LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058009.D
Acq On : 5 Jul 2023 6:52
Operator : CG/JU
Sample : 03248-11
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN9

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: BG058009.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.118	3	5	25	rVB	2108261	2596822	100.00%	10.018%
2	3.277	29	32	38	rVB5	4366	8289	0.32%	0.032%
3	3.377	45	49	56	rVB2	14024	19281	0.74%	0.074%
4	3.794	114	120	133	rBV	96065	169107	6.51%	0.652%
5	3.899	133	138	147	rVV	42427	60812	2.34%	0.235%
6	4.029	155	160	165	rVV	17701	27943	1.08%	0.108%
7	4.681	265	271	276	rBV5	4570	7601	0.29%	0.029%
8	5.033	326	331	337	rBV	4641	7505	0.29%	0.029%
9	5.127	341	347	357	rVB2	9439	16645	0.64%	0.064%
10	7.107	675	684	696	rBV	229242	396753	15.28%	1.531%
11	7.266	704	711	721	rBV	182542	297548	11.46%	1.148%
12	7.478	740	747	756	rVB	226994	381401	14.69%	1.471%
13	7.554	756	760	765	rBV3	4773	7523	0.29%	0.029%
14	7.942	817	826	833	rBV	188903	315782	12.16%	1.218%
15	8.653	939	947	958	rVV	236764	413956	15.94%	1.597%
16	9.105	1017	1024	1031	rBV	220514	392767	15.12%	1.515%
17	9.158	1031	1033	1038	rVB3	6254	8893	0.34%	0.034%
18	9.828	1139	1147	1156	rBV	180087	320261	12.33%	1.236%
19	10.368	1232	1239	1249	rBV	272626	481830	18.55%	1.859%
20	10.750	1292	1304	1309	rBV	278038	509994	19.64%	1.967%
21	10.797	1309	1312	1319	rVB2	18451	29432	1.13%	0.114%
22	10.879	1319	1326	1338	rBV	90181	181270	6.98%	0.699%
23	11.761	1471	1476	1483	rVB2	8541	13453	0.52%	0.052%
24	12.154	1537	1543	1549	rVB2	7456	12788	0.49%	0.049%
25	12.401	1578	1585	1591	rVB2	9894	16813	0.65%	0.065%
26	12.625	1619	1623	1628	rBV	7870	12128	0.47%	0.047%
27	13.106	1699	1705	1710	rVB3	8010	13001	0.50%	0.050%
28	13.171	1710	1716	1721	rBV5	3596	7709	0.30%	0.030%
29	13.394	1748	1754	1761	rBV3	15559	27502	1.06%	0.106%
30	13.899	1835	1840	1845	rBV2	9725	18055	0.70%	0.070%
31	13.982	1845	1854	1860	rVV	455437	674148	25.96%	2.601%
32	14.046	1862	1865	1870	rVV	13244	19224	0.74%	0.074%
33	14.270	1897	1903	1917	rVB2	526389	873515	33.64%	3.370%
34	14.464	1932	1936	1943	rVB	16287	23053	0.89%	0.089%
35	14.575	1943	1955	1962	rBV	420271	668183	25.73%	2.578%
36	14.640	1962	1966	1973	rVB	14724	25245	0.97%	0.097%

LSC Area Percent Report

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Operator : CG/JU
Sample : 03248-11
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN9

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

37	14.781	1982	1990	2001	rBV2	151274	302522	11.65%	1.167%
38	14.922	2010	2014	2019	rBV2	15517	24171	0.93%	0.093%
39	14.975	2019	2023	2028	rVV3	20956	35875	1.38%	0.138%
40	15.192	2055	2060	2064	rBV5	6449	8655	0.33%	0.033%
41	15.239	2064	2068	2073	rVB5	6463	11385	0.44%	0.044%
42	15.357	2083	2088	2092	rBV5	11308	21032	0.81%	0.081%
43	15.409	2095	2097	2101	rVB	16668	18889	0.73%	0.073%
44	15.568	2117	2124	2130	rBV	674873	1029898	39.66%	3.973%
45	15.615	2130	2132	2139	rVB4	20255	28741	1.11%	0.111%
46	15.686	2139	2144	2151	rBV	147742	213191	8.21%	0.822%
47	15.821	2165	2167	2173	rVV4	9287	11084	0.43%	0.043%
48	15.927	2178	2185	2196	rVB	185165	281571	10.84%	1.086%
49	16.068	2205	2209	2216	rVB4	9309	14372	0.55%	0.055%
50	16.238	2235	2238	2240	rVV4	7499	7877	0.30%	0.030%
51	16.297	2240	2248	2253	rVB3	41924	90949	3.50%	0.351%
52	16.491	2278	2281	2288	rVB6	10373	16437	0.63%	0.063%
53	16.626	2299	2304	2306	rVV5	4890	7514	0.29%	0.029%
54	16.708	2314	2318	2322	rBV5	10073	13597	0.52%	0.052%
55	16.849	2337	2342	2347	rBV6	16352	28370	1.09%	0.109%
56	16.972	2359	2363	2368	rBV	29845	49660	1.91%	0.192%
57	17.025	2369	2372	2373	rVV3	8135	9854	0.38%	0.038%
58	17.066	2373	2379	2383	rVV2	33417	56802	2.19%	0.219%
59	17.119	2383	2388	2389	rVV5	8333	15905	0.61%	0.061%
60	17.137	2389	2391	2399	rVB2	14824	20550	0.79%	0.079%
61	17.201	2399	2402	2410	rBV3	49004	79256	3.05%	0.306%
62	17.266	2410	2413	2417	rBV3	21734	34442	1.33%	0.133%
63	17.319	2417	2422	2426	rVV	483125	742056	28.58%	2.863%
64	17.366	2426	2430	2434	rVV	285738	433038	16.68%	1.671%
65	17.419	2434	2439	2448	rVV2	652953	1055402	40.64%	4.072%
66	17.501	2450	2453	2462	rVB4	27189	43791	1.69%	0.169%
67	17.595	2465	2469	2472	rBV3	9647	15282	0.59%	0.059%
68	17.724	2481	2491	2496	rBV2	51534	110873	4.27%	0.428%
69	17.801	2501	2504	2507	rVV2	24430	31016	1.19%	0.120%
70	17.836	2507	2510	2515	rVB5	12887	16549	0.64%	0.064%
71	17.907	2517	2522	2525	rBV7	9956	18113	0.70%	0.070%
72	17.977	2531	2534	2539	rBV6	14562	18086	0.70%	0.070%
73	18.083	2549	2552	2556	rBV5	15127	22556	0.87%	0.087%
74	18.142	2559	2562	2567	rBV	60891	88719	3.42%	0.342%
75	18.206	2567	2573	2577	rBV2	506564	705375	27.16%	2.721%
76	18.388	2598	2604	2608	rBV2	62747	130359	5.02%	0.503%

LSC Area Percent Report

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Data File : BG058009.D
Acq On : 5 Jul 2023 6:52
Operator : CG/JU
Sample : 03248-11
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Title : SVOA CALIBRATION

77	18.500	2618	2623	2627	rBV2	48673	80731	3.11%	0.311%
78	18.541	2627	2630	2635	rVV6	22549	36808	1.42%	0.142%
79	18.694	2652	2656	2659	rBV	48790	66714	2.57%	0.257%
80	18.735	2659	2663	2670	rVB	60677	100399	3.87%	0.387%
81	19.117	2723	2728	2732	rBV2	52972	92938	3.58%	0.359%
82	19.246	2748	2750	2758	rVB2	60294	108023	4.16%	0.417%
83	19.334	2762	2765	2766	rBV3	35414	36789	1.42%	0.142%
84	19.375	2766	2772	2779	rVB	830580	1246453	48.00%	4.809%
85	19.475	2785	2789	2795	rBV3	128449	188778	7.27%	0.728%
86	19.616	2811	2813	2817	rVB	34669	34664	1.33%	0.134%
87	19.704	2823	2828	2831	rBV	868712	1361116	52.41%	5.251%
88	19.734	2831	2833	2840	rVB	698584	944229	36.36%	3.643%
89	20.227	2914	2917	2922	rVB2	138317	181051	6.97%	0.698%
90	20.527	2965	2968	2971	rBV	42738	52011	2.00%	0.201%
91	20.979	3042	3045	3051	rVB	128798	171990	6.62%	0.664%
92	21.220	3082	3086	3090	rBV2	234448	345031	13.29%	1.331%
93	21.455	3124	3126	3133	rVB	135575	160670	6.19%	0.620%
94	21.573	3139	3146	3151	rBV3	581017	1455736	56.06%	5.616%
95	21.620	3151	3154	3162	rVB	391429	633774	24.41%	2.445%
96	22.354	3276	3279	3283	rBV2	116662	210613	8.11%	0.813%
97	23.747	3509	3516	3523	rBV	360233	1137787	43.81%	4.389%
98	24.540	3645	3651	3657	rBV	264919	574877	22.14%	2.218%
99	24.757	3681	3688	3696	rBV	260915	670200	25.81%	2.586%
100	25.868	3870	3877	3889	rVB	385767	1109784	42.74%	4.281%

Sum of corrected areas: 25921212

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058009.D
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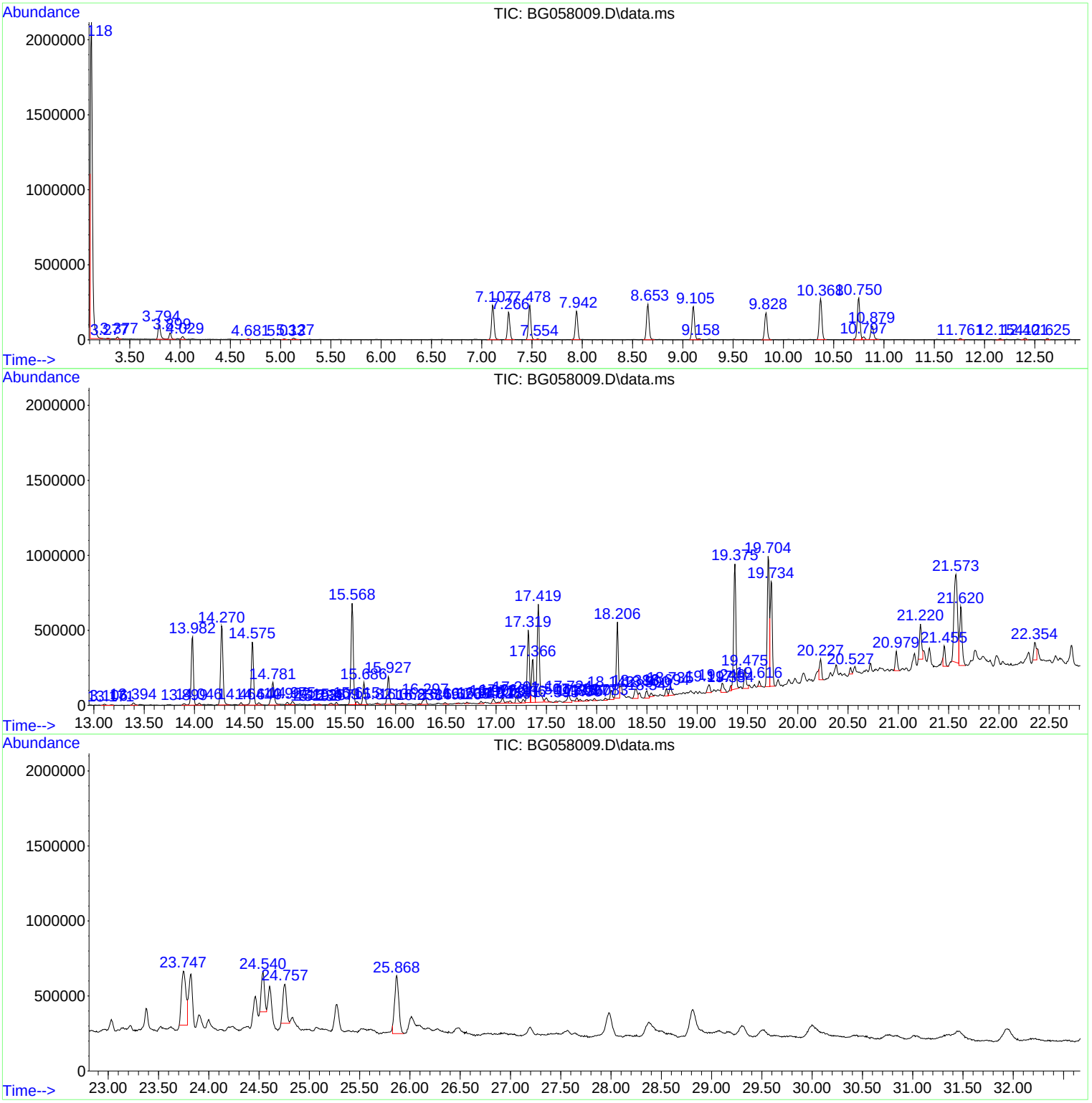
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN9

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\
Data File : BG058009.D
Acq On : 5 Jul 2023 6:52
Operator : CG/JU
Sample : 03248-11
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ALS Vial : 68 Sample Multiplier: 1

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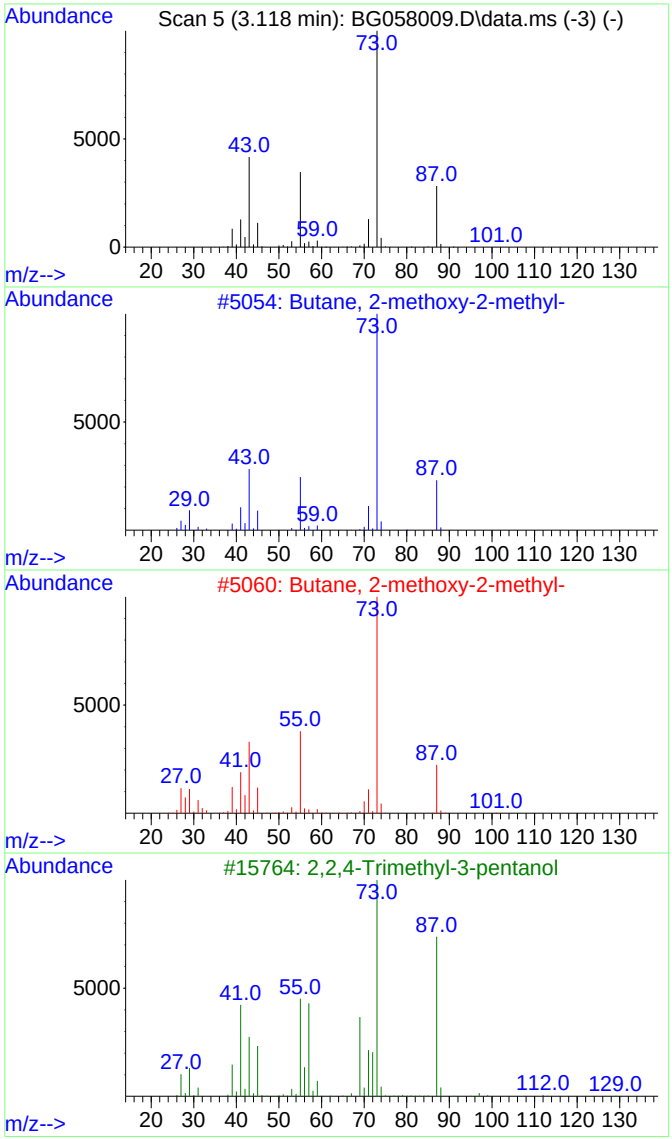
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

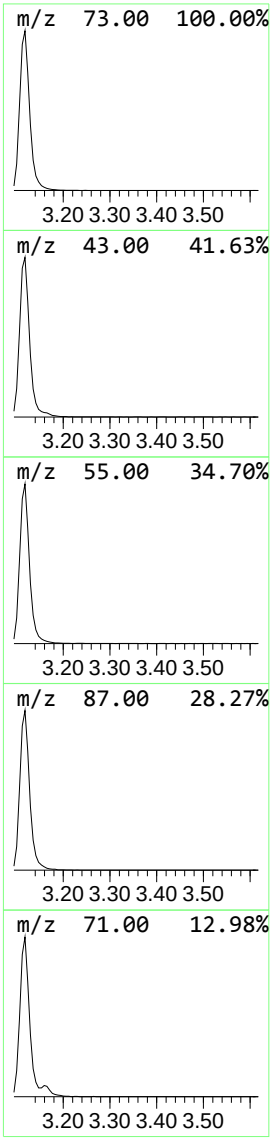
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.118	164.47 ng/ul	2596820	1,4-Dichlorobenzene-d4	7.942

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058009.D
Acq On : 5 Jul 2023 6:52
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Sample : 03248-11
Misc :
ALS Vial : 68 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

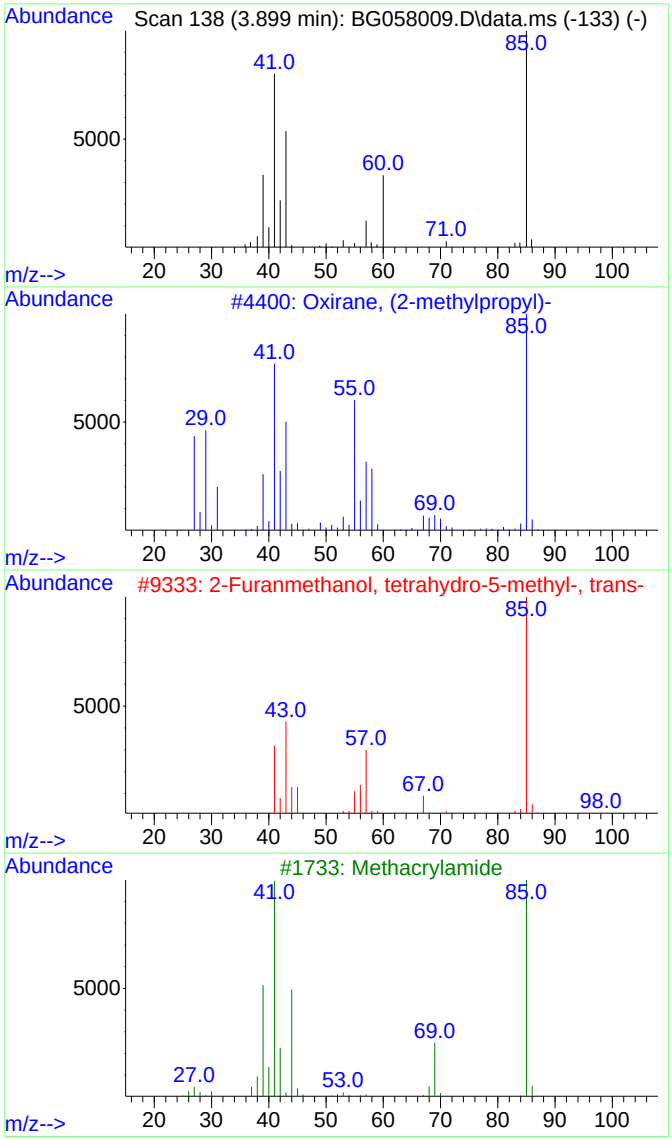
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

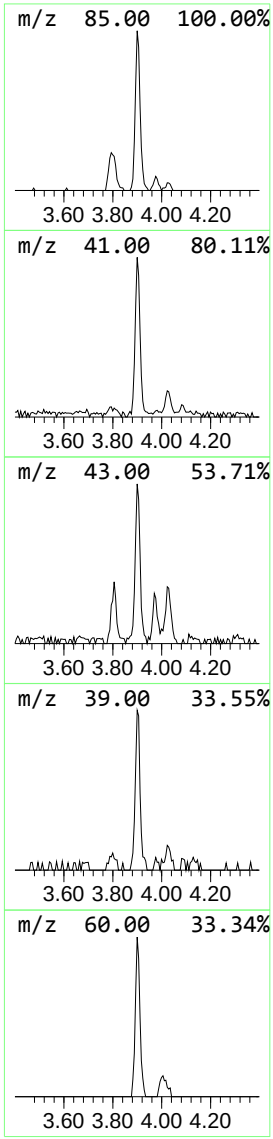
****

Peak Number 2 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.899	3.85 ng/ul	60812	1,4-Dichlorobenzene-d4	7.942

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	36
2	2-Furanmethanol, tetrahydro-5-me...	116	C6H12O2	054774-28-6	25
3	Methacrylamide	85	C4H7NO	000079-39-0	9
4	Butane, 2-nitro-	103	C4H9NO2	000600-24-8	9
5	2-Propyltetrahydropyran	128	C8H16O	003857-17-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058009.D
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

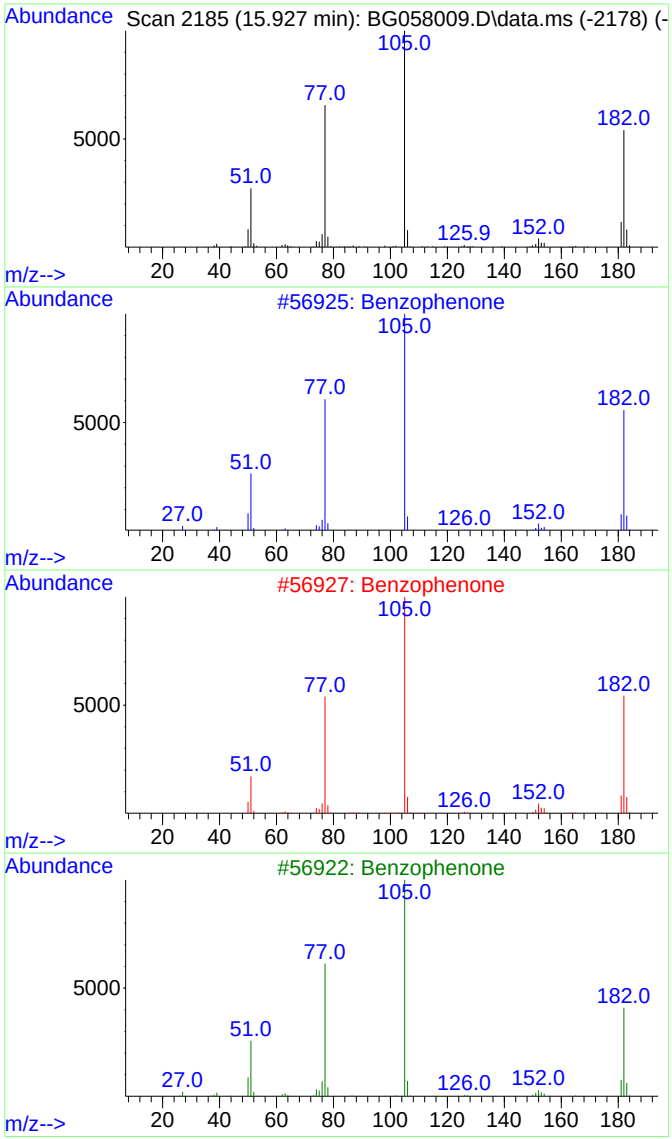
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

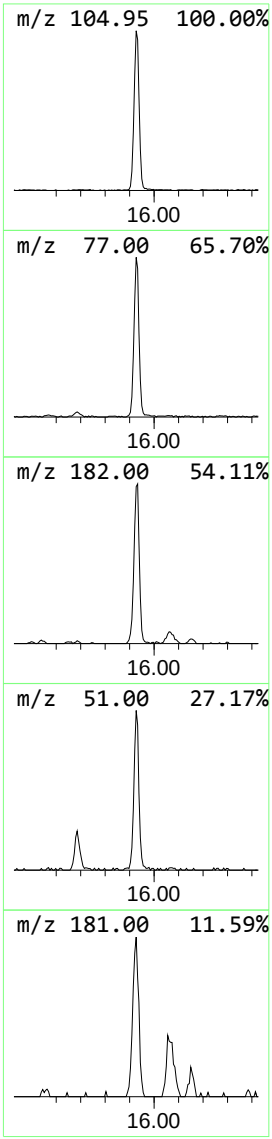
****

Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.927	8.43 ng/ul	281571	Acenaphthene-d10	14.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	94
5	Benzophenone	182	C13H10O	000119-61-9	91





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Sample : 03248-11
Misc :
ALS Vial : 68 Sample Multiplier: 1

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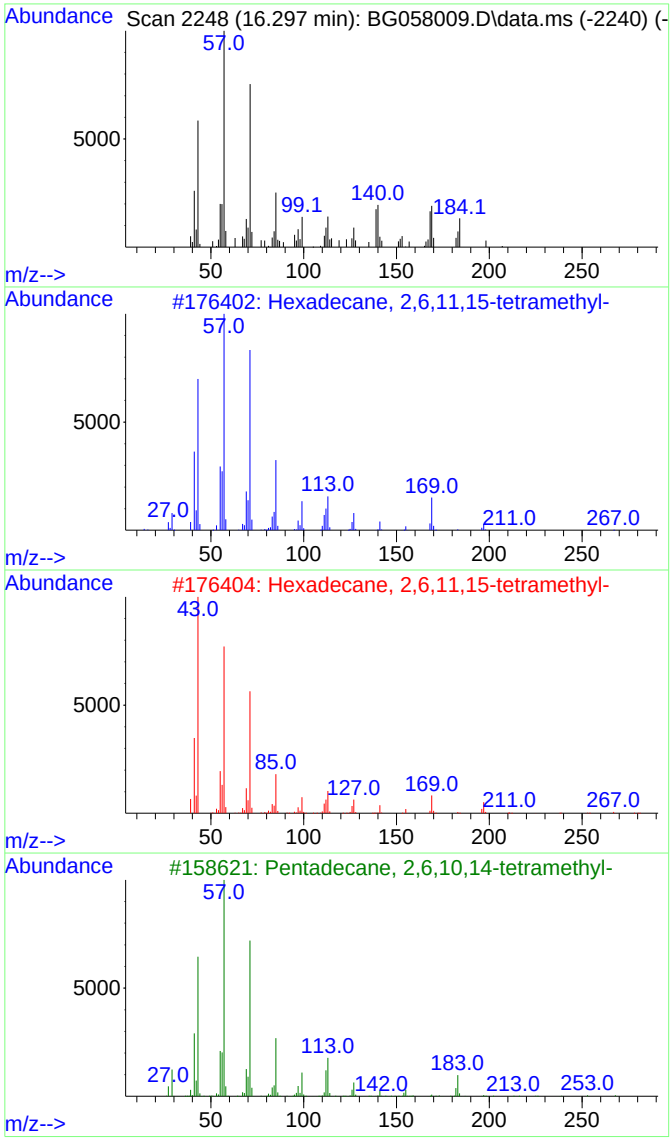
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

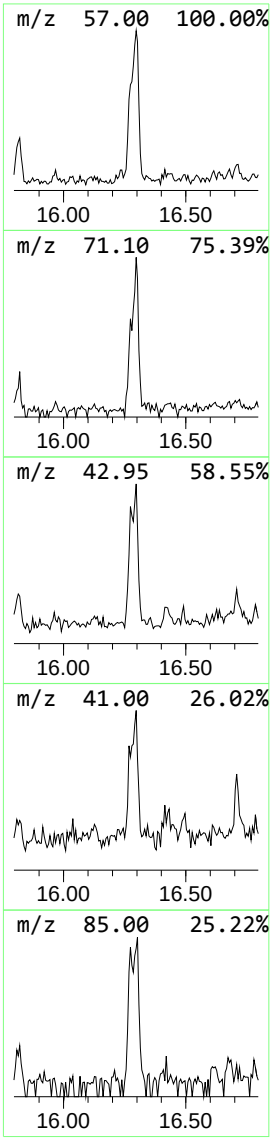
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.297	2.45 ng/ul	90949	Phenanthrene-d10	17.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	58
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	52
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	49
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	49
5	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058009.D
Acq On : 5 Jul 2023 6:52
Operator : CG/JU
Sample : 03248-11
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN9

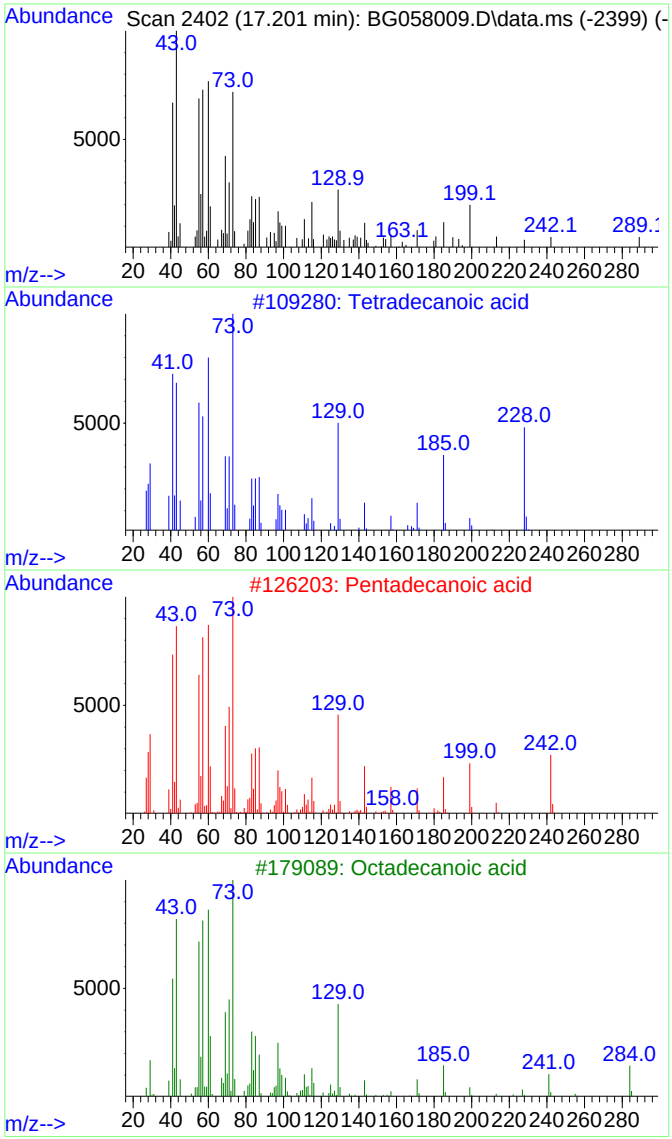
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

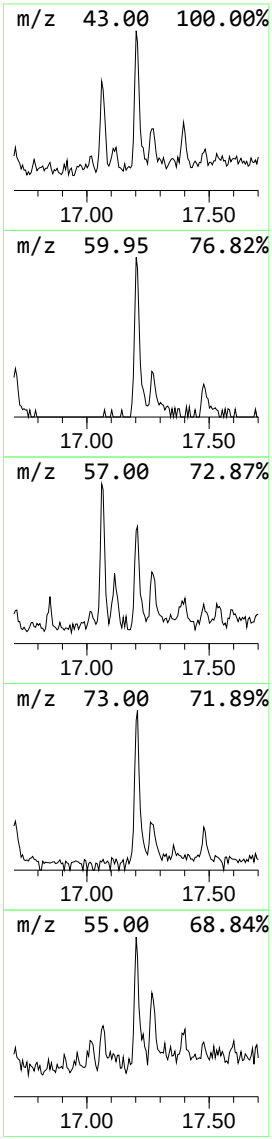
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Tetradecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.201	2.14 ng/ul	79256	Phenanthrene-d10	17.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Octadecanoic acid	284	C18H36O2	000057-11-4	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70





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Acq On : 5 Jul 2023 6:52
Operator : CG/JU
Sample : 03248-11
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN9

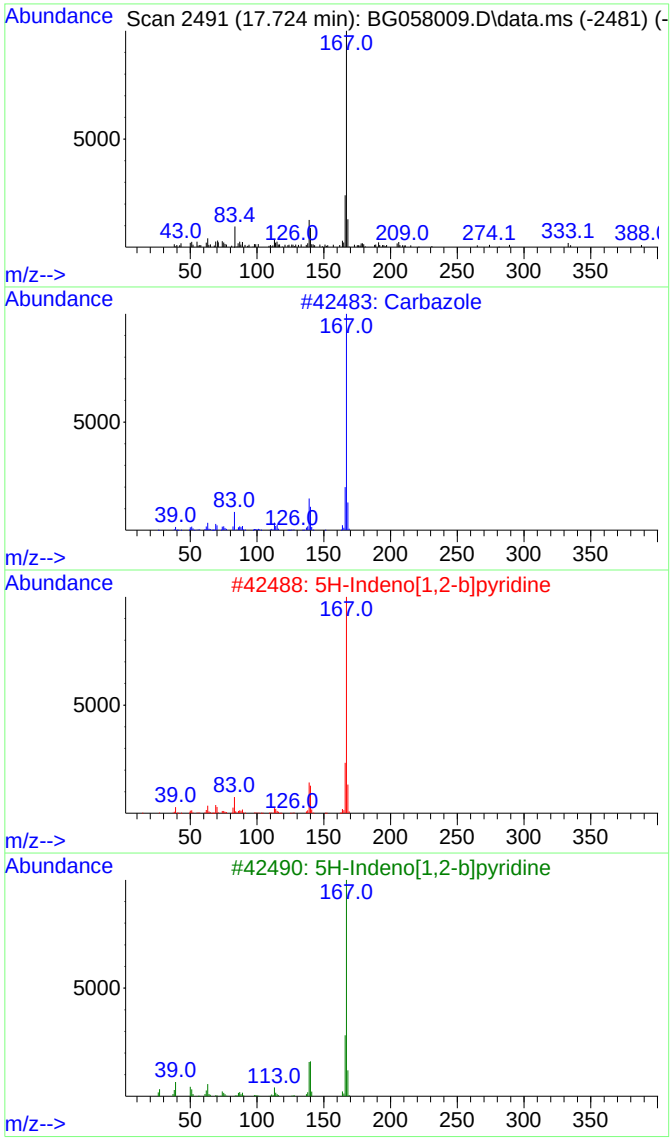
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

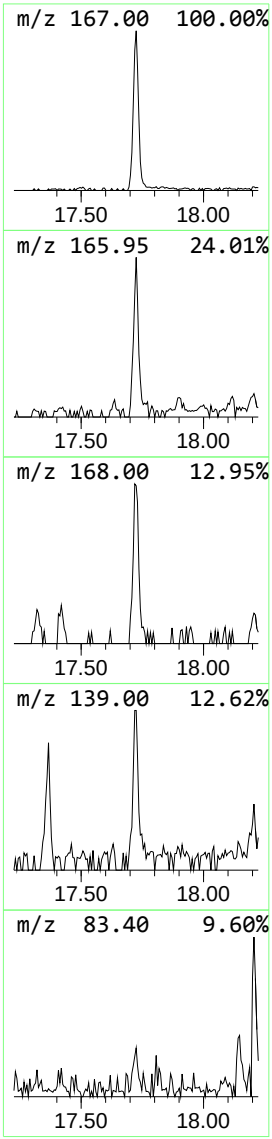
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Carba zole Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.724	2.99 ng/ul	110873	Phenanthrene-d10	17.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole	167	C12H9N	000086-74-8	94
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	91
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	87
4	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	83
5	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	83





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Sample : 03248-11
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN9

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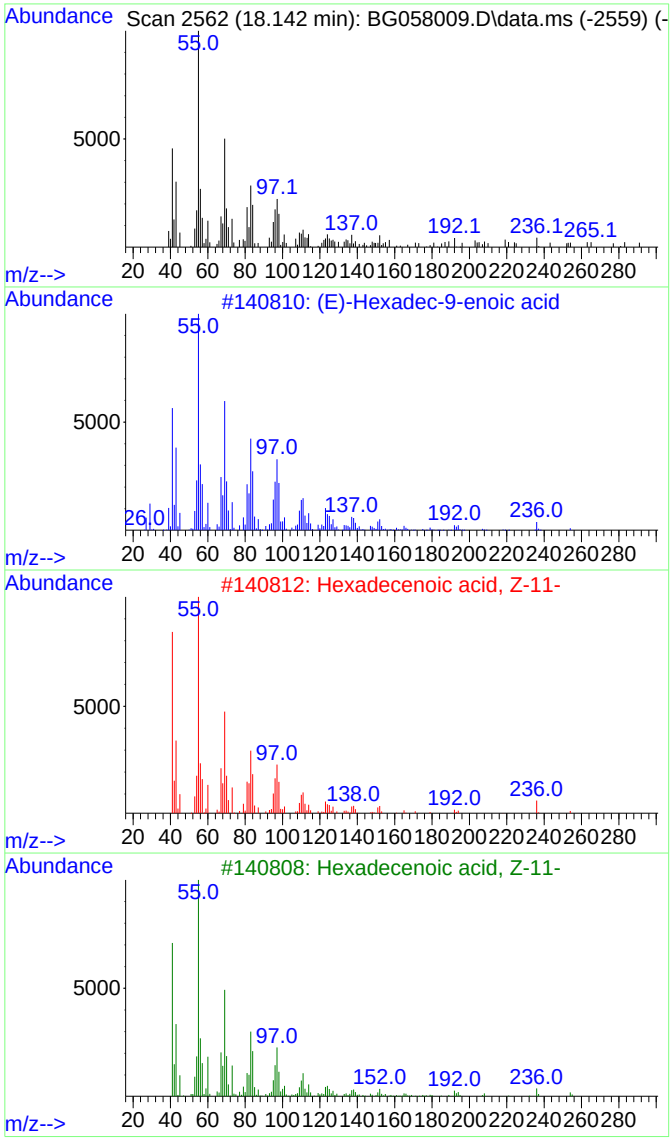
Quant Title : SVOA CALIBRATION

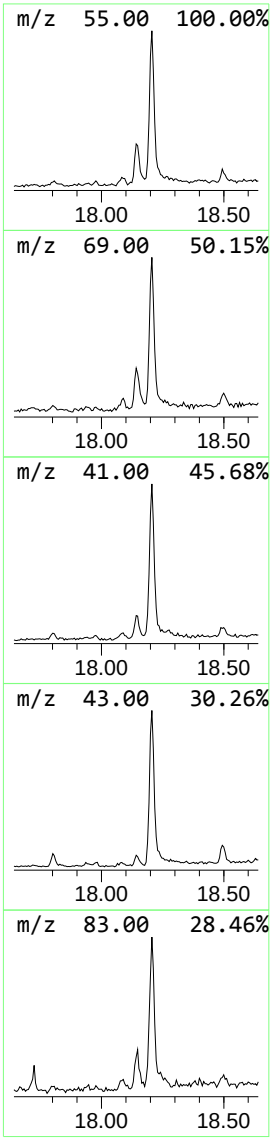
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (E)-Hexadec-9-enoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.142	2.39 ng/ul	88719	Phenanthrene-d10	17.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	95
2	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	95
3	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	93
4	Palmitoleic acid	254	C16H30O2	000373-49-9	91
5	14-Methylpentadec-6-enoic acid	254	C16H30O2	127486-79-7	90





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Misc :
ALS Vial : 68 Sample Multiplier: 1

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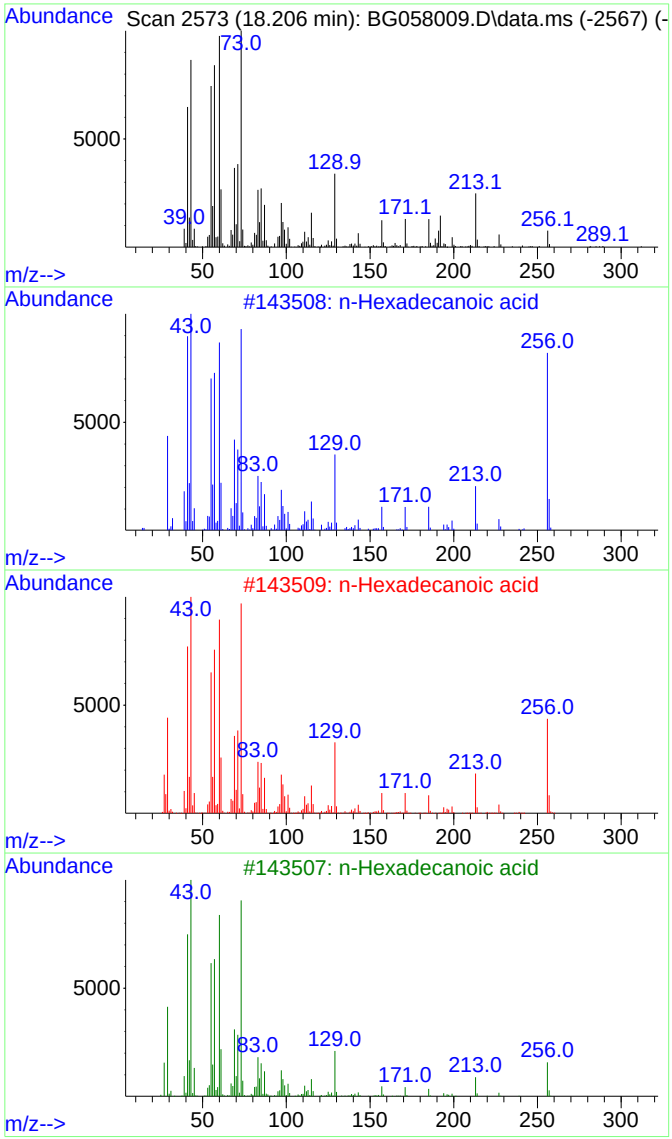
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

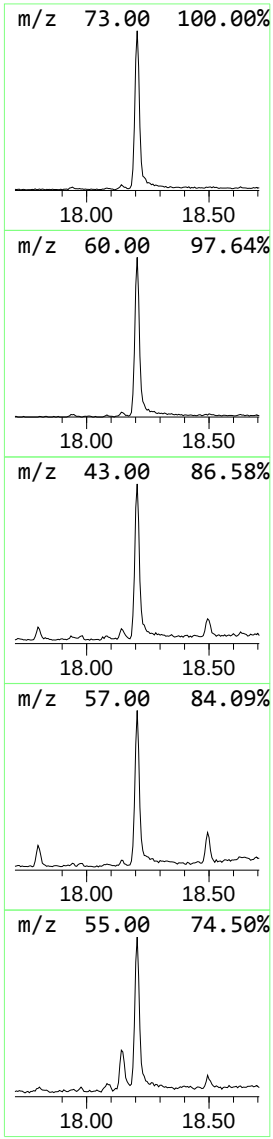
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.206	19.01 ng/ul	705375	Phenanthrene-d10	17.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	94
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93





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Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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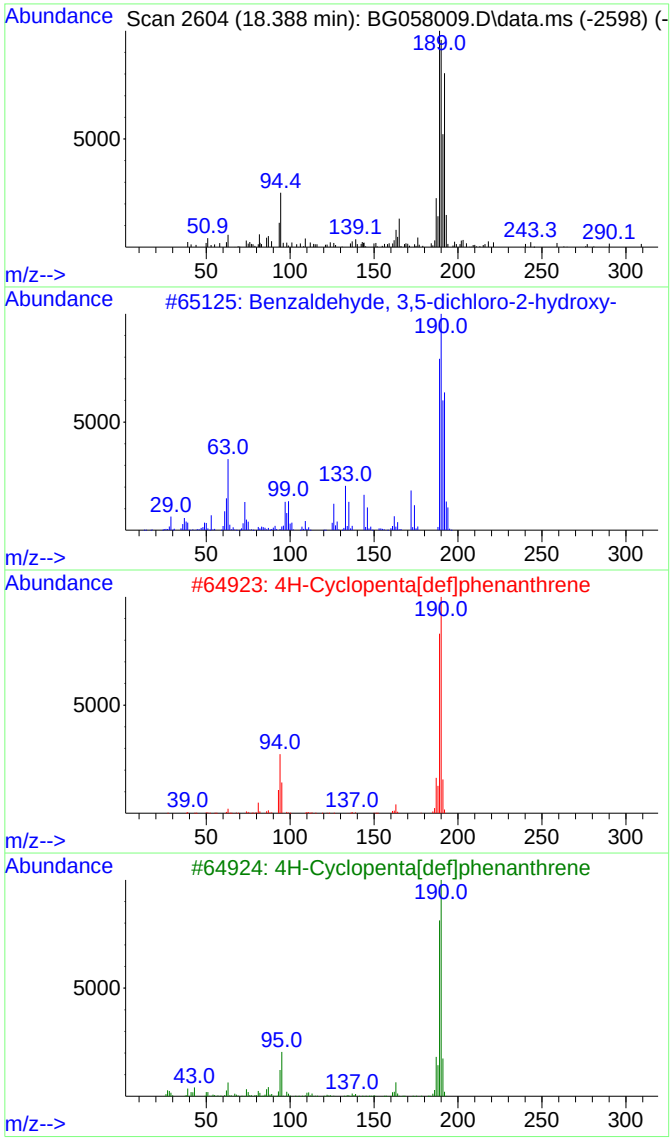
Quant Title : SVOA CALIBRATION

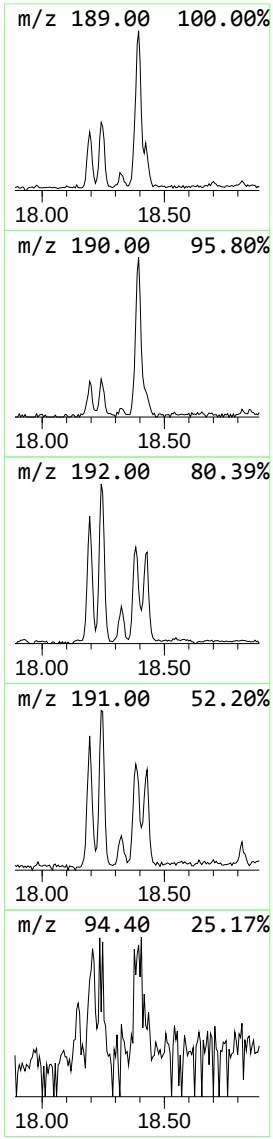
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzaldehyde, 3,5-dichloro-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.388	3.51 ng/ul	130359	Phenanthrene-d10	17.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42





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ALS Vial : 68 Sample Multiplier: 1

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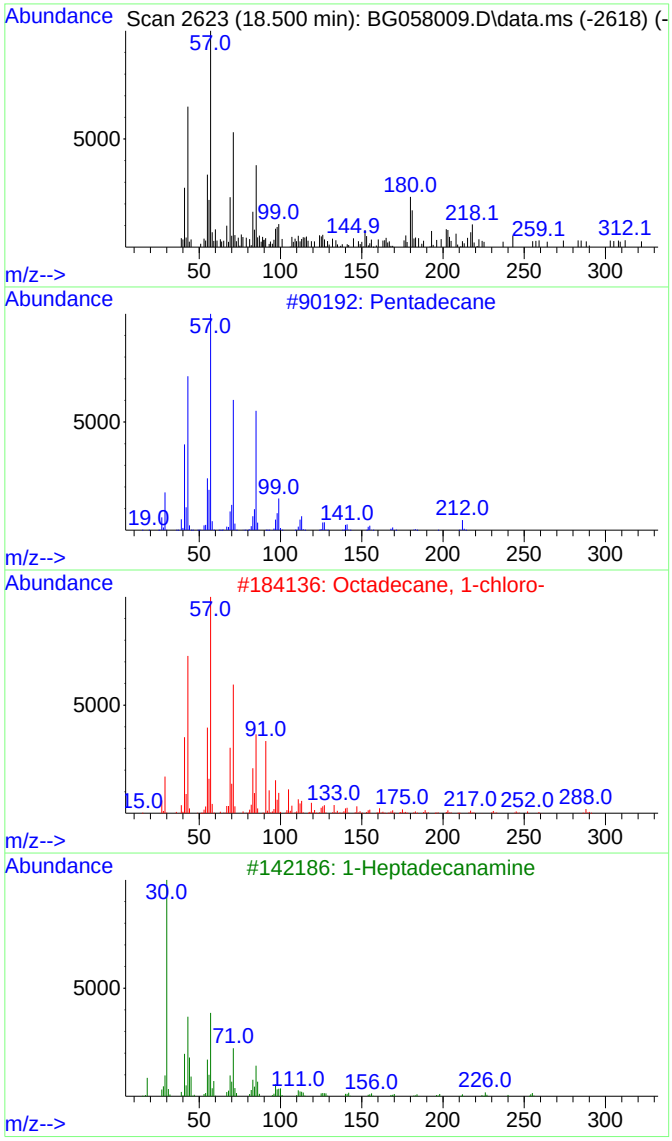
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

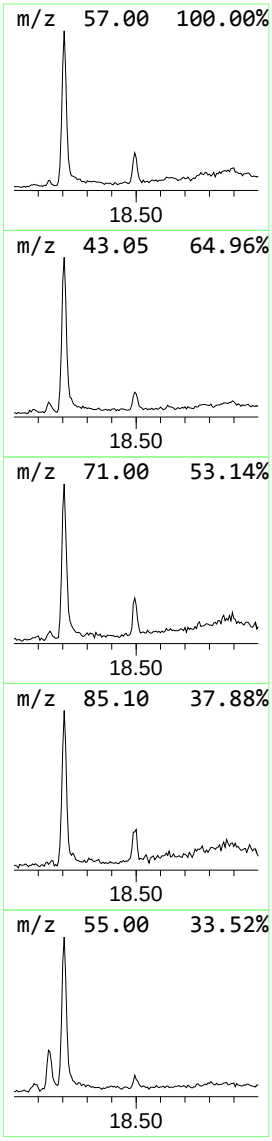
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.500	2.18 ng/ul	80731	Phenanthrene-d10	17.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	50
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	50
3	1-Heptadecanamine	255	C17H37N	004200-95-7	49
4	Pentadecane	212	C15H32	000629-62-9	45
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	43





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Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

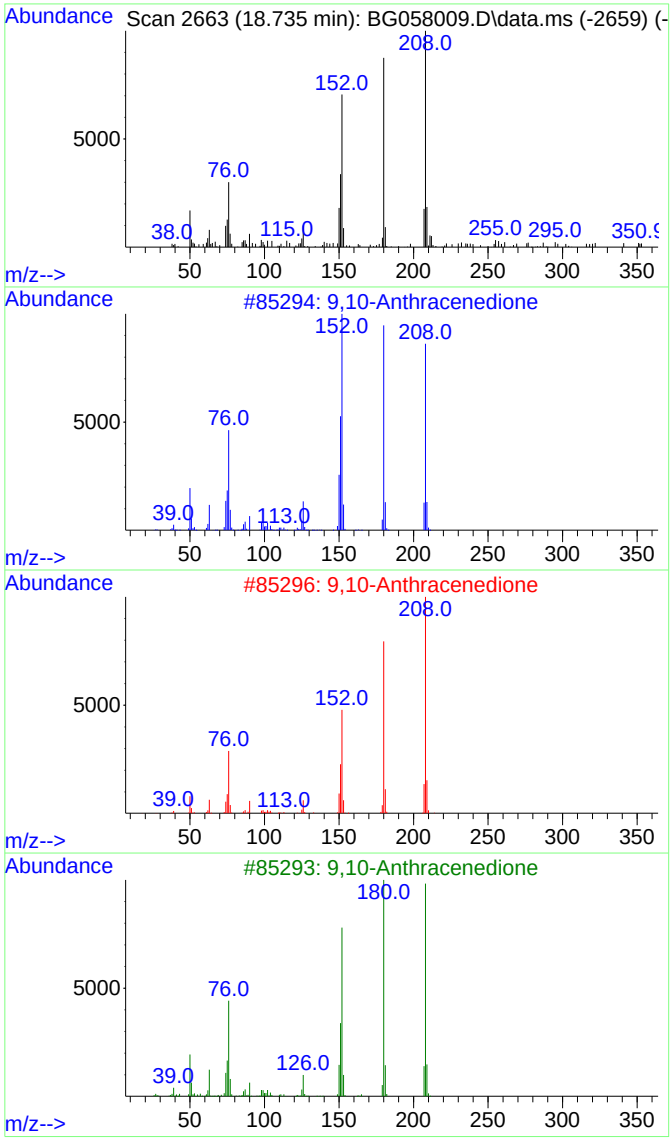
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

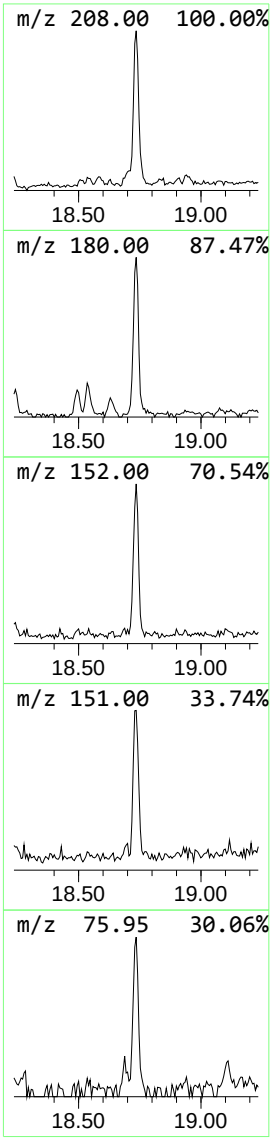
****

Peak Number 11 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.735	2.71 ng/ul	100399	Phenanthrene-d10	17.319

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	94
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60





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Operator : CG/JU
Sample : 03248-11
Misc :
ALS Vial : 68 Sample Multiplier: 1

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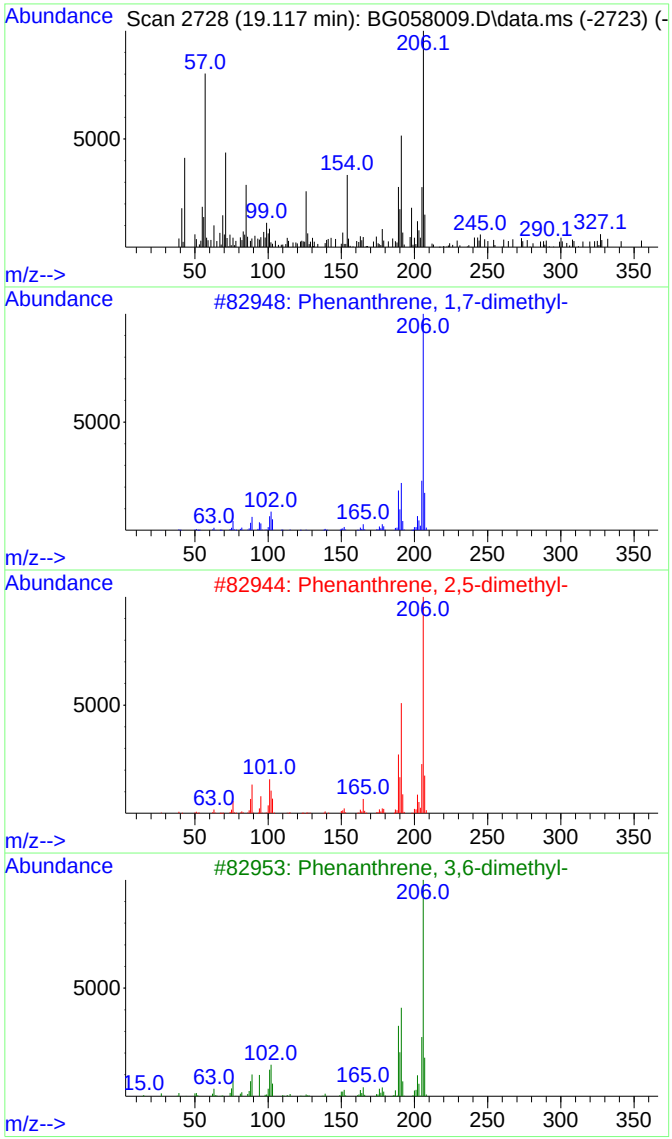
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

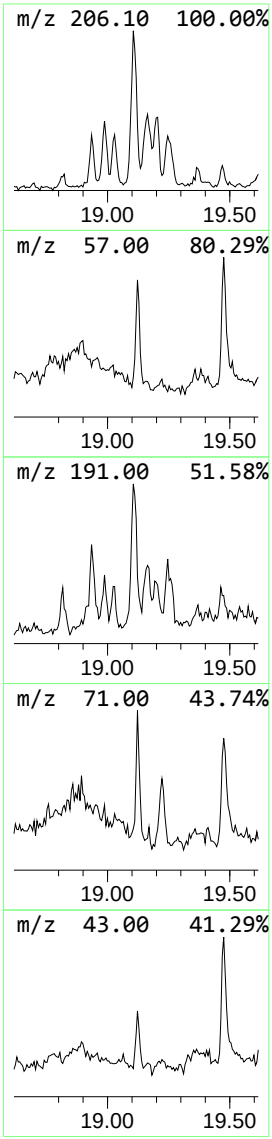
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 1,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.117	2.50 ng/ul	92938	Phenanthrene-d10	17.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	64
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	55
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	50
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	49
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	46





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Sample : 03248-11
Misc :
ALS Vial : 68 Sample Multiplier: 1

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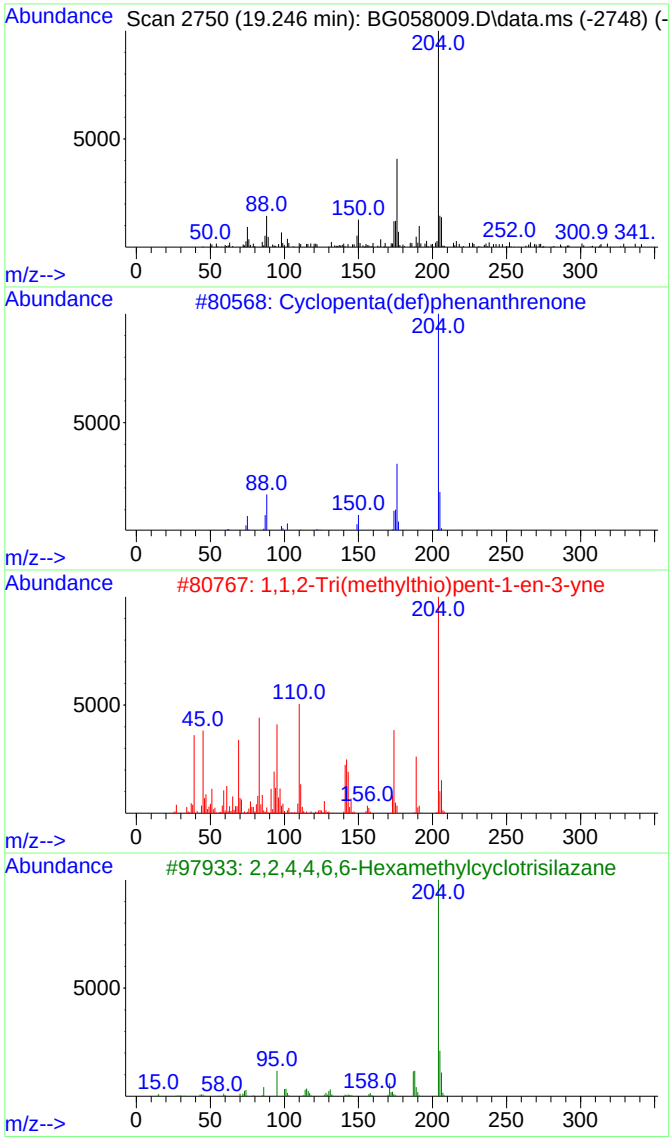
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

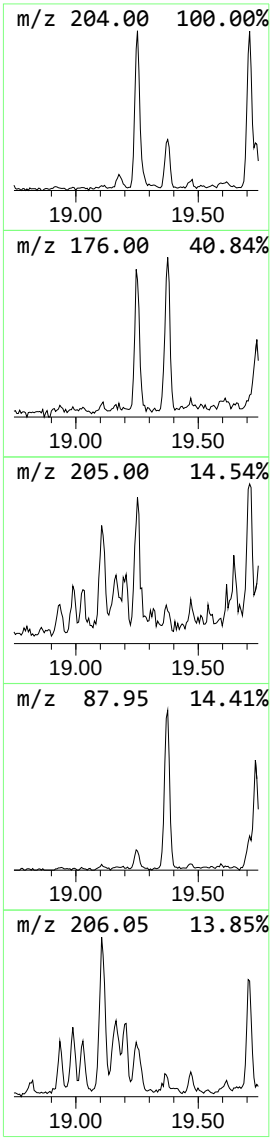
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.246	2.91 ng/ul	108023	Phenanthrene-d10	17.319

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	1,1,2-Tri(methylthio)pent-1-en-3...	204	C8H12S3	1000250-48-0	43
3	2,2,4,4,6,6-Hexamethylcyclotrisi...	219	C6H21N3Si3	001009-93-4	43
4	3'-Carboxybenzo[1',2',-b]-1,4-di...	204	C11H12N2O2	138023-41-3	43
5	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	43





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ALS Vial : 68 Sample Multiplier: 1

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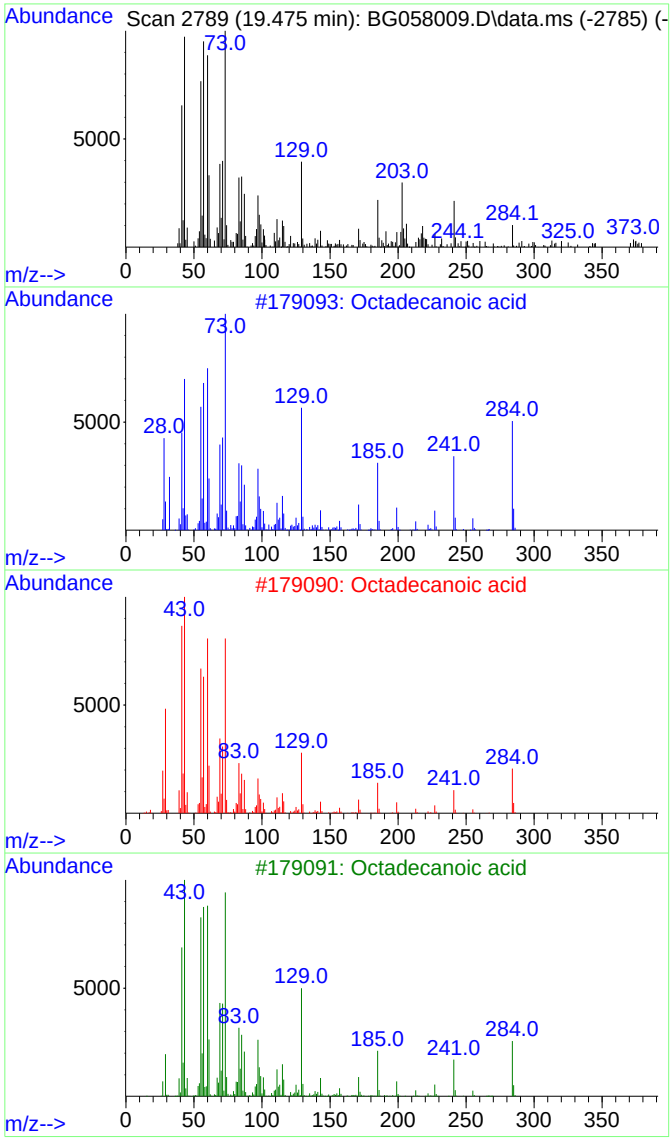
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

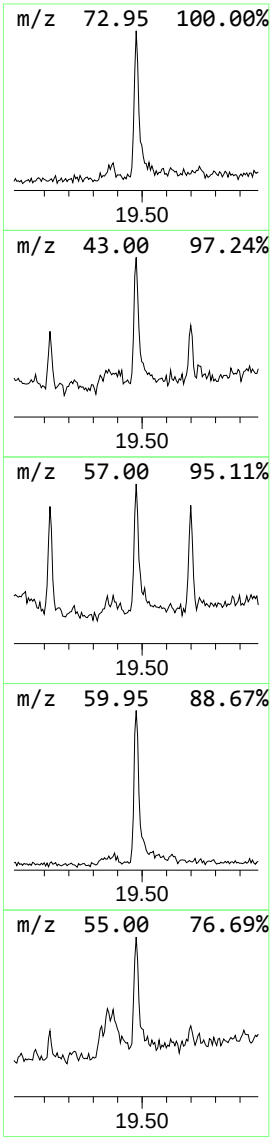
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.475	2.59 ng/ul	188778	Chrysene-d12	21.579

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	96
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





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ALS Vial : 68 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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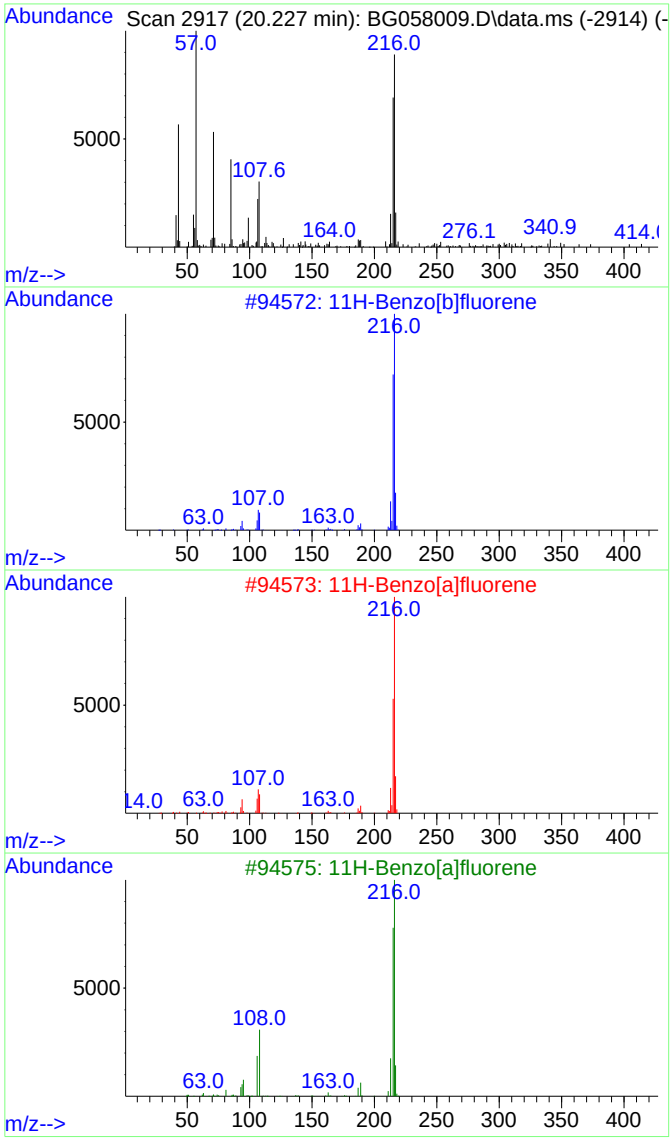
Quant Title : SVOA CALIBRATION

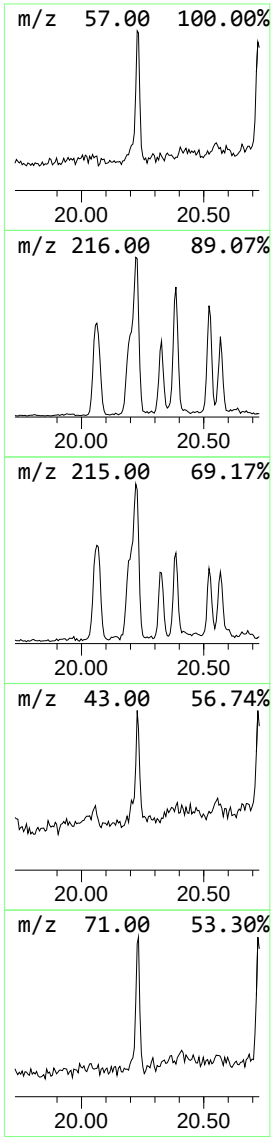
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.227	2.49 ng/ul	181051	Chrysene-d12	21.579

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	45
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	43
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	43
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	38
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	38





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ALS Vial : 68 Sample Multiplier: 1

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ClientSampleId :
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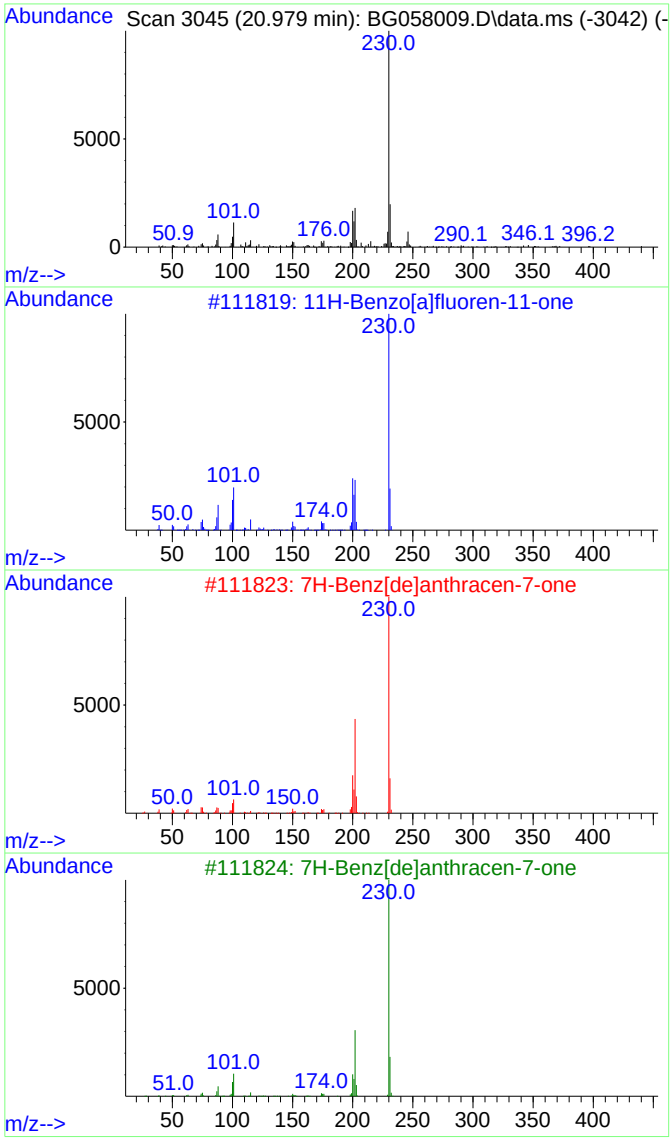
Quant Title : SVOA CALIBRATION

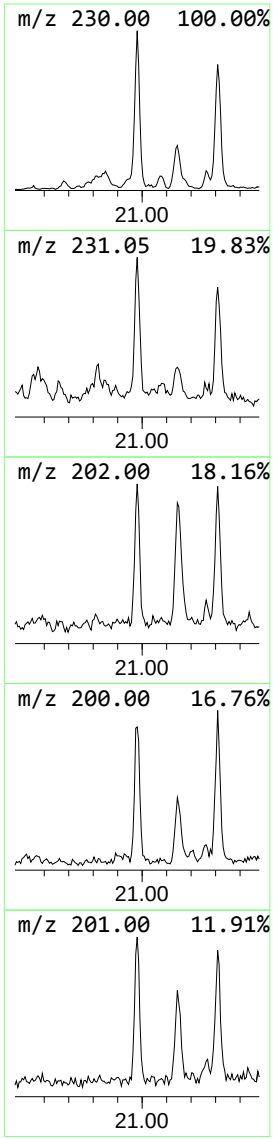
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.979	2.36 ng/ul	171990	Chrysene-d12	21.579

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	93
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	83
5	benzonitrile, 2-(3-isoquinolinyl)-	230	C16H10N2	1000401-00-3	80





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Acq On : 5 Jul 2023 6:52
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ALS Vial : 68 Sample Multiplier: 1

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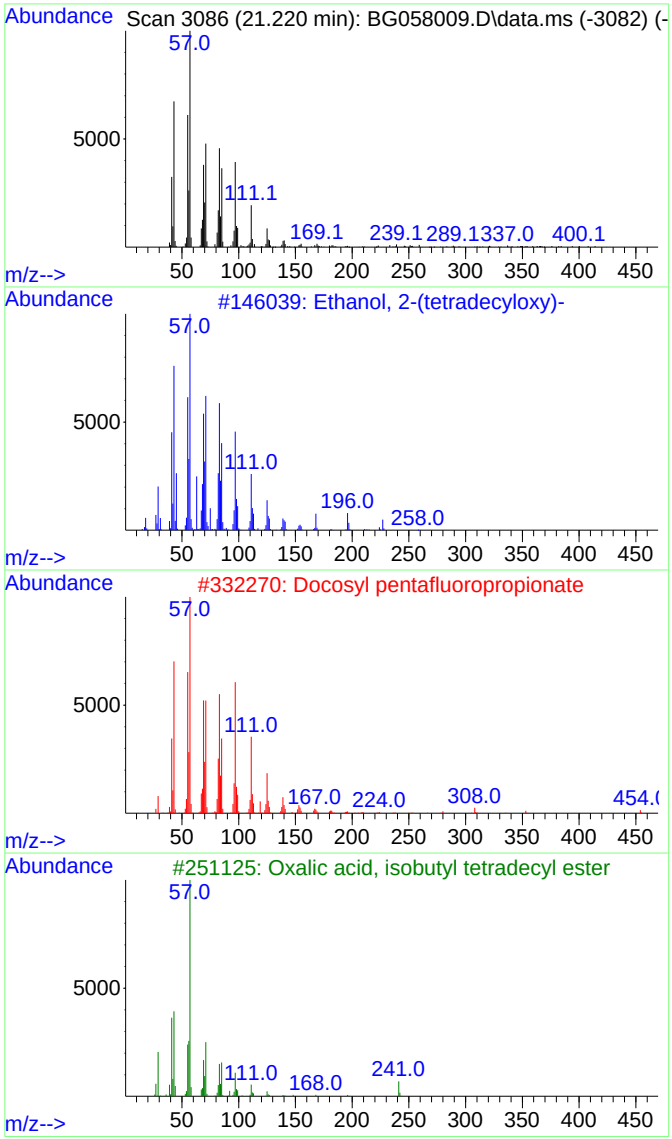
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

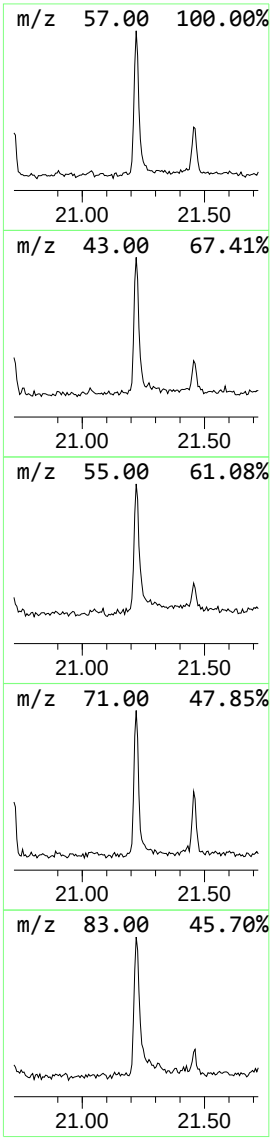
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Ethanol, 2-(tetradecyloxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.220	4.74 ng/ul	345031	Chrysene-d12	21.579

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91
3	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91
4	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91
5	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058009.D
Acq On : 5 Jul 2023 6:52
Operator : CG/JU
Sample : 03248-11
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN9

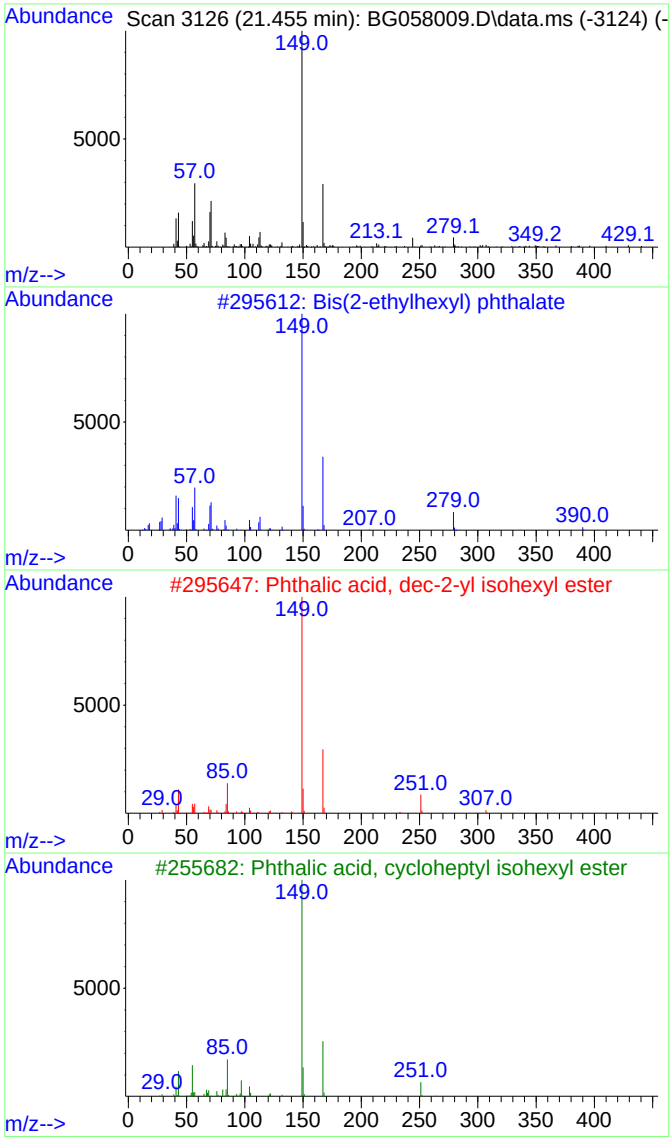
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

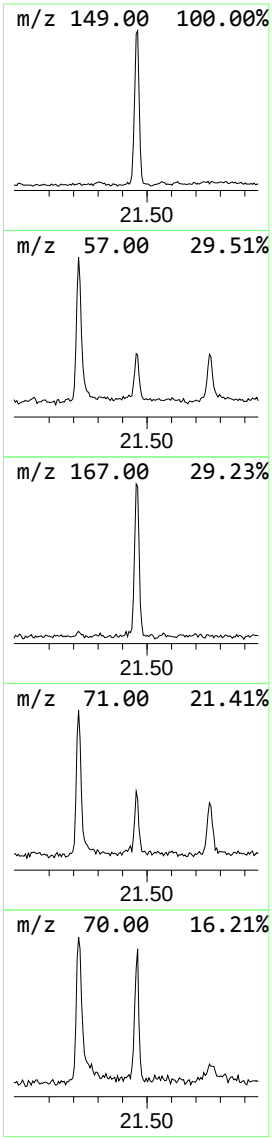
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Bis(2-ethylhexyl) phthalate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.455	2.21 ng/ul	160670	Chrysene-d12	21.579

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	64
2	Phthalic acid, dec-2-yl isohexyl...	390	C24H38O4	1000356-94-1	59
3	Phthalic acid, cycloheptyl isohe...	346	C21H30O4	1000322-83-1	58
4	Phthalic acid, phenyl tridecyl e...	424	C27H36O4	1000314-87-8	53
5	Dicyclohexyl phthalate	330	C20H26O4	000084-61-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058009.D
Acq On : 5 Jul 2023 6:52
Operator : CG/JU
Sample : 03248-11
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN9

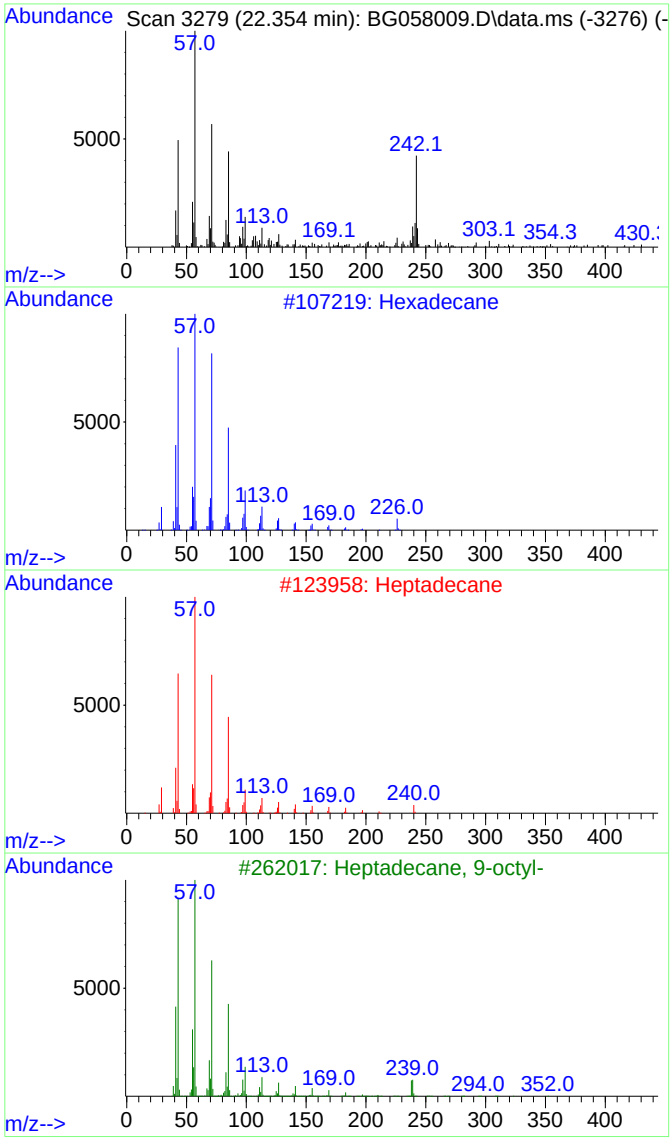
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

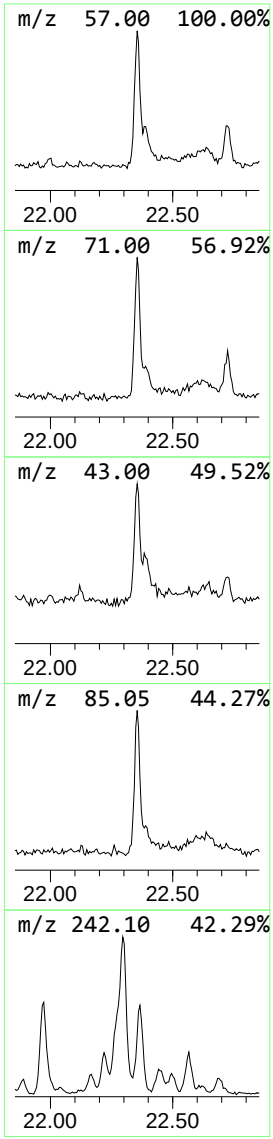
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.354	2.89 ng/ul	210613	Chrysene-d12	21.579

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	55
2	Heptadecane	240	C17H36	000629-78-7	55
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	53
4	Hexadecane	226	C16H34	000544-76-3	50
5	Octacosane	394	C28H58	000630-02-4	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058009.D
Acq On : 5 Jul 2023 6:52
Operator : CG/JU
Sample : 03248-11
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN9

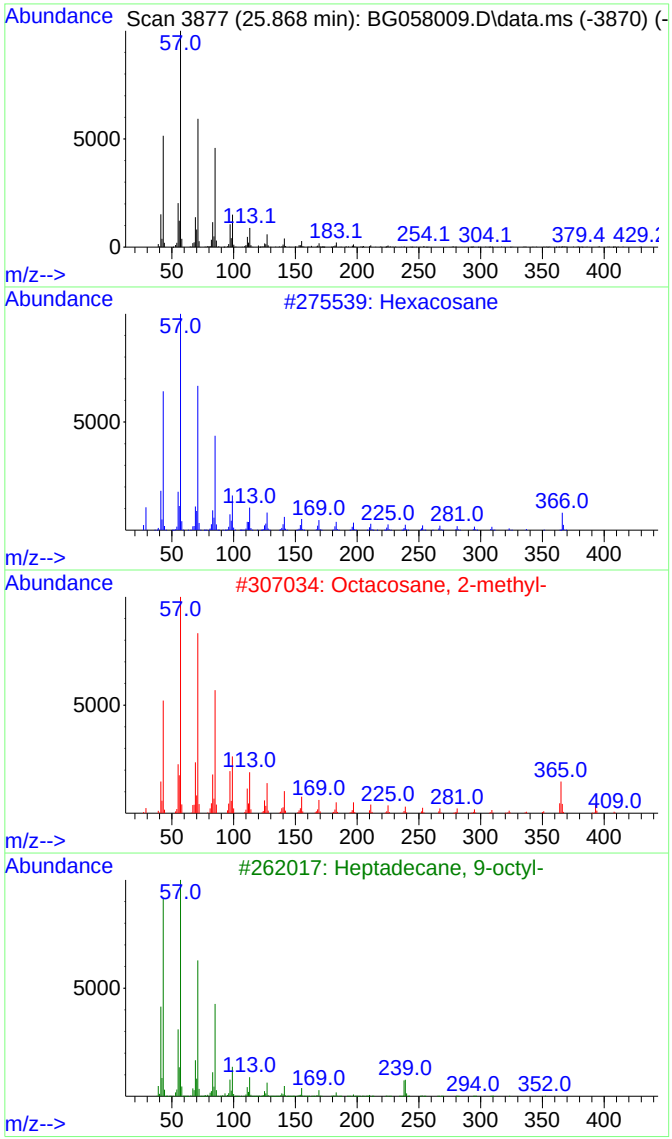
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

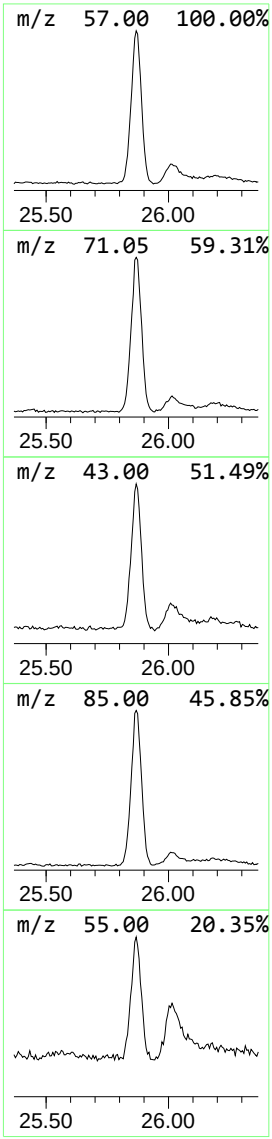
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.868	33.12 ng/ul	1109780	Perylene-d12	24.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058009.D
Acq On : 5 Jul 2023 6:52
Operator : CG/JU
Sample : 03248-11
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN9

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...	3.118	164.5	ng/ul	2596820	1	7.942	315782	20.0
unknown-01	3.899	3.9	ng/ul	60812	1	7.942	315782	20.0
Benzophenone	15.927	8.4	ng/ul	281571	3	14.575	668183	20.0
(DEL) Alkane: S...	16.297	2.5	ng/ul	90949	4	17.319	742056	20.0
Tetradecanoic acid	17.201	2.1	ng/ul	79256	4	17.319	742056	20.0
Carba zole	17.724	3.0	ng/ul	110873	4	17.319	742056	20.0
(E)-Hexadec-9-e...	18.142	2.4	ng/ul	88719	4	17.319	742056	20.0
n-Hexadecanoic ...	18.206	19.0	ng/ul	705375	4	17.319	742056	20.0
Benzaldehyde, 3...	18.388	3.5	ng/ul	130359	4	17.319	742056	20.0
(DEL) Alkane: S...	18.500	2.2	ng/ul	80731	4	17.319	742056	20.0
9,10-Anthracene...	18.735	2.7	ng/ul	100399	4	17.319	742056	20.0
Phenanthrene, 1...	19.117	2.5	ng/ul	92938	4	17.319	742056	20.0
Cyclopenta(def)...	19.246	2.9	ng/ul	108023	4	17.319	742056	20.0
Octadecanoic acid	19.475	2.6	ng/ul	188778	5	21.579	1455740	20.0
11H-Benzo[b]flu...	20.227	2.5	ng/ul	181051	5	21.579	1455740	20.0
11H-Benzo[a]flu...	20.979	2.4	ng/ul	171990	5	21.579	1455740	20.0
Ethanol, 2-(tet...	21.220	4.7	ng/ul	345031	5	21.579	1455740	20.0
Bis(2-ethylhexy...	21.455	2.2	ng/ul	160670	5	21.579	1455740	20.0
(DEL) Alkane: S...	22.354	2.9	ng/ul	210613	5	21.579	1455740	20.0
(DEL) Alkane: S...	25.868	33.1	ng/ul	1109780	6	24.751	670200	20.0