LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058007.D
Acq On : 5 Jul 2023 5:28
Operator : CG/JU
Sample : 03248-08
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN6

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: BG058007.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.116	3	5	26	rVB	2669486	3306666	69.31%	6.954%
2	3.375	45	49	55	rVB	22068	33584	0.70%	0.071%
3	3.786	114	119	134	rBV	236995	394138	8.26%	0.829%
4	3.898	134	138	145	rVB2	12241	19958	0.42%	0.042%
5	4.027	152	160	166	rVB	23756	40256	0.84%	0.085%
6	5.037	324	332	337	rVB	4781	8009	0.17%	0.017%
7	5.126	343	347	354	rVB5	4515	8016	0.17%	0.017%
8	6.506	576	582	586	rBV3	6345	10625	0.22%	0.022%
9	6.929	649	654	663	rBV5	7656	16858	0.35%	0.035%
10	7.106	677	684	699	rVB	385701	665459	13.95%	1.399%
11	7.264	704	711	722	rVV	298408	483158	10.13%	1.016%
12	7.476	739	747	755	rBV	369820	631968	13.25%	1.329%
13	7.552	755	760	767	rVB6	5870	11918	0.25%	0.025%
14	7.940	818	826	833	rBV	268318	443819	9.30%	0.933%
15	8.651	940	947	956	rBV	433649	768850	16.11%	1.617%
16	9.103	1016	1024	1031	rBV	370876	643705	13.49%	1.354%
17	9.503	1087	1092	1097	rBV2	4514	7635	0.16%	0.016%
18	9.826	1137	1147	1158	rBV	294971	534676	11.21%	1.124%
19	10.043	1180	1184	1191	rBV3	5718	8531	0.18%	0.018%
20	10.308	1224	1229	1232	rBV4	4977	7078	0.15%	0.015%
21	10.367	1232	1239	1250	rVV	460313	821121	17.21%	1.727%
22	10.743	1293	1303	1310	rBV	405823	731012	15.32%	1.537%
23	10.878	1319	1326	1342	rVV	229566	448550	9.40%	0.943%
24	11.265	1386	1392	1399	rVB6	4136	7261	0.15%	0.015%
25	11.524	1429	1436	1442	rBV5	5223	9560	0.20%	0.020%
26	12.217	1549	1554	1562	rVB2	7660	12478	0.26%	0.026%
27	12.329	1568	1573	1579	rVV2	8594	12230	0.26%	0.026%
28	12.934	1671	1676	1681	rBV4	4797	8982	0.19%	0.019%
29	13.175	1712	1717	1721	rVV3	6687	10223	0.21%	0.021%
30	13.387	1750	1753	1759	rVB	9347	14451	0.30%	0.030%
31	13.463	1761	1766	1775	rVB3	15480	30285	0.63%	0.064%
32	13.980	1847	1854	1860	rVV	787191	1135148	23.79%	2.387%
33	14.045	1862	1865	1869	rVB5	6323	8121	0.17%	0.017%
34	14.268	1896	1903	1919	rVB2	905805	1449347	30.38%	3.048%
35	14.462	1931	1936	1944	rVB	12527	17064	0.36%	0.036%
36	14.573	1944	1955	1962	rBV	621223	985872	20.66%	2.073%

LSC Area Percent Report

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Operator : CG/JU
Sample : 03248-08
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN6

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	14.644	1964	1967	1976	rVB8	4276	9496	0.20%	0.020%
38	14.779	1982	1990	2004	rBV	320019	554625	11.62%	1.166%
39	14.920	2009	2014	2019	rVV3	15877	26127	0.55%	0.055%
40	14.979	2019	2024	2029	rVB4	20401	31044	0.65%	0.065%
41	15.349	2081	2087	2094	rBV7	7733	16476	0.35%	0.035%
42	15.408	2094	2097	2101	rVB2	9521	12529	0.26%	0.026%
43	15.566	2117	2124	2131	rBV	1155409	1763490	36.96%	3.709%
44	15.684	2137	2144	2154	rBV	334813	484750	10.16%	1.019%
45	15.807	2160	2165	2171	rVB3	7676	12190	0.26%	0.026%
46	15.925	2179	2185	2192	rVV	317147	448033	9.39%	0.942%
47	16.236	2234	2238	2241	rBV2	8396	11927	0.25%	0.025%
48	16.412	2262	2268	2272	rBV4	15342	24311	0.51%	0.051%
49	16.489	2278	2281	2285	rVB2	10140	11864	0.25%	0.025%
50	16.706	2314	2318	2326	rVV4	20479	34685	0.73%	0.073%
51	16.847	2339	2342	2346	rVV5	7633	8596	0.18%	0.018%
52	16.965	2359	2362	2364	rBV4	8160	8610	0.18%	0.018%
53	17.012	2367	2370	2374	rVB4	9351	11015	0.23%	0.023%
54	17.059	2376	2378	2382	rVB2	10945	12182	0.26%	0.026%
55	17.106	2382	2386	2393	rVB6	8108	15384	0.32%	0.032%
56	17.206	2396	2403	2409	rBV	99324	165768	3.47%	0.349%
57	17.270	2409	2414	2417	rBV	56302	79646	1.67%	0.167%
58	17.317	2417	2422	2427	rBV	723622	1062958	22.28%	2.235%
59	17.417	2433	2439	2446	rBV2	1052523	1618125	33.91%	3.403%
60	17.493	2447	2452	2464	rVB5	41354	78802	1.65%	0.166%
61	17.799	2500	2504	2510	rBV6	10557	19160	0.40%	0.040%
62	17.940	2524	2528	2531	rBV2	21043	26386	0.55%	0.055%
63	17.975	2531	2534	2537	rVB3	18985	23809	0.50%	0.050%
64	18.022	2540	2542	2546	rVB5	6641	7365	0.15%	0.015%
65	18.081	2546	2552	2558	rBV2	52098	99406	2.08%	0.209%
66	18.146	2558	2563	2568	rBV	177247	258553	5.42%	0.544%
67	18.210	2568	2574	2582	rBV	1008329	1430422	29.98%	3.008%
68	18.498	2618	2623	2627	rBV2	51221	84040	1.76%	0.177%
69	18.539	2627	2630	2635	rVB2	38356	58169	1.22%	0.122%
70	19.121	2726	2729	2734	rVB	23569	32913	0.69%	0.069%
71	19.268	2751	2754	2758	rVB3	24494	32164	0.67%	0.068%
72	19.332	2760	2765	2767	rBV2	80309	119142	2.50%	0.251%
73	19.368	2767	2771	2785	rVV2	148274	366443	7.68%	0.771%
74	19.474	2785	2789	2800	rVV	216186	315362	6.61%	0.663%
75	19.615	2811	2813	2821	rVB5	16093	22978	0.48%	0.048%
76	19.709	2822	2829	2840	rBV	1456436	2275294	47.69%	4.785%

LSC Area Percent Report

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Acq On : 5 Jul 2023 5:28
Operator : CG/JU
Sample : 03248-08
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN6

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	19.855	2850	2854	2858	rBV	75622	99172	2.08%	0.209%
78	20.208	2911	2914	2915	rBV3	48292	53493	1.12%	0.112%
79	20.226	2915	2917	2924	rVB2	91245	119289	2.50%	0.251%
80	20.719	2997	3001	3005	rBV2	94277	122266	2.56%	0.257%
81	21.219	3081	3086	3091	rBV	497501	905715	18.98%	1.905%
82	21.571	3139	3146	3152	rBV2	694061	1193700	25.02%	2.510%
83	21.753	3174	3177	3185	rVB2	100952	190110	3.98%	0.400%
84	22.352	3274	3279	3282	rBV	160828	269424	5.65%	0.567%
85	23.028	3389	3394	3401	rVB	90687	179915	3.77%	0.378%
86	23.821	3522	3529	3536	rVV	338174	678431	14.22%	1.427%
87	23.892	3536	3541	3553	rVB3	89799	254269	5.33%	0.535%
88	24.526	3640	3649	3668	rVB2	740208	2242345	47.00%	4.716%
89	24.744	3677	3686	3697	rBV3	500318	1424057	29.85%	2.995%
90	25.267	3771	3775	3785	rVB4	74782	170135	3.57%	0.358%
91	25.508	3808	3816	3826	rVB5	130781	353856	7.42%	0.744%
92	25.860	3867	3876	3889	rVB	437688	1302441	27.30%	2.739%
93	26.001	3894	3900	3907	rBV5	78213	237366	4.98%	0.499%
94	27.969	4228	4235	4249	rVB4	125751	482085	10.10%	1.014%
95	28.463	4313	4319	4335	rVB4	82699	358711	7.52%	0.754%
96	28.810	4367	4378	4402	rVB2	387439	1937160	40.60%	4.074%
97	29.303	4453	4462	4483	rVB6	168915	790790	16.57%	1.663%
98	29.979	4569	4577	4597	rVB6	164421	828028	17.35%	1.741%
99	31.471	4815	4831	4852	rVB3	864612	4771141	100.00%	10.034%
100	32.212	4940	4957	4984	rVB6	512566	3165885	66.35%	6.658%

Sum of corrected areas: 47550635

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058007.D
Acq On : 5 Jul 2023 5:28
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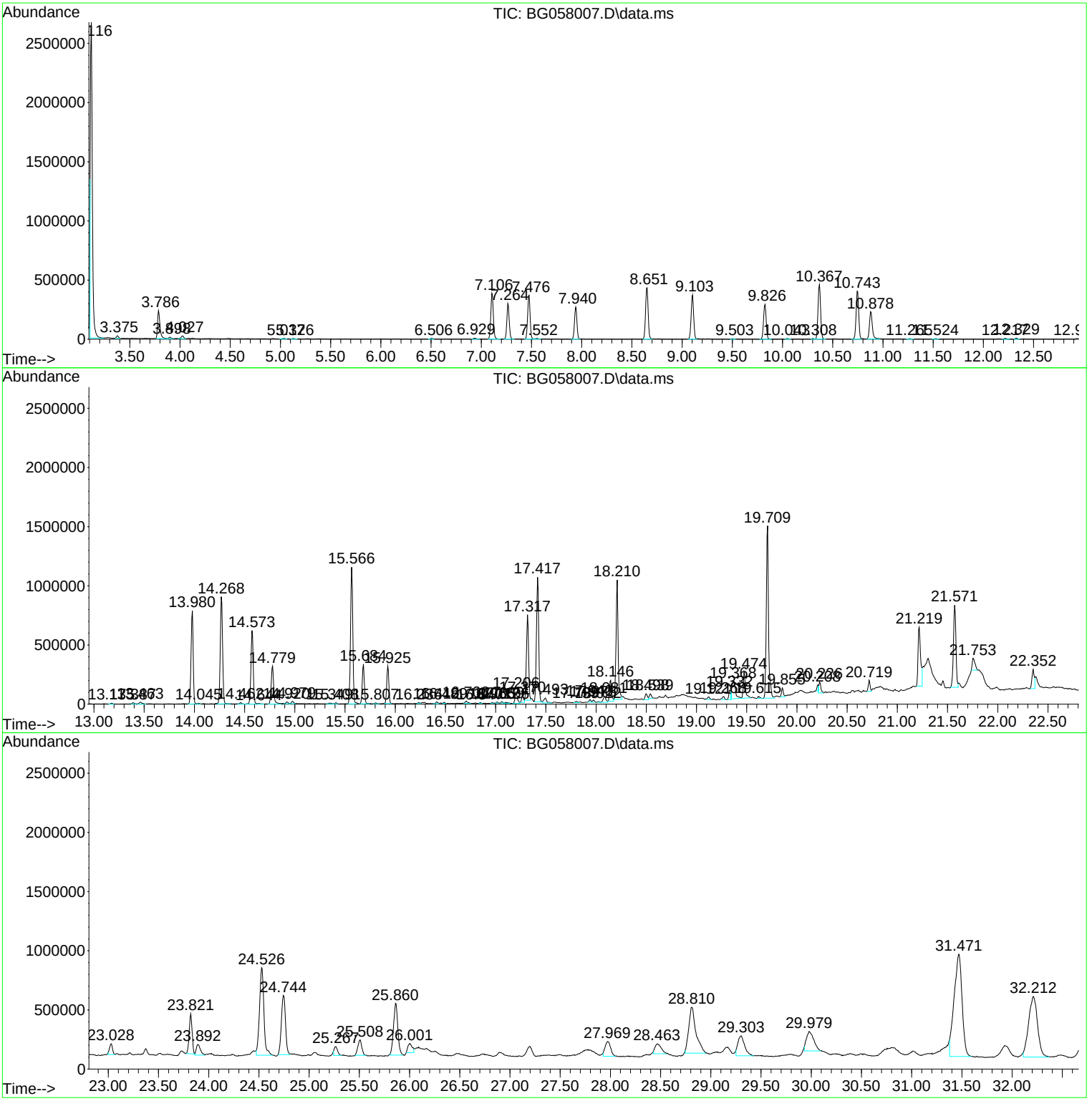
Sample : 03248-08
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN6

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 : BG058007.D
Acq On : 5 Jul 2023 5:28
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Sample : 03248-08
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN6

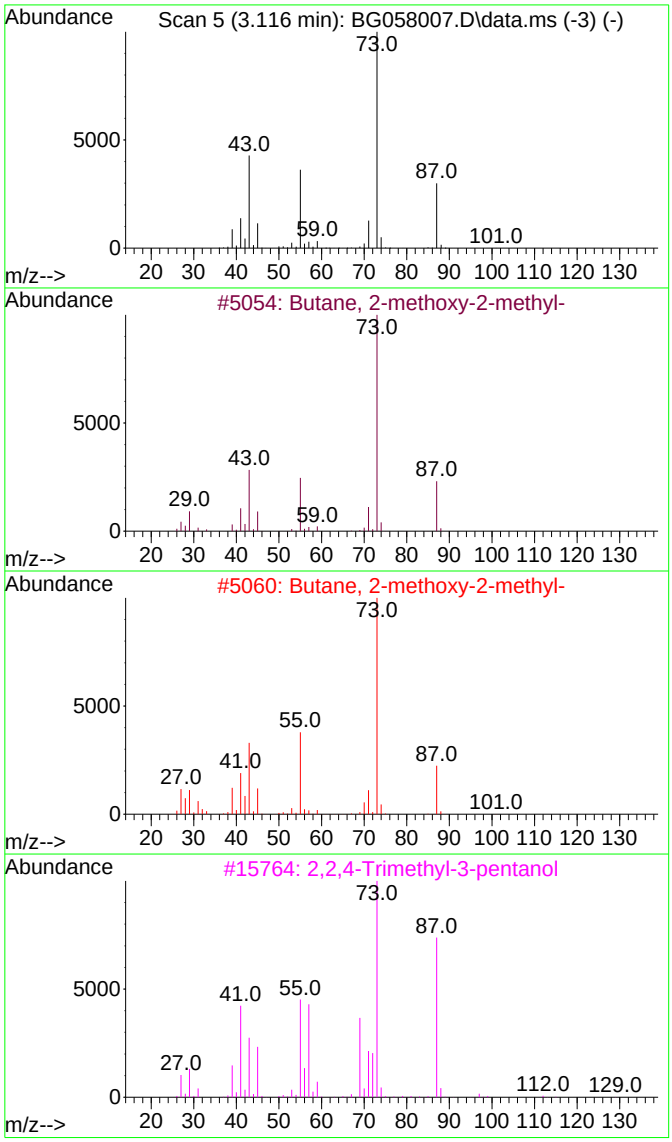
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

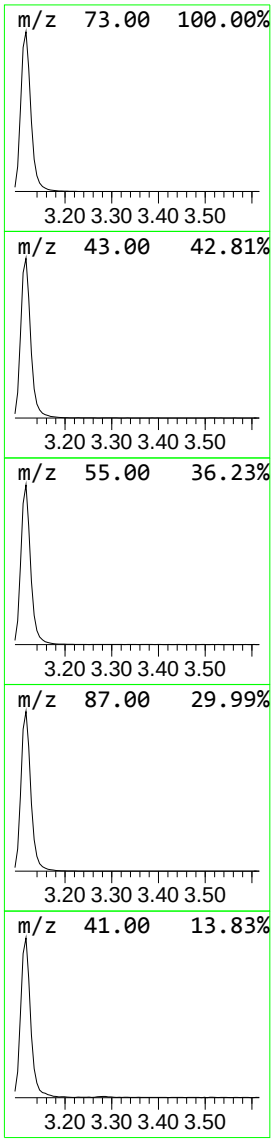
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.116	149.01 ng/ul	3306670	1,4-Dichlorobenzene-d4	7.940

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	36
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058007.D
Acq On : 5 Jul 2023 5:28
Operator : CG/JU
Sample : 03248-08
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN6

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

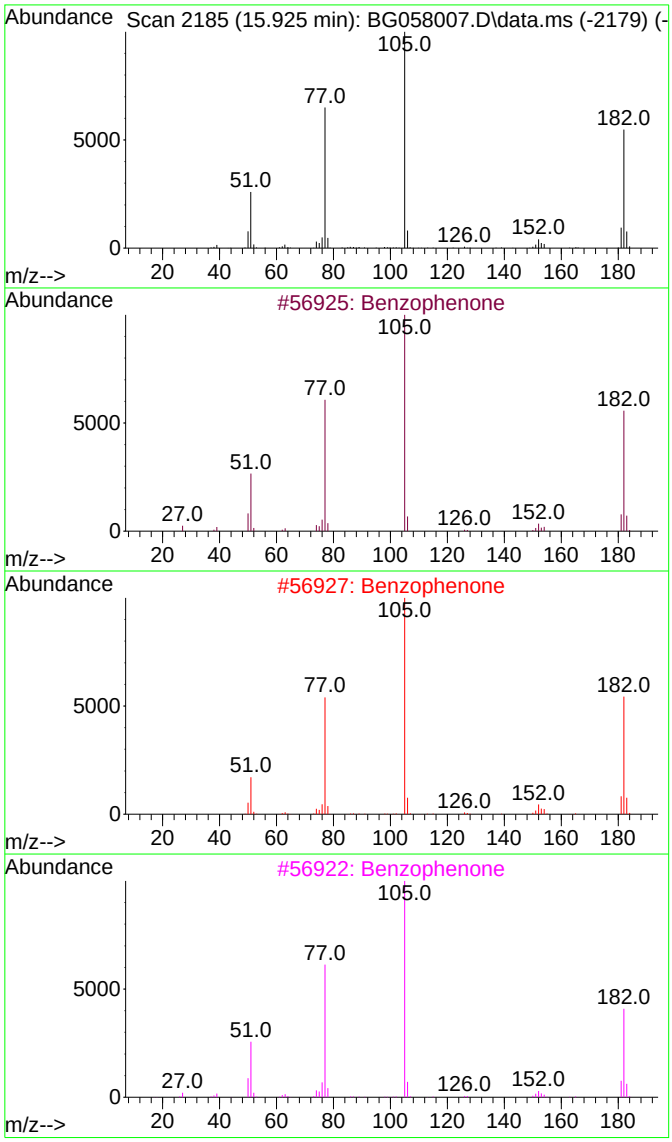
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

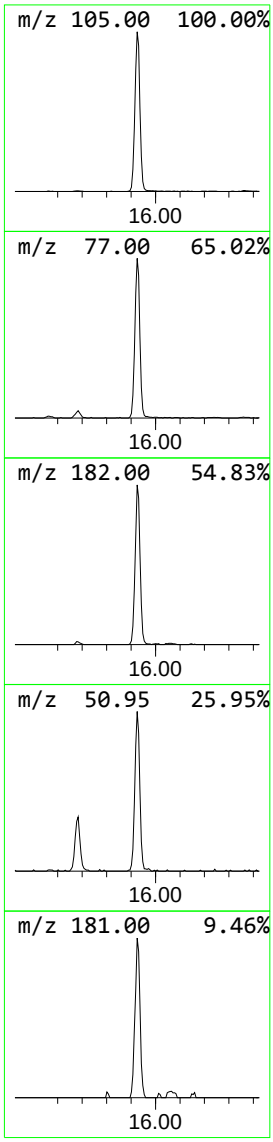
****

Peak Number 2 Benzophenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.925	9.09 ng/ul	448033	Acenaphthene-d10	14.573

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	93
5	Benzophenone	182	C13H10O	000119-61-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058007.D
Acq On : 5 Jul 2023 5:28
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Sample : 03248-08
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN6

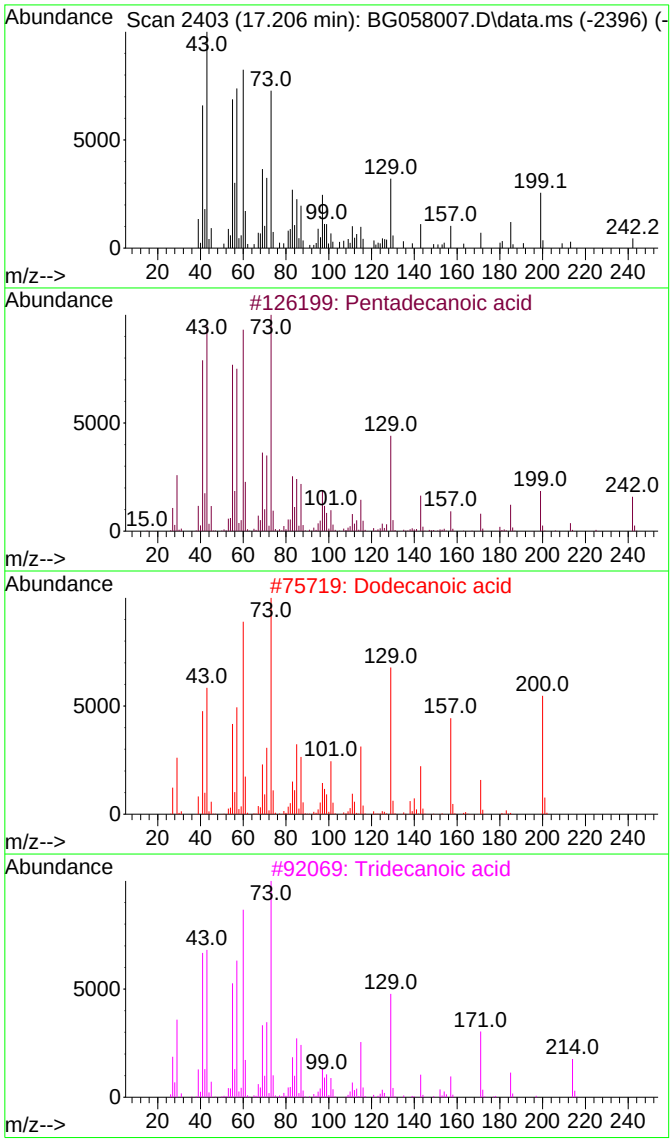
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

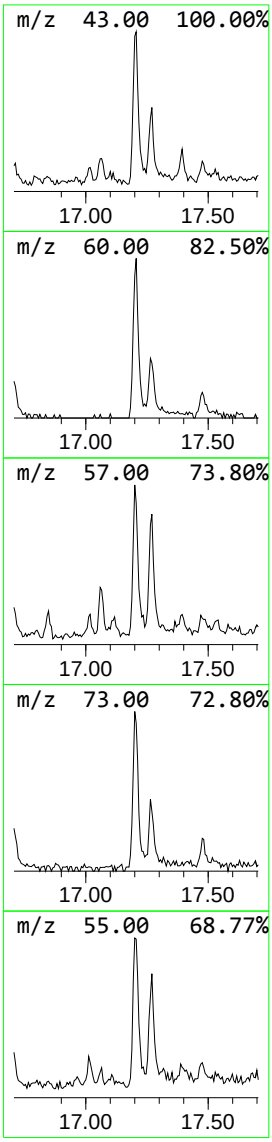
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentadecanoic acid Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.206	3.12 ng/ul	165768	Phenanthrene-d10	17.317

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
2	Dodecanoic acid	200	C12H24O2	000143-07-7	76
3	Tridecanoic acid	214	C13H26O2	000638-53-9	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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Misc :
ALS Vial : 66 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

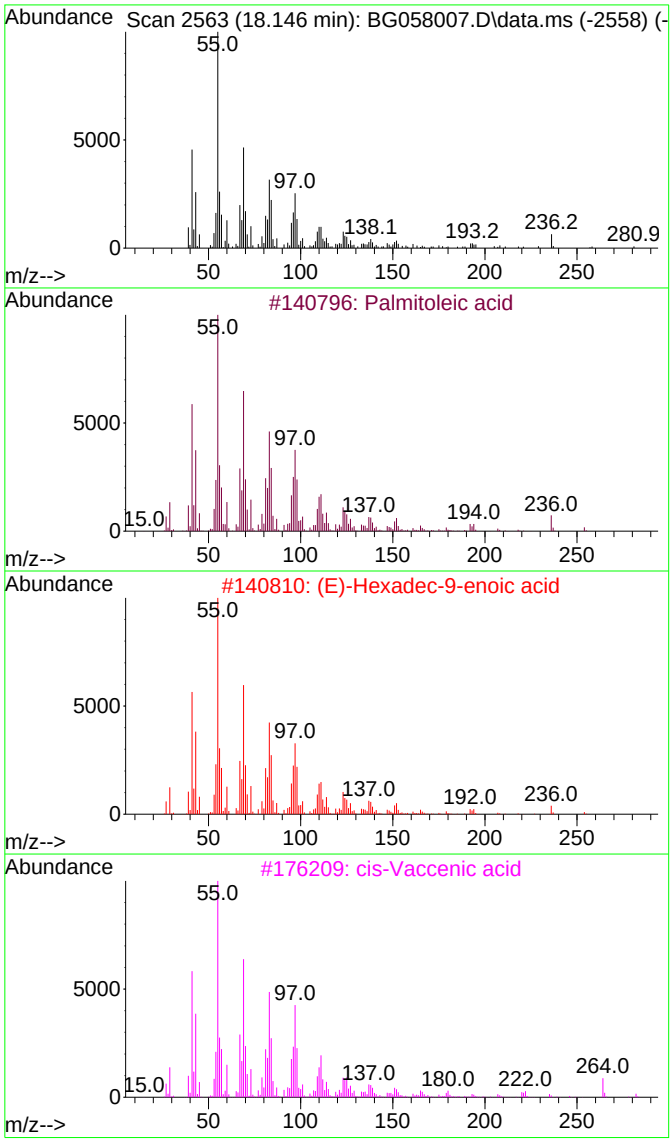
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

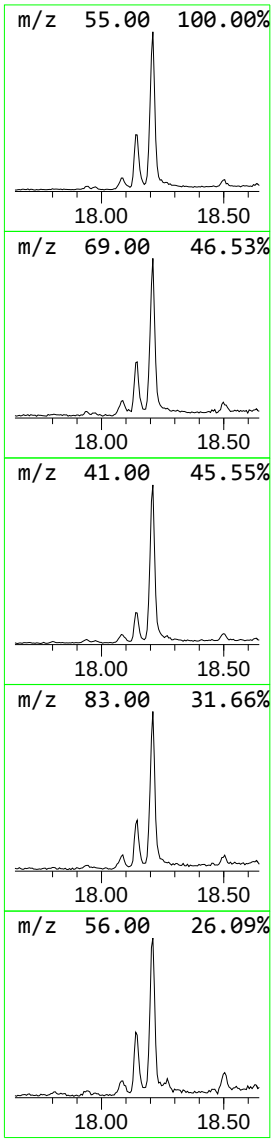
****

Peak Number 4 Palmitoleic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.146	4.86 ng/ul	258553	Phenanthrene-d10	17.317

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Palmitoleic acid	254	C16H30O2	000373-49-9	91
2	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	91
3	cis-Vaccenic acid	282	C18H34O2	000506-17-2	91
4	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	91
5	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058007.D
Acq On : 5 Jul 2023 5:28
Operator : CG/JU
Sample : 03248-08
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN6

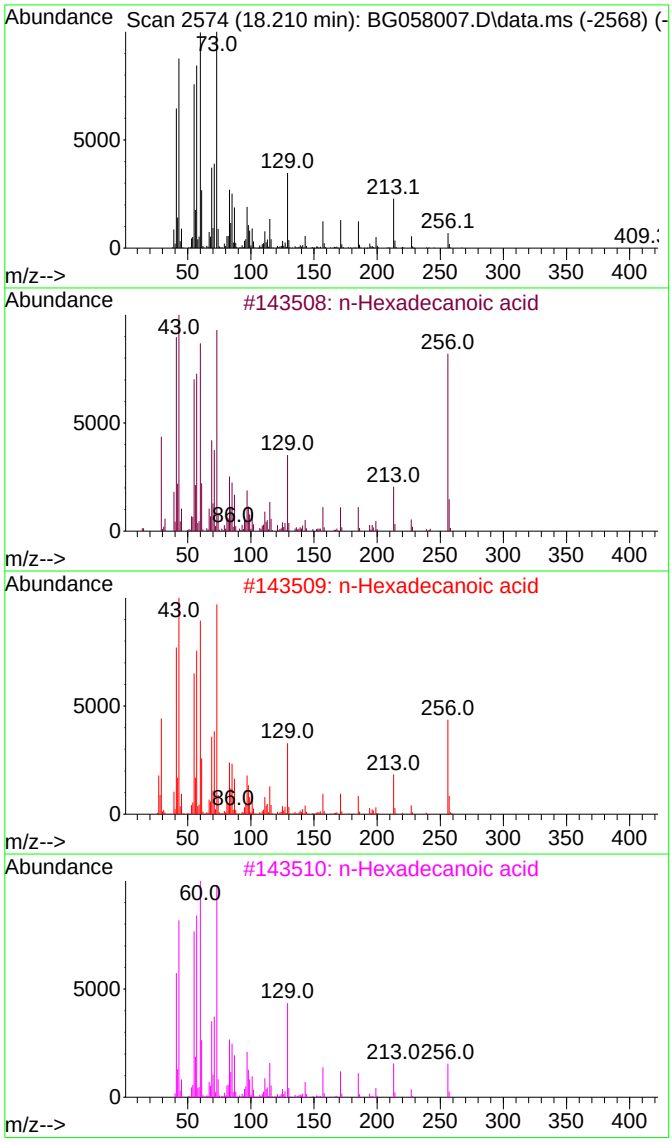
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

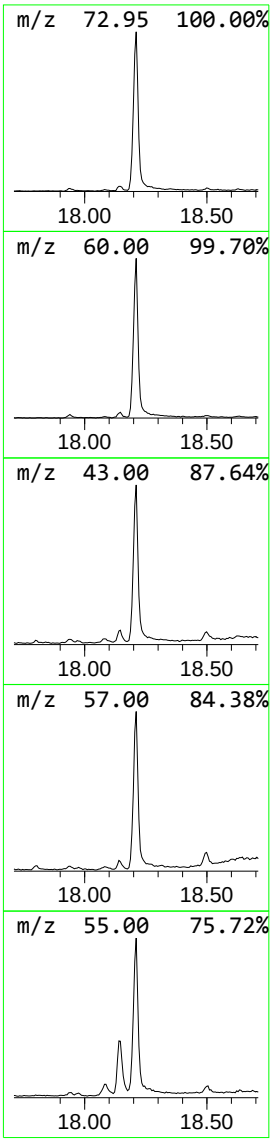
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.210	26.91 ng/ul	1430420	Phenanthrene-d10	17.317

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	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





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Acq On : 5 Jul 2023 5:28
Operator : CG/JU
Sample : 03248-08
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN6

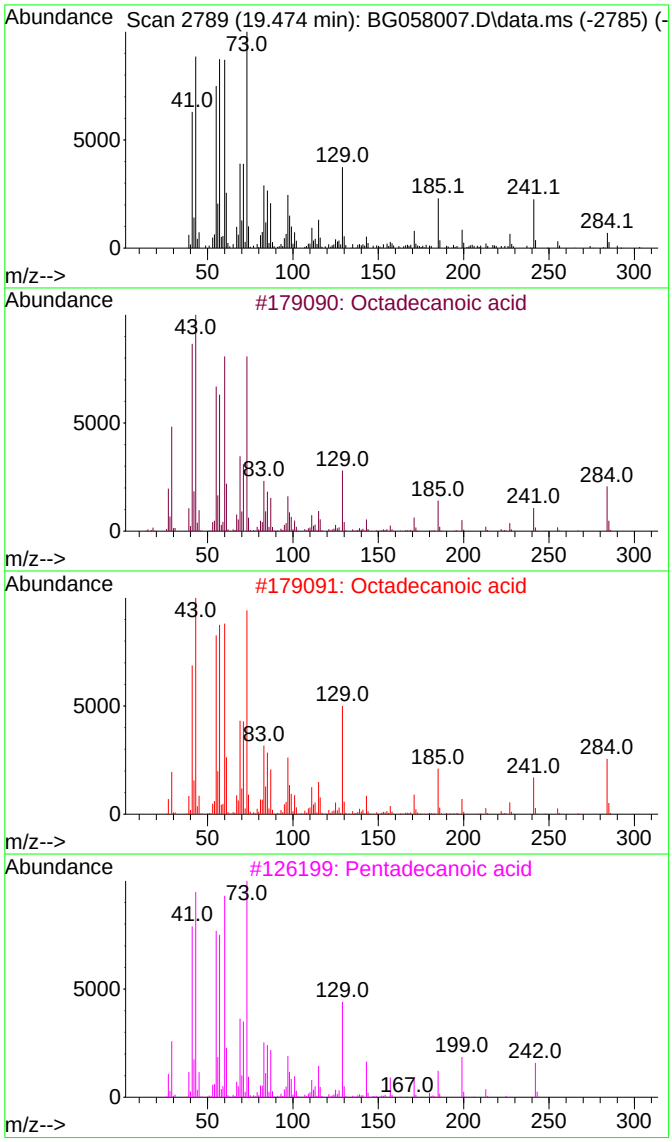
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

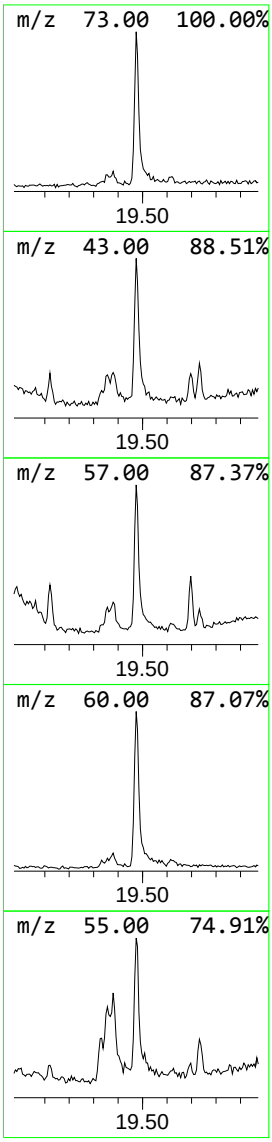
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.474	5.28 ng/ul	315362	Chrysene-d12	21.571

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	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Octadecanoic acid	284	C18H36O2	000057-11-4	90





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Misc :
ALS Vial : 66 Sample Multiplier: 1

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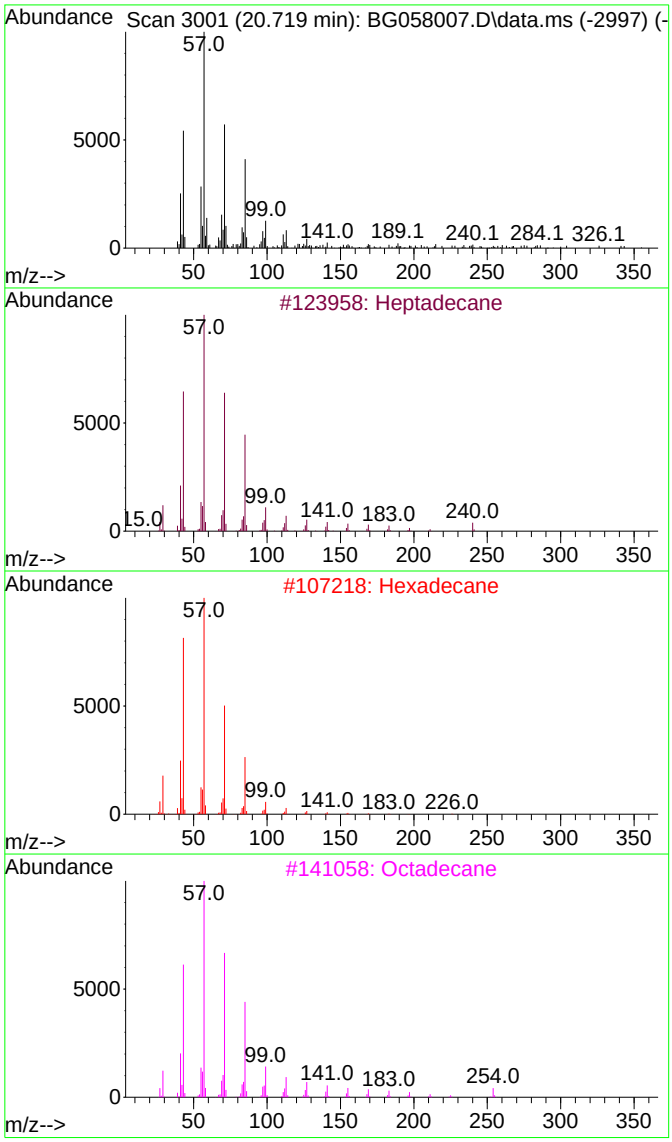
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

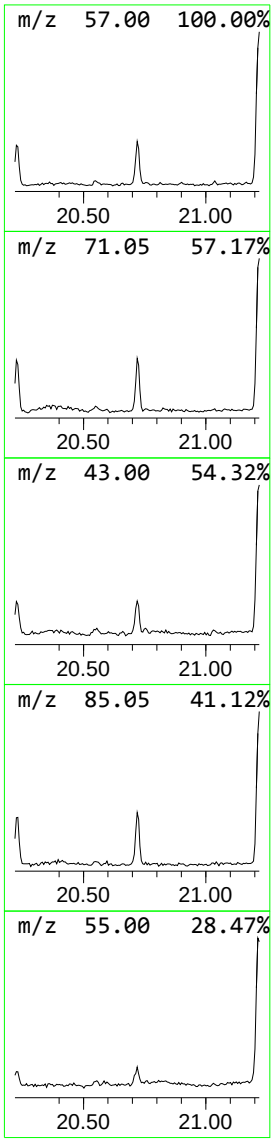
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.719	2.05 ng/ul	122266	Chrysene-d12	21.571

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Hexadecane	226	C16H34	000544-76-3	93
3	Octadecane	254	C18H38	000593-45-3	91
4	Heptadecane	240	C17H36	000629-78-7	89
5	Heptacosane	380	C27H56	000593-49-7	74





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Operator : CG/JU
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Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN6

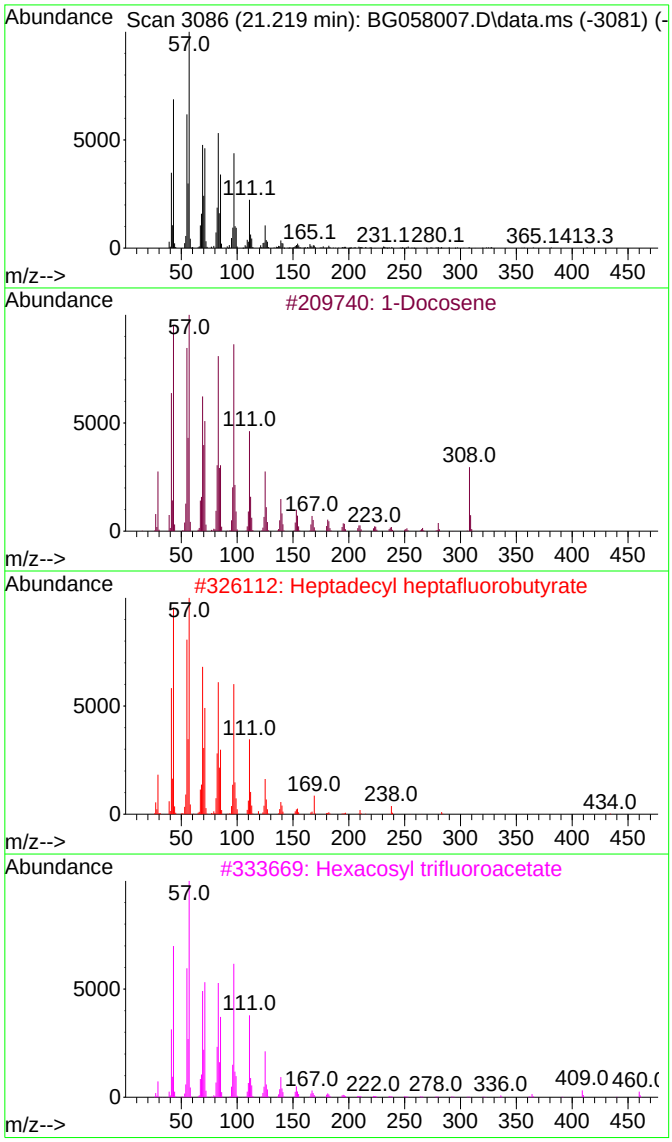
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

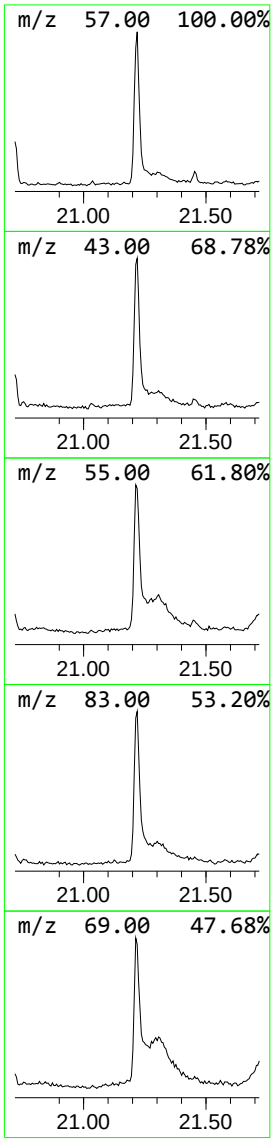
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.218	15.17 ng/ul	905715	Chrysene-d12	21.571

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	96
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
3	Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	91
4	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91
5	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91





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Operator : CG/JU
Sample : 03248-08
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN6

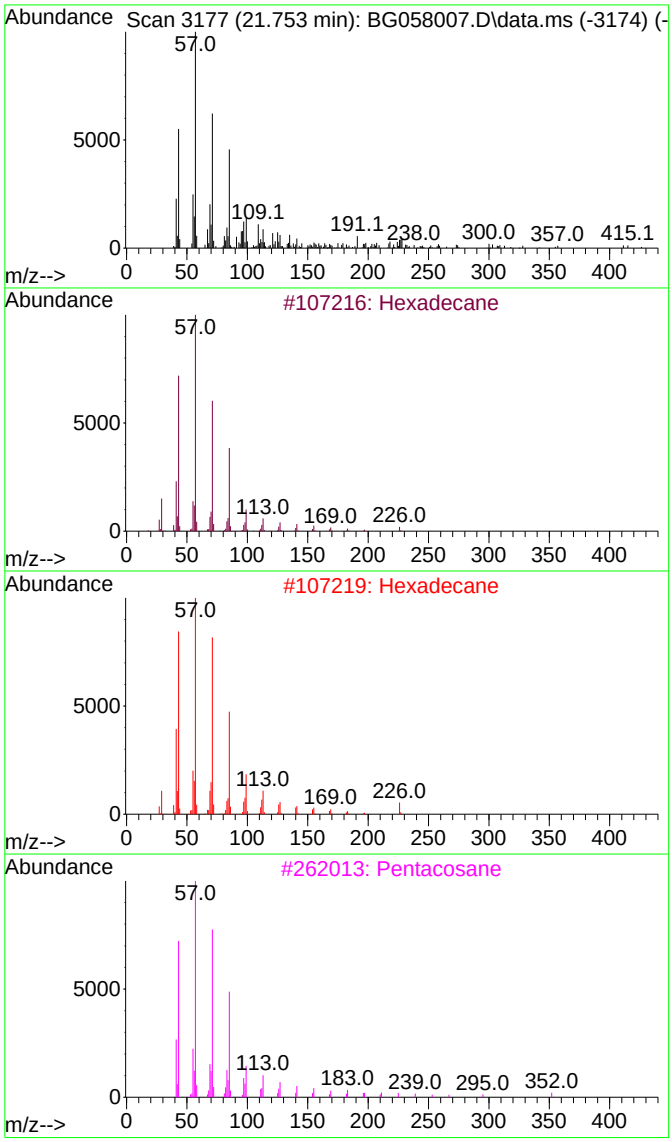
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

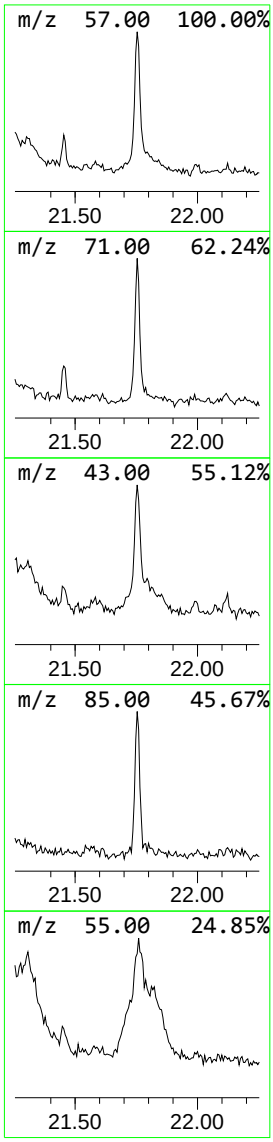
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.753	3.19 ng/ul	190110	Chrysene-d12	21.571

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	89
2	Hexadecane	226	C16H34	000544-76-3	86
3	Pentacosane	352	C25H52	000629-99-2	83
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80
5	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	80





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Sample : 03248-08
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN6

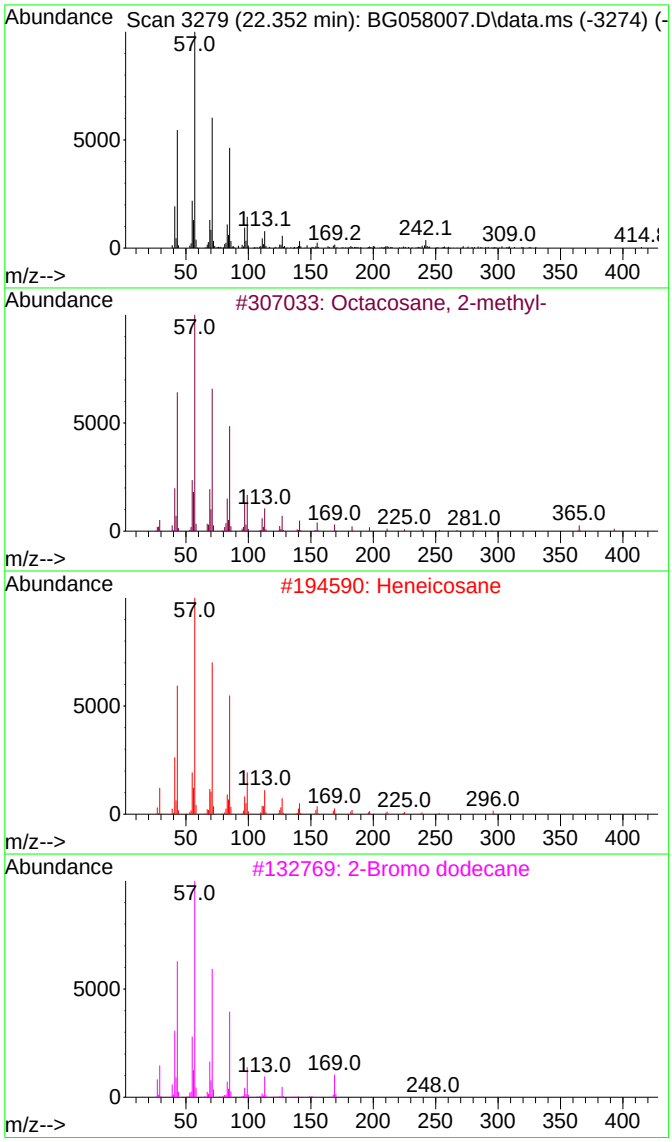
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

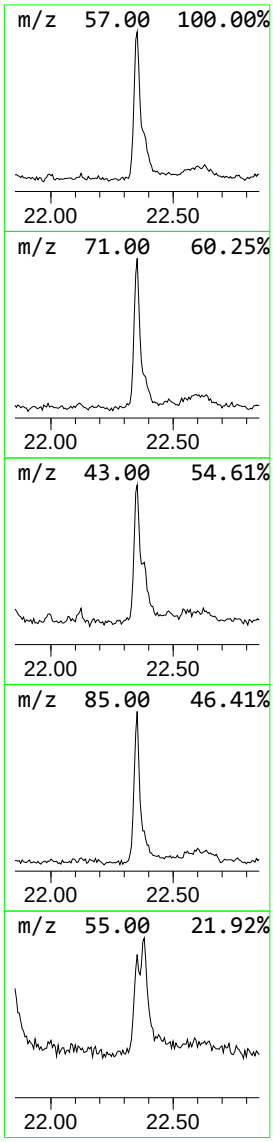
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.352	4.51 ng/ul	269424	Chrysene-d12	21.571

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane, 2-methyl-	408	C29H60	001560-98-1	87
2	Heneicosane	296	C21H44	000629-94-7	86
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
5	Hexacosane	366	C26H54	000630-01-3	86





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Misc :
ALS Vial : 66 Sample Multiplier: 1

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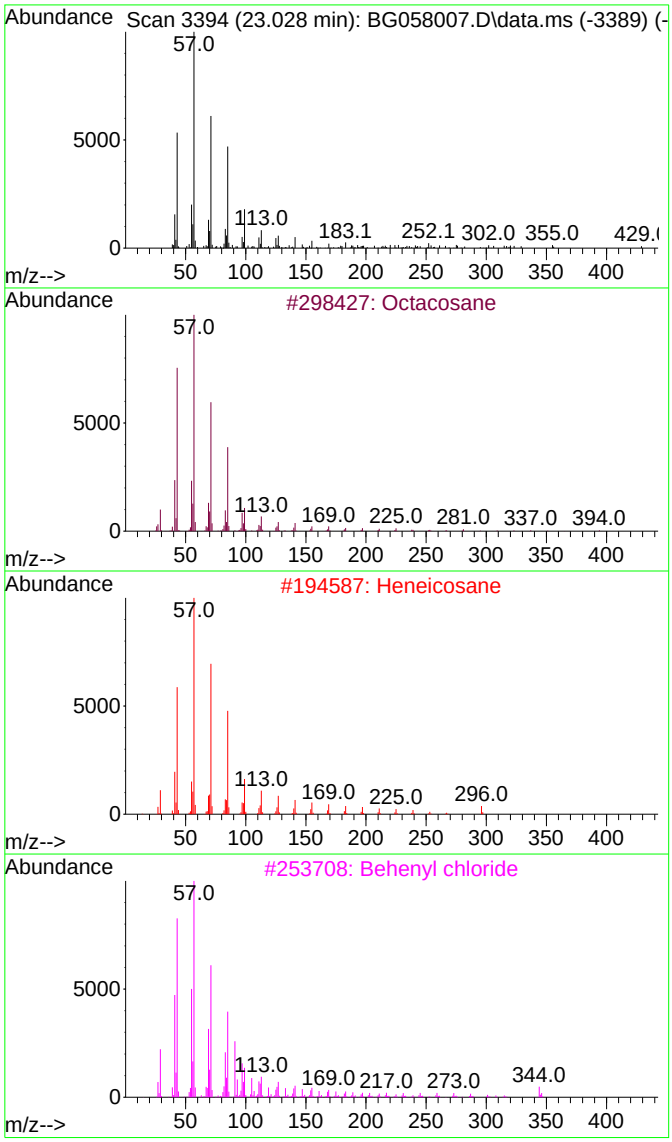
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

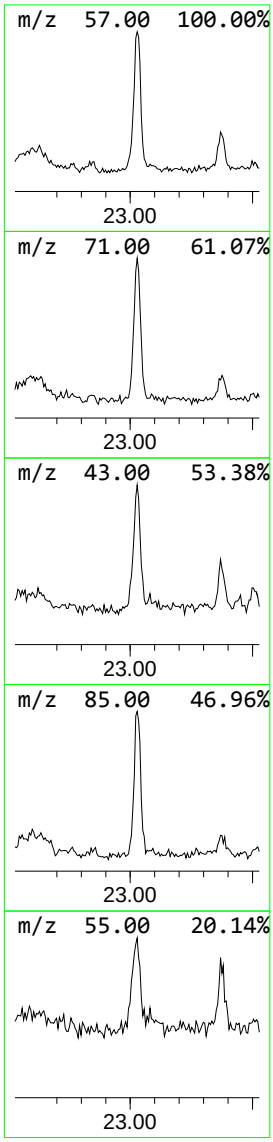
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.028	3.01 ng/ul	179915	Chrysene-d12	21.571

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	80
2	Heneicosane	296	C21H44	000629-94-7	80
3	Behenyl chloride	344	C22H45Cl	042217-03-8	72
4	Octadecane	254	C18H38	000593-45-3	72
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	72





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Sample : 03248-08
Misc :
ALS Vial : 66 Sample Multiplier: 1

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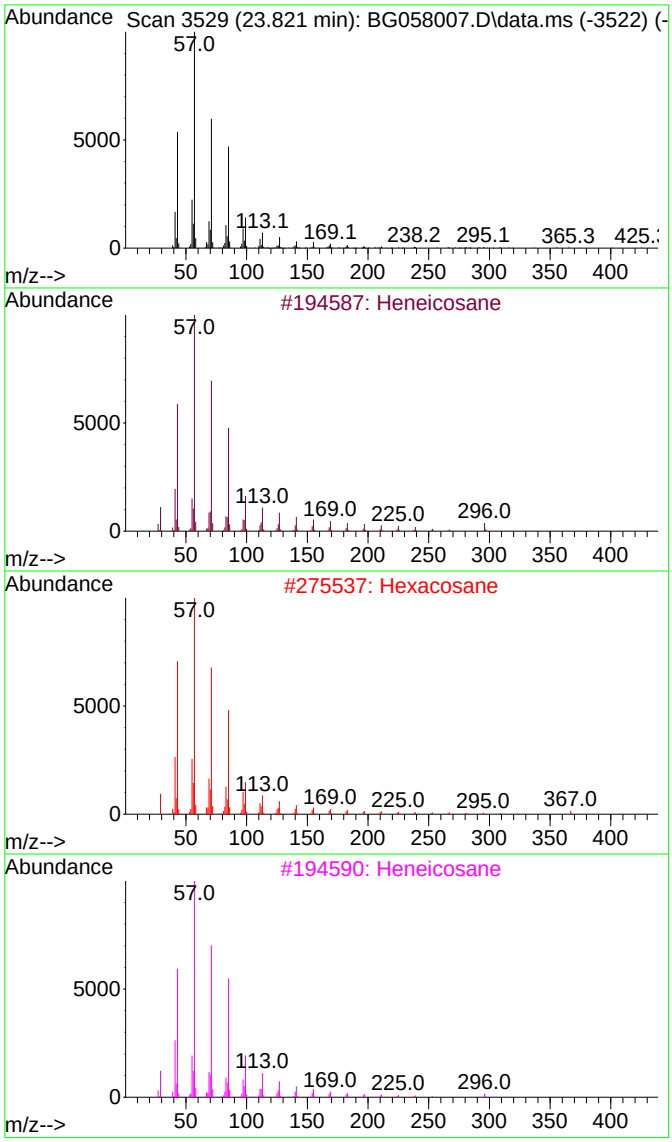
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

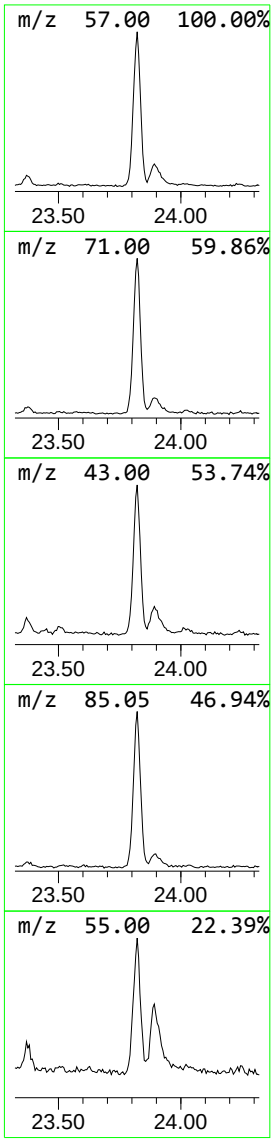
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.821	9.53 ng/ul	678431	Perylene-d12	24.744

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexacosane, 1-iodo-	492	C26H53I	1000406-32-1	87
5	Heptacosane	380	C27H56	000593-49-7	87





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Sample : 03248-08
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN6

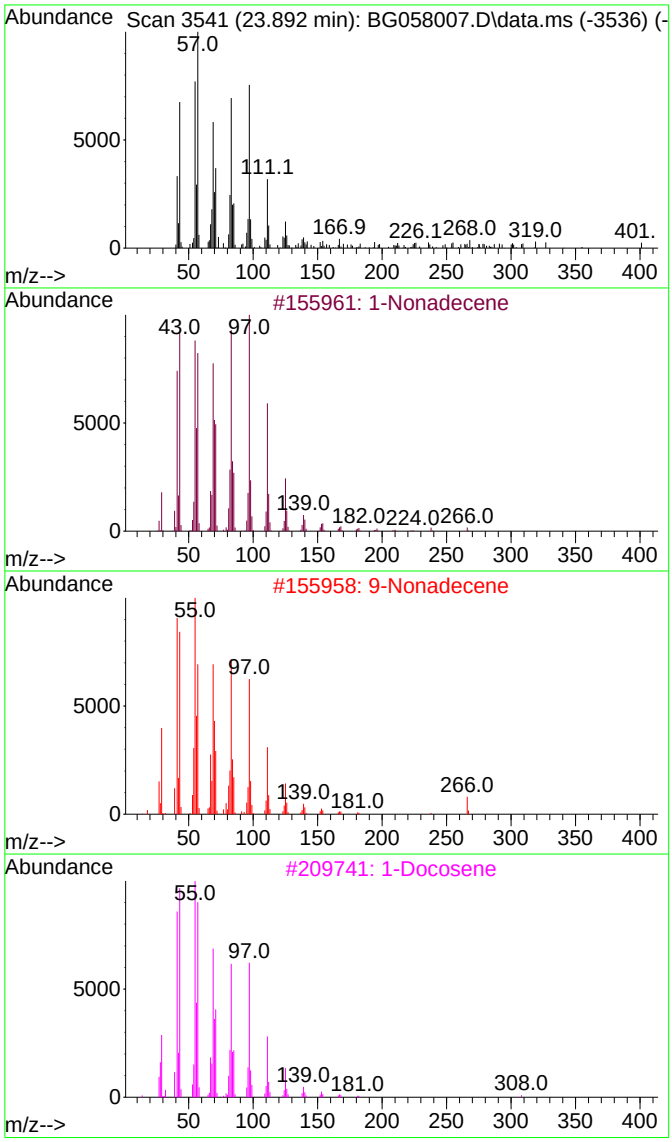
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

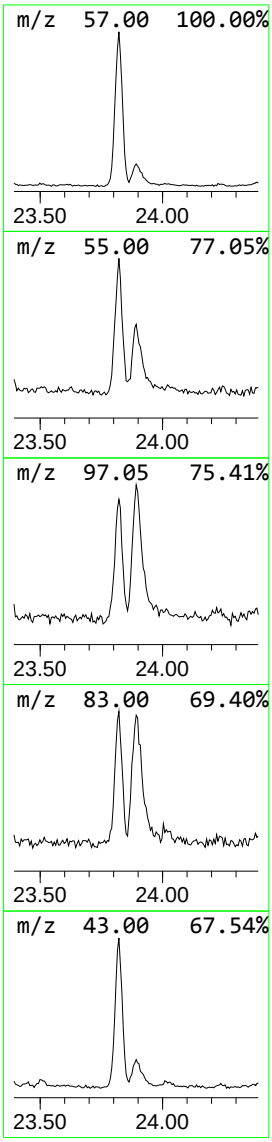
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.892	3.57 ng/ul	254269	Perylene-d12	24.744

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	93
2	9-Nonadecene	266	C19H38	031035-07-1	91
3	1-Docosene	308	C22H44	001599-67-3	91
4	Fumaric acid, 2-chloroethyl pent...	388	C21H37ClO4	1000330-62-1	90
5	1-Nonadecene	266	C19H38	018435-45-5	90





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Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN6

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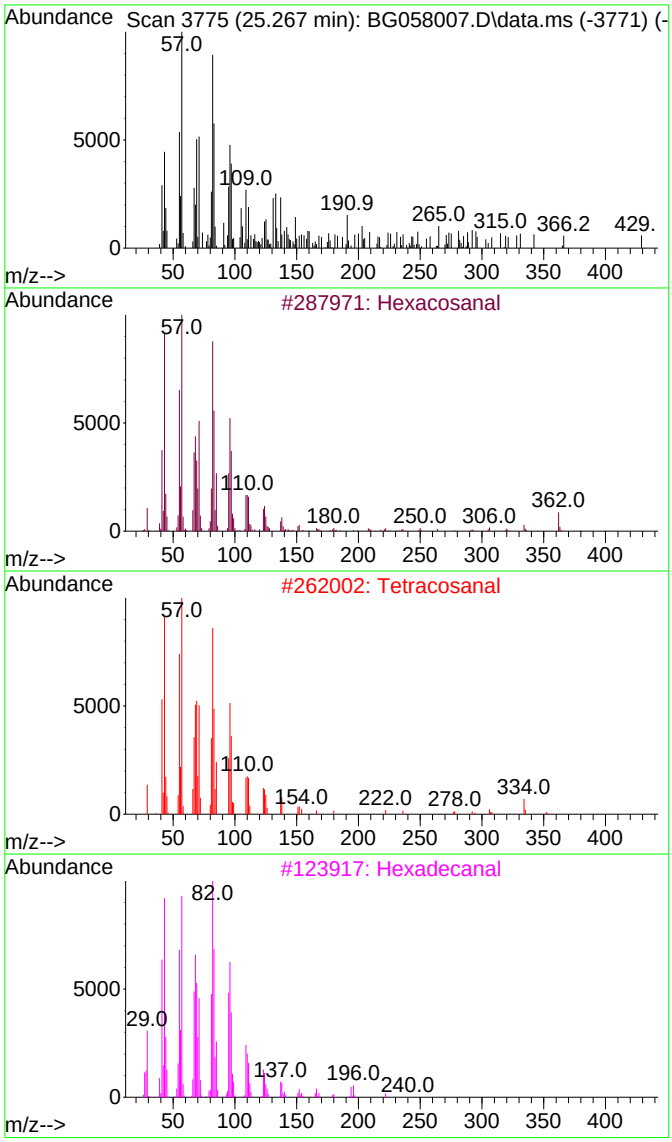
Quant Title : SVOA CALIBRATION

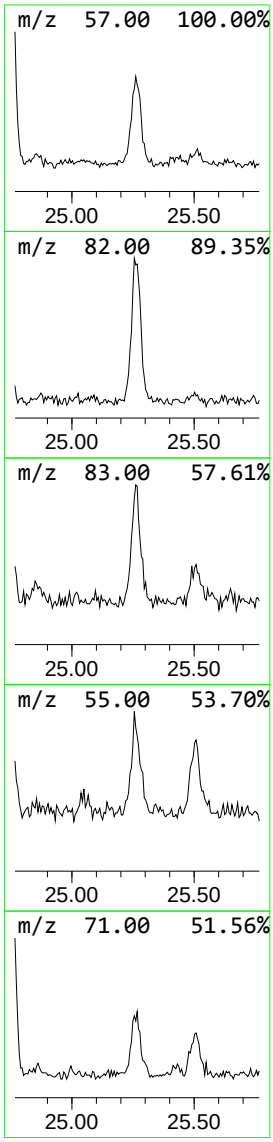
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Hexacosanal Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.267	2.39 ng/ul	170135	Perylene-d12	24.744

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosanal	380	C26H52O	026627-85-0	58
2	Tetracosanal	352	C24H48O	057866-08-7	53
3	Hexadecanal	240	C16H32O	000629-80-1	50
4	3,9-Diazabicyclo[4.2.1]nonan-4-o...	154	C8H14N2O	007309-42-4	43
5	11-cis-Vaccenyl acetate	310	C20H38O2	006186-98-7	27





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ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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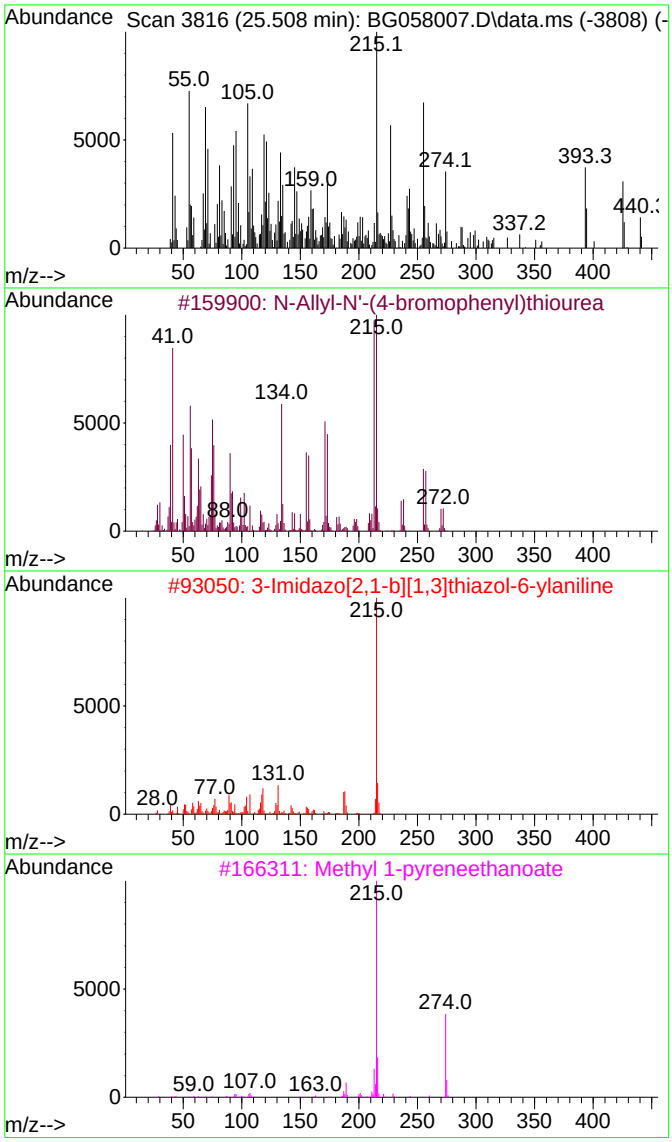
Quant Title : SVOA CALIBRATION

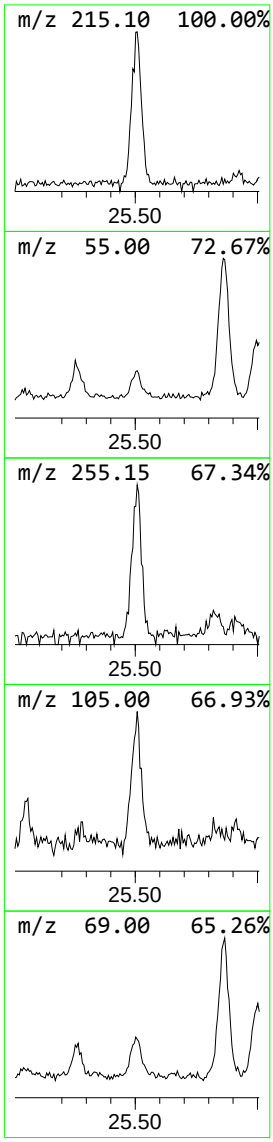
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 N-Allyl-N'-(4-bromophenyl)t... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.508	4.97 ng/ul	353856	Perylene-d12	24.744

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Allyl-N'-(4-bromophenyl)thiourea	270	C10H11BrN2S	067544-10-9	68
2	3-Imidazo[2,1-b][1,3]thiazol-6-y...	215	C11H9N3S	861206-26-0	25
3	Methyl 1-pyreneethanoate	274	C19H14O2	073654-19-0	20
4	Barbituric acid, 5-allyl-5-phenyl-	244	C13H12N2O3	000115-43-5	15
5	6H-Benzo[d]pyrimido[5,4-b]thiopy...	215	C11H9N3S	1010267-44-6	15





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Misc :
ALS Vial : 66 Sample Multiplier: 1

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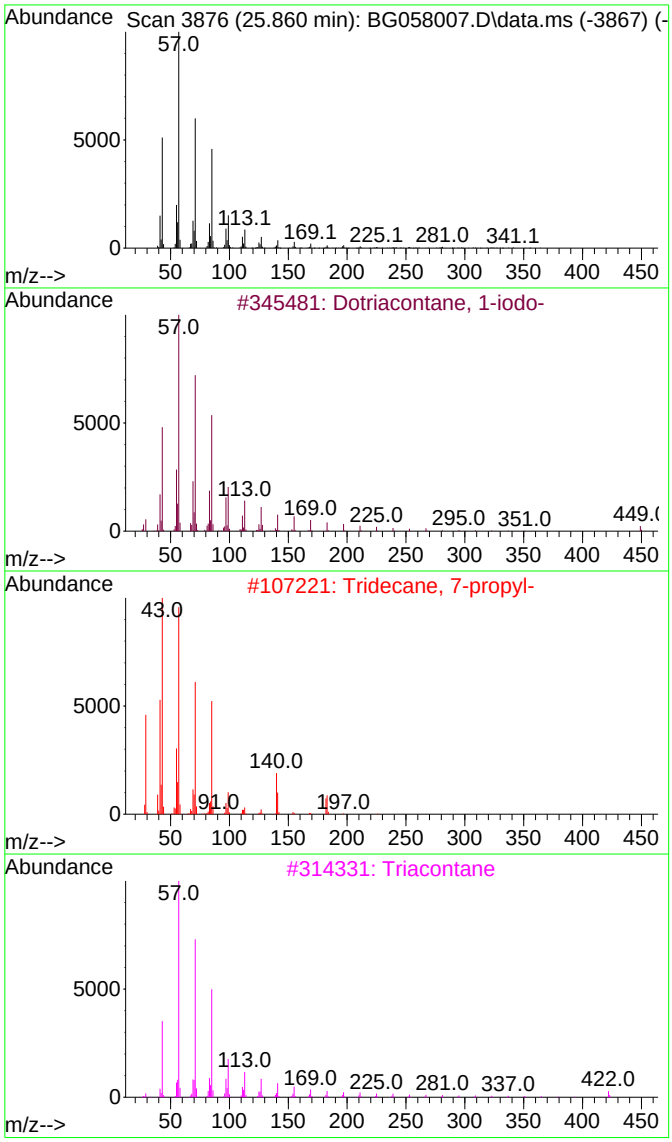
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

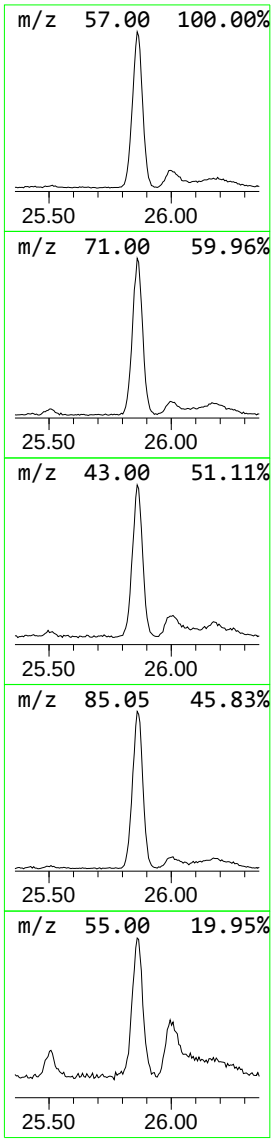
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Dotriacontane, 1-iodo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.860	18.29 ng/ul	1302440	Perylene-d12	24.744

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	90
3	Triacontane	422	C30H62	000638-68-6	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Nonadecane	268	C19H40	000629-92-5	86





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Operator : CG/JU
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Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN6

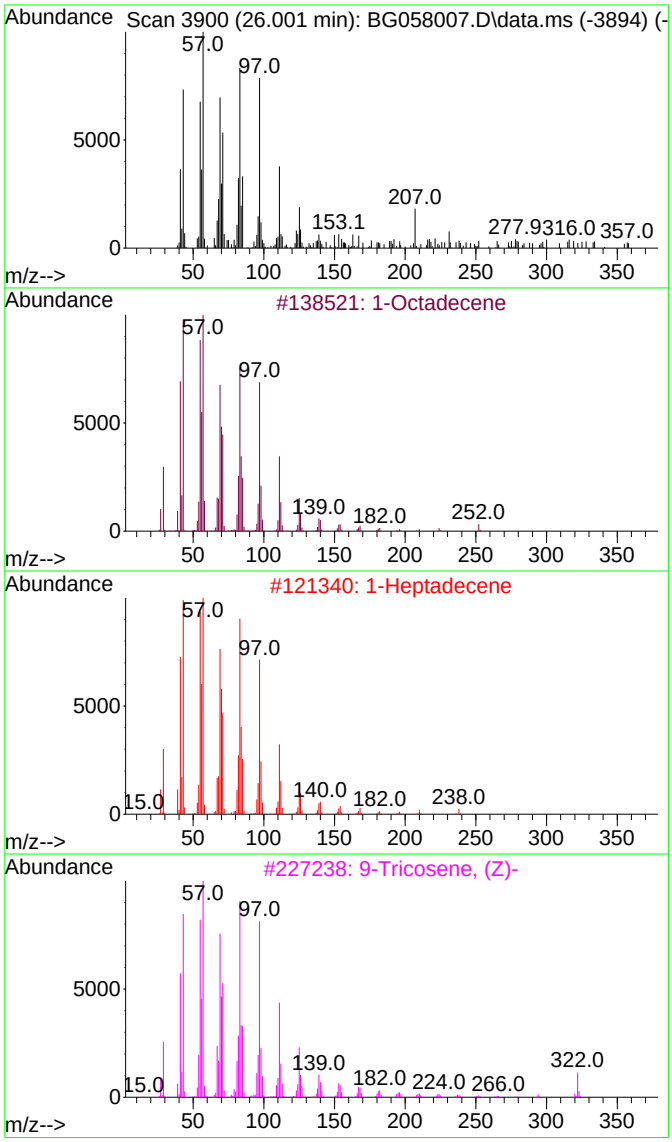
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

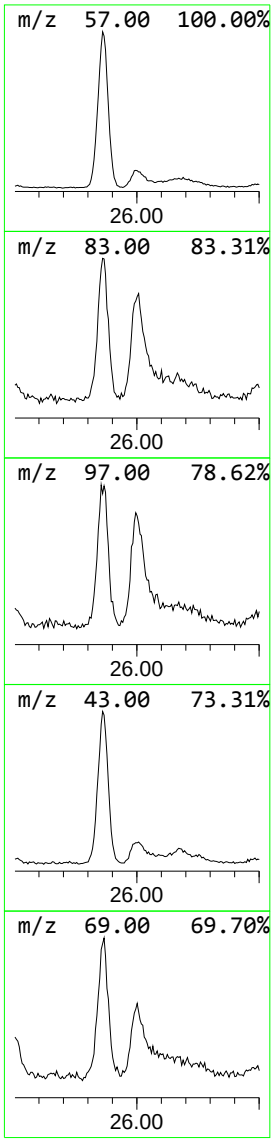
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.001	3.33 ng/ul	237366	Perylene-d12	24.744

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	93
2	1-Heptadecene	238	C17H34	006765-39-5	91
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
5	1-Tricosene	322	C23H46	018835-32-0	91





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Data File : BG058007.D
Acq On : 5 Jul 2023 5:28
Operator : CG/JU
Sample : 03248-08
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN6

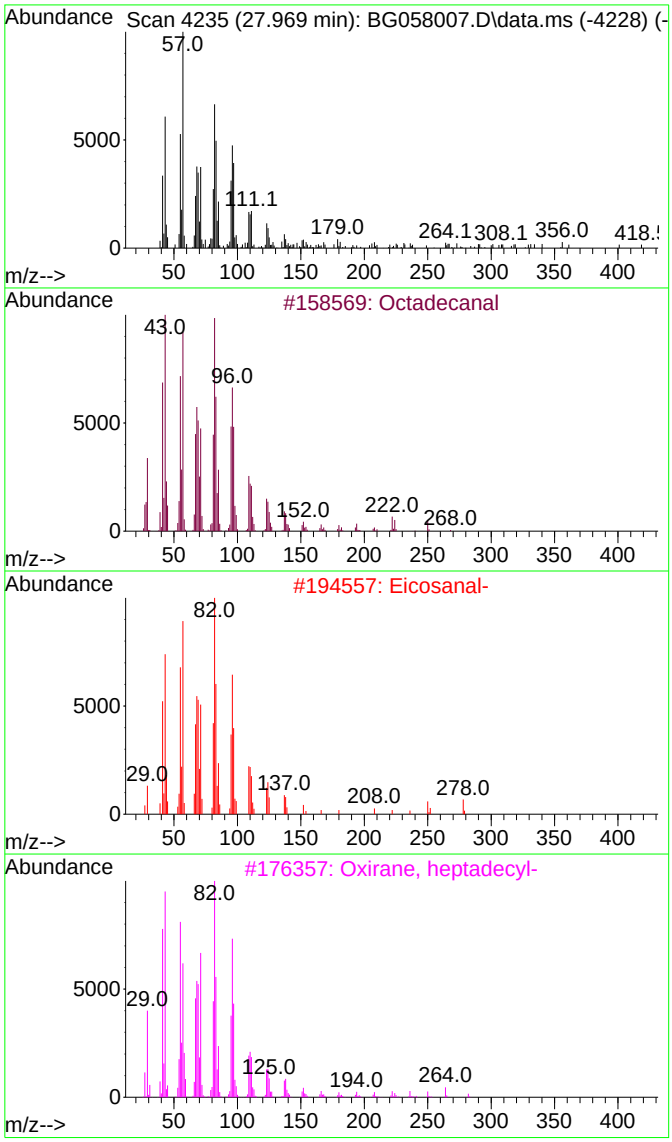
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

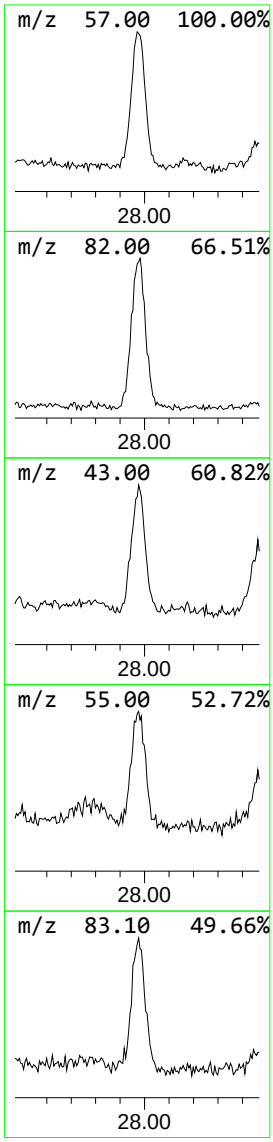
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Octadecanal Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.969	6.77 ng/ul	482085	Perylene-d12	24.744

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	87
2	Eicosanal-	296	C20H40O	002400-66-0	87
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	87
4	12-Octadecenal	266	C18H34O	056554-91-7	86
5	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	86





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Data File : BG058007.D
Acq On : 5 Jul 2023 5:28
Operator : CG/JU
Sample : 03248-08
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN6

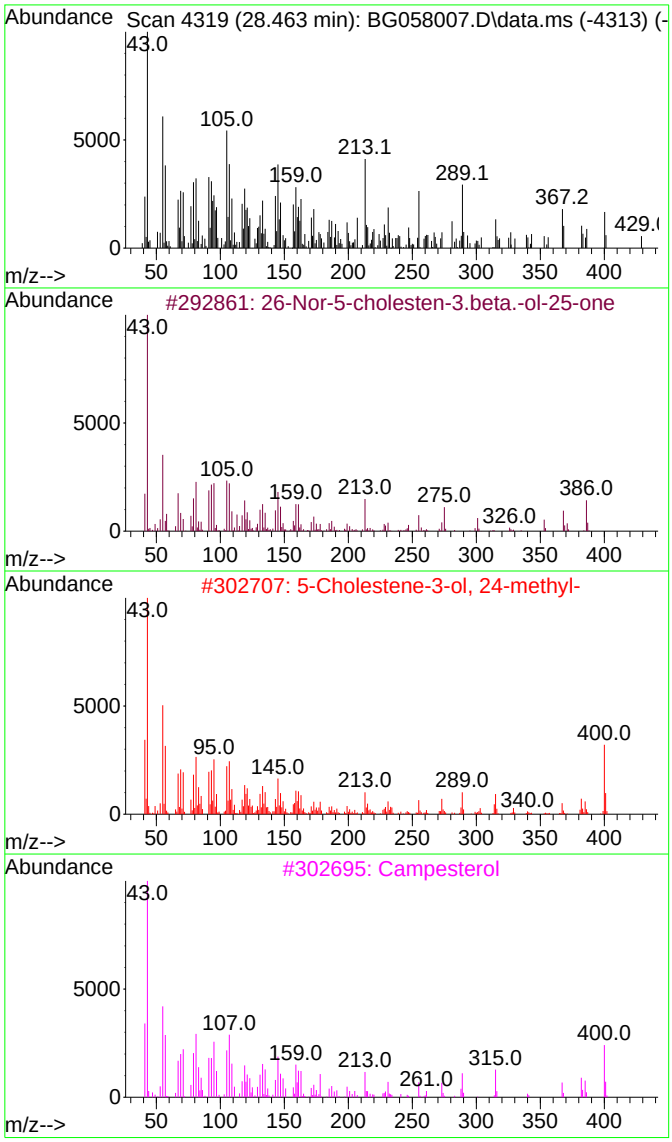
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

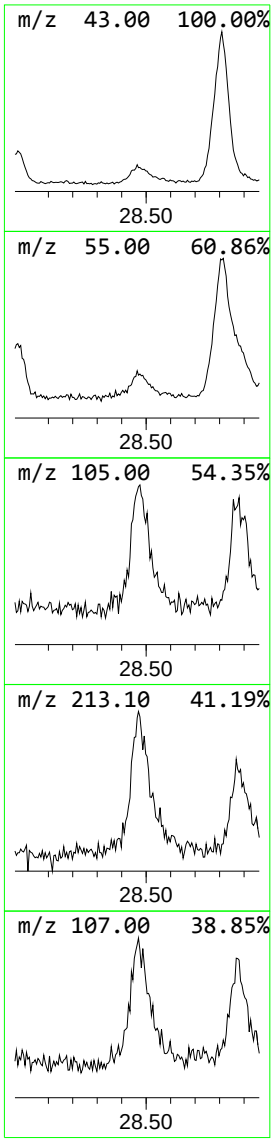
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 26-Nor-5-cholesten-3.beta.-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.463	5.04 ng/ul	358711	Perylene-d12	24.744

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	83
2	5-Cholestene-3-ol, 24-methyl-	400	C28H48O	290299-12-6	83
3	Campesterol	400	C28H48O	000474-62-4	70
4	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	70
5	Campesterol	400	C28H48O	000474-62-4	68





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Acq On : 5 Jul 2023 5:28
Operator : CG/JU
Sample : 03248-08
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN6

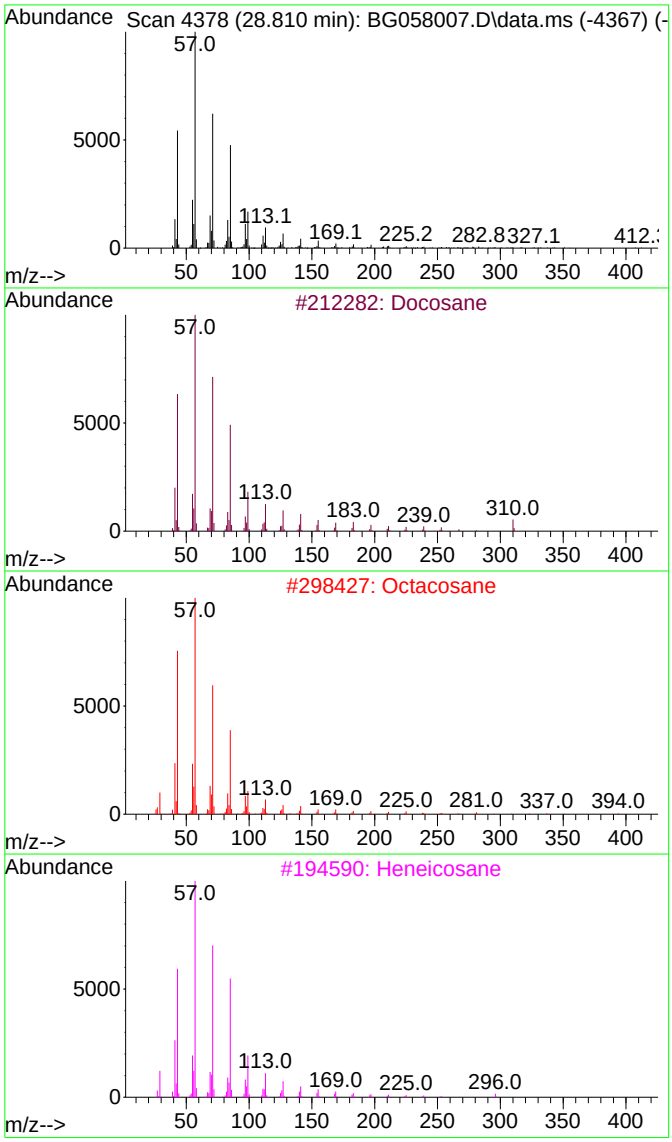
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

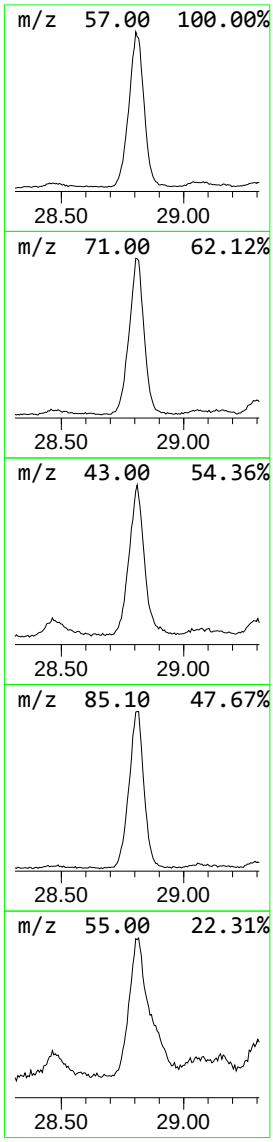
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.810	27.21 ng/ul	1937160	Perylene-d12	24.744

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	97
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91





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Data File : BG058007.D
Acq On : 5 Jul 2023 5:28
Operator : CG/JU
Sample : 03248-08
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN6

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

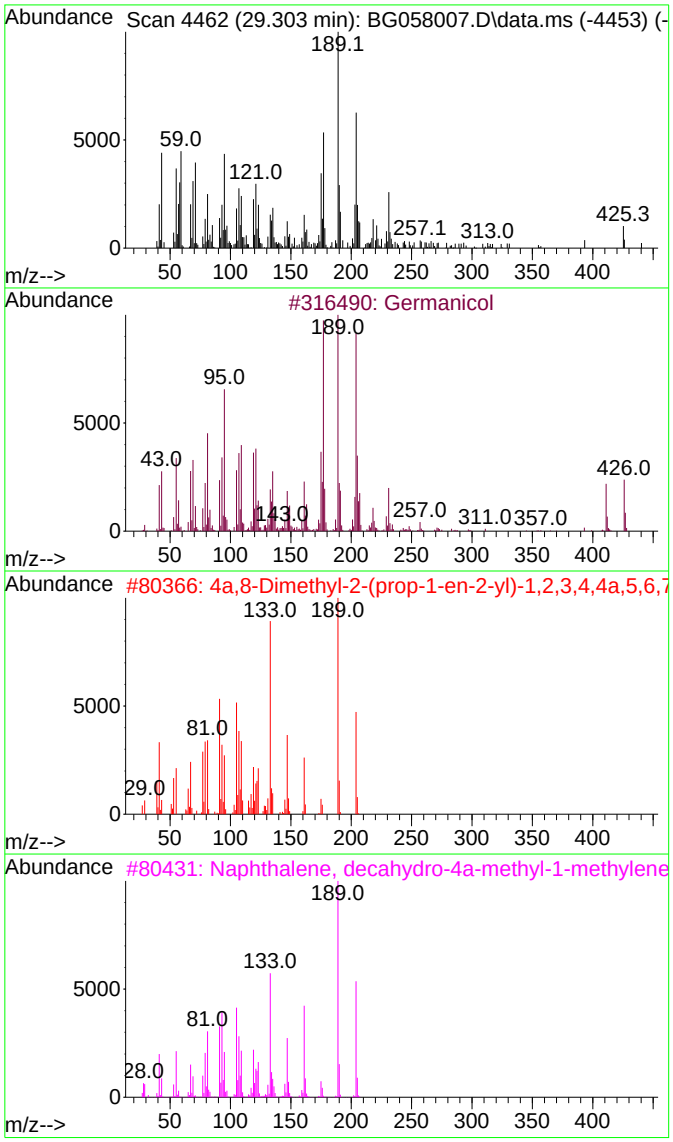
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

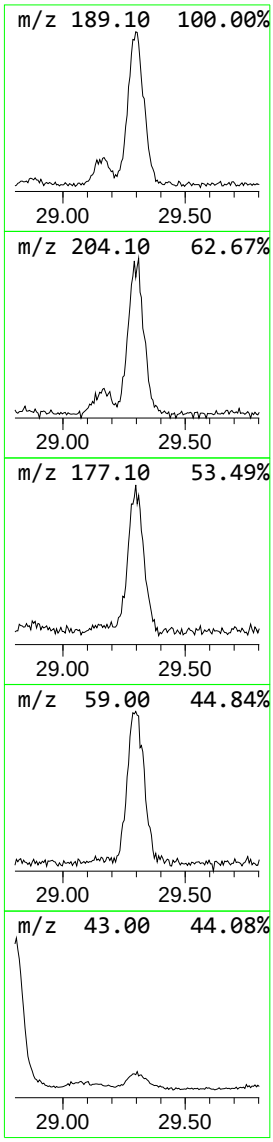
****

Peak Number 21 Germanicol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.303	11.11 ng/ul	790790	Perylene-d12	24.744

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Germanicol	426	C30H50O	000465-02-1	52
2	4a,8-Dimethyl-2-(prop-1-en-2-yl)...	204	C15H24	103827-22-1	50
3	Naphthalene, decahydro-4a-methyl...	204	C15H24	000515-17-3	46
4	Germanicol	426	C30H50O	000465-02-1	43
5	1,3a-Ethano-3aH-indene, 1,2,3,6,...	204	C15H24	004545-68-0	38





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Data File : BG058007.D
Acq On : 5 Jul 2023 5:28
Operator : CG/JU
Sample : 03248-08
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN6

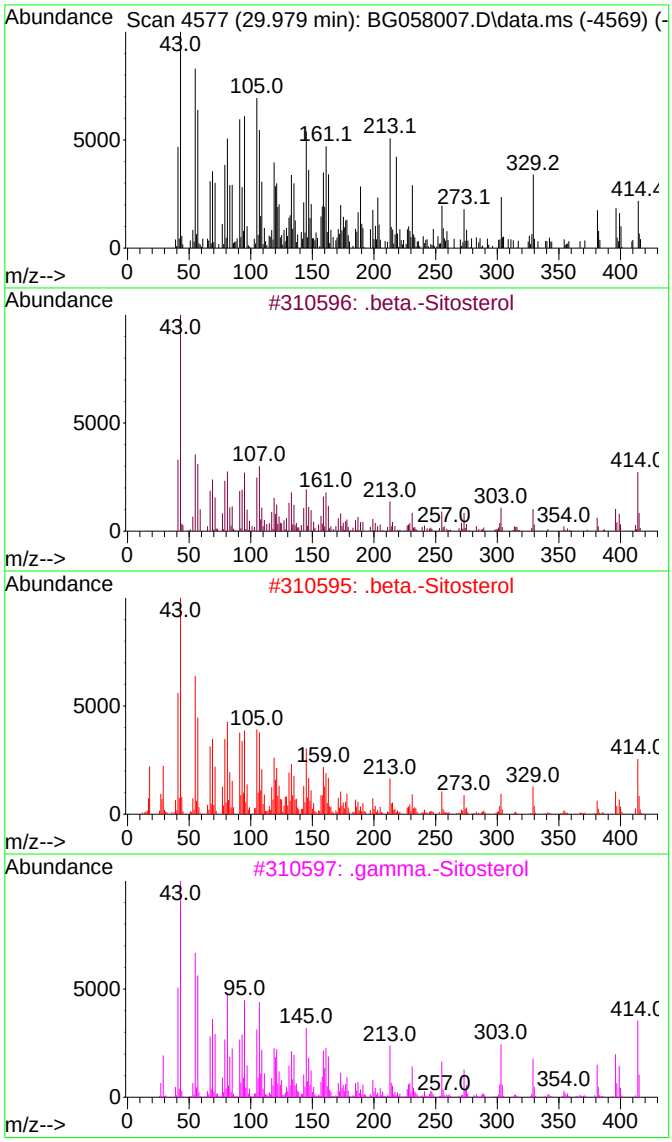
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

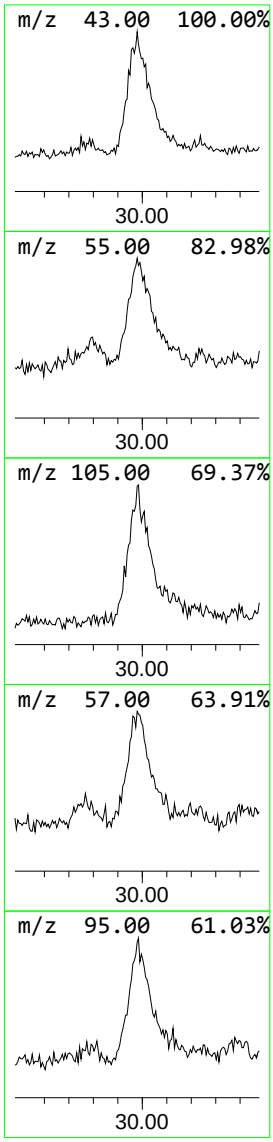
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 .beta.-Sitosterol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.979	11.63 ng/ul	828028	Perylene-d12	24.744

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	91
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	70
3	.gamma.-Sitosterol	414	C29H50O	000083-47-6	47
4	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	46
5	Campesterol	400	C28H48O	000474-62-4	46





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Data File : BG058007.D
Acq On : 5 Jul 2023 5:28
Operator : CG/JU
Sample : 03248-08
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN6

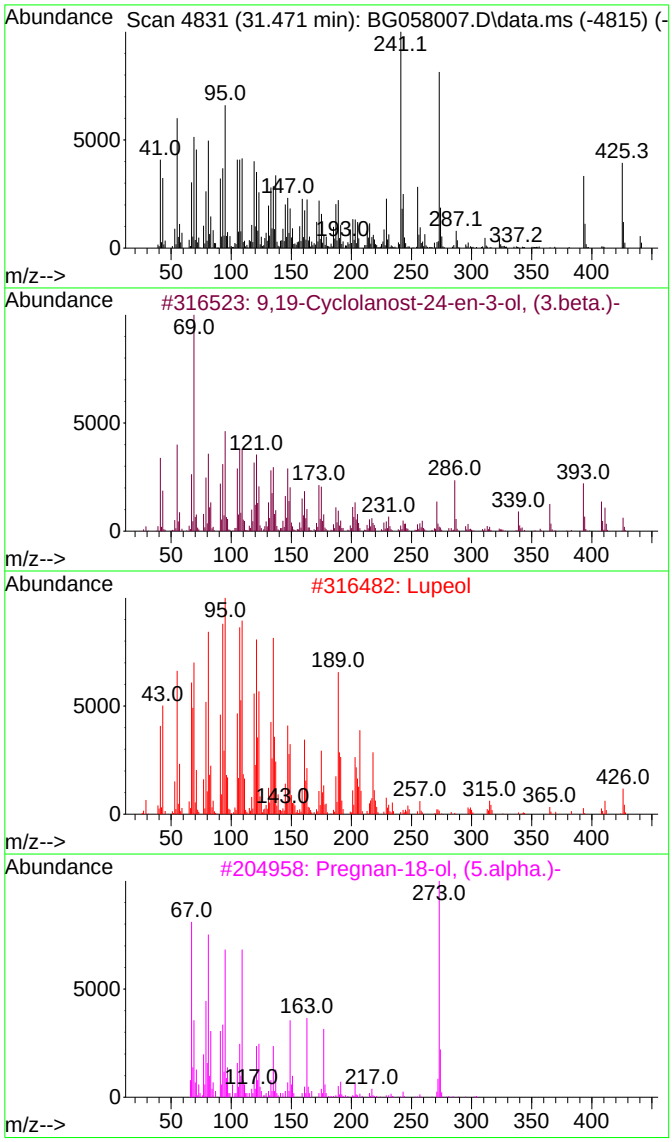
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION

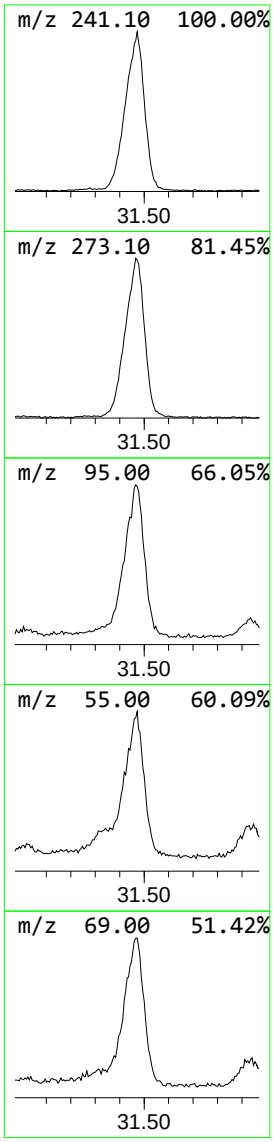
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 9,19-Cyclolanost-24-en-3-ol... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.471	67.01 ng/ul	4771140	Perylene-d12	24.744

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,19-Cyclolanost-24-en-3-ol, (3....	426	C30H50O	000469-38-5	59
2	Lupeol	426	C30H50O	000545-47-1	51
3	Pregnan-18-ol, (5.alpha.)-	304	C21H36O	056053-09-9	35
4	Undec-10-ynoic acid, 2,7-dimethy...	316	C21H32O2	1000406-96-7	25
5	Lupeol	426	C30H50O	000545-47-1	20





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Data File : BG058007.D
Acq On : 5 Jul 2023 5:28
Operator : CG/JU
Sample : 03248-08
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN6

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

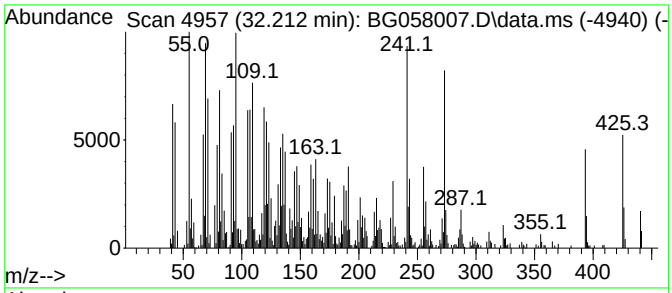
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

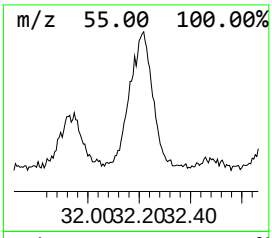
****

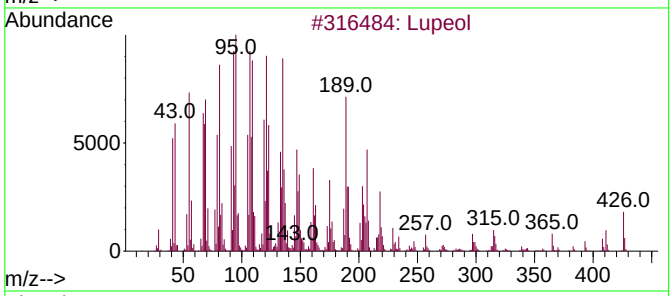
Peak Number 24 unknown-01 Concentration Rank 3

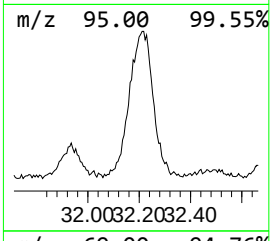
R.T.	EstConc	Area	Relative to ISTD	R.T.
32.212	44.46 ng/ul	3165890	Perylene-d12	24.744

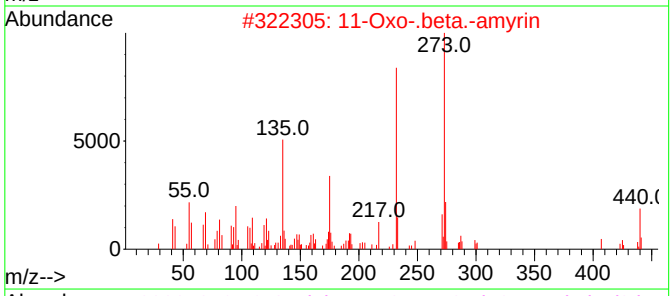
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lupeol	426	C30H50O	000545-47-1	47
2	11-Oxo-.beta.-amyrin	440	C30H48O2	038242-02-3	46
3	9,19-Cyclolanost-25-en-3-ol, 24-...	440	C31H52O	000511-61-5	38
4	9,19-Cyclolanost-24-en-3-ol, (3....	426	C30H50O	000469-38-5	27
5	Crinan-1-ol, (1.alpha.)-	273	C16H19NO3	041928-89-6	18

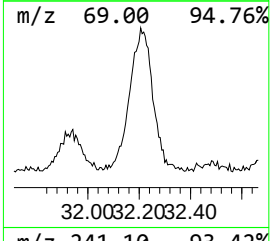


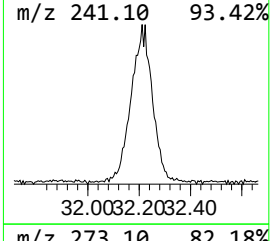


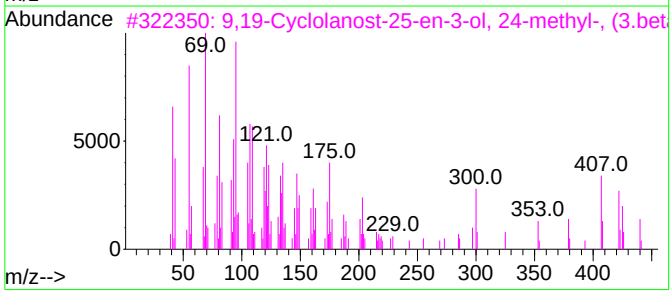


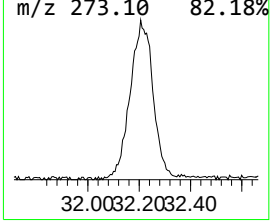












Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG058007.D
Acq On : 5 Jul 2023 5:28
Operator : CG/JU
Sample : 03248-08
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCGN6

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...	3.116	149.0	ng/ul	3306670	1	7.940	443819	20.0
Benzophenone	15.925	9.1	ng/ul	448033	3	14.573	985872	20.0
Pentadecanoic acid	17.206	3.1	ng/ul	165768	4	17.317	1062960	20.0
Palmitoleic acid	18.146	4.9	ng/ul	258553	4	17.317	1062960	20.0
n-Hexadecanoic ...	18.210	26.9	ng/ul	1430420	4	17.317	1062960	20.0
Octadecanoic acid	19.474	5.3	ng/ul	315362	5	21.571	1193700	20.0
(DEL) Alkane: S...	20.719	2.0	ng/ul	122266	5	21.571	1193700	20.0
(DEL) Alkane: S...	21.218	15.2	ng/ul	905715	5	21.571	1193700	20.0
(DEL) Alkane: S...	21.753	3.2	ng/ul	190110	5	21.571	1193700	20.0
(DEL) Alkane: S...	22.352	4.5	ng/ul	269424	5	21.571	1193700	20.0
(DEL) Alkane: S...	23.028	3.0	ng/ul	179915	5	21.571	1193700	20.0
(DEL) Alkane: S...	23.821	9.5	ng/ul	678431	6	24.744	1424060	20.0
(DEL) Alkane: S...	23.892	3.6	ng/ul	254269	6	24.744	1424060	20.0
Hexacosanal	25.267	2.4	ng/ul	170135	6	24.744	1424060	20.0
N-Allyl-N'-(4-b...	25.508	5.0	ng/ul	353856	6	24.744	1424060	20.0
Dotriacontane, ...	25.860	18.3	ng/ul	1302440	6	24.744	1424060	20.0
(DEL) Alkane: S...	26.001	3.3	ng/ul	237366	6	24.744	1424060	20.0
Octadecanal	27.969	6.8	ng/ul	482085	6	24.744	1424060	20.0
26-Nor-5-choles...	28.463	5.0	ng/ul	358711	6	24.744	1424060	20.0
(DEL) Alkane: S...	28.810	27.2	ng/ul	1937160	6	24.744	1424060	20.0
Germanicol	29.303	11.1	ng/ul	790790	6	24.744	1424060	20.0
.beta.-Sitosterol	29.979	11.6	ng/ul	828028	6	24.744	1424060	20.0
9,19-Cyclolanos...	31.471	67.0	ng/ul	4771140	6	24.744	1424060	20.0
unknown-01	32.212	44.5	ng/ul	3165890	6	24.744	1424060	20.0