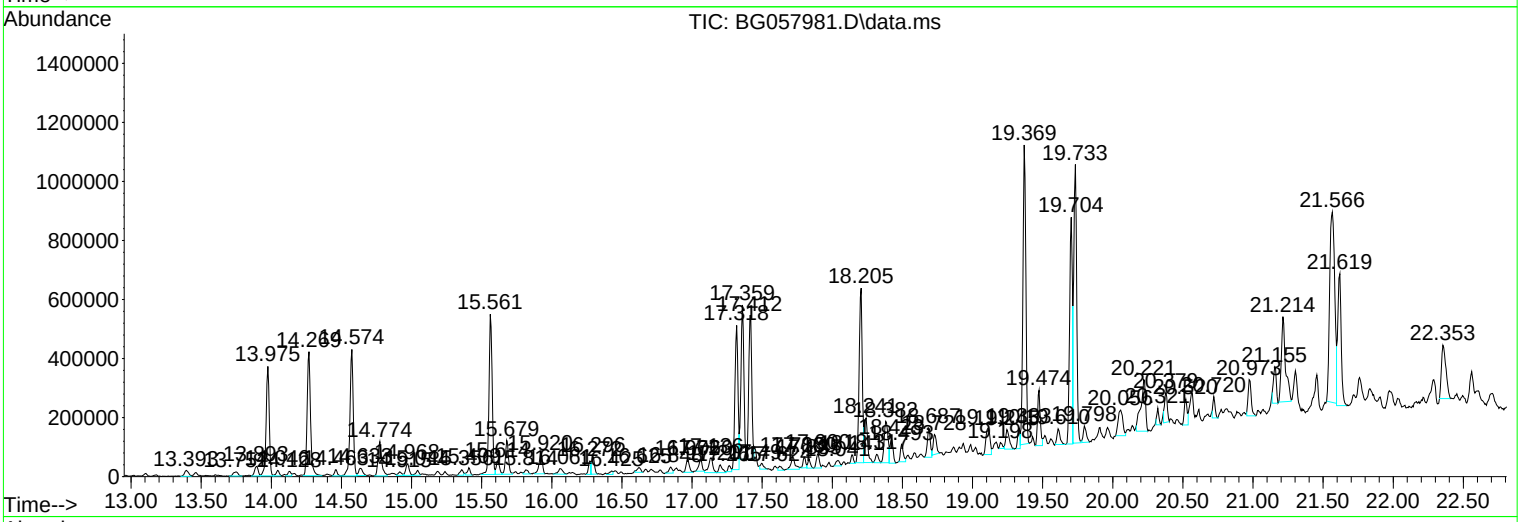
Sample : 03247-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

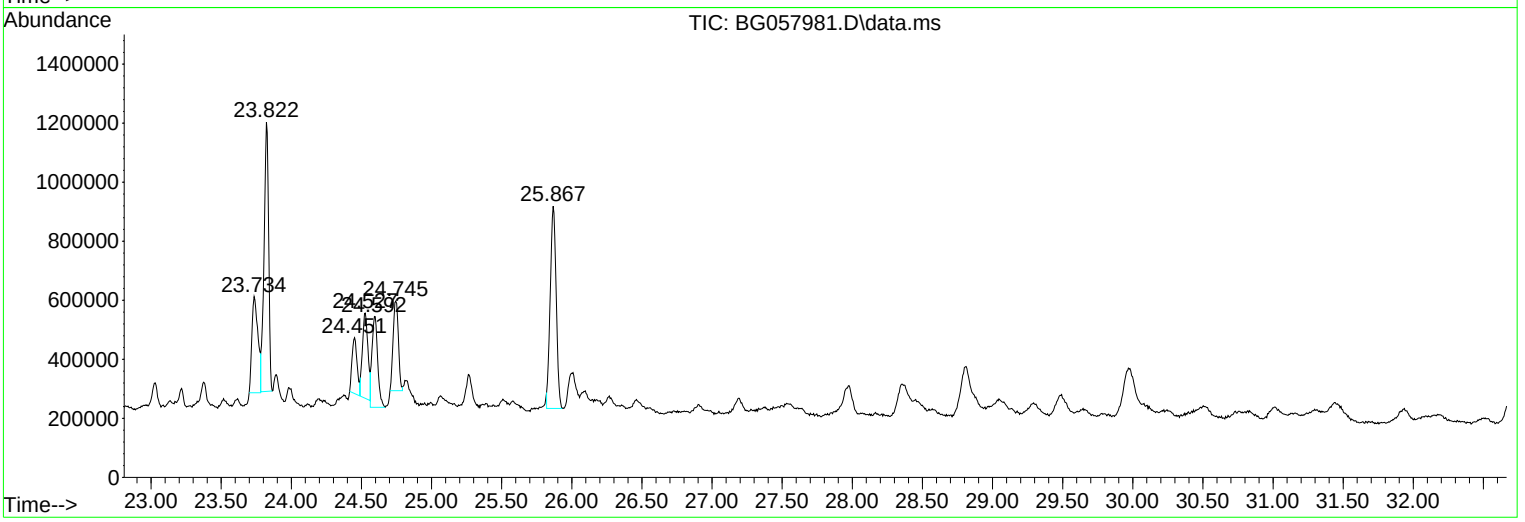
Instrument :
BNA_G
ClientSampleId :
DCGM0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.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\BG070323\
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Acq On : 4 Jul 2023 9:50
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Sample : 03247-14
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ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGM0

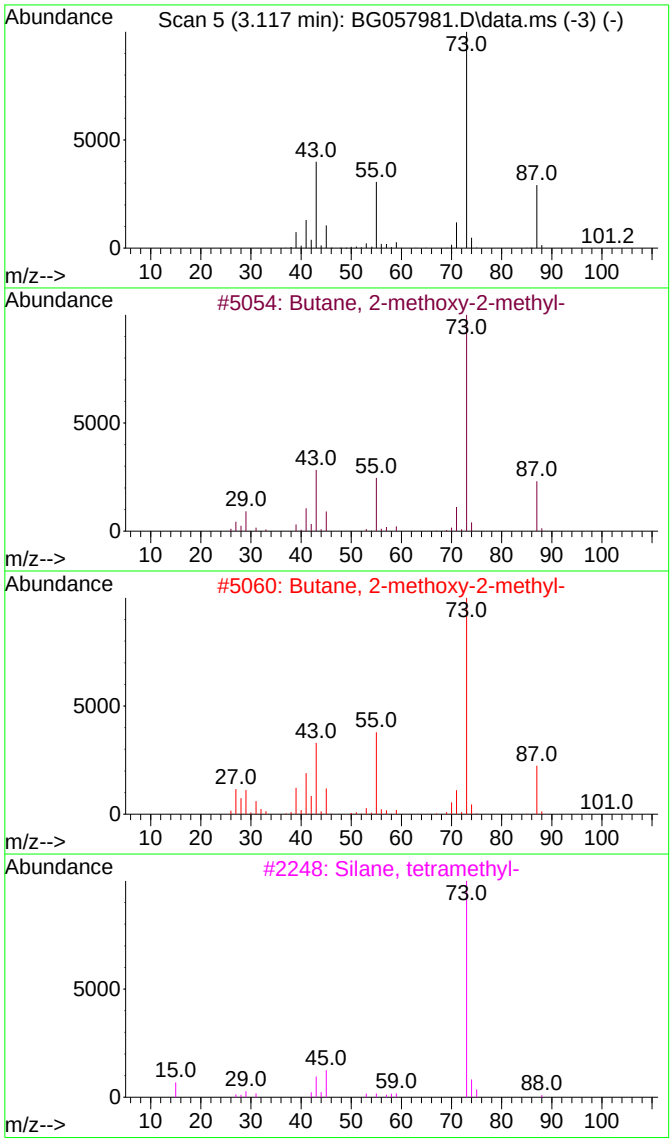
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

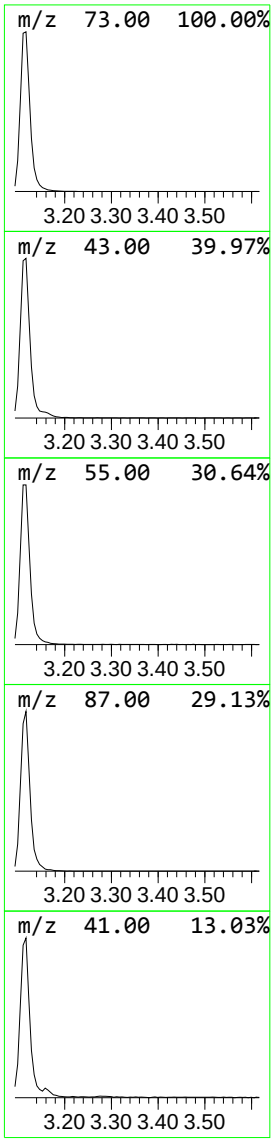
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.117	112.18 ng/ul	1769240	1,4-Dichlorobenzene-d4	7.941

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
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Sample : 03247-14
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ALS Vial : 38 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

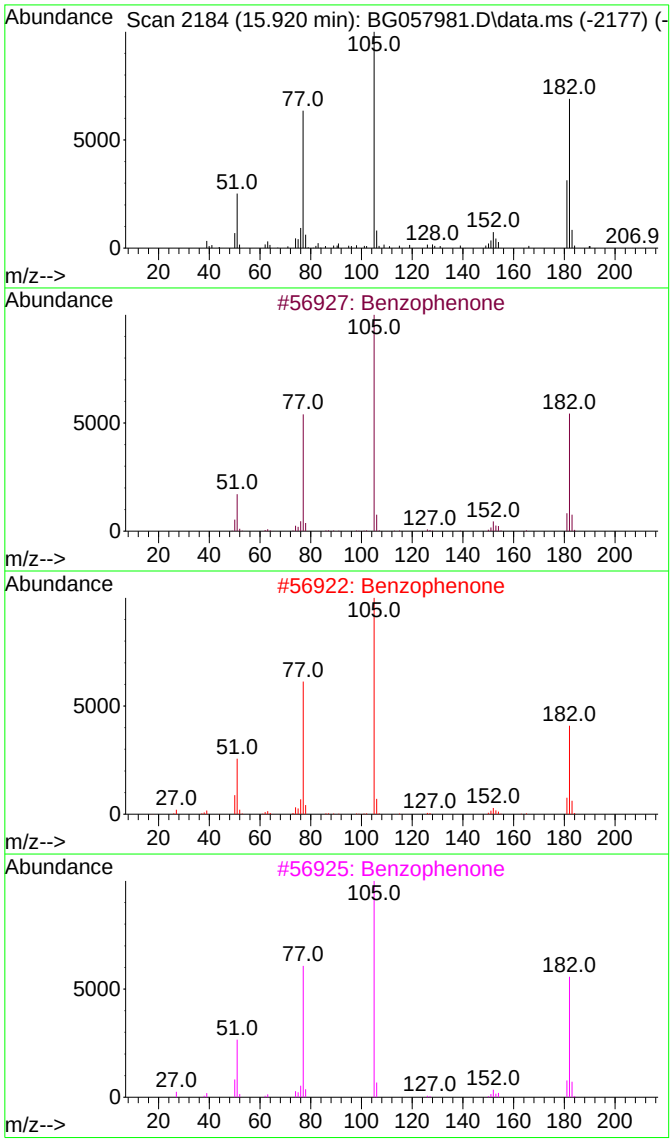
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

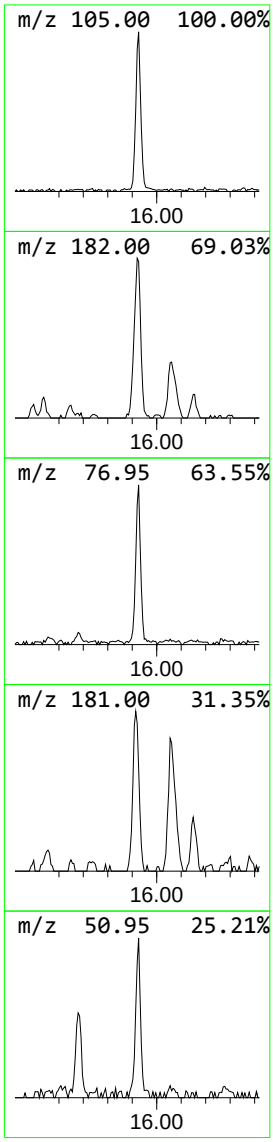
****

Peak Number 2 Benzophenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.920	3.31 ng/ul	115422	Acenaphthene-d10	14.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	90
3	Benzophenone	182	C13H10O	000119-61-9	87
4	Benzophenone	182	C13H10O	000119-61-9	81
5	Benzophenone	182	C13H10O	000119-61-9	64





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Instrument :
BNA_G
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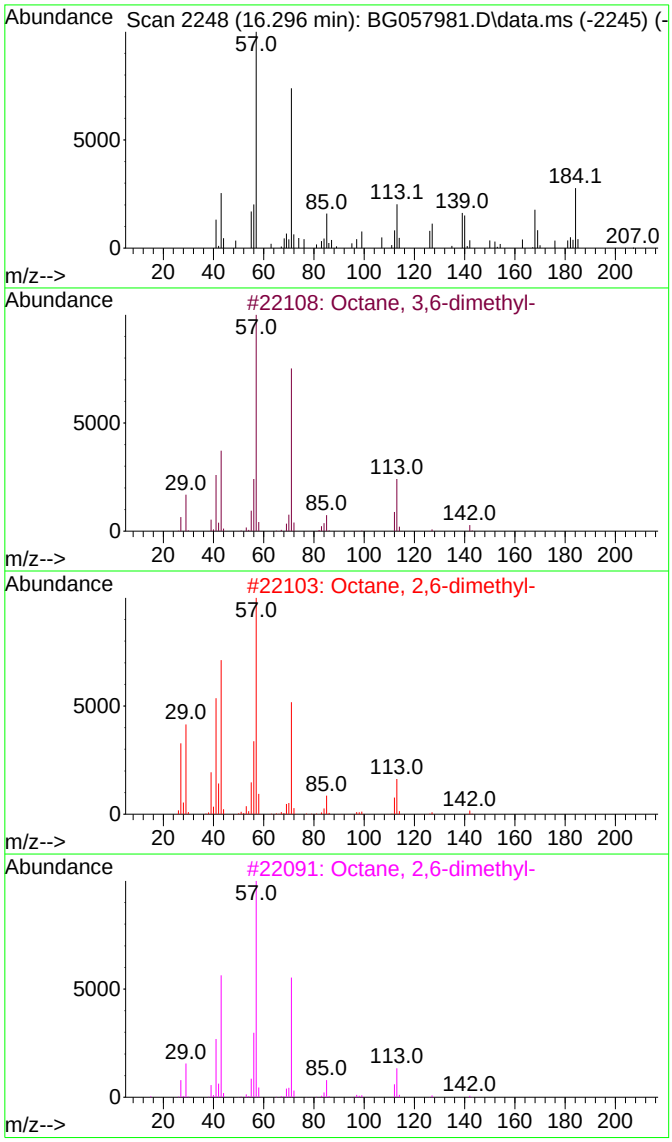
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

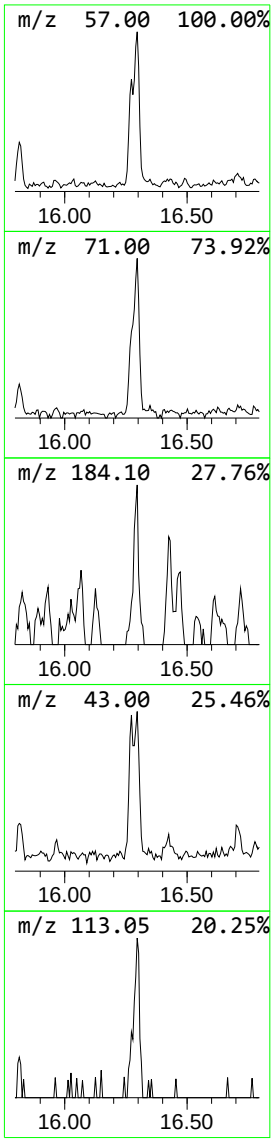
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.296	2.22 ng/ul	82582	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	52
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	50
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	50
4	Octane, 1-iodo-	240	C8H17I	000629-27-6	50
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	50





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BNA_G
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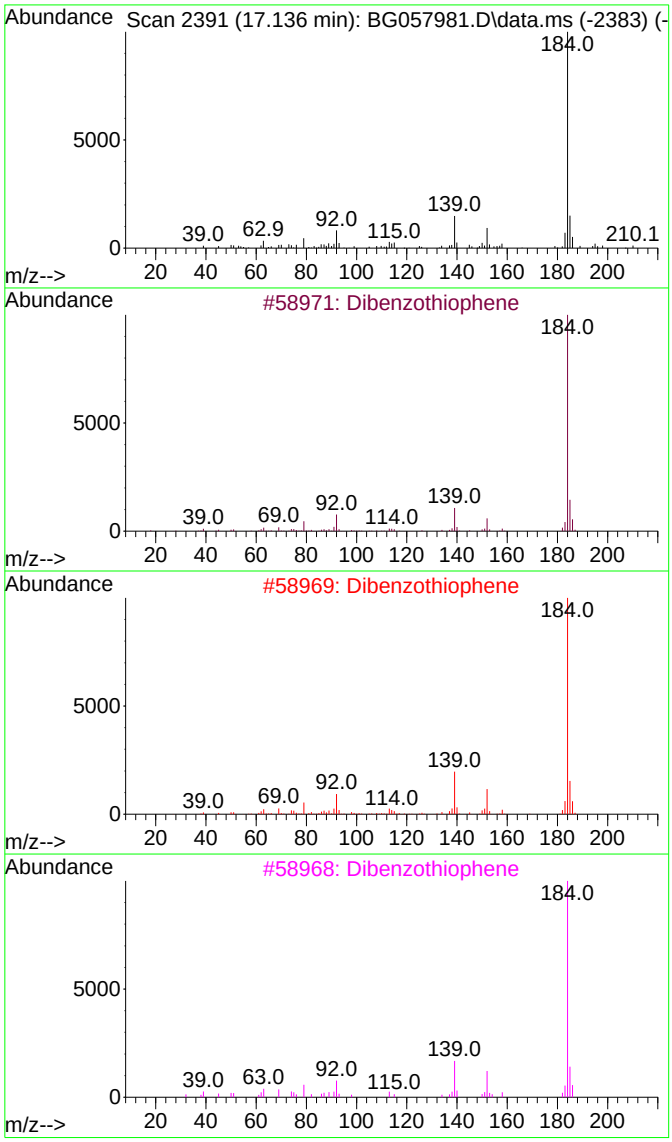
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

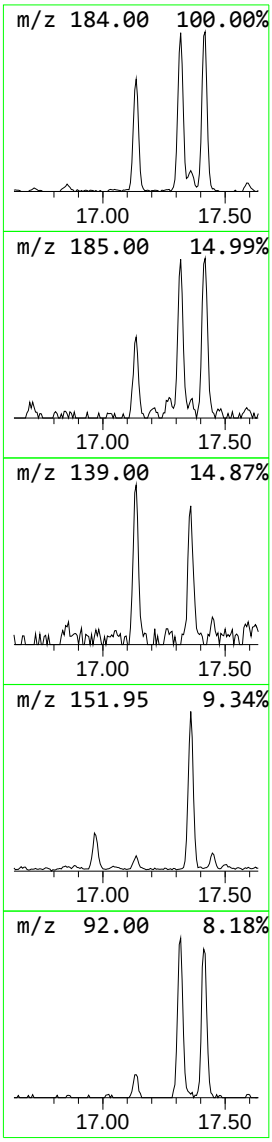
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Dibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.136	2.81 ng/ul	104659	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057981.D
Acq On : 4 Jul 2023 9:50
Operator : CG/JU
Sample : 03247-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGM0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

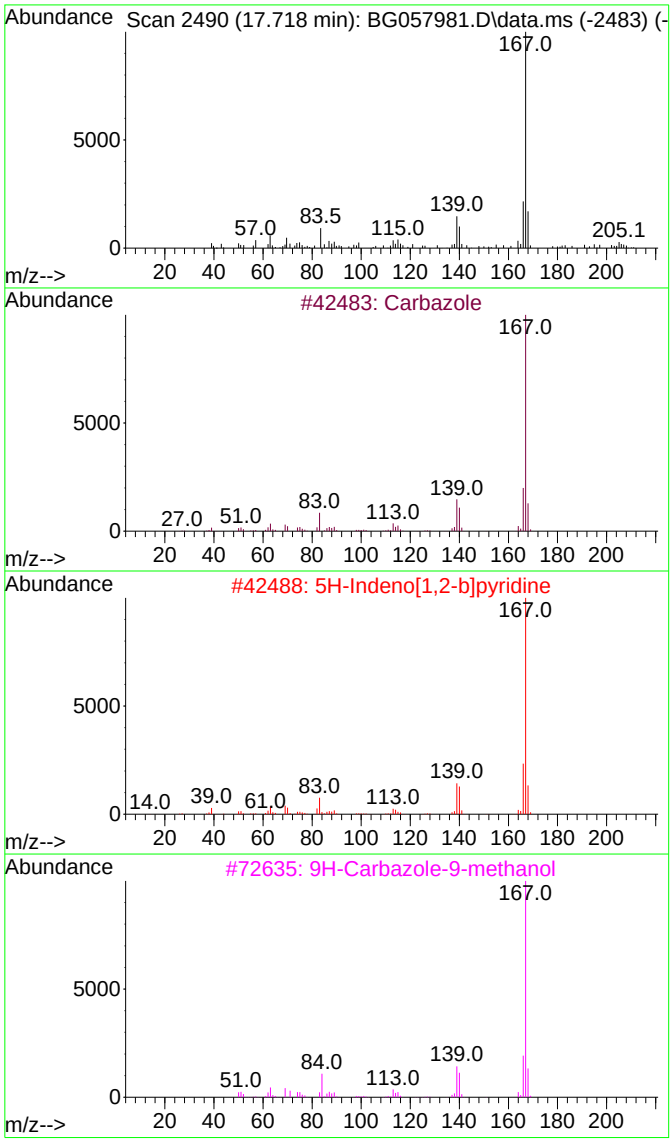
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

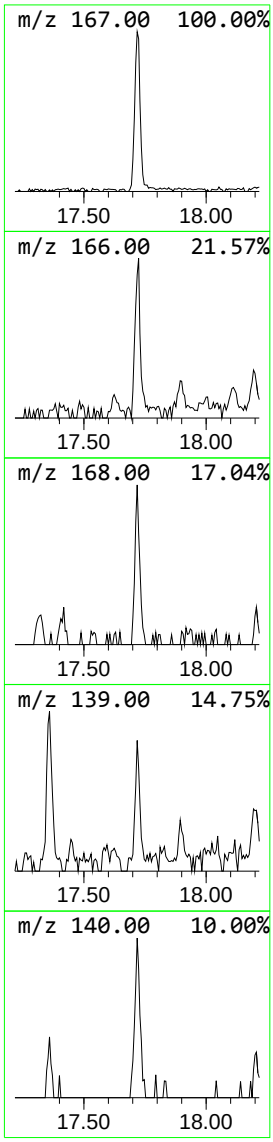
****

Peak Number 5 Carba zole Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.718	2.27 ng/ul	84292	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole	167	C12H9N	000086-74-8	96
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	91
3	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	91
4	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	90
5	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	90





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Acq On : 4 Jul 2023 9:50
Operator : CG/JU
Sample : 03247-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGM0

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Quant Title : SVOA CALIBRATION

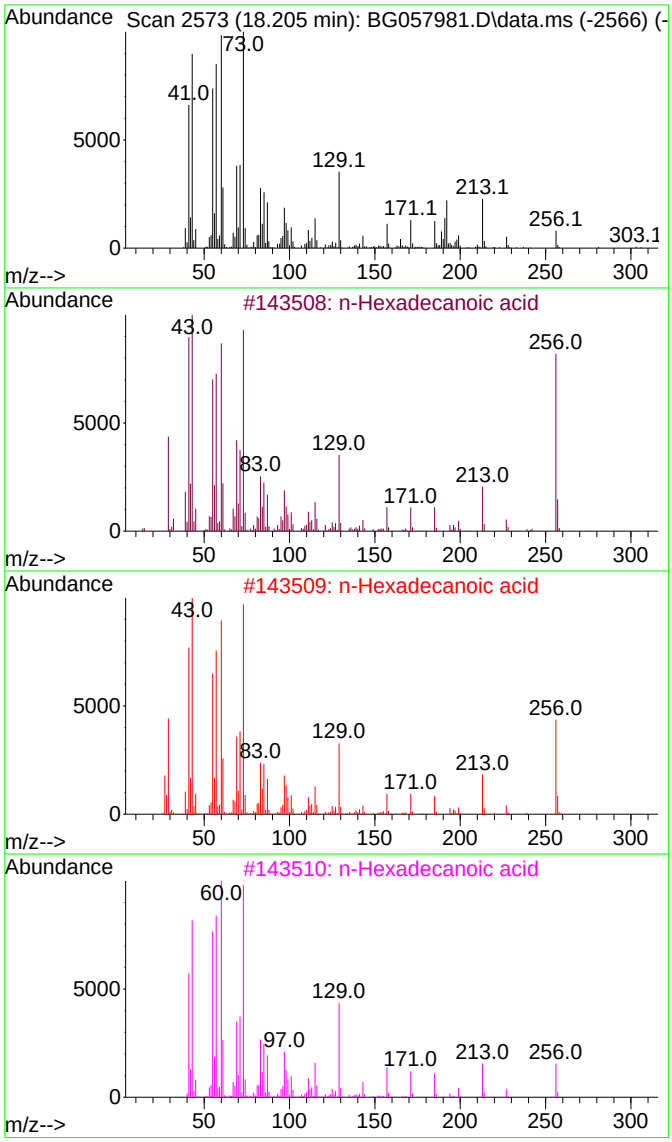
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

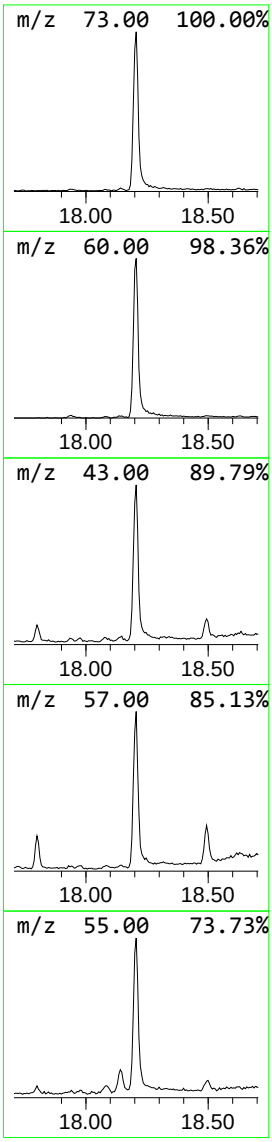
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.205	24.57 ng/ul	913997	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Undecanoic acid	186	C11H22O2	000112-37-8	81





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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGM0

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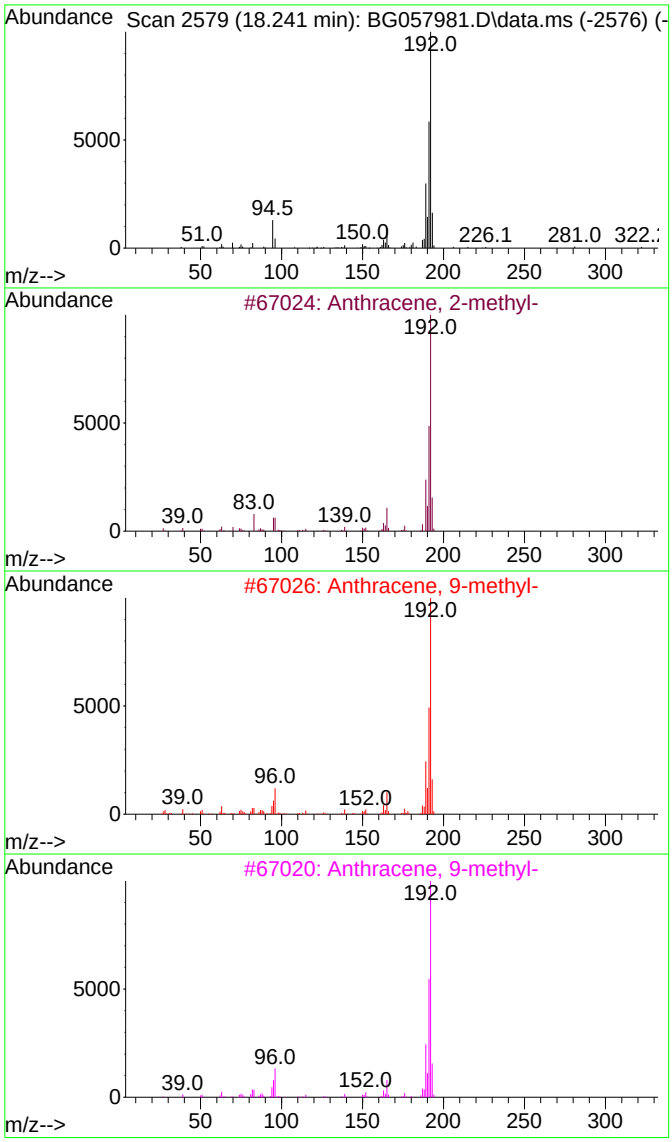
Quant Title : SVOA CALIBRATION

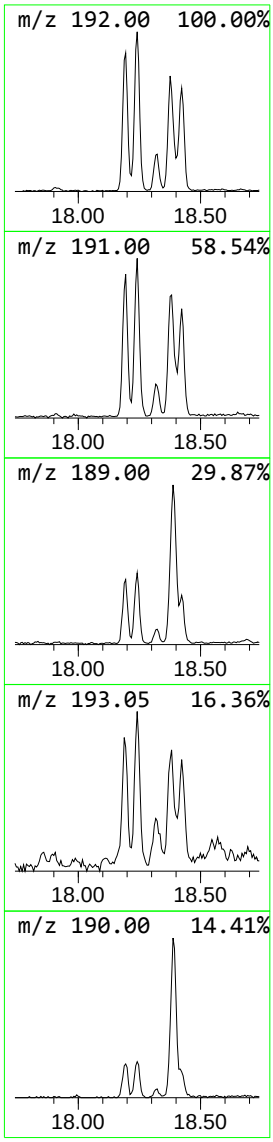
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.241	6.44 ng/ul	239394	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89





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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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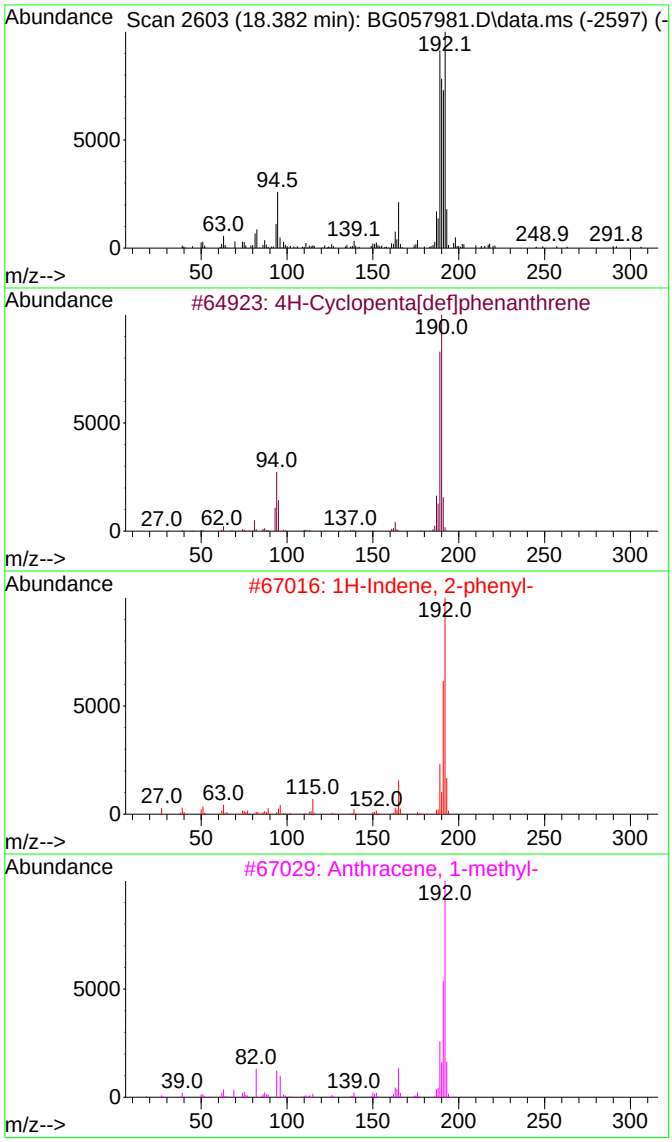
Quant Title : SVOA CALIBRATION

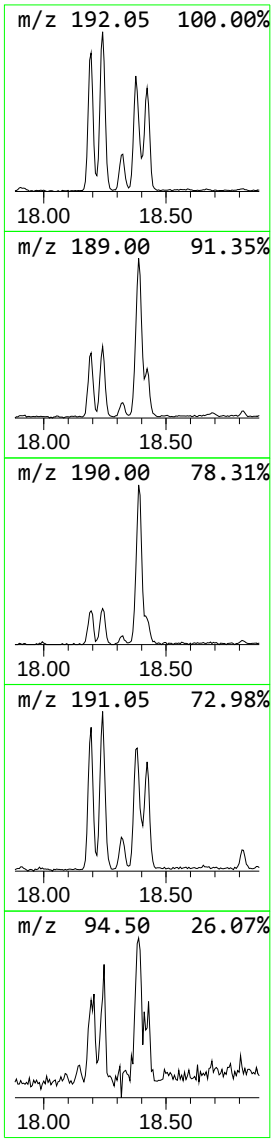
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.382	7.35 ng/ul	273284	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	46
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46





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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGM0

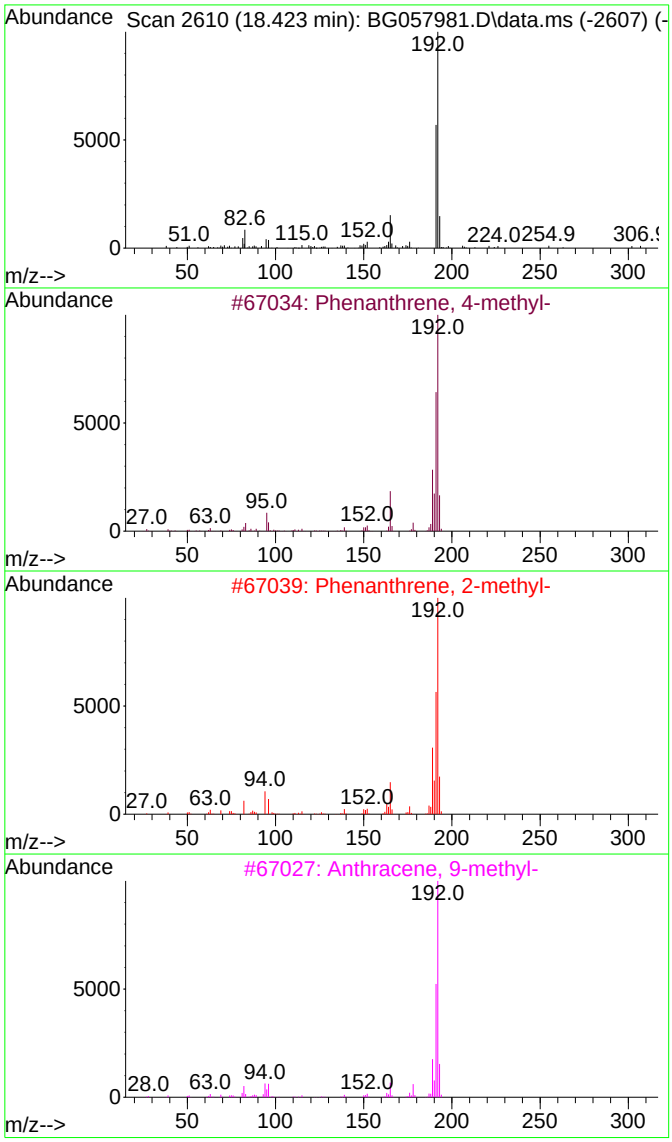
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

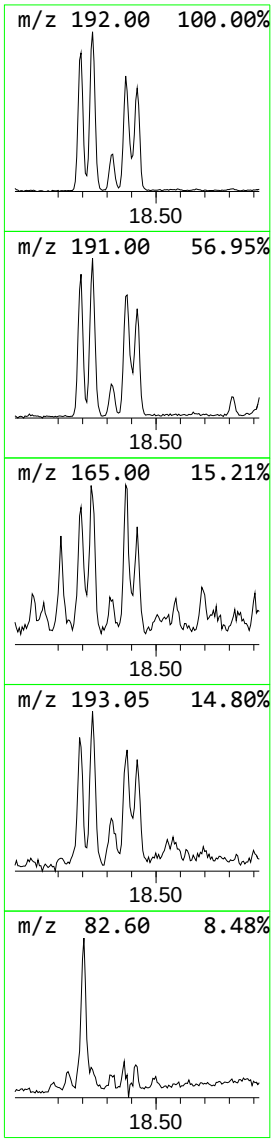
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenanthrene, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.423	3.22 ng/ul	119597	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





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ALS Vial : 38 Sample Multiplier: 1

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BNA_G
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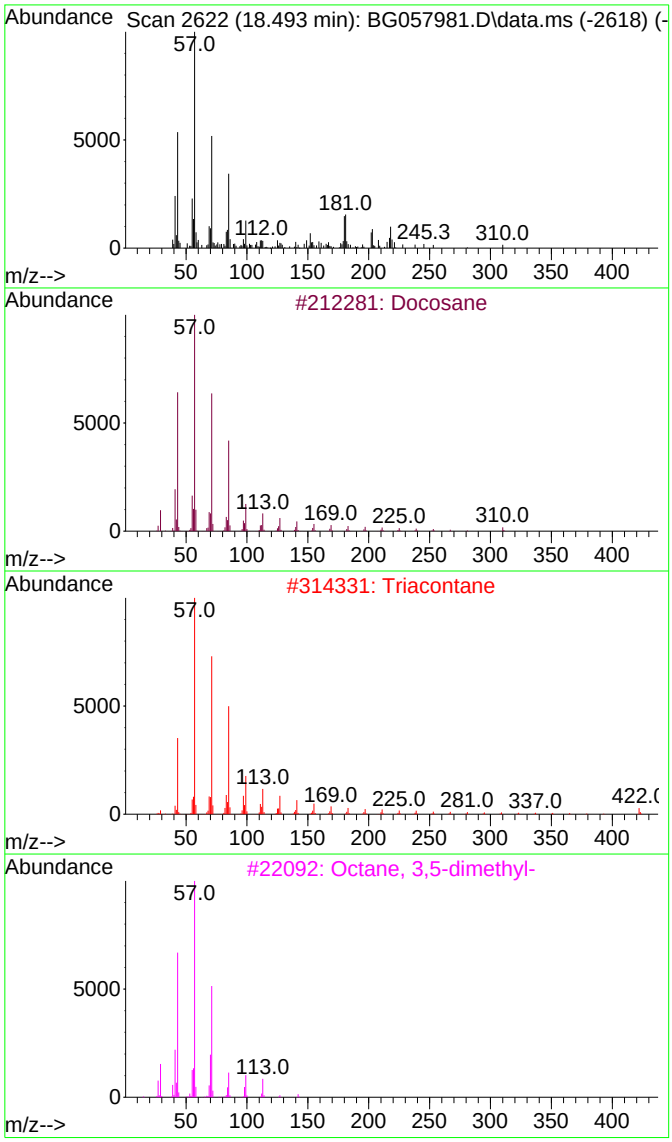
Quant Title : SVOA CALIBRATION

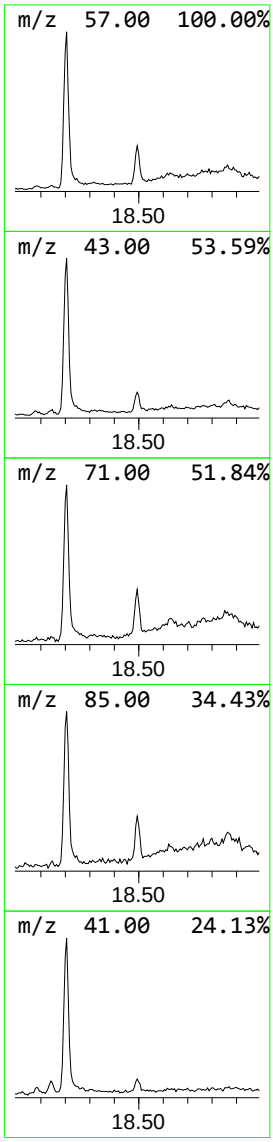
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.493	2.34 ng/ul	87005	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	62
2	Triacontane	422	C30H62	000638-68-6	53
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	49
4	Hexadecane	226	C16H34	000544-76-3	49
5	Tetradecane	198	C14H30	000629-59-4	47





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Instrument :
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ClientSampleId :
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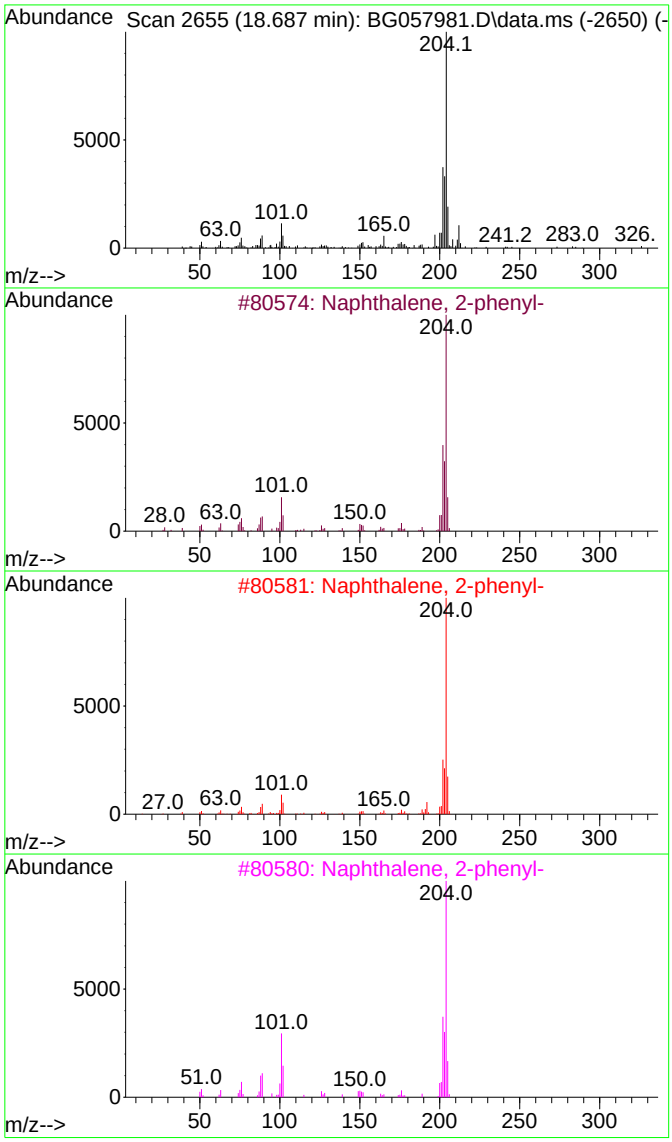
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

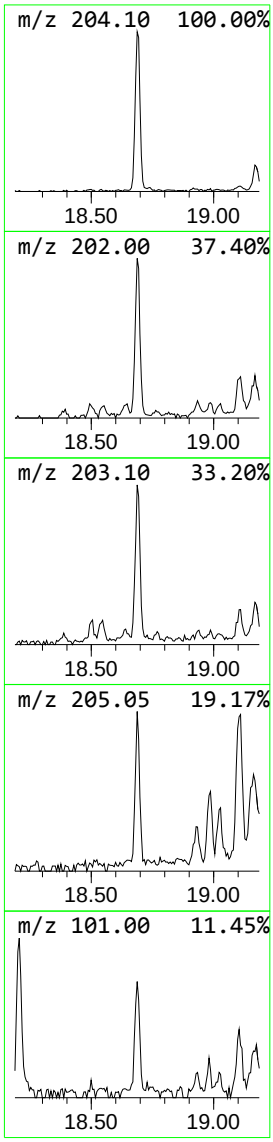
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.687	4.13 ng/ul	153555	Phenanthrene-d10	17.318

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	93
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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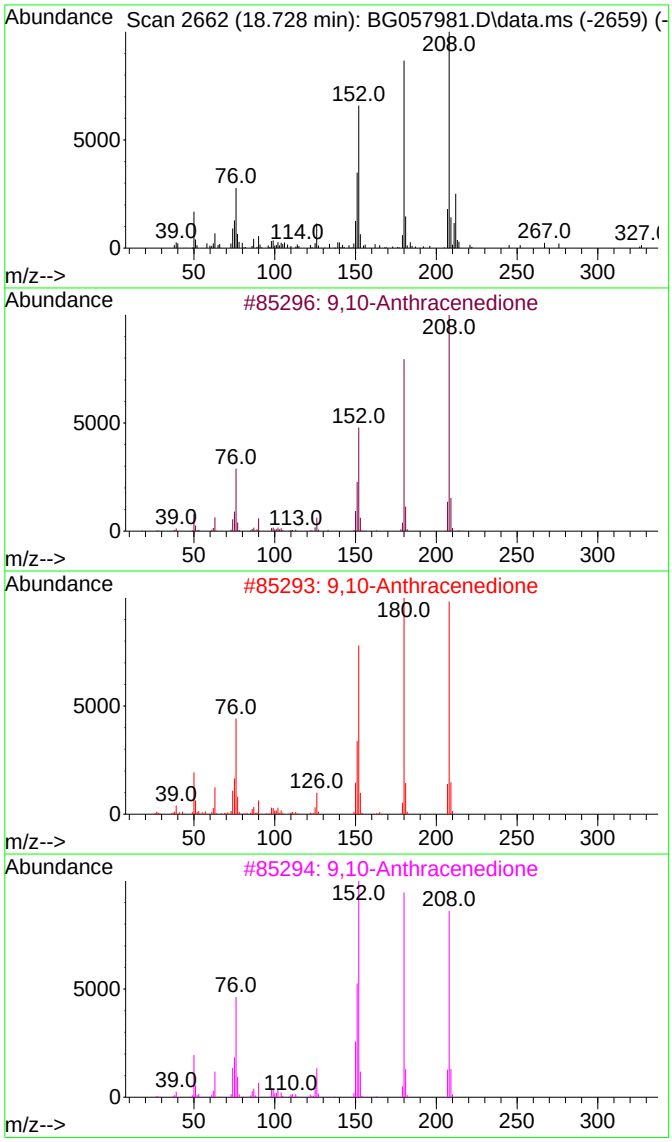
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

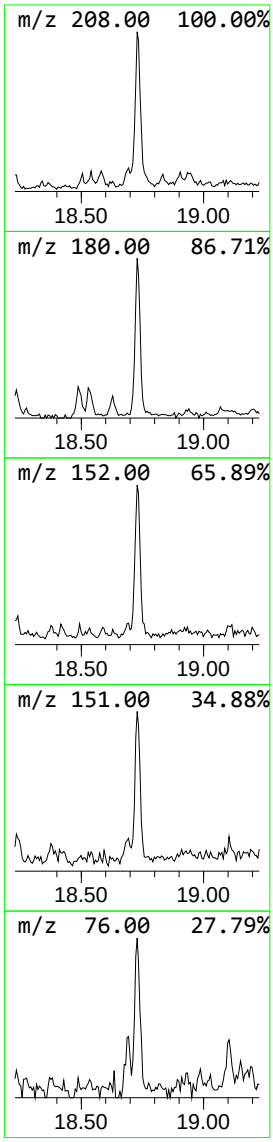
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.728	2.89 ng/ul	107346	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
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	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 :
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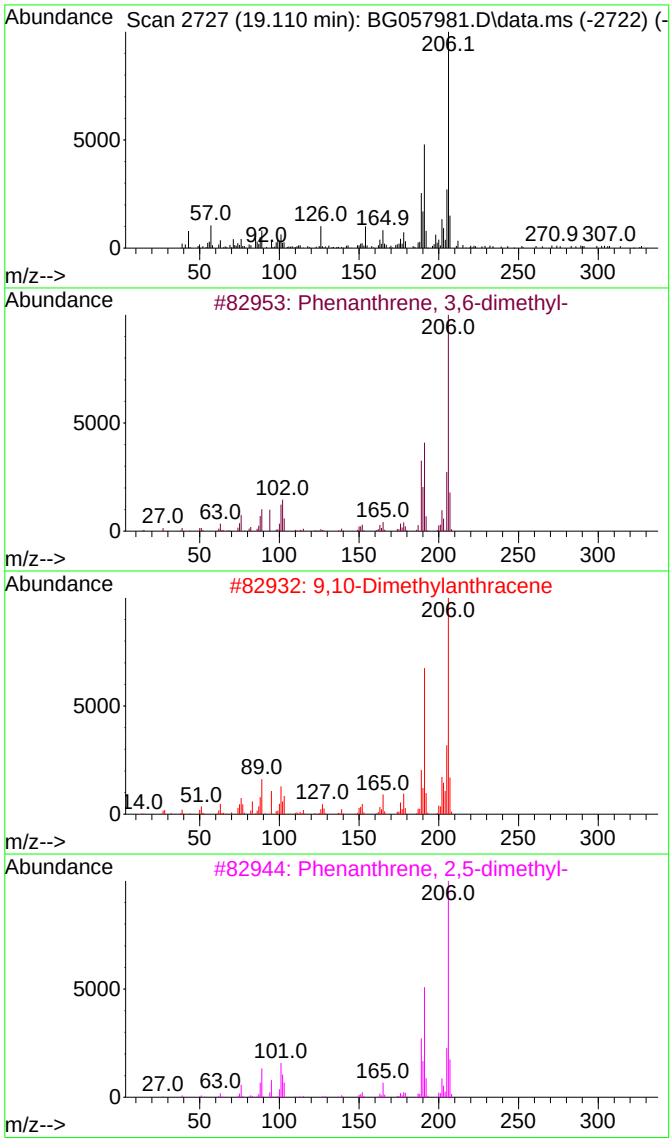
Quant Title : SVOA CALIBRATION

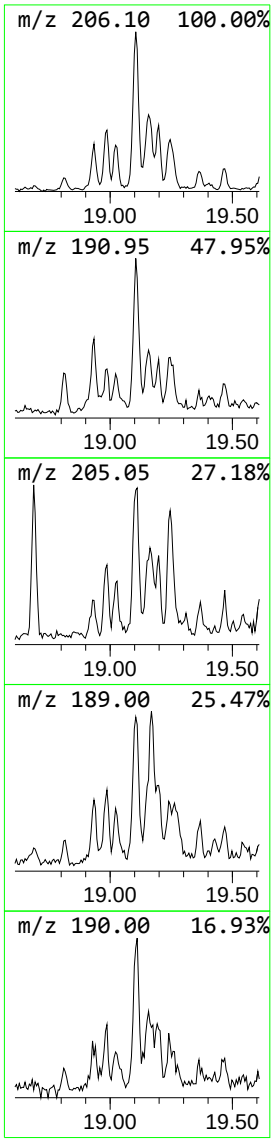
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 3,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.110	4.84 ng/ul	179972	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86





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ClientSampleId :
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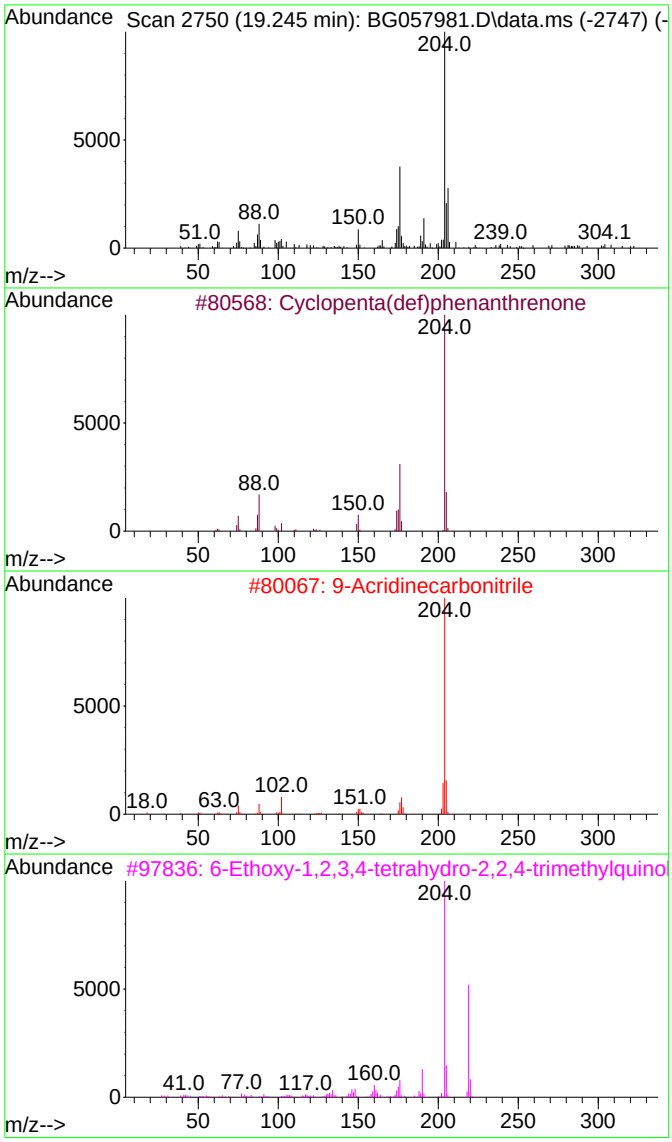
Quant Title : SVOA CALIBRATION

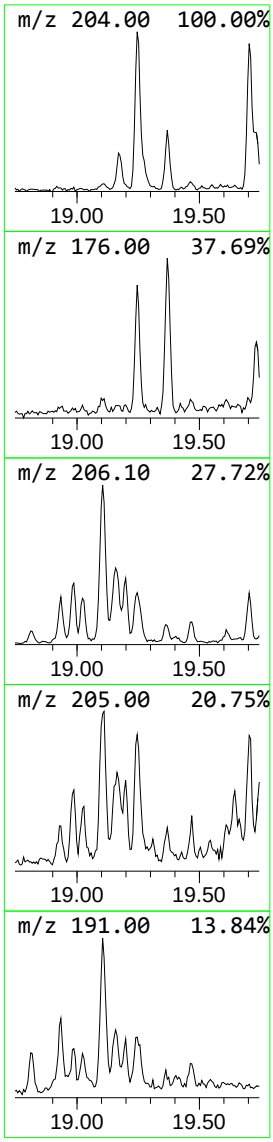
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.245	3.10 ng/ul	115119	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	89
2	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	53
3	6-Ethoxy-1,2,3,4-tetrahydro-2,2,...	219	C14H21NO	016489-90-0	53
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	52
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50





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ALS Vial : 38 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : SVOA CALIBRATION

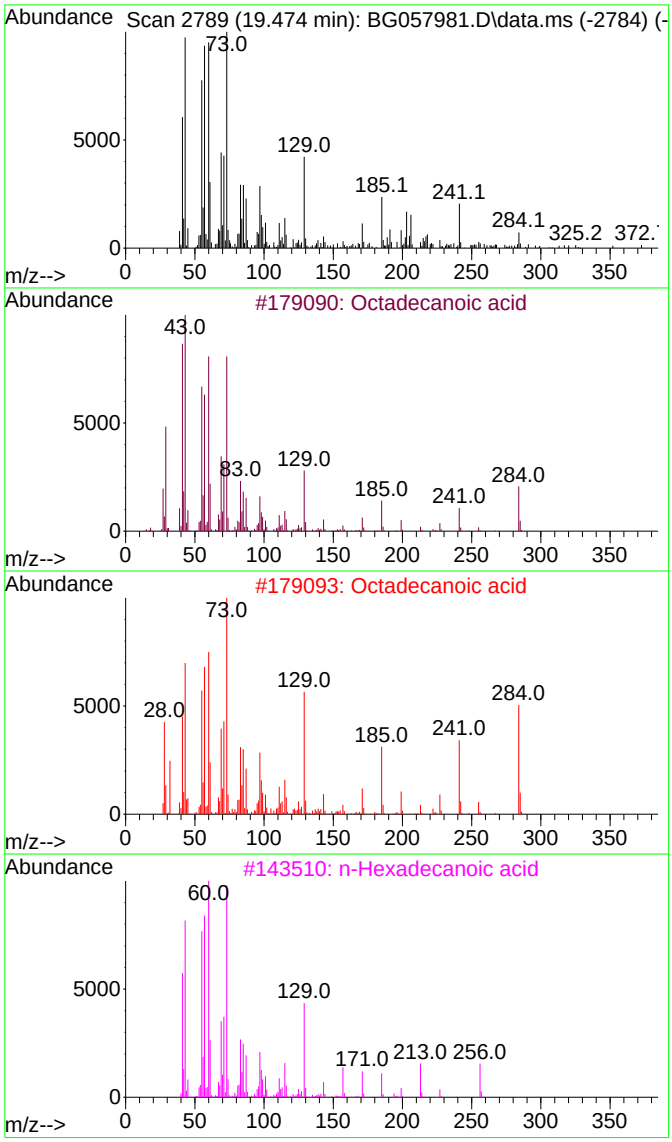
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

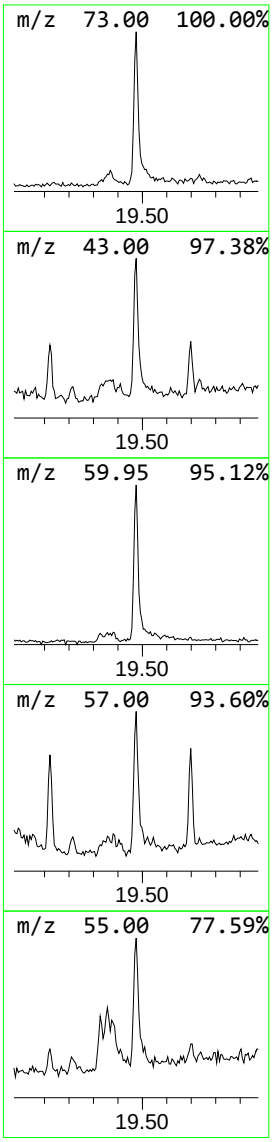
****

Peak Number 15 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.474	3.00 ng/ul	248397	Chrysene-d12	21.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





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ALS Vial : 38 Sample Multiplier: 1

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ClientSampleId :
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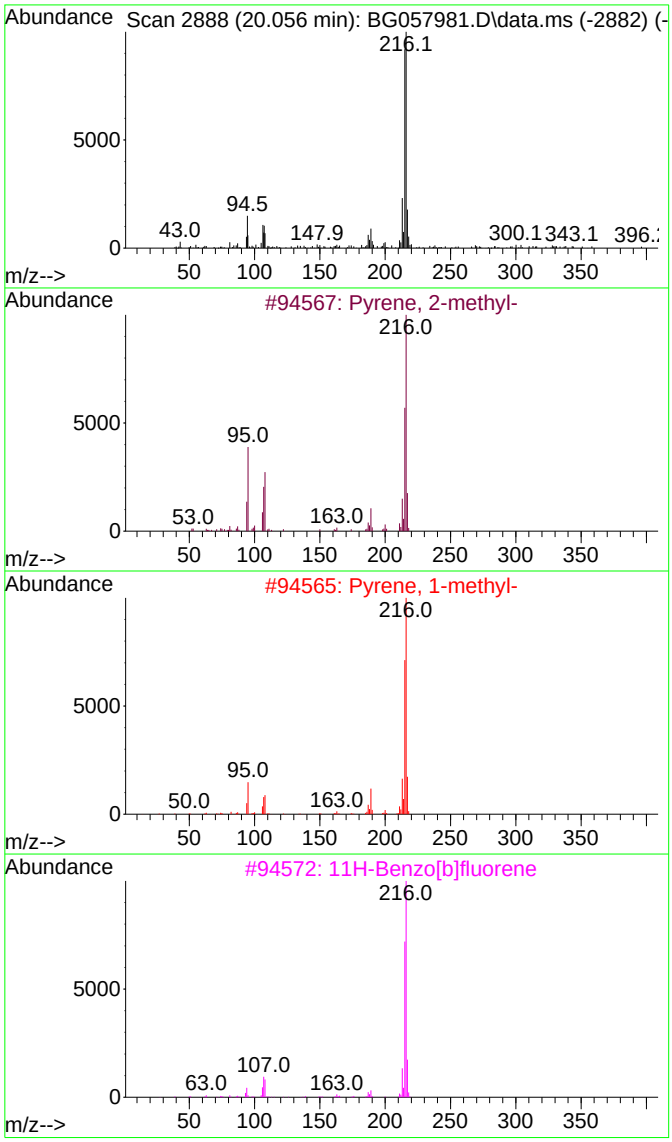
Quant Title : SVOA CALIBRATION

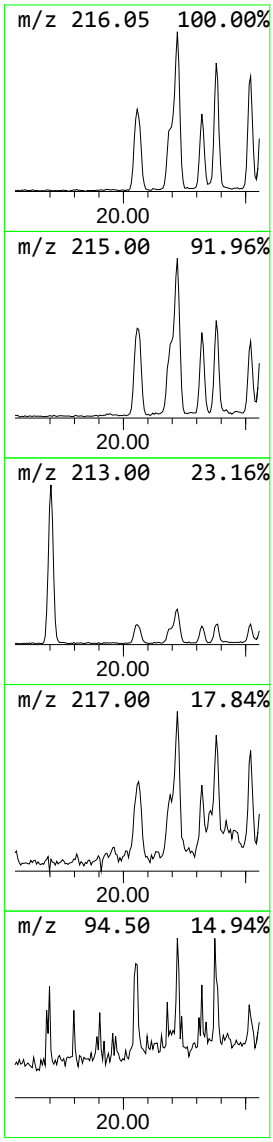
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Pyrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.056	2.47 ng/ul	204585	Chrysene-d12	21.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86





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Sample : 03247-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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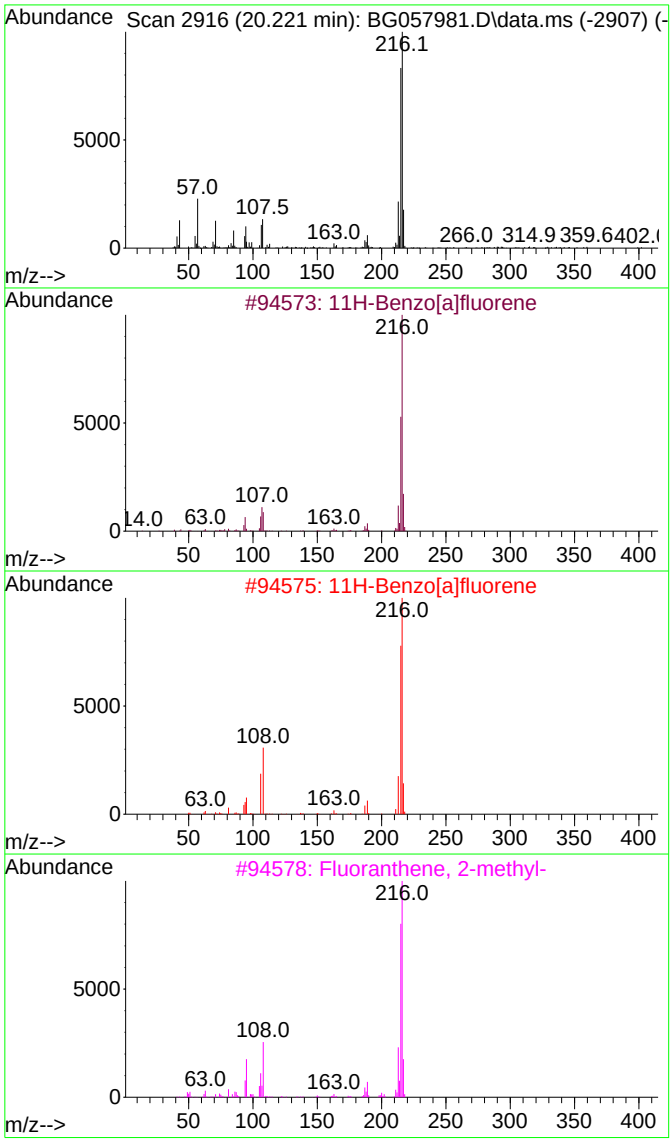
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

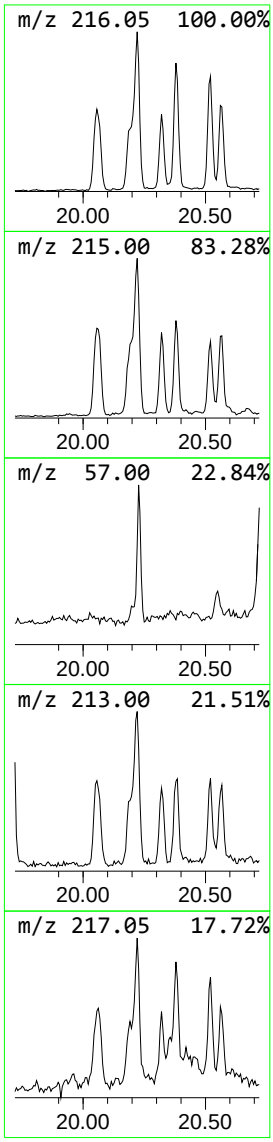
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.221	4.89 ng/ul	404032	Chrysene-d12	21.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	4-O-Methylphenylhydrazono-3-meth...	216	C11H12N4O	065078-60-6	83





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Acq On : 4 Jul 2023 9:50
Operator : CG/JU
Sample : 03247-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGM0

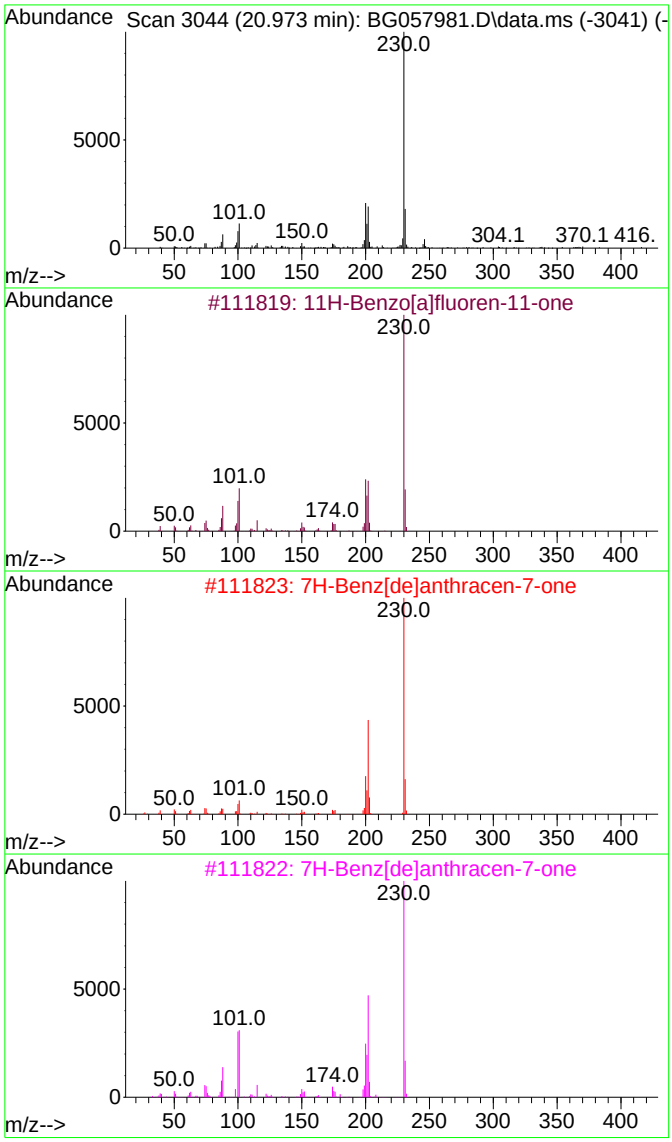
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

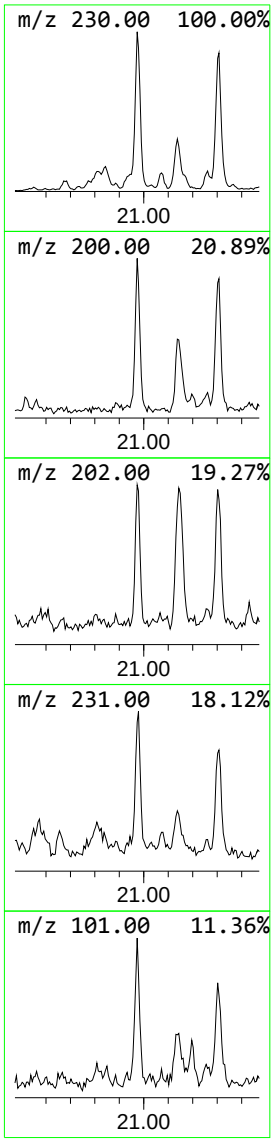
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.973	2.22 ng/ul	183443	Chrysene-d12	21.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	83
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76





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Acq On : 4 Jul 2023 9:50
Operator : CG/JU
Sample : 03247-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGM0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

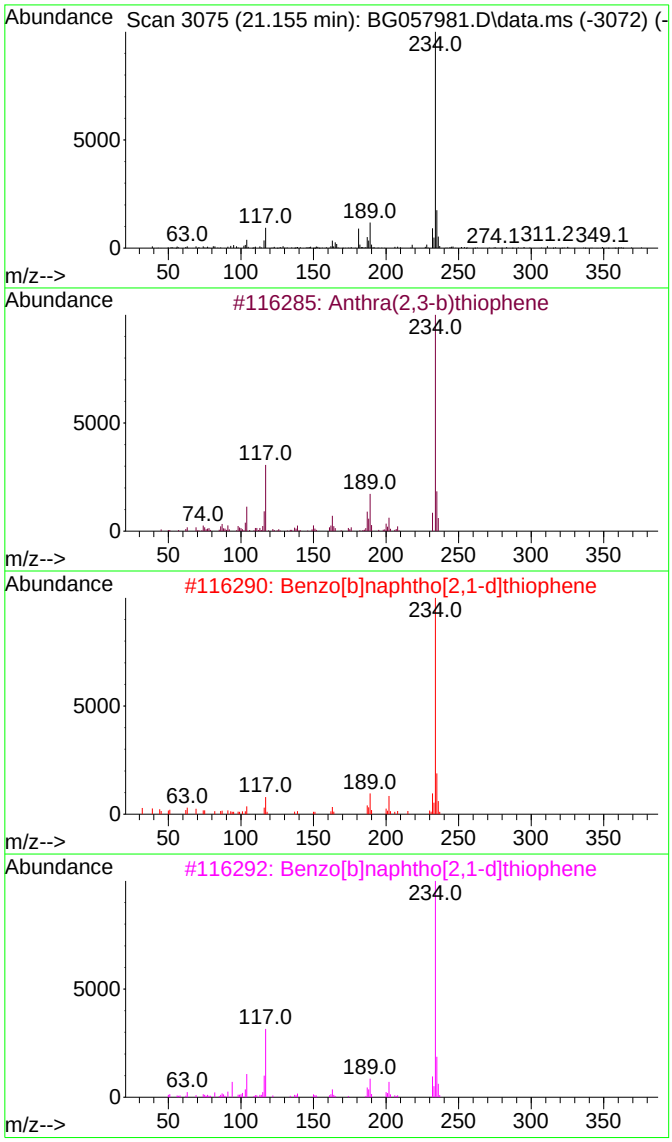
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

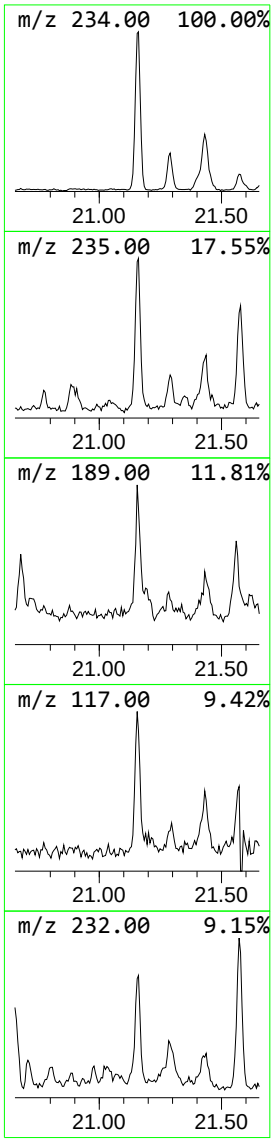
****

Peak Number 19 Anthra(2,3-b)thiophene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.155	2.14 ng/ul	176592	Chrysene-d12	21.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	91
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87





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Acq On : 4 Jul 2023 9:50
Operator : CG/JU
Sample : 03247-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGM0

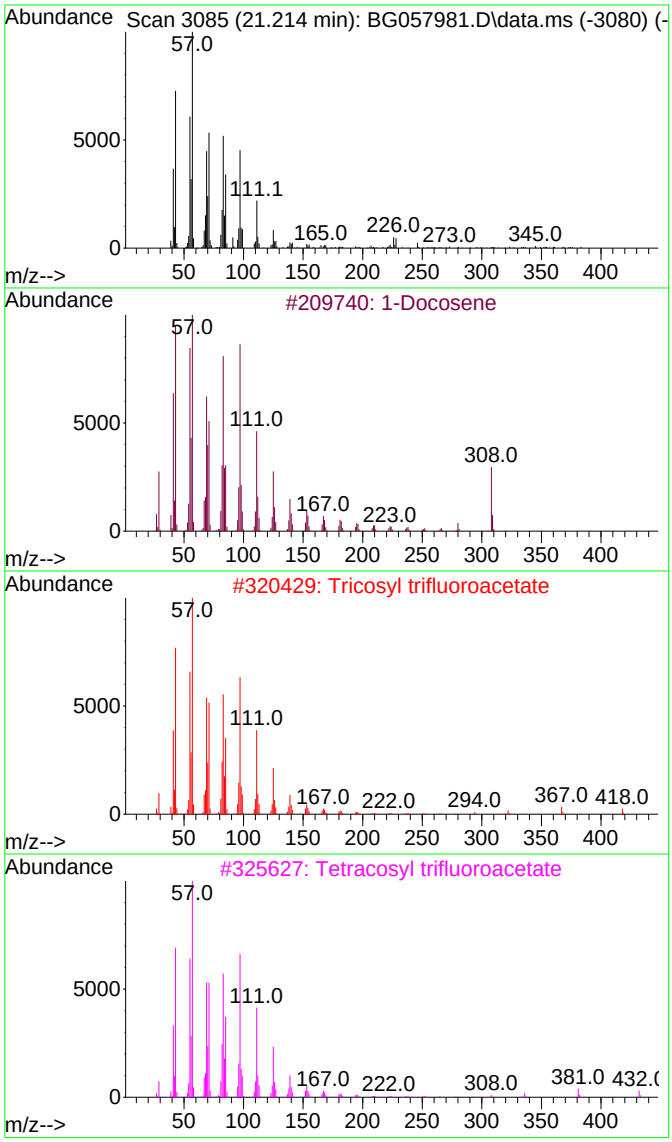
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

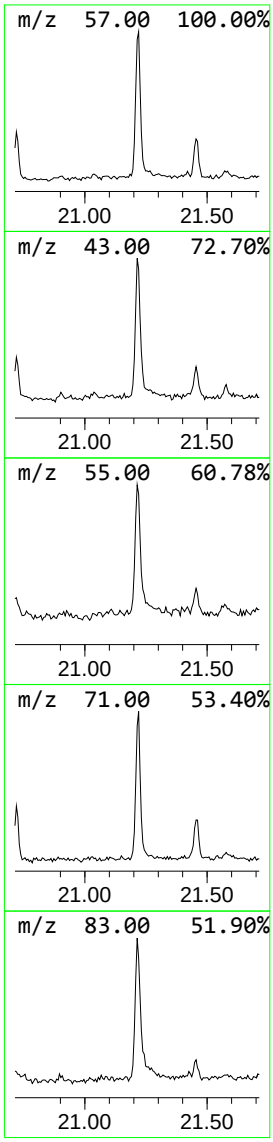
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.214	7.24 ng/ul	598647	Chrysene-d12	21.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
3	Tetracosyl trifluoroacetate	450	C26H49F3O2	1000351-76-4	91
4	Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	91
5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91





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Acq On : 4 Jul 2023 9:50
Operator : CG/JU
Sample : 03247-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGM0

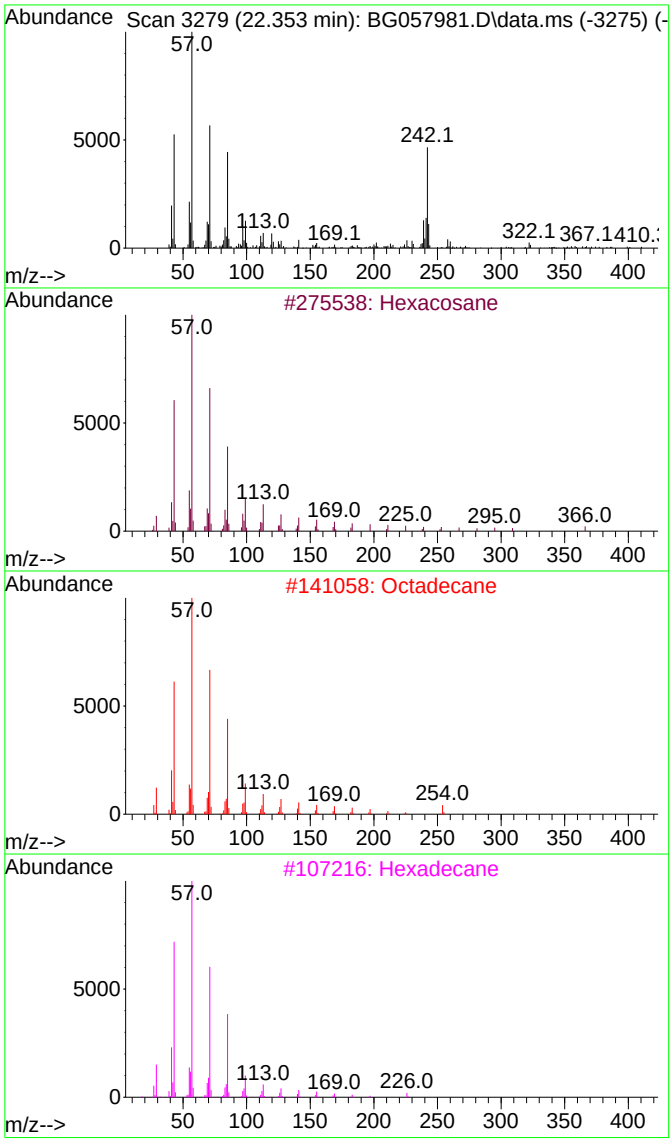
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

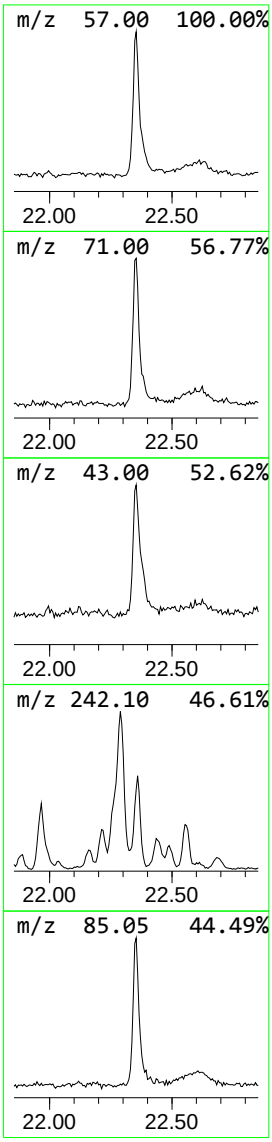
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.354	4.87 ng/ul	402754	Chrysene-d12	21.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	81
2	Octadecane	254	C18H38	000593-45-3	80
3	Hexadecane	226	C16H34	000544-76-3	72
4	Pentacosane	352	C25H52	000629-99-2	70
5	Heptadecane	240	C17H36	000629-78-7	70





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Acq On : 4 Jul 2023 9:50
Operator : CG/JU
Sample : 03247-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGM0

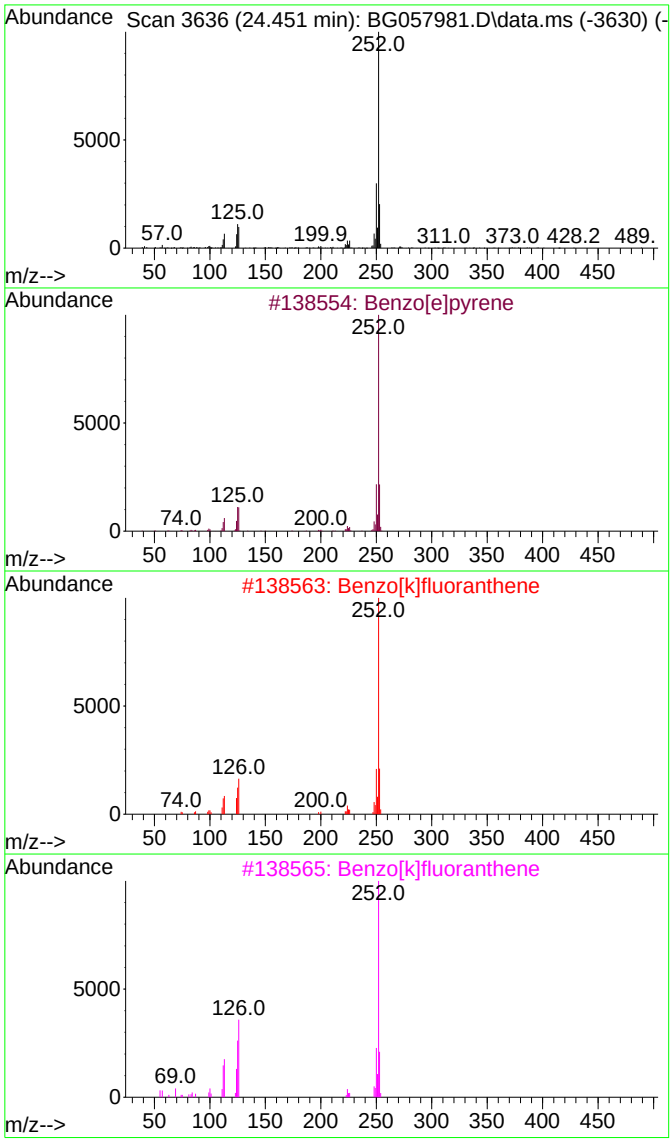
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

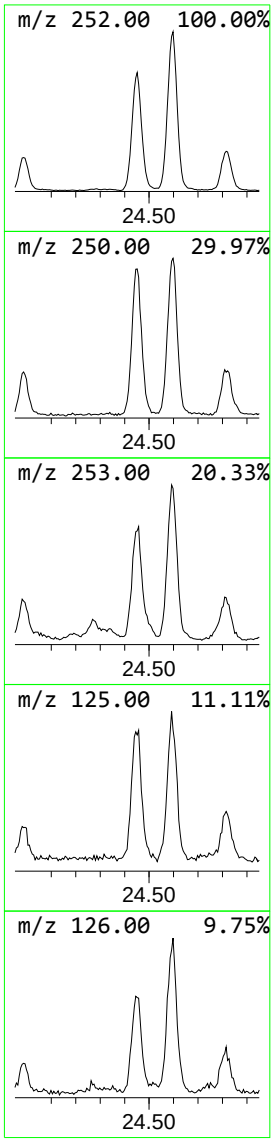
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.451	11.70 ng/ul	467935	Perylene-d12	24.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Perylene	252	C20H12	000198-55-0	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95





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Acq On : 4 Jul 2023 9:50
Operator : CG/JU
Sample : 03247-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGM0

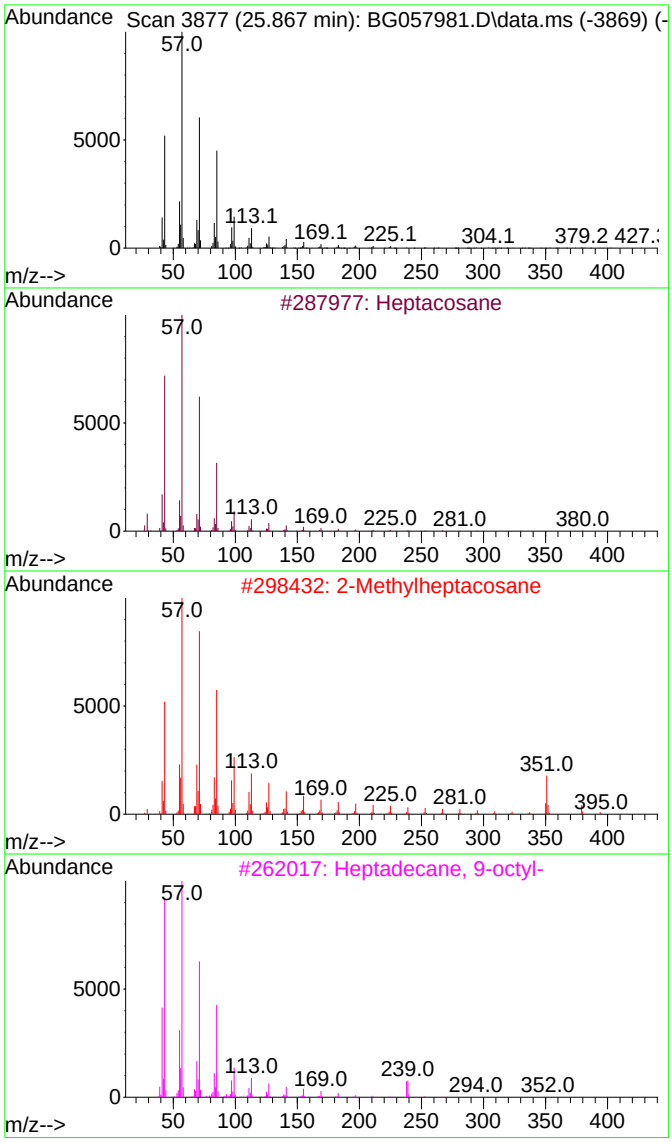
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

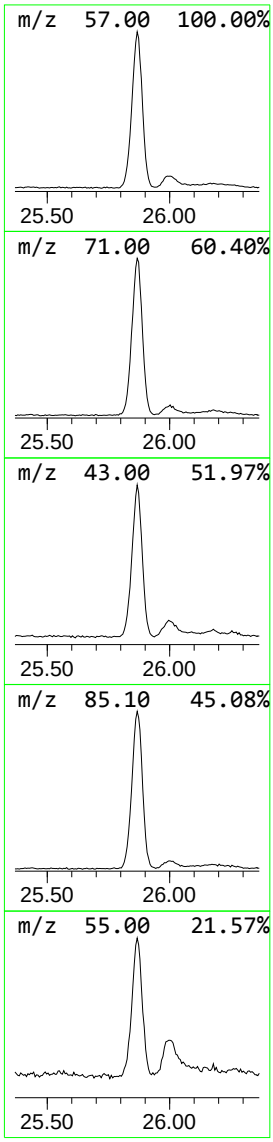
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.867	50.46 ng/ul	2017860	Perylene-d12	24.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	93
2	2-Methylheptacosane	394	C28H58	001561-00-8	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	91





Tentatively Identified Compound (LSC) summary

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Data File : BG057981.D
Acq On : 4 Jul 2023 9:50
Operator : CG/JU
Sample : 03247-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGM0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.117	112.2	ng/ul	1769240	1	7.941	315417	20.0
Benzophenone	15.920	3.3	ng/ul	115422	3	14.574	697817	20.0
(DEL) Alkane: S...	16.296	2.2	ng/ul	82582	4	17.318	743885	20.0
Dibenzothiophene	17.136	2.8	ng/ul	104659	4	17.318	743885	20.0
Carba zole	17.718	2.3	ng/ul	84292	4	17.318	743885	20.0
n-Hexadecanoic ...	18.205	24.6	ng/ul	913997	4	17.318	743885	20.0
Anthracene, 2-m...	18.241	6.4	ng/ul	239394	4	17.318	743885	20.0
4H-Cyclopenta[d...	18.382	7.3	ng/ul	273284	4	17.318	743885	20.0
Phenanthrene, 4...	18.423	3.2	ng/ul	119597	4	17.318	743885	20.0
(DEL) Alkane: S...	18.493	2.3	ng/ul	87005	4	17.318	743885	20.0
Naphthalene, 2-...	18.687	4.1	ng/ul	153555	4	17.318	743885	20.0
9,10-Anthracene...	18.728	2.9	ng/ul	107346	4	17.318	743885	20.0
Phenanthrene, 3...	19.110	4.8	ng/ul	179972	4	17.318	743885	20.0
Cyclopenta(def)...	19.245	3.1	ng/ul	115119	4	17.318	743885	20.0
Octadecanoic acid	19.474	3.0	ng/ul	248397	5	21.572	1653590	20.0
Pyrene, 2-methyl-	20.056	2.5	ng/ul	204585	5	21.572	1653590	20.0
11H-Benzo[a]flu...	20.221	4.9	ng/ul	404032	5	21.572	1653590	20.0
11H-Benzo[a]flu...	20.973	2.2	ng/ul	183443	5	21.572	1653590	20.0
Anthra(2,3-b)th...	21.155	2.1	ng/ul	176592	5	21.572	1653590	20.0
(DEL) Alkane: S...	21.214	7.2	ng/ul	598647	5	21.572	1653590	20.0
(DEL) Alkane: S...	22.354	4.9	ng/ul	402754	5	21.572	1653590	20.0
Benzo[e]pyrene	24.451	11.7	ng/ul	467935	6	24.739	799777	20.0
(DEL) Alkane: S...	25.867	50.5	ng/ul	2017860	6	24.739	799777	20.0