LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058006.D
Acq On : 5 Jul 2023 4:46
Operator : CG/JU
Sample : 03248-09
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN7

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: BG058006.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.378	44	49	53	rBV	12633	18447	0.55%	0.049%
2	3.789	114	119	131	rBV	130615	222621	6.59%	0.592%
3	3.901	133	138	145	rVB	23726	36547	1.08%	0.097%
4	4.024	154	159	166	rVB	14059	23315	0.69%	0.062%
5	7.103	676	683	694	rBV	209078	378603	11.21%	1.008%
6	7.267	704	711	721	rBV	168656	272426	8.07%	0.725%
7	7.473	739	746	756	rBV	210727	357896	10.60%	0.952%
8	7.943	817	826	832	rBV	196715	331846	9.83%	0.883%
9	8.648	938	946	957	rBV	253581	443021	13.12%	1.179%
10	9.101	1015	1023	1031	rBV	205909	361514	10.70%	0.962%
11	9.823	1136	1146	1157	rVB	164222	293846	8.70%	0.782%
12	10.364	1231	1238	1248	rBV	262335	470253	13.92%	1.252%
13	10.746	1293	1303	1309	rBV	311889	549290	16.26%	1.462%
14	10.799	1309	1312	1316	rVV	14599	21765	0.64%	0.058%
15	10.881	1318	1326	1339	rBV	88500	181320	5.37%	0.483%
16	13.396	1748	1754	1760	rBV4	8003	14595	0.43%	0.039%
17	13.460	1760	1765	1768	rBV	10235	15832	0.47%	0.042%
18	13.977	1844	1853	1859	rBV	458611	661568	19.59%	1.761%
19	14.271	1891	1903	1917	rBV	532739	930944	27.56%	2.478%
20	14.577	1946	1955	1961	rVV	476432	756240	22.39%	2.013%
21	14.641	1961	1966	1974	rVB7	8470	20540	0.61%	0.055%
22	14.776	1982	1989	2000	rBV	176895	314853	9.32%	0.838%
23	14.917	2009	2013	2018	rVB5	11450	16196	0.48%	0.043%
24	14.976	2018	2023	2027	rVV3	15417	22385	0.66%	0.060%
25	15.564	2116	2123	2130	rBV	681969	1073262	31.78%	2.856%
26	15.681	2137	2143	2151	rVB	195334	271623	8.04%	0.723%
27	15.810	2159	2165	2174	rBV9	6001	14641	0.43%	0.039%
28	15.928	2178	2185	2190	rBV	194548	286284	8.48%	0.762%
29	16.292	2240	2247	2259	rVB8	18262	51949	1.54%	0.138%
30	16.416	2259	2268	2273	rBV7	11965	26676	0.79%	0.071%
31	16.492	2276	2281	2285	rVB4	9758	14159	0.42%	0.038%
32	16.703	2314	2317	2326	rBV6	10872	18277	0.54%	0.049%
33	16.850	2337	2342	2345	rBV3	8983	13592	0.40%	0.036%
34	16.968	2357	2362	2367	rBV3	13050	25842	0.77%	0.069%
35	17.062	2374	2378	2382	rVB5	11873	16028	0.47%	0.043%
36	17.203	2397	2402	2409	rBV	48092	77103	2.28%	0.205%

LSC Area Percent Report

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Misc :
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Instrument :
BNA_G
ClientSampleId :
DCGN7

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	17.268	2409	2413	2416	rVV2	35230	49529	1.47%	0.132%
38	17.320	2416	2422	2426	rVV	564975	912604	27.02%	2.429%
39	17.362	2426	2429	2433	rVV	113358	162107	4.80%	0.431%
40	17.414	2433	2438	2447	rVV	673663	1066434	31.58%	2.838%
41	17.497	2447	2452	2458	rVB3	27907	48792	1.44%	0.130%
42	17.720	2483	2490	2492	rBV6	9670	19521	0.58%	0.052%
43	17.832	2507	2509	2515	rVB5	10587	15466	0.46%	0.041%
44	17.973	2530	2533	2540	rVB6	14029	21023	0.62%	0.056%
45	18.090	2548	2553	2558	rBV3	22575	36114	1.07%	0.096%
46	18.143	2558	2562	2567	rBV	67249	94380	2.79%	0.251%
47	18.202	2567	2572	2583	rBV2	547480	847374	25.09%	2.255%
48	18.390	2598	2604	2607	rBV3	43455	79387	2.35%	0.211%
49	18.496	2618	2622	2627	rBV3	33573	60701	1.80%	0.162%
50	18.543	2627	2630	2634	rVB2	16979	28100	0.83%	0.075%
51	18.689	2651	2655	2659	rVV	29135	35697	1.06%	0.095%
52	18.731	2659	2662	2667	rVB4	11464	14062	0.42%	0.037%
53	18.836	2677	2680	2682	rBV3	11321	16530	0.49%	0.044%
54	18.983	2702	2705	2708	rBV2	12917	15683	0.46%	0.042%
55	19.118	2721	2728	2733	rBV6	40625	108604	3.22%	0.289%
56	19.165	2733	2736	2740	rVB3	29323	39458	1.17%	0.105%
57	19.248	2745	2750	2757	rVB2	43564	90020	2.67%	0.240%
58	19.330	2760	2764	2766	rVV3	51081	67031	1.98%	0.178%
59	19.371	2766	2771	2779	rVB	881114	1251655	37.06%	3.331%
60	19.471	2784	2788	2792	rBV2	113386	150594	4.46%	0.401%
61	19.512	2793	2795	2801	rVB2	29383	46758	1.38%	0.124%
62	19.612	2809	2812	2821	rVB2	36797	69901	2.07%	0.186%
63	19.706	2822	2828	2830	rBV	918149	1403663	41.56%	3.736%
64	19.735	2830	2833	2839	rVB	697427	962407	28.50%	2.561%
65	19.800	2840	2844	2849	rVB2	36479	55976	1.66%	0.149%
66	19.859	2849	2854	2858	rBV	259927	344483	10.20%	0.917%
67	19.911	2859	2863	2867	rBV	25201	38146	1.13%	0.102%
68	19.970	2869	2873	2874	rBV3	18635	26972	0.80%	0.072%
69	20.047	2882	2886	2894	rVB4	70197	170862	5.06%	0.455%
70	20.205	2905	2913	2921	rBV5	186766	458268	13.57%	1.220%
71	20.282	2922	2926	2929	rBV6	32359	55312	1.64%	0.147%
72	20.323	2930	2933	2936	rVB	34819	36685	1.09%	0.098%
73	20.382	2937	2943	2947	rBV2	65313	123956	3.67%	0.330%
74	20.611	2978	2982	2989	rBV4	148825	336296	9.96%	0.895%
75	20.722	2997	3001	3005	rVB3	60405	75118	2.22%	0.200%
76	20.975	3040	3044	3052	rVB	116044	168553	4.99%	0.449%

LSC Area Percent Report

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Operator : CG/JU
Sample : 03248-09
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

77	21.157	3072	3075	3079	rVB	95301	121868	3.61%	0.324%
78	21.216	3079	3085	3095	rBV4	327181	669663	19.83%	1.782%
79	21.310	3096	3101	3107	rVV3	76812	170230	5.04%	0.453%
80	21.568	3137	3145	3150	rBV2	683541	1709538	50.62%	4.550%
81	21.615	3150	3153	3162	rVB	338091	579888	17.17%	1.543%
82	21.762	3174	3178	3183	rBV4	46130	82981	2.46%	0.221%
83	22.285	3263	3267	3273	rVB2	99586	186161	5.51%	0.495%
84	22.379	3274	3283	3292	rBV5	175916	525545	15.56%	1.399%
85	23.372	3448	3452	3467	rVB3	139649	284874	8.43%	0.758%
86	23.736	3506	3514	3521	rBV	371315	1180714	34.96%	3.142%
87	23.895	3535	3541	3551	rBV2	152270	393364	11.65%	1.047%
88	23.989	3552	3557	3571	rVB	87649	243825	7.22%	0.649%
89	24.453	3628	3636	3641	rBV2	176240	473246	14.01%	1.259%
90	24.530	3642	3649	3655	rVV2	418203	1124353	33.29%	2.992%
91	24.594	3655	3660	3674	rVB2	240547	649887	19.24%	1.730%
92	24.741	3677	3685	3694	rBV	381186	1086642	32.17%	2.892%
93	25.058	3734	3739	3746	rVB5	53536	130611	3.87%	0.348%
94	25.258	3770	3773	3783	rVB4	74073	177410	5.25%	0.472%
95	25.863	3867	3876	3886	rVB2	379146	1115934	33.04%	2.970%
96	25.993	3890	3898	3911	rBV3	225274	799943	23.69%	2.129%
97	27.967	4230	4234	4249	rVB4	149619	486600	14.41%	1.295%
98	28.807	4365	4377	4404	rBV2	416642	2269493	67.20%	6.040%
99	29.976	4566	4576	4610	rVB2	245332	1525184	45.16%	4.059%
100	32.215	4940	4957	4982	rVB6	578500	3377299	100.00%	8.988%

Sum of corrected areas: 37574774

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
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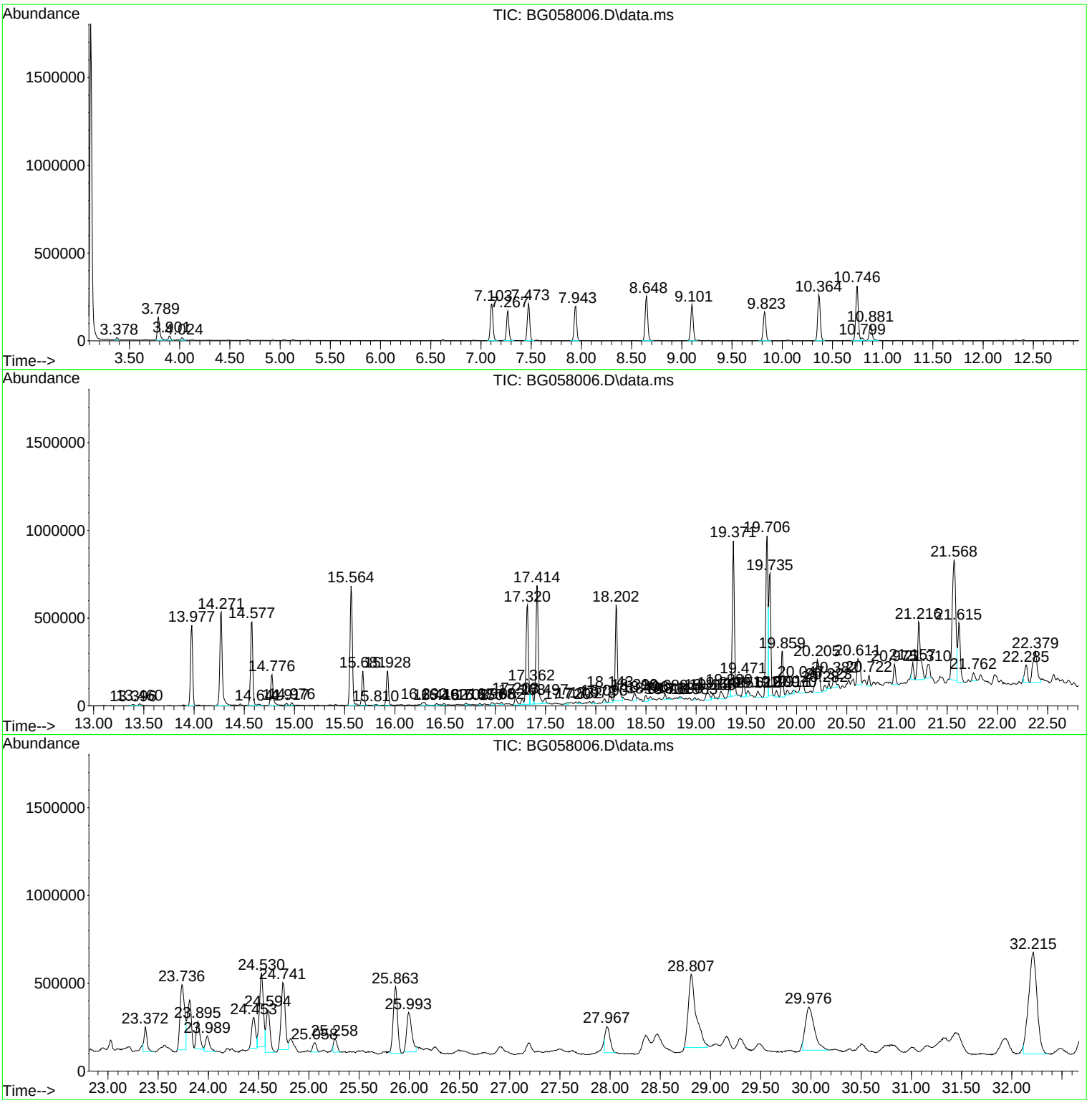
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN7

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 : BG058006.D
Acq On : 5 Jul 2023 4:46
Operator : CG/JU
Sample : 03248-09
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ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN7

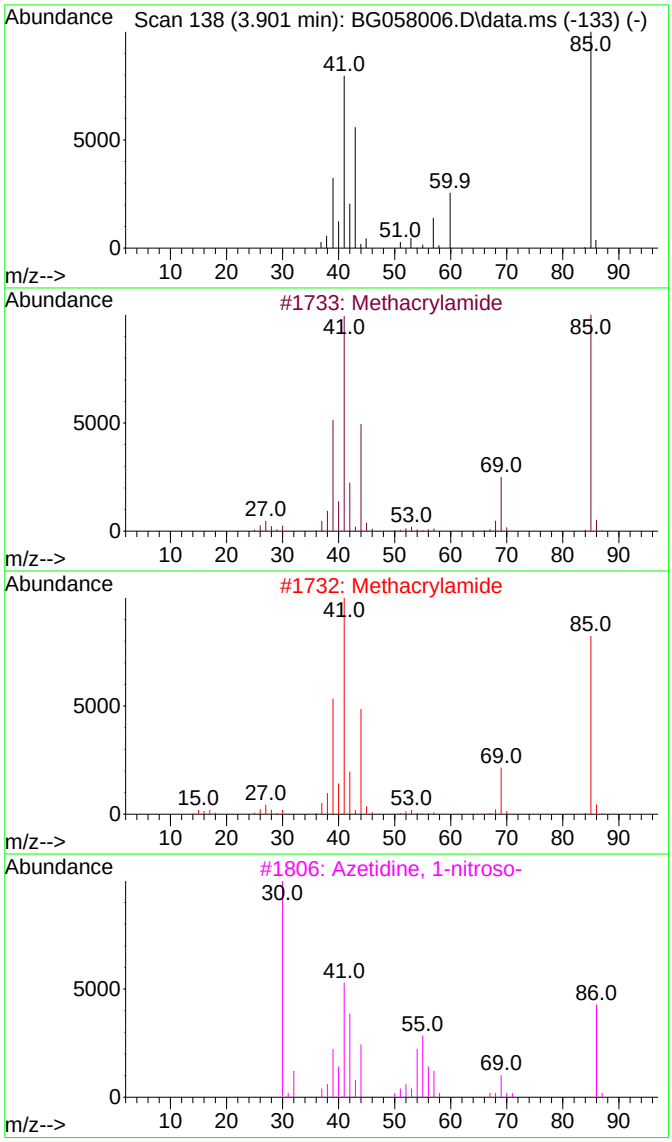
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

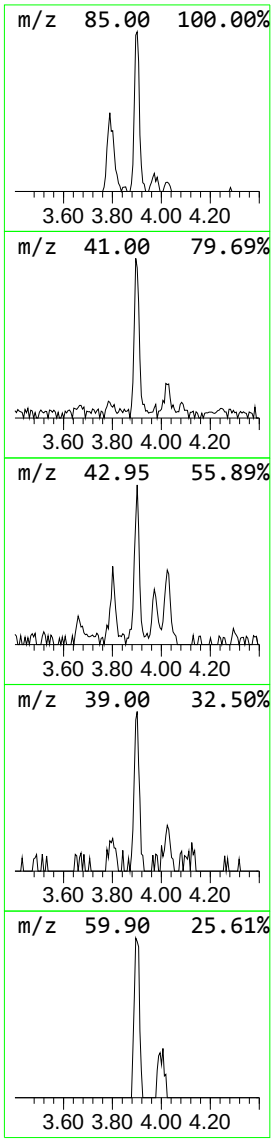
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.901	2.20 ng/ul	36547	1,4-Dichlorobenzene-d4	7.943

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	17
2	Methacrylamide	85	C4H7NO	000079-39-0	9
3	Azetidine, 1-nitroso-	86	C3H6N2O	015216-10-1	9
4	Isobutyl nitrite	103	C4H9NO2	000542-56-3	9
5	4-Methyl-1,6-heptadien-4-ol	126	C8H14O	025201-40-5	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058006.D
Acq On : 5 Jul 2023 4:46
Operator : CG/JU
Sample : 03248-09
Misc :
ALS Vial : 65 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

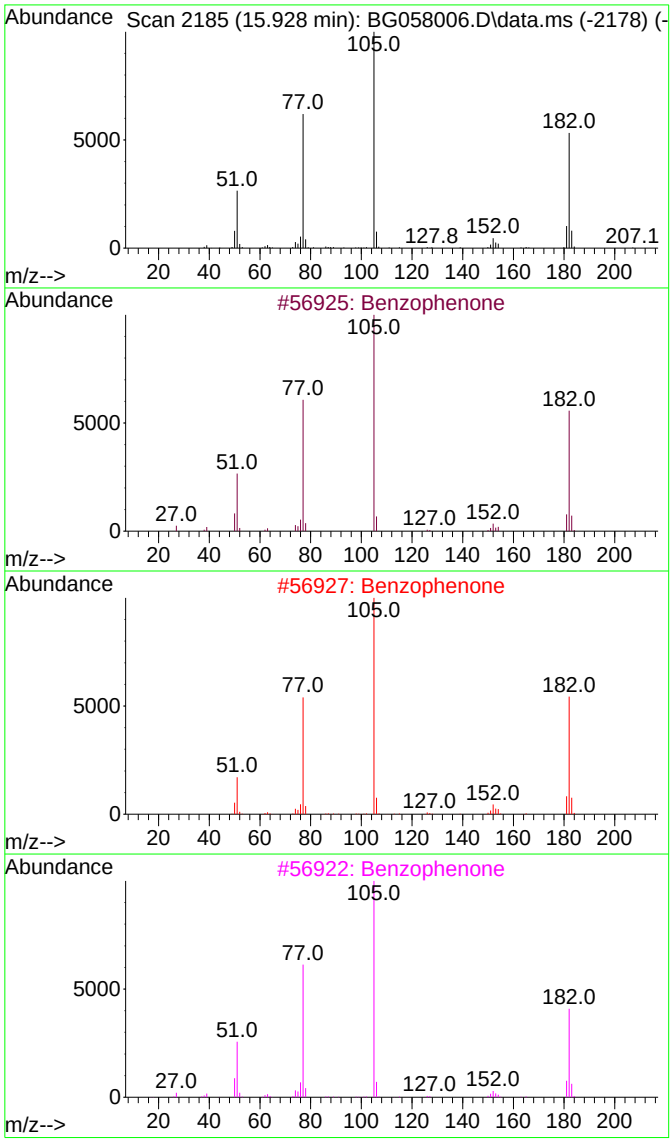
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

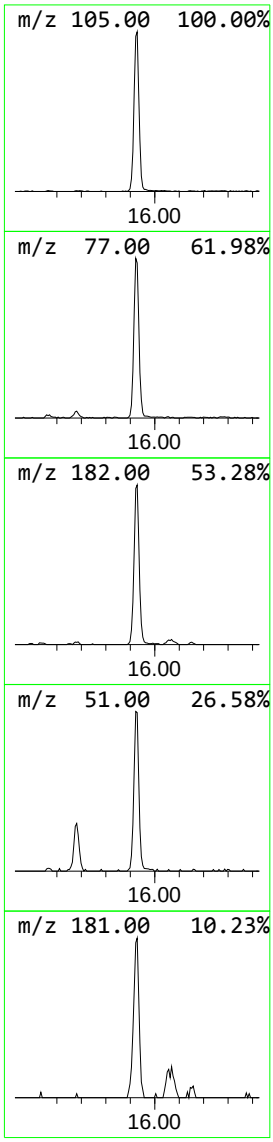
****

Peak Number 2 Benzophenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.928	7.57 ng/ul	286284	Acenaphthene-d10	14.577

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	90
5	N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
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ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN7

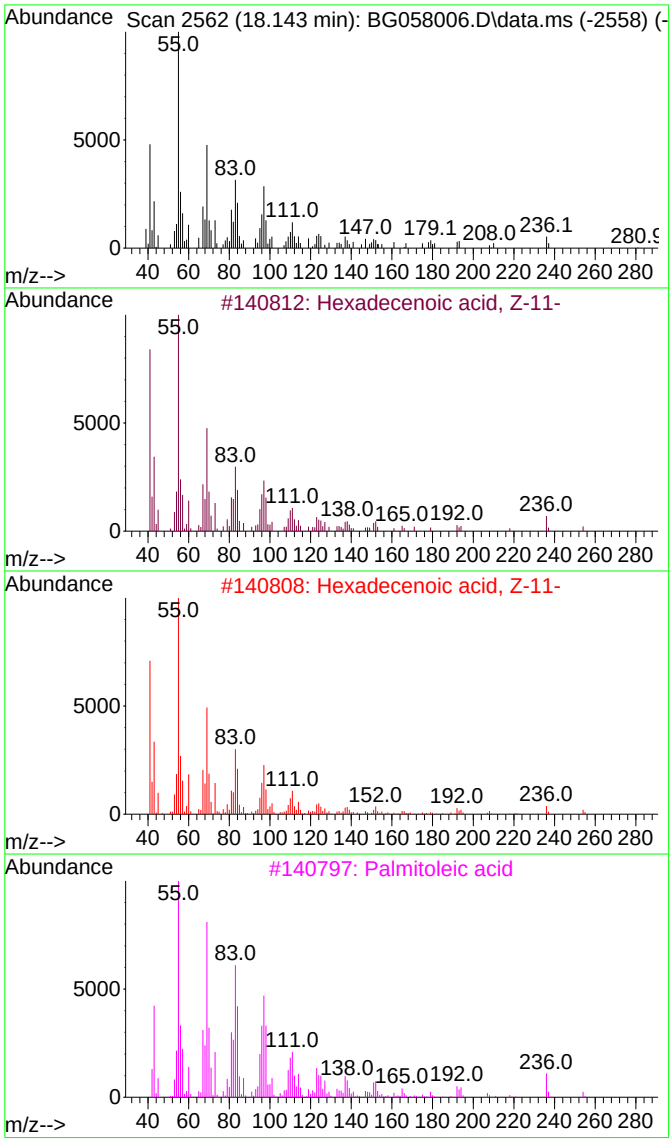
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

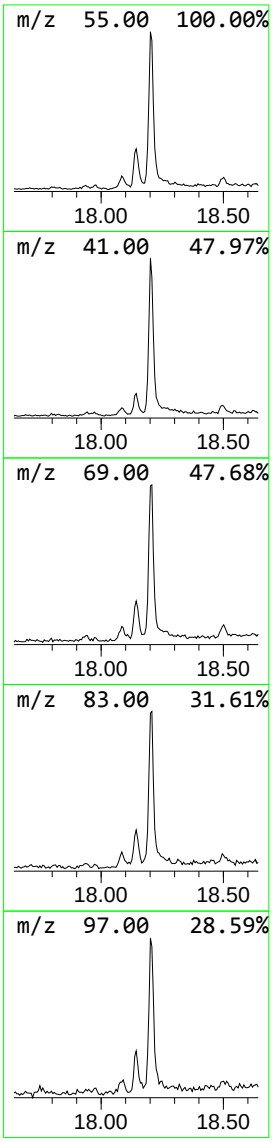
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Hexadecenoic acid, Z-11- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.143	2.07 ng/ul	94380	Phenanthrene-d10	17.320

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	90
2	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	90
3	Palmitoleic acid	254	C16H30O2	000373-49-9	87
4	Palmitoleic acid	254	C16H30O2	000373-49-9	74
5	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	72





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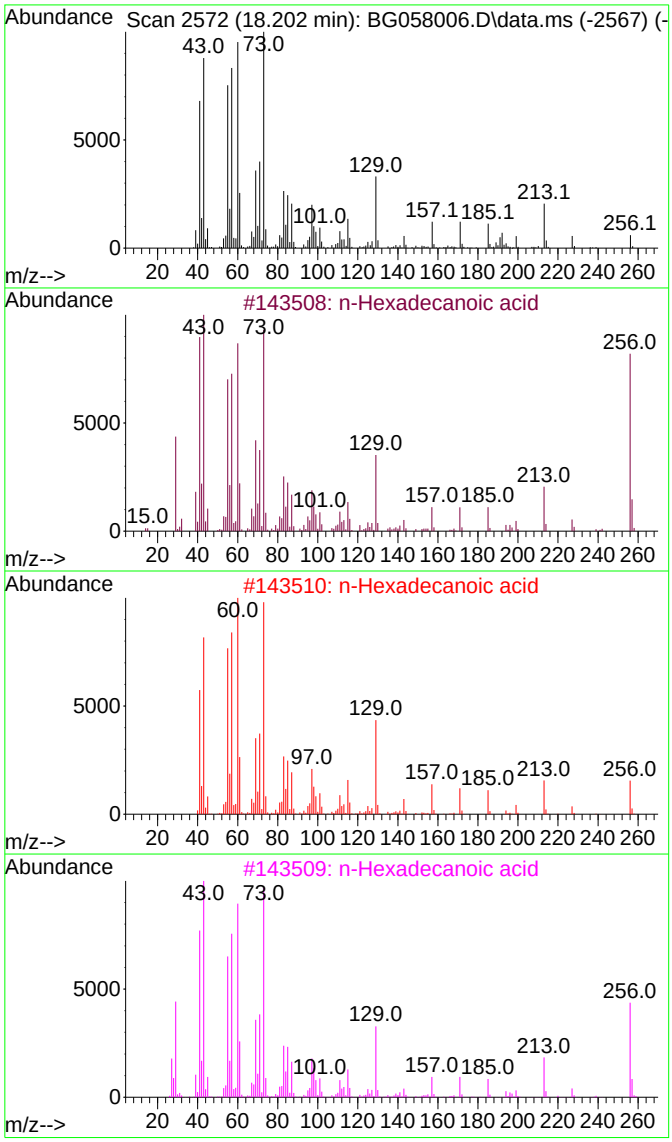
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

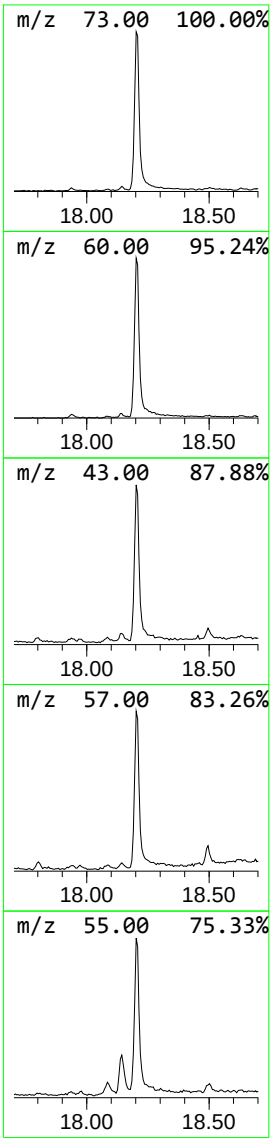
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.202	18.57 ng/ul	847374	Phenanthrene-d10	17.320

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	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058006.D
Acq On : 5 Jul 2023 4:46
Operator : CG/JU
Sample : 03248-09
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN7

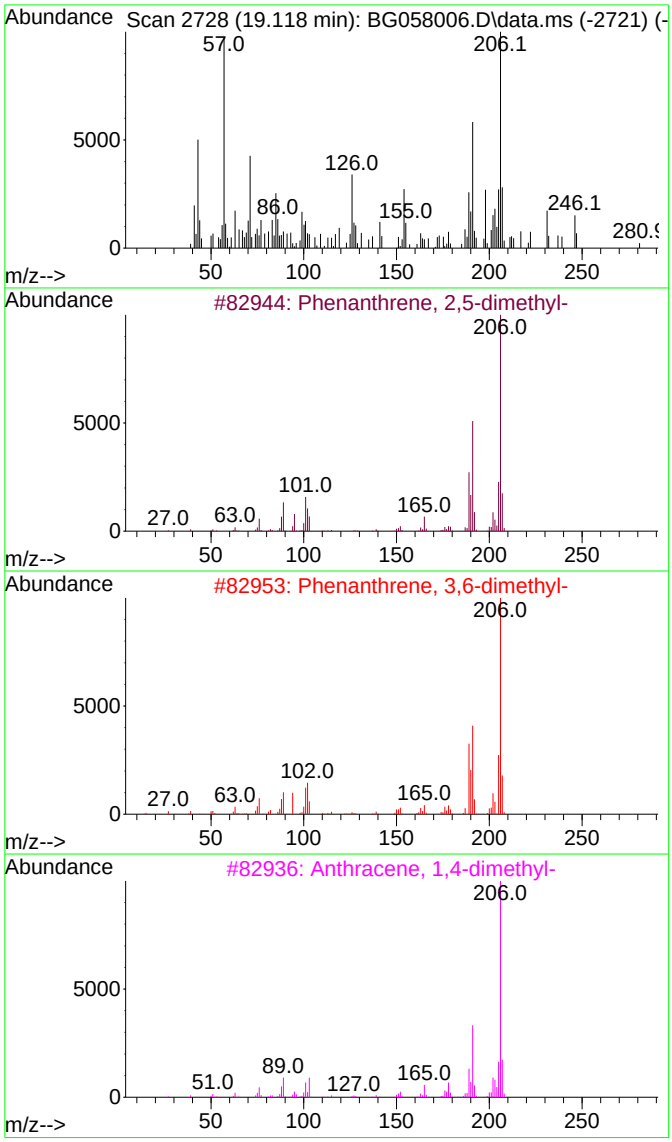
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

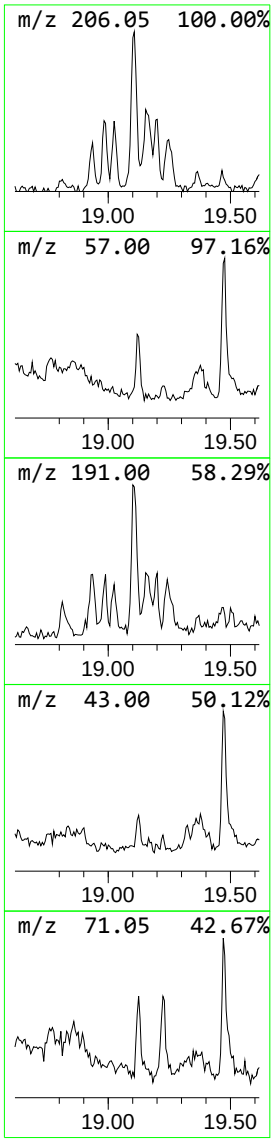
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 2,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.118	2.38 ng/ul	108604	Phenanthrene-d10	17.320

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	60
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	55
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	53
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	53
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	49





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Acq On : 5 Jul 2023 4:46
Operator : CG/JU
Sample : 03248-09
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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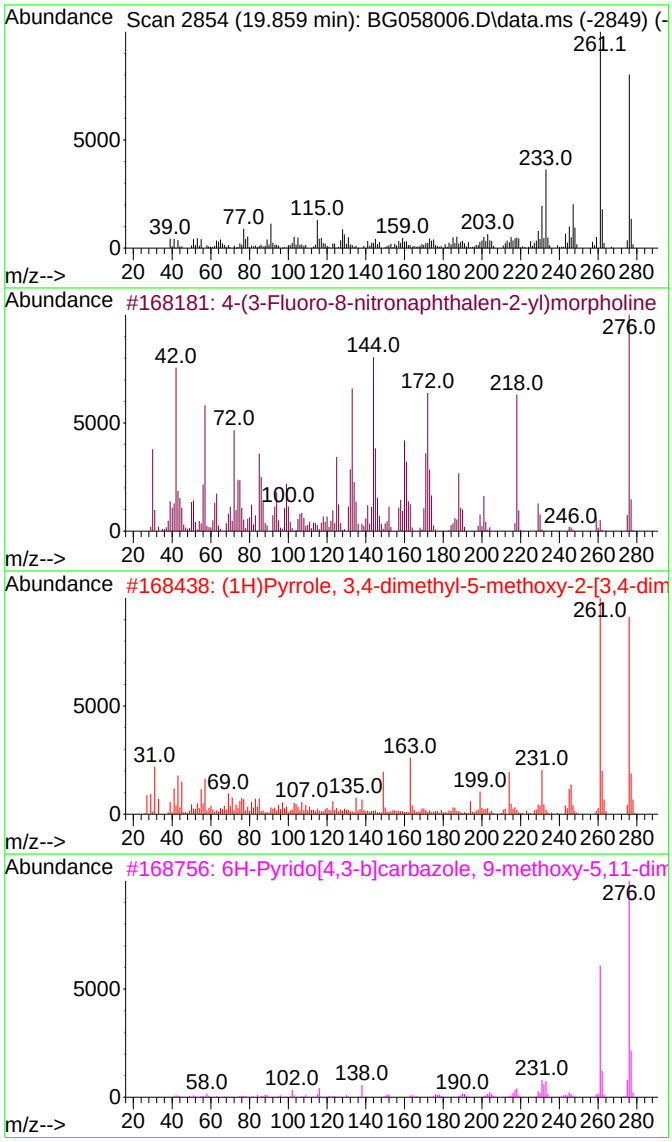
Quant Title : SVOA CALIBRATION

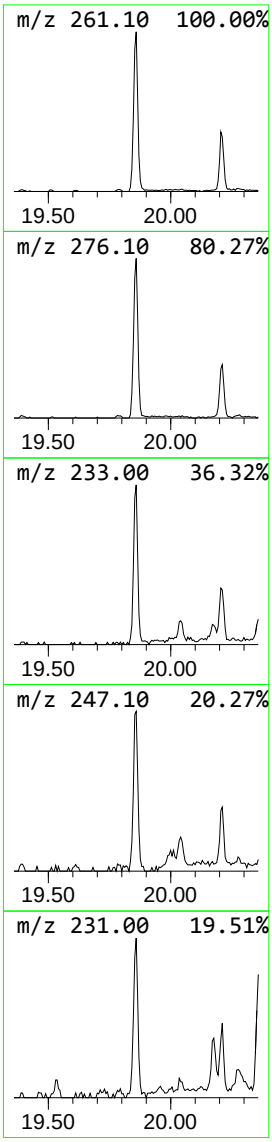
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4-(3-Fluoro-8-nitronaphthal... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.859	4.03 ng/ul	344483	Chrysene-d12	21.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(3-Fluoro-8-nitronaphthalen-2-...	276	C14H13FN2O3	1000409-37-1	91
2	(1H)Pyrrole, 3,4-dimethyl-5-meth...	276	C15H20N2OS	1000197-22-6	81
3	6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	72
4	3,5-di-tert-Butyl-4-hydroxycinna...	276	C17H24O3	022014-01-3	62
5	3-t-Butyl-4,5-diphenyl-1H-pyrazole	276	C19H20N2	105532-99-8	58





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Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN7

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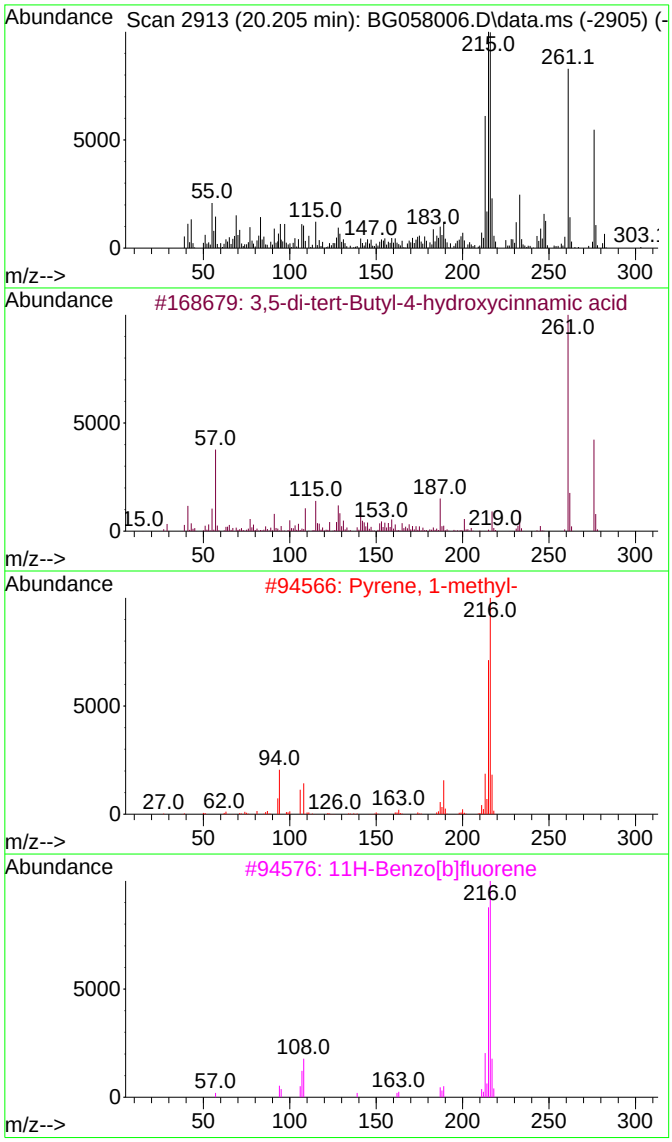
Quant Title : SVOA CALIBRATION

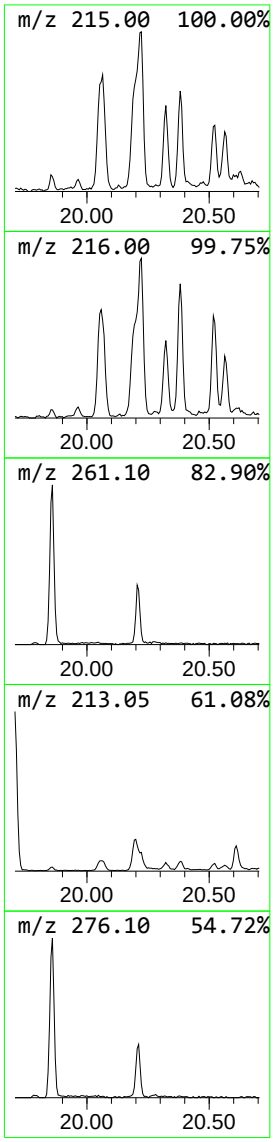
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 unknown-02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.205	5.36 ng/ul	458268	Chrysene-d12	21.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxycinna...	276	C17H24O3	022014-01-3	47
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	42
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	42
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	42
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	41





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ClientSampleId :
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Quant Title : SVOA CALIBRATION

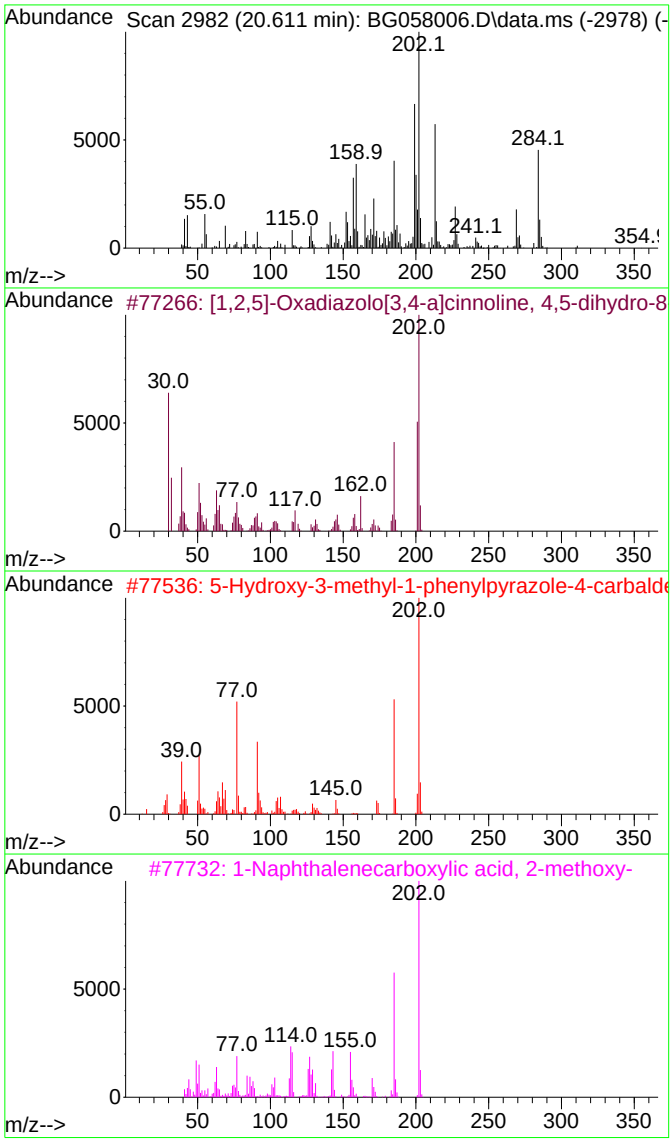
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

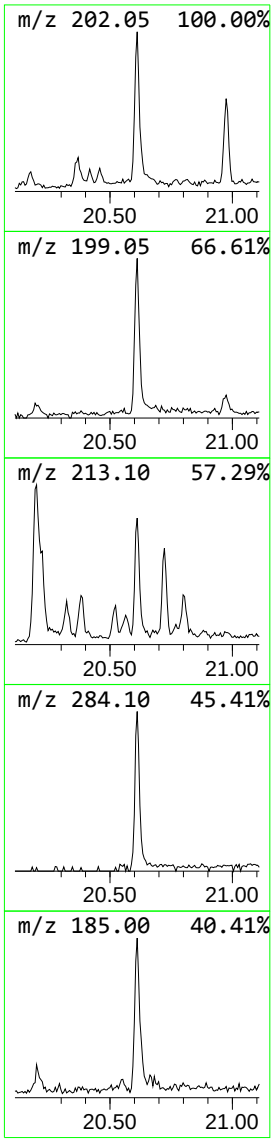
****

Peak Number 8 unknown-03 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.611	3.93 ng/ul	336296	Chrysene-d12	21.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,2,5]-Oxadiazolo[3,4-a]cinnoli...	202	C10H10N4O	1000260-59-4	30
2	5-Hydroxy-3-methyl-1-phenylpyraz...	202	C11H10N2O2	060484-29-9	25
3	1-Naphthalenecarboxylic acid, 2-...	202	C12H10O3	000947-62-6	22
4	1,3.4-Trimethyl-6-cyclohexylbenzene	202	C15H22	032406-17-0	22
5	2-Amino-9-oxa-1,3,4a-triaza-fluo...	202	C9H6N4O2	1010300-40-2	22





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Misc :
ALS Vial : 65 Sample Multiplier: 1

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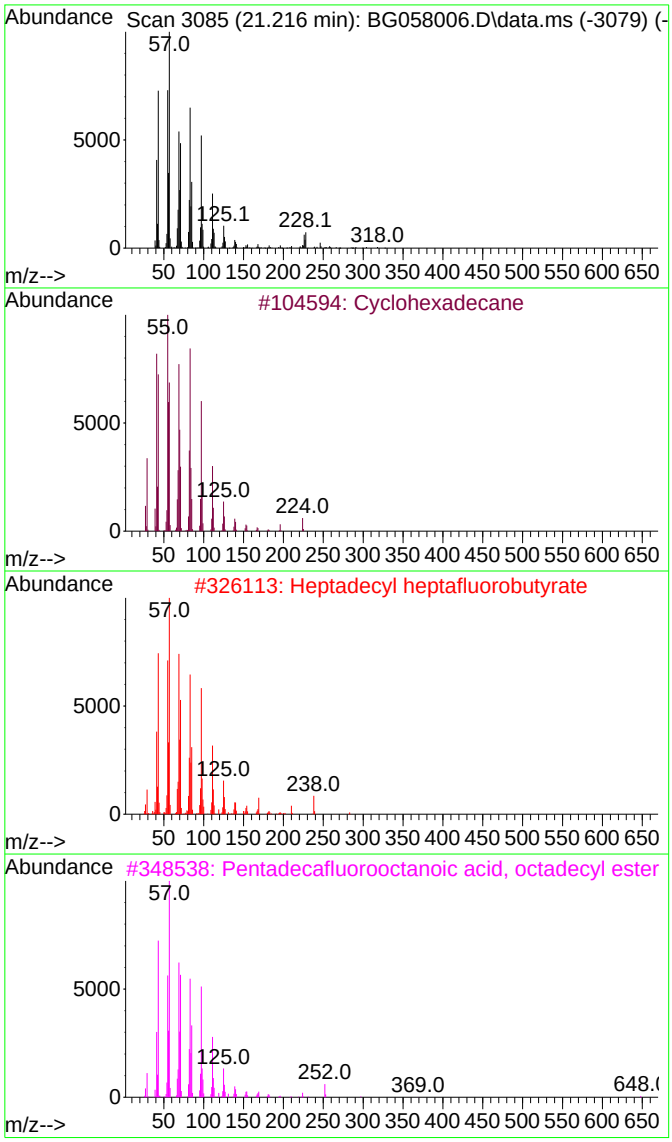
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

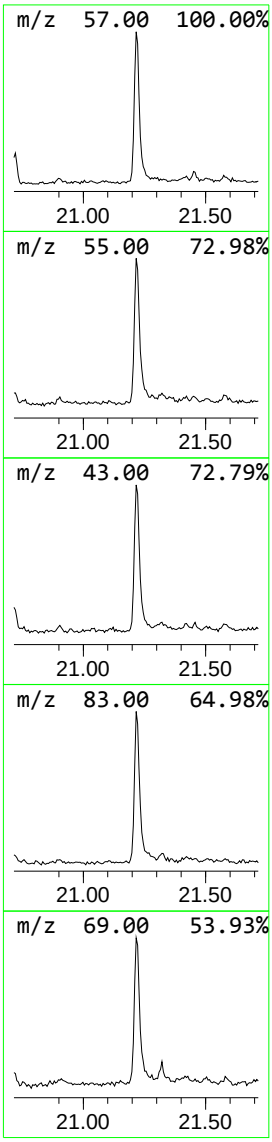
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic21.216 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.216	7.83 ng/ul	669663	Chrysene-d12	21.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	91





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Misc :
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Instrument :
BNA_G
ClientSampleId :
DCGN7

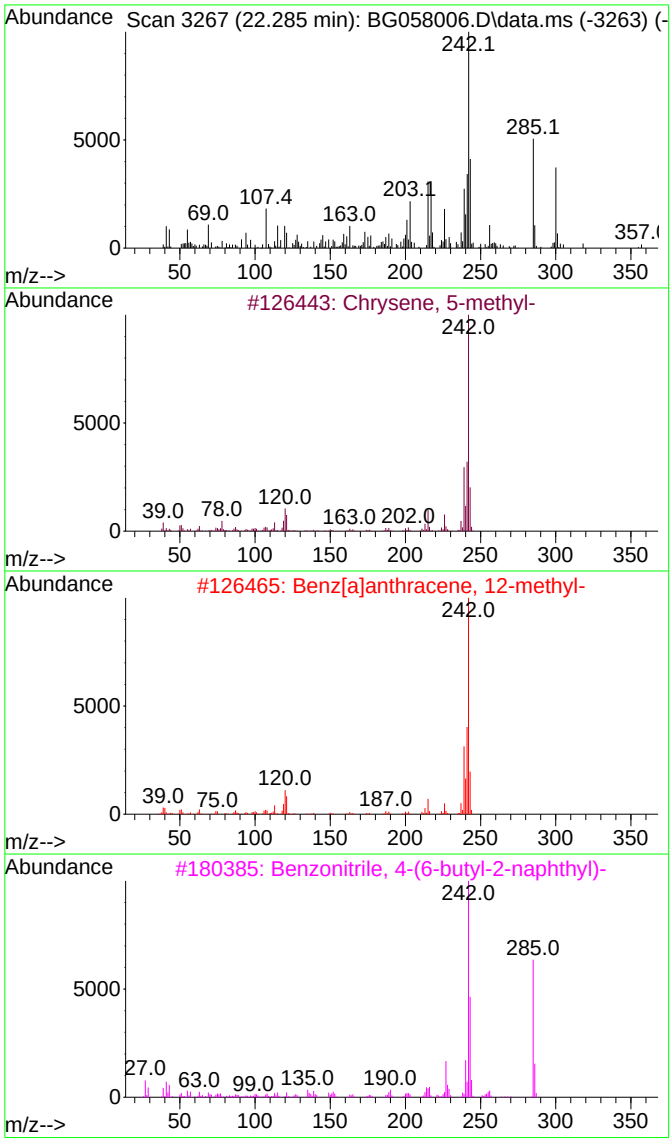
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

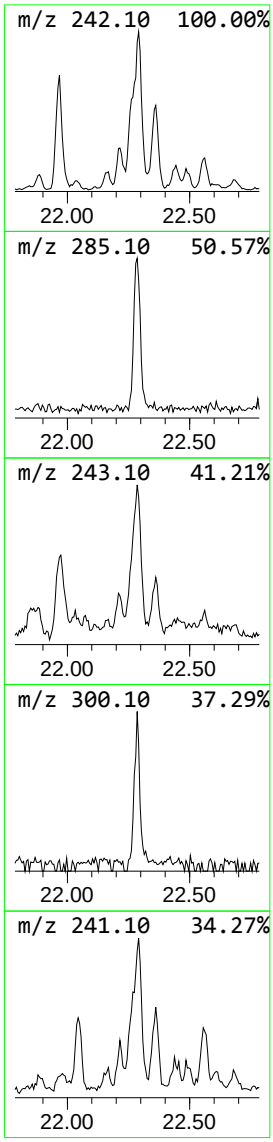
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Chrysene, 5-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.285	2.18 ng/ul	186161	Chrysene-d12	21.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
2	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	83
3	Benzonitrile, 4-(6-butyl-2-napht...	285	C21H19N	087633-72-5	64
4	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	58
5	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	52





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Misc :
ALS Vial : 65 Sample Multiplier: 1

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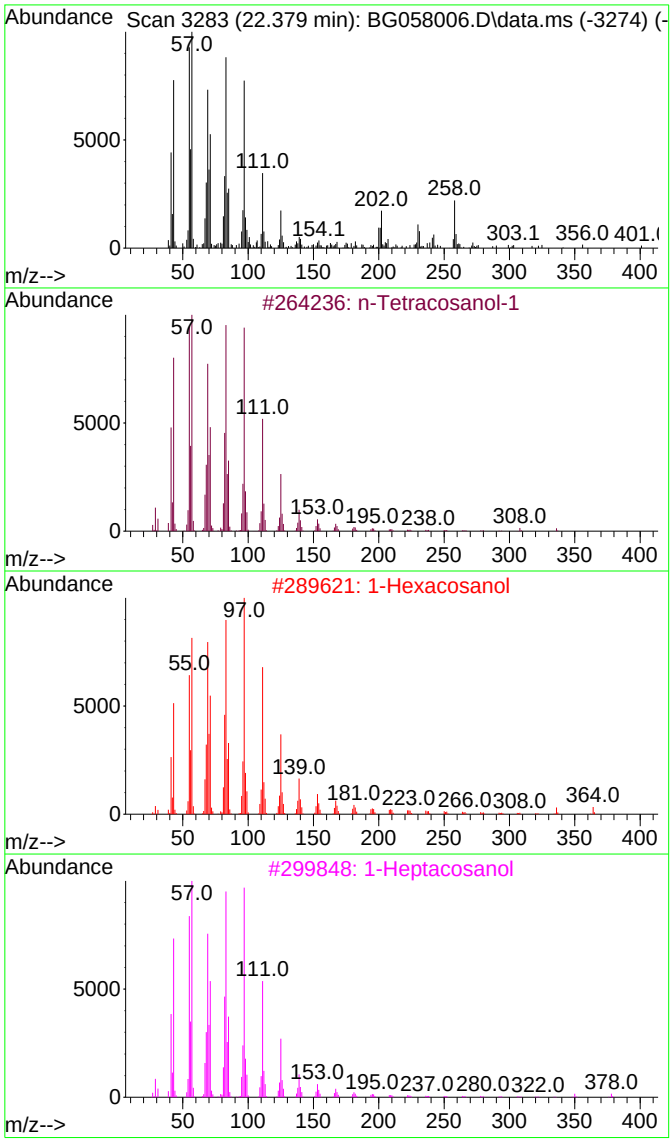
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

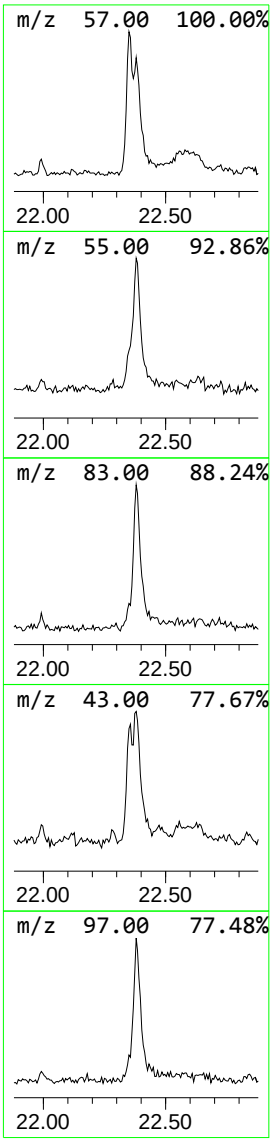
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 n-Tetracosanol-1 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.379	6.15 ng/ul	525545	Chrysene-d12	21.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
2	1-Hexacosanol	382	C26H54O	000506-52-5	87
3	1-Heptacosanol	396	C27H56O	002004-39-9	87
4	Octacosanol	410	C28H58O	000557-61-9	87
5	1-Hexadecanol	242	C16H34O	036653-82-4	87





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Sample : 03248-09
Misc :
ALS Vial : 65 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

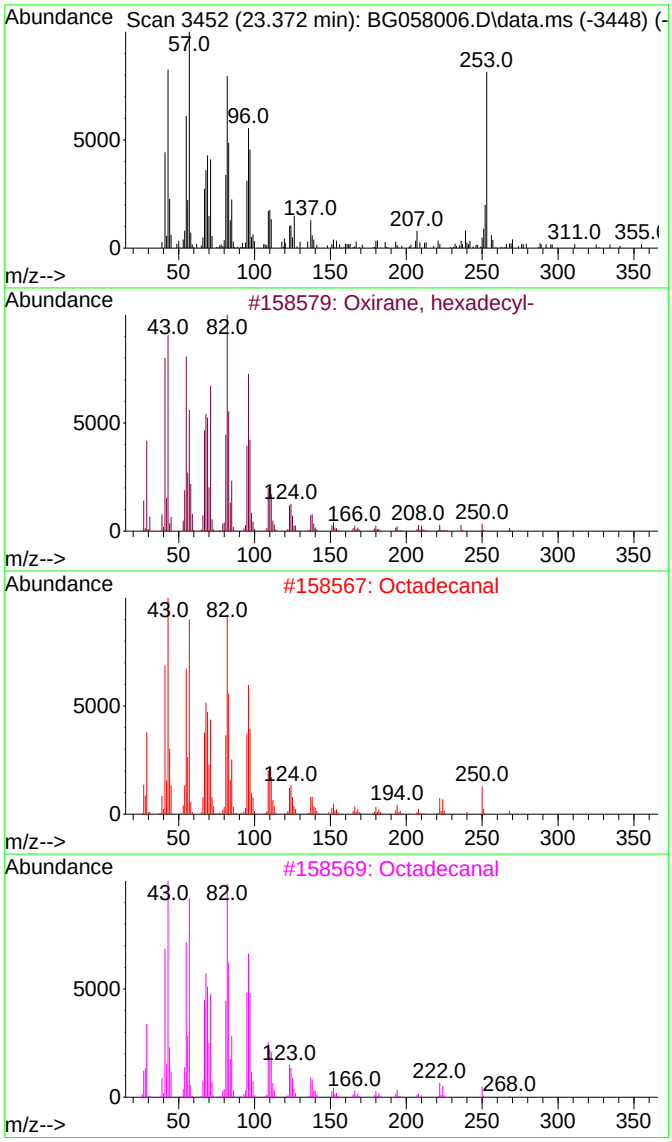
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

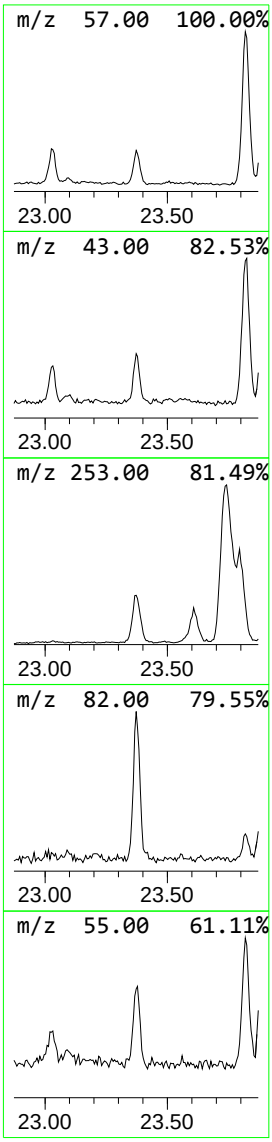
****

Peak Number 12 Oxirane, hexadecyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.372	5.24 ng/ul	284874	Perylene-d12	24.741

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
2	Octadecanal	268	C18H36O	000638-66-4	86
3	Octadecanal	268	C18H36O	000638-66-4	64
4	Tetracosanal	352	C24H48O	057866-08-7	64
5	Octadecanal	268	C18H36O	000638-66-4	64





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Misc :
ALS Vial : 65 Sample Multiplier: 1

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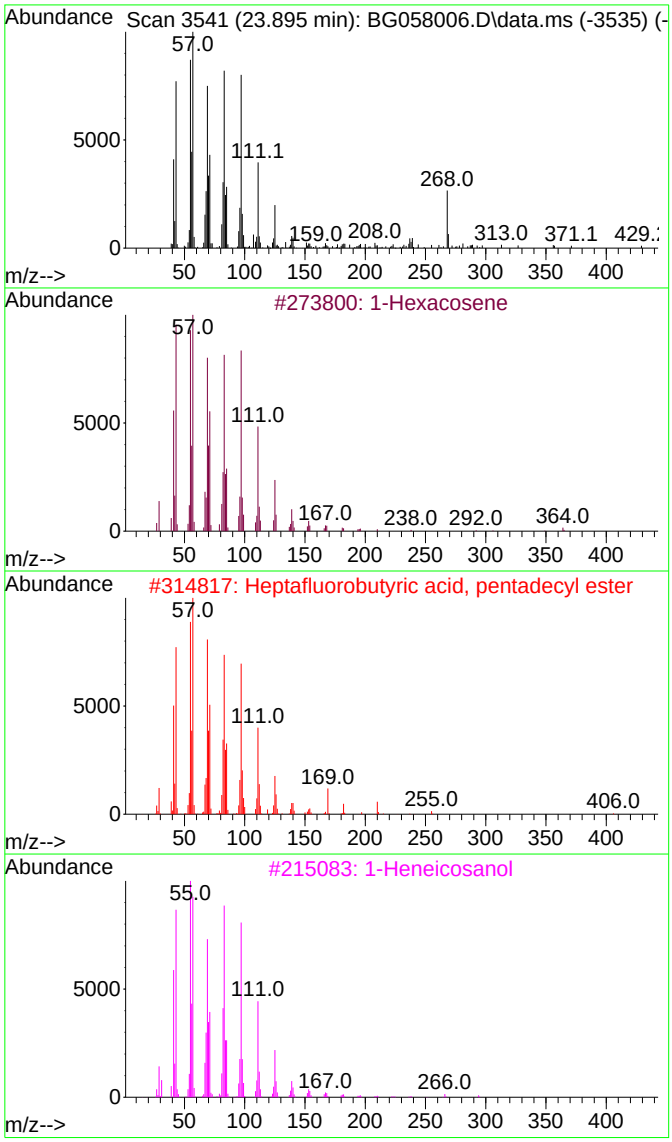
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

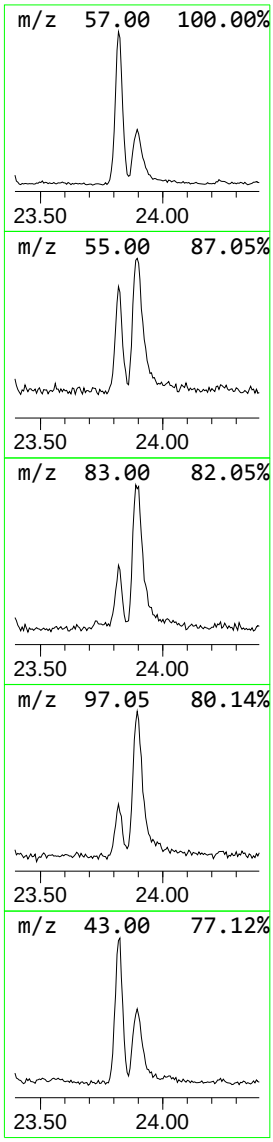
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.895	7.24 ng/ul	393364	Perylene-d12	24.741

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	94
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	1-Tetracosene	336	C24H48	010192-32-2	91





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ALS Vial : 65 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCGN7

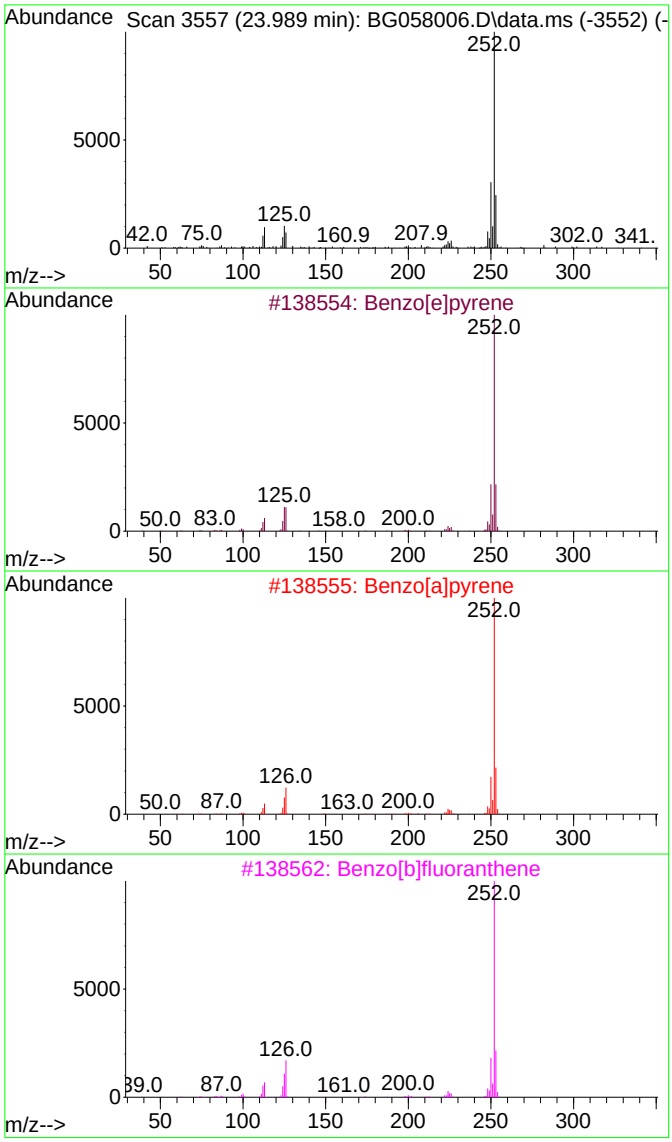
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

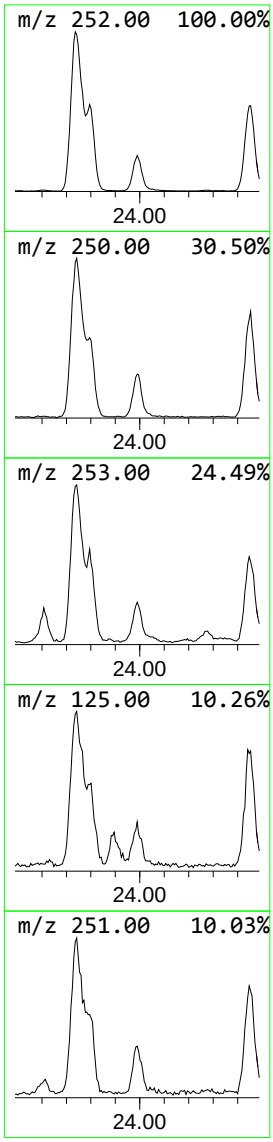
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.989	4.49 ng/ul	243825	Perylene-d12	24.741

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	89





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Misc :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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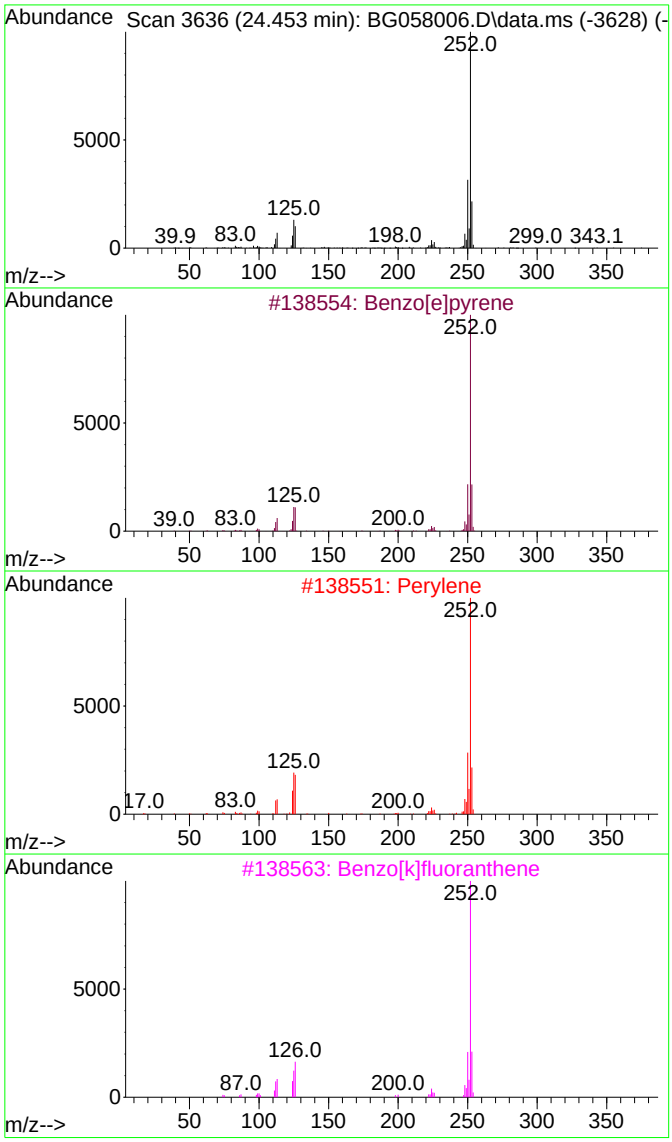
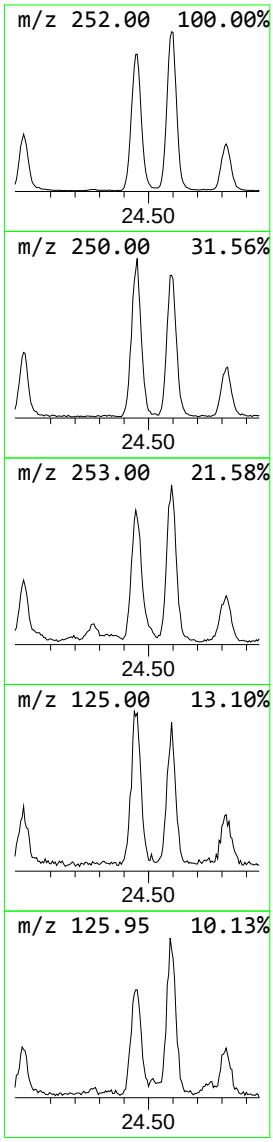
Peak Number 15 Perylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.453	8.71 ng/ul	473246	Perylene-d12	24.741

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





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Quant Title : SVOA CALIBRATION

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

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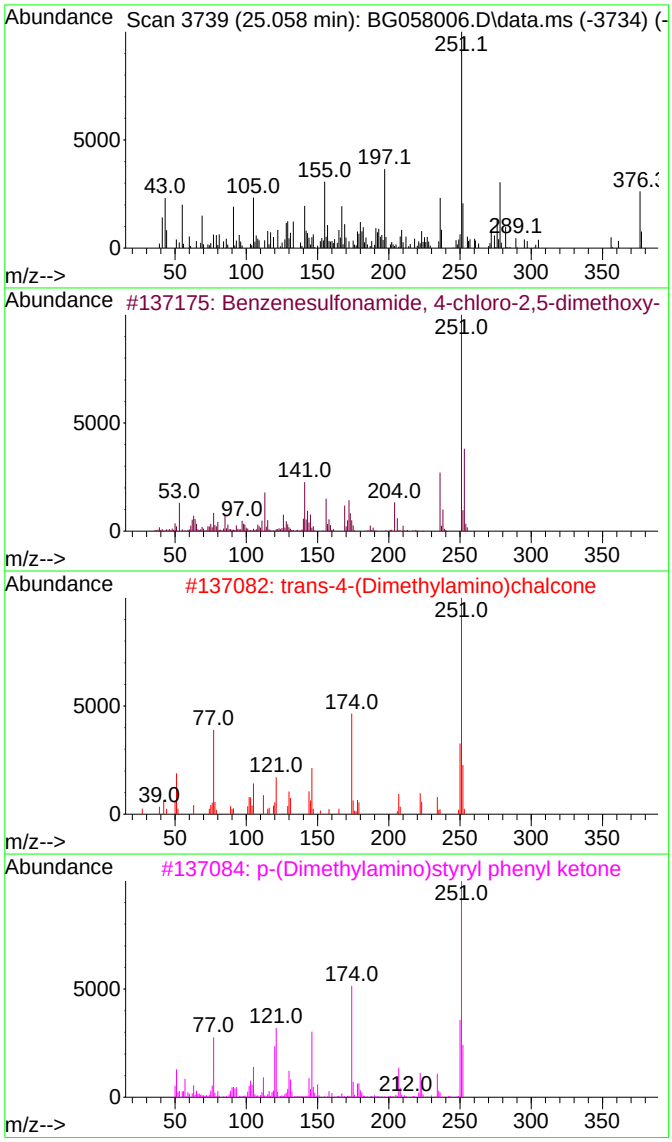
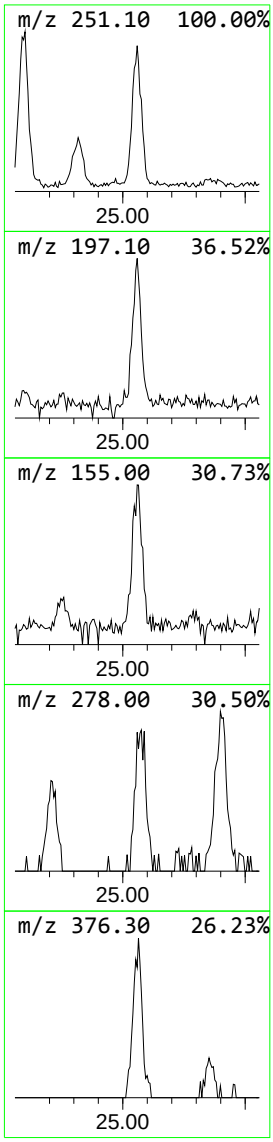
Peak Number 16 unknown-04 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.058	2.40 ng/ul	130611	Perylene-d12	24.741

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, 4-chloro-2,5...	251	C8H10ClNO4S	106038-02-2	38
2	trans-4-(Dimethylamino)chalcone	251	C17H17NO	022965-98-6	38
3	p-(Dimethylamino)styryl phenyl k...	251	C17H17NO	001030-27-9	38
4	Diphenylamine, 4,4'-biscyanato-	251	C14H9N3O2	330560-61-7	38
5	2-Ethoxy-4-methylaniline, 2TMS	295	C15H29NOSi2	1000500-86-8	38





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ALS Vial : 65 Sample Multiplier: 1

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ClientSampleId :
DCGN7

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

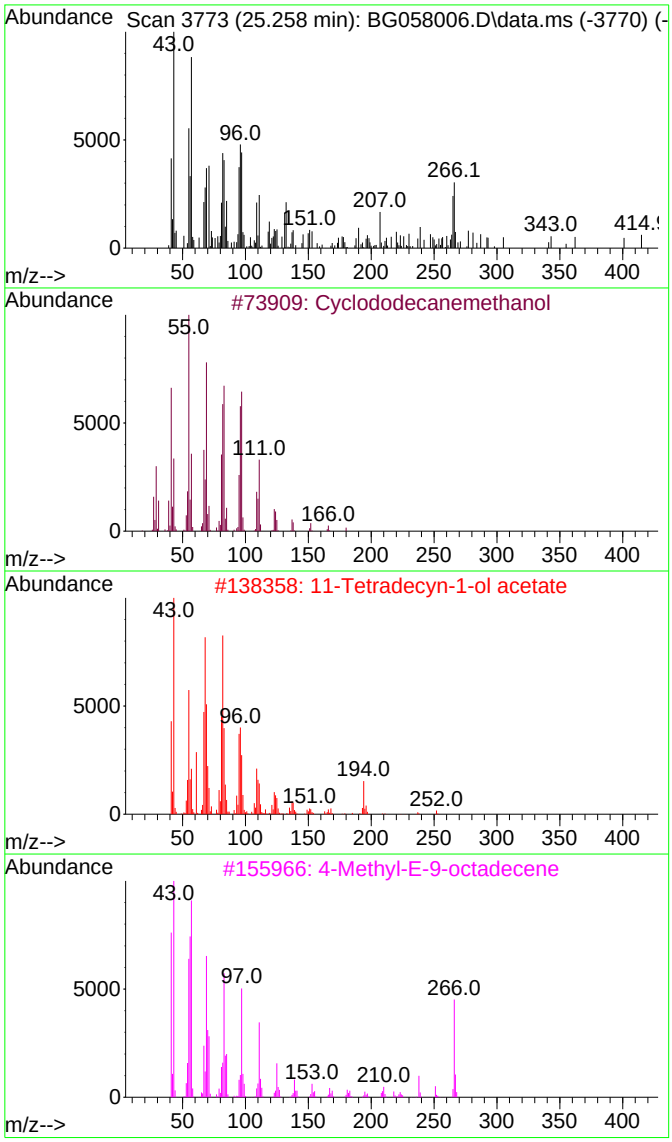
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

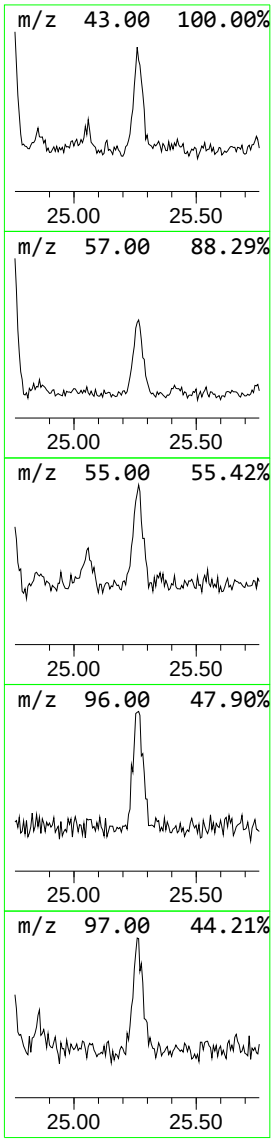
****

Peak Number 17 unknown-05 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.258	3.27 ng/ul	177410	Perylene-d12	24.741

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecanemethanol	198	C13H26O	001892-12-2	43
2	11-Tetradecyn-1-ol acetate	252	C16H28O2	033925-72-3	41
3	4-Methyl-E-9-octadecene	266	C19H38	1000130-87-1	41
4	Z,Z-3,13-Octadecadien-1-ol	266	C18H34O	1000131-10-9	38
5	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	30





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Acq On : 5 Jul 2023 4:46
Operator : CG/JU
Sample : 03248-09
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN7

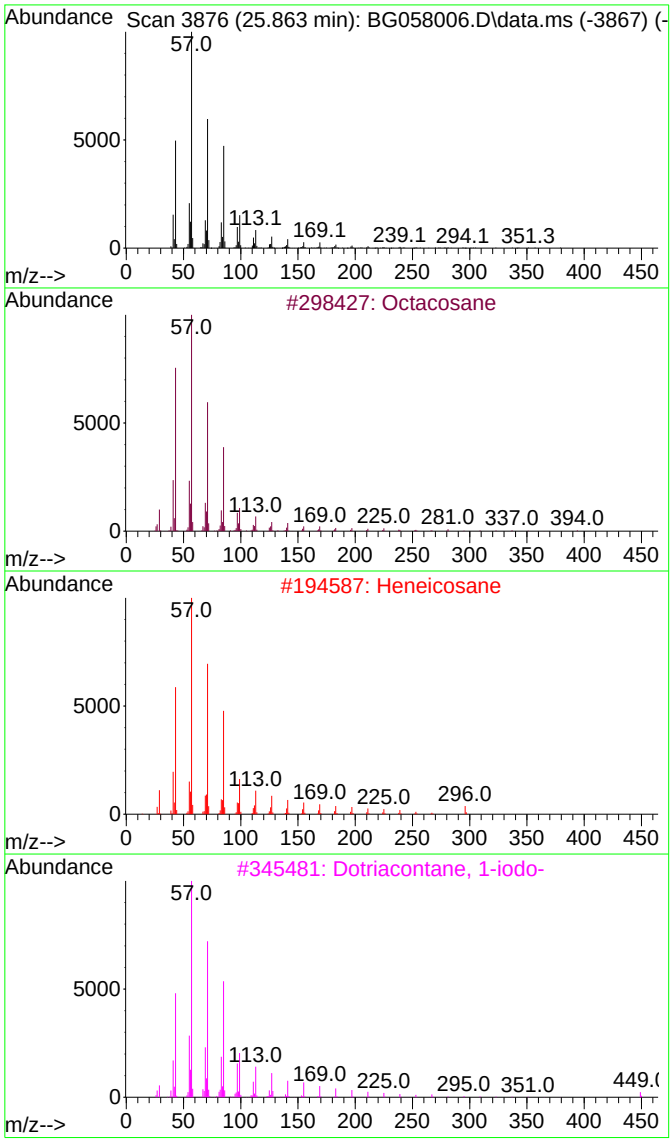
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

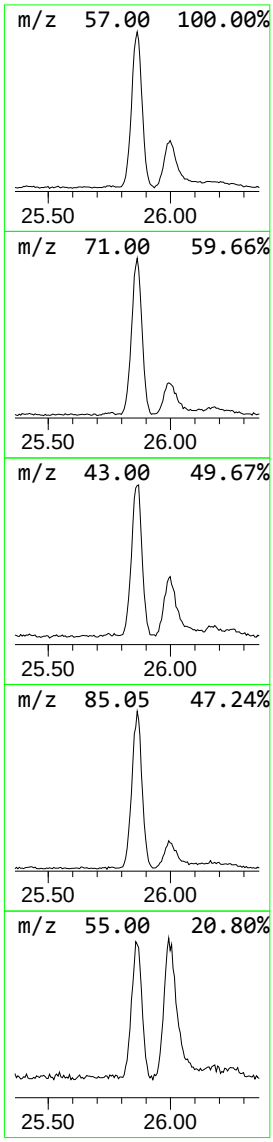
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.863	20.54 ng/ul	1115930	Perylene-d12	24.741

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
5	Tetracosane	338	C24H50	000646-31-1	90





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Acq On : 5 Jul 2023 4:46
Operator : CG/JU
Sample : 03248-09
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN7

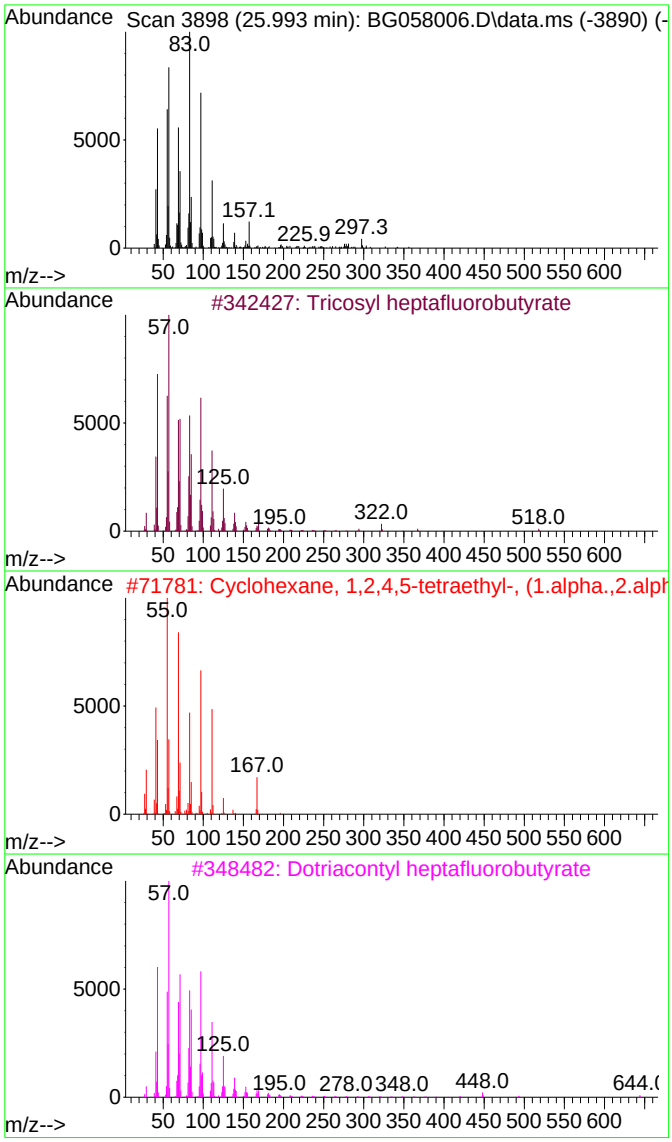
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

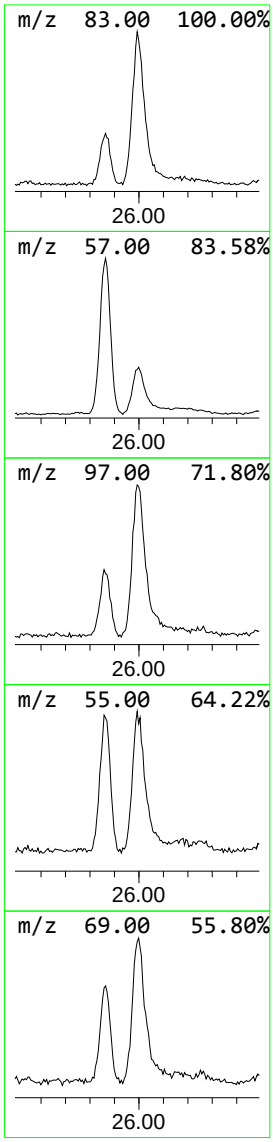
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Tricosyl heptafluorobutyrate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.993	14.72 ng/ul	799943	Perylene-d12	24.741

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	55
2	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	53
3	Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	49
4	Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	49
5	Tetratriacontyl trifluoroacetate	591	C36H69F3O2	1000351-75-3	49





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Data File : BG058006.D
Acq On : 5 Jul 2023 4:46
Operator : CG/JU
Sample : 03248-09
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN7

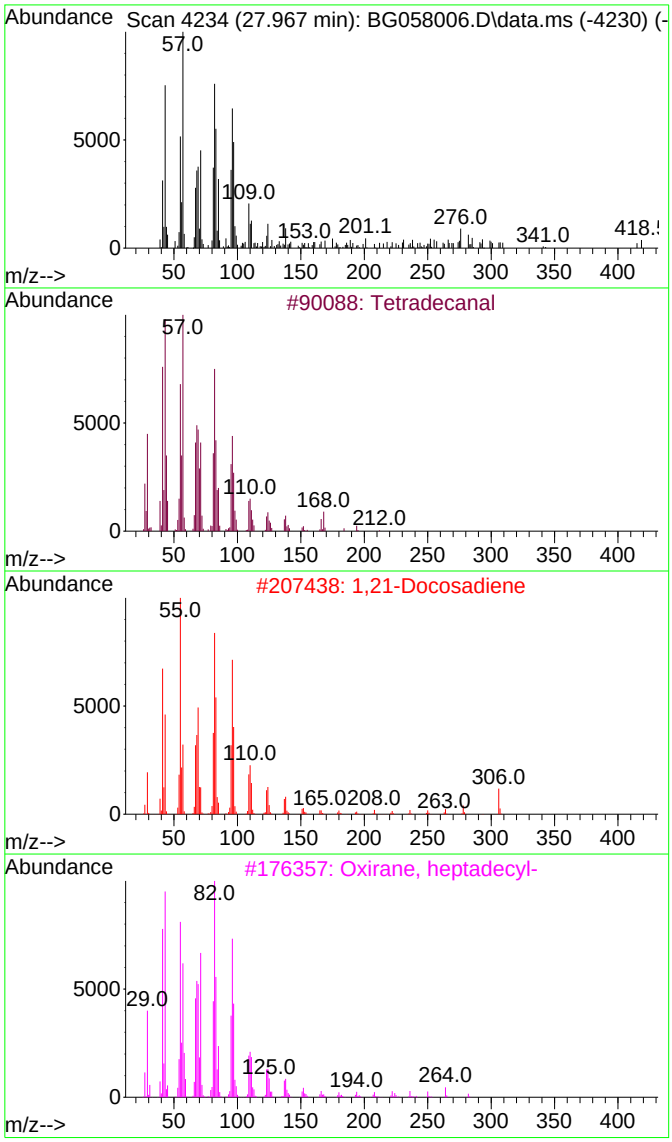
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

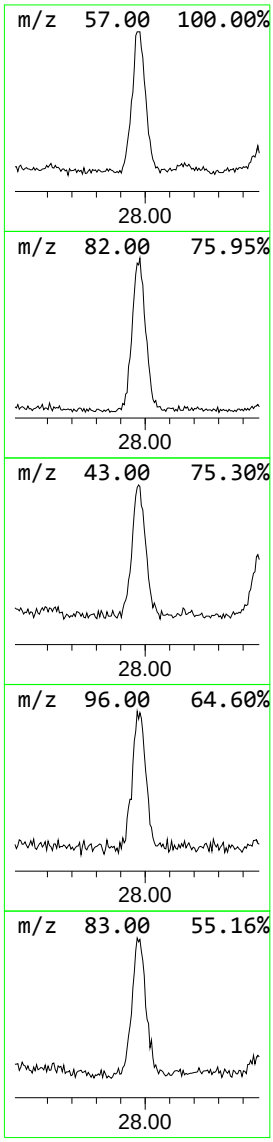
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Tetradecanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.967	8.96 ng/ul	486600	Perylene-d12	24.741

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanal	212	C14H28O	000124-25-4	74
2	1,21-Docosadiene	306	C22H42	053057-53-7	64
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	59
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	43
5	E-2-Tetradecen-1-ol	212	C14H28O	1000130-83-7	38





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Data File : BG058006.D
Acq On : 5 Jul 2023 4:46
Operator : CG/JU
Sample : 03248-09
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN7

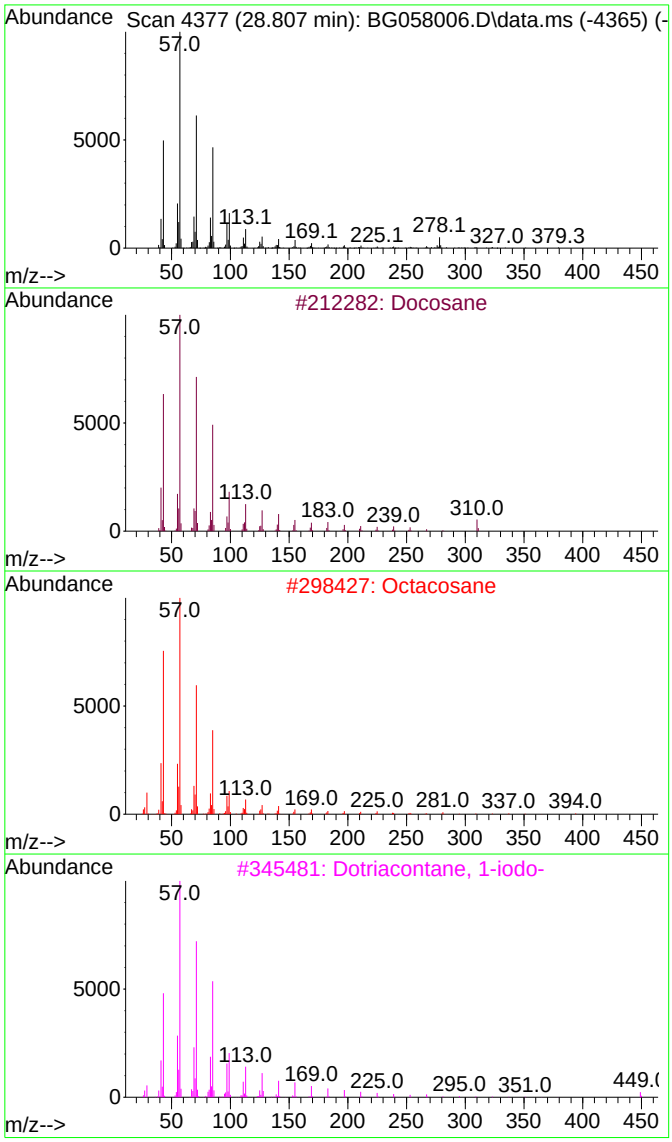
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

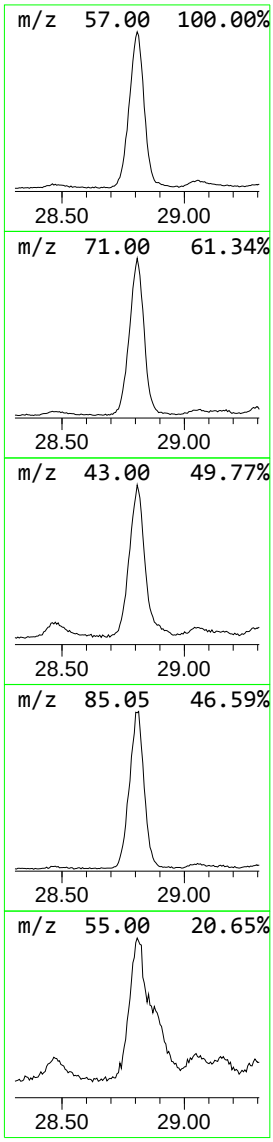
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.807	41.77 ng/ul	2269490	Perylene-d12	24.741

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	91
2	Octacosane	394	C28H58	000630-02-4	87
3	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	87
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058006.D
Acq On : 5 Jul 2023 4:46
Operator : CG/JU
Sample : 03248-09
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN7

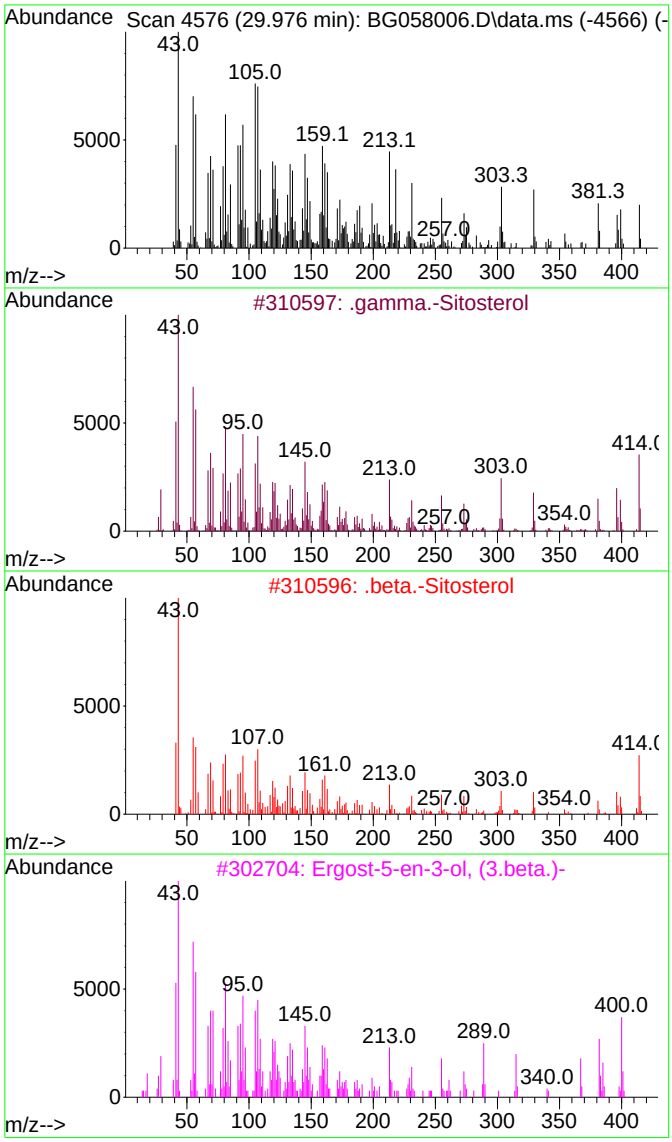
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

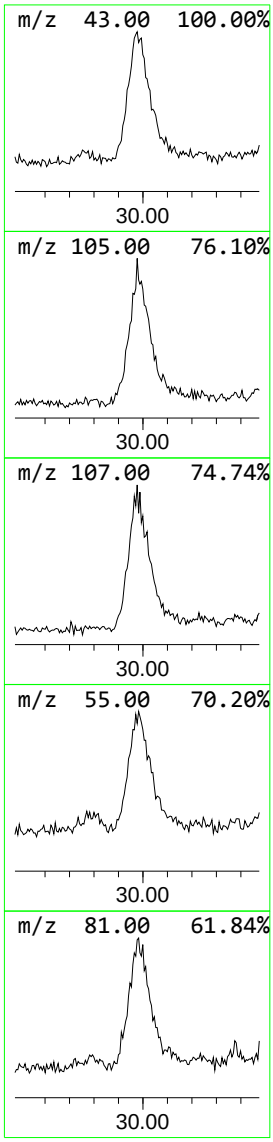
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 .gamma.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.976	28.07 ng/ul	1525180	Perylene-d12	24.741

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	95
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	55
3	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	53
4	Campesterol	400	C28H48O	000474-62-4	50
5	(3S,8S,9S,10R,13R,14S,17R)-17-((...	414	C29H50O	029365-29-5	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058006.D
Acq On : 5 Jul 2023 4:46
Operator : CG/JU
Sample : 03248-09
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN7

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

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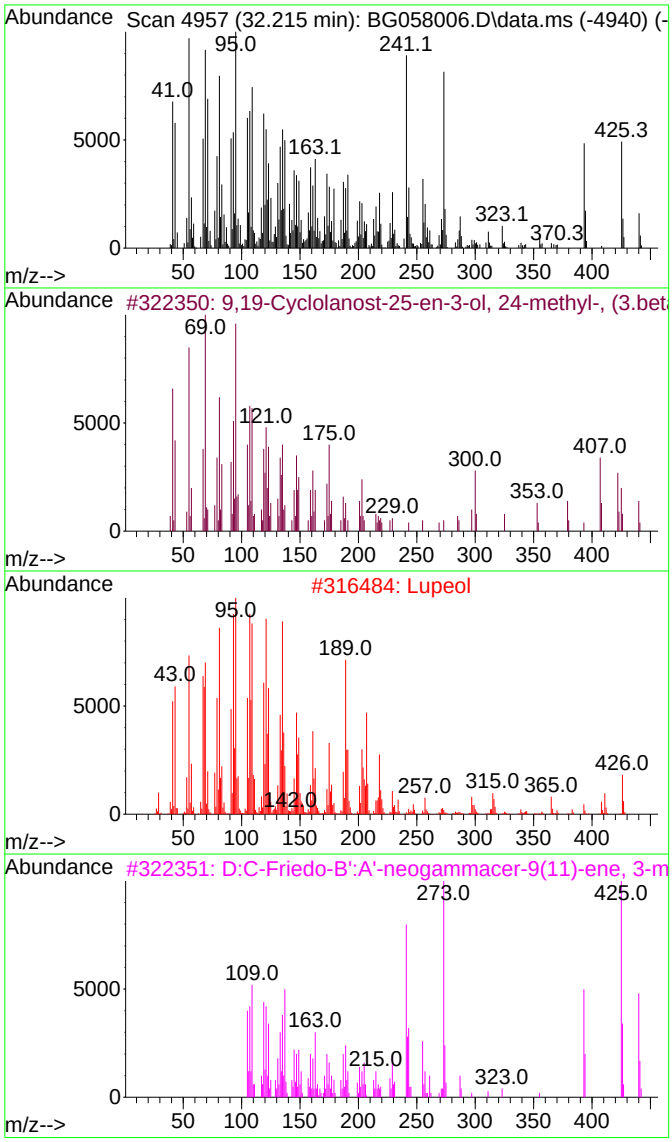
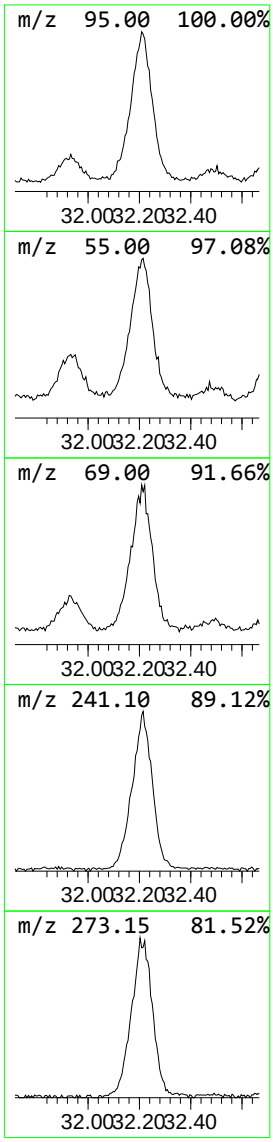
Peak Number 23 unknown-06 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.215	62.16 ng/ul	3377300	Perylene-d12	24.741

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,19-Cyclolanost-25-en-3-ol, 24-...	440	C31H52O	000511-61-5	46
2	Lupeol	426	C30H50O	000545-47-1	44
3	D:C-Friedo-B':A'-neogammacer-9(1...	440	C31H52O	004555-56-0	35
4	Lupeol	426	C30H50O	000545-47-1	25
5	11-Oxo-.beta.-amyrin	440	C30H48O2	038242-02-3	15





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058006.D
Acq On : 5 Jul 2023 4:46
Operator : CG/JU
Sample : 03248-09
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN7

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
unknown-01	3.901	2.2	ng/ul	36547	1	7.943	331846	20.0
Benzophenone	15.928	7.6	ng/ul	286284	3	14.577	756240	20.0
Hexadecenoic ac...	18.143	2.1	ng/ul	94380	4	17.320	912604	20.0
n-Hexadecanoic ...	18.202	18.6	ng/ul	847374	4	17.320	912604	20.0
Phenanthrene, 2...	19.118	2.4	ng/ul	108604	4	17.320	912604	20.0
4-(3-Fluoro-8-n...	19.859	4.0	ng/ul	344483	5	21.574	1709540	20.0
unknown-02	20.205	5.4	ng/ul	458268	5	21.574	1709540	20.0
unknown-03	20.611	3.9	ng/ul	336296	5	21.574	1709540	20.0
(DEL) Alkane: C...	21.216	7.8	ng/ul	669663	5	21.574	1709540	20.0
Chrysene, 5-met...	22.285	2.2	ng/ul	186161	5	21.574	1709540	20.0
n-Tetracosanol-1	22.379	6.2	ng/ul	525545	5	21.574	1709540	20.0
Oxirane, hexade...	23.372	5.2	ng/ul	284874	6	24.741	1086640	20.0
(DEL) Alkane: S...	23.895	7.2	ng/ul	393364	6	24.741	1086640	20.0
Benzo[e]pyrene	23.989	4.5	ng/ul	243825	6	24.741	1086640	20.0
Perylene	24.453	8.7	ng/ul	473246	6	24.741	1086640	20.0
unknown-04	25.058	2.4	ng/ul	130611	6	24.741	1086640	20.0
unknown-05	25.258	3.3	ng/ul	177410	6	24.741	1086640	20.0
(DEL) Alkane: S...	25.863	20.5	ng/ul	1115930	6	24.741	1086640	20.0
Tricosyl heptaf...	25.993	14.7	ng/ul	799943	6	24.741	1086640	20.0
Tetradecanal	27.967	9.0	ng/ul	486600	6	24.741	1086640	20.0
(DEL) Alkane: S...	28.807	41.8	ng/ul	2269490	6	24.741	1086640	20.0
.gamma.-Sitosterol	29.976	28.1	ng/ul	1525180	6	24.741	1086640	20.0
unknown-06	32.215	62.2	ng/ul	3377300	6	24.741	1086640	20.0