LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061838.D
Acq On : 2 Jul 2024 9:01
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4BQ2

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-BG062024.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG061838.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.463	25	30	37	rBV4	17981	32137	0.66%	0.066%
2	3.734	71	76	85	rVV2	36137	71777	1.47%	0.148%
3	3.892	98	103	110	rBV3	70551	125753	2.58%	0.259%
4	3.992	113	120	128	rVV	266669	406025	8.34%	0.835%
5	4.069	128	133	137	rVB	30664	45188	0.93%	0.093%
6	4.221	154	159	169	rVB3	20433	42508	0.87%	0.087%
7	4.586	216	221	226	rVB7	7964	14922	0.31%	0.031%
8	4.733	241	246	249	rBV5	11776	22033	0.45%	0.045%
9	4.774	249	253	258	rVV2	73928	122876	2.52%	0.253%
10	4.815	258	260	266	rVB	24823	35945	0.74%	0.074%
11	4.921	272	278	283	rBV4	16577	31457	0.65%	0.065%
12	4.979	283	288	289	rVV4	9481	11808	0.24%	0.024%
13	5.026	292	296	303	rVV3	21129	31118	0.64%	0.064%
14	5.132	307	314	323	rVB	93122	154192	3.17%	0.317%
15	5.226	323	330	338	rBV	82295	137775	2.83%	0.283%
16	6.049	465	470	474	rBV7	10953	18315	0.38%	0.038%
17	6.113	475	481	487	rVB2	25260	44861	0.92%	0.092%
18	7.036	635	638	643	rVB5	8147	11920	0.24%	0.025%
19	7.212	659	668	678	rVB	462038	809517	16.62%	1.664%
20	7.382	691	697	705	rVB	309803	501563	10.30%	1.031%
21	7.588	723	732	738	rBV	418461	722861	14.84%	1.486%
22	7.641	738	741	744	rVV	10218	13165	0.27%	0.027%
23	8.058	801	812	818	rVV	294014	502385	10.32%	1.033%
24	8.111	818	821	828	rVB4	26319	37730	0.77%	0.078%
25	8.757	924	931	939	rBV	423145	716186	14.71%	1.472%
26	8.881	947	952	958	rVV4	12234	19860	0.41%	0.041%
27	9.221	1003	1010	1016	rBV	436722	761250	15.63%	1.565%
28	9.274	1016	1019	1025	rVB3	15255	22732	0.47%	0.047%
29	9.374	1031	1036	1039	rVV3	8490	13645	0.28%	0.028%
30	9.615	1070	1077	1079	rBV3	13687	19552	0.40%	0.040%
31	9.768	1097	1103	1110	rVB	66427	108969	2.24%	0.224%
32	9.944	1125	1133	1142	rVV	385633	682563	14.02%	1.403%
33	10.167	1166	1171	1176	rVV6	10219	18813	0.39%	0.039%
34	10.485	1216	1225	1233	rVB	553666	958864	19.69%	1.971%
35	10.825	1277	1283	1284	rBV4	12337	16599	0.34%	0.034%
36	10.867	1284	1290	1296	rVV	414437	755659	15.52%	1.554%

LSC Area Percent Report

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Sample : P2963-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BQ2

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-BG062024.MA.M
Title : SVOA CALIBRATION

37	10.919	1296	1299	1305	rVV	24437	40683	0.84%	0.084%
38	11.008	1308	1314	1322	rVV4	33436	70397	1.45%	0.145%
39	11.389	1373	1379	1385	rBV4	27996	49118	1.01%	0.101%
40	11.601	1409	1415	1428	rVV2	84372	174922	3.59%	0.360%
41	12.265	1524	1528	1532	rVB2	21301	30643	0.63%	0.063%
42	12.453	1554	1560	1564	rVB5	11014	18839	0.39%	0.039%
43	12.518	1566	1571	1577	rVB3	17400	25729	0.53%	0.053%
44	12.741	1606	1609	1614	rVB3	10351	16908	0.35%	0.035%
45	13.005	1650	1654	1658	rBV6	9729	13569	0.28%	0.028%
46	13.499	1734	1738	1741	rBV2	29060	44094	0.91%	0.091%
47	13.599	1749	1755	1759	rBV8	15994	24107	0.50%	0.050%
48	13.863	1794	1800	1801	rVV4	11874	20427	0.42%	0.042%
49	14.004	1820	1824	1830	rVV8	15396	32496	0.67%	0.067%
50	14.086	1830	1838	1844	rVV	877449	1327952	27.27%	2.730%
51	14.151	1847	1849	1854	rVV5	10497	12989	0.27%	0.027%
52	14.315	1873	1877	1881	rBV5	17570	30008	0.62%	0.062%
53	14.380	1881	1888	1899	rVB2	966044	1533363	31.49%	3.153%
54	14.568	1917	1920	1924	rVB4	18041	21385	0.44%	0.044%
55	14.686	1933	1940	1946	rVV	600851	956778	19.65%	1.967%
56	14.750	1946	1951	1958	rVB5	26958	54514	1.12%	0.112%
57	14.879	1966	1973	1984	rBV2	515978	956976	19.65%	1.967%
58	15.026	1989	1998	2003	rBV4	63749	114338	2.35%	0.235%
59	15.085	2003	2008	2013	rBV3	40803	67332	1.38%	0.138%
60	15.338	2048	2051	2059	rVB10	11357	21122	0.43%	0.043%
61	15.467	2067	2073	2076	rBV8	16749	29542	0.61%	0.061%
62	15.520	2077	2082	2084	rVB4	17982	23383	0.48%	0.048%
63	15.679	2099	2109	2115	rBV	1150325	1825433	37.48%	3.753%
64	15.731	2115	2118	2121	rVV4	21401	25974	0.53%	0.053%
65	15.784	2121	2127	2132	rVB2	279587	398544	8.18%	0.819%
66	16.025	2166	2168	2172	rVB5	17866	17635	0.36%	0.036%
67	16.172	2190	2193	2197	rBV6	11578	14972	0.31%	0.031%
68	16.384	2224	2229	2230	rBV4	28274	42293	0.87%	0.087%
69	16.554	2254	2258	2265	rVB6	26943	52277	1.07%	0.107%
70	16.812	2299	2302	2310	rVB9	12106	29653	0.61%	0.061%
71	16.959	2323	2327	2331	rBV6	21878	34960	0.72%	0.072%
72	16.995	2331	2333	2337	rVB5	11447	14591	0.30%	0.030%
73	17.083	2343	2348	2352	rVB5	30615	49818	1.02%	0.102%
74	17.171	2360	2363	2367	rVB5	28195	31455	0.65%	0.065%
75	17.306	2383	2386	2389	rBV5	18292	28869	0.59%	0.059%
76	17.429	2401	2407	2411	rBV	705714	1096161	22.51%	2.254%

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Sample : P2963-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

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

77	17.471	2411	2414	2418	rVV2	322954	447279	9.18%	0.920%
78	17.529	2418	2424	2435	rVB	1140903	1789083	36.74%	3.678%
79	18.087	2516	2519	2525	rBV8	33653	57012	1.17%	0.117%
80	18.311	2552	2557	2561	rBV3	313962	473916	9.73%	0.974%
81	18.346	2561	2563	2568	rVB	88753	123122	2.53%	0.253%
82	18.493	2584	2588	2592	rBV5	71247	126427	2.60%	0.260%
83	18.798	2637	2640	2643	rBV2	53342	62312	1.28%	0.128%
84	18.840	2644	2647	2650	rVB4	57134	68124	1.40%	0.140%
85	19.163	2700	2702	2706	rBV5	38504	33010	0.68%	0.068%
86	19.474	2750	2755	2760	rVB	541758	769416	15.80%	1.582%
87	19.809	2807	2812	2815	rBV	1198712	1762490	36.19%	3.624%
88	20.308	2893	2897	2899	rBV5	123010	199879	4.10%	0.411%
89	20.332	2899	2901	2905	rVB2	212070	225803	4.64%	0.464%
90	21.331	3066	3071	3082	rBV	1125983	1786986	36.69%	3.674%
91	21.689	3125	3132	3137	rBV3	654257	1399169	28.73%	2.877%
92	22.512	3265	3272	3281	rBV2	1078107	2958227	60.74%	6.082%
93	23.546	3442	3448	3457	rVB2	904551	1810893	37.18%	3.723%
94	24.010	3520	3527	3532	rBV	1286869	2817773	57.86%	5.793%
95	24.069	3532	3537	3553	rVB2	1998854	4869991	100.00%	10.012%
96	24.686	3638	3642	3650	rVB	336899	746134	15.32%	1.534%
97	24.915	3675	3681	3687	rBV2	287537	691022	14.19%	1.421%
98	25.485	3770	3778	3791	rVB3	1353655	3881405	79.70%	7.980%
99	26.107	3876	3884	3893	rVB2	540025	1582714	32.50%	3.254%
100	26.237	3897	3906	3919	rVB4	754363	2540524	52.17%	5.223%

Sum of corrected areas: 48639483

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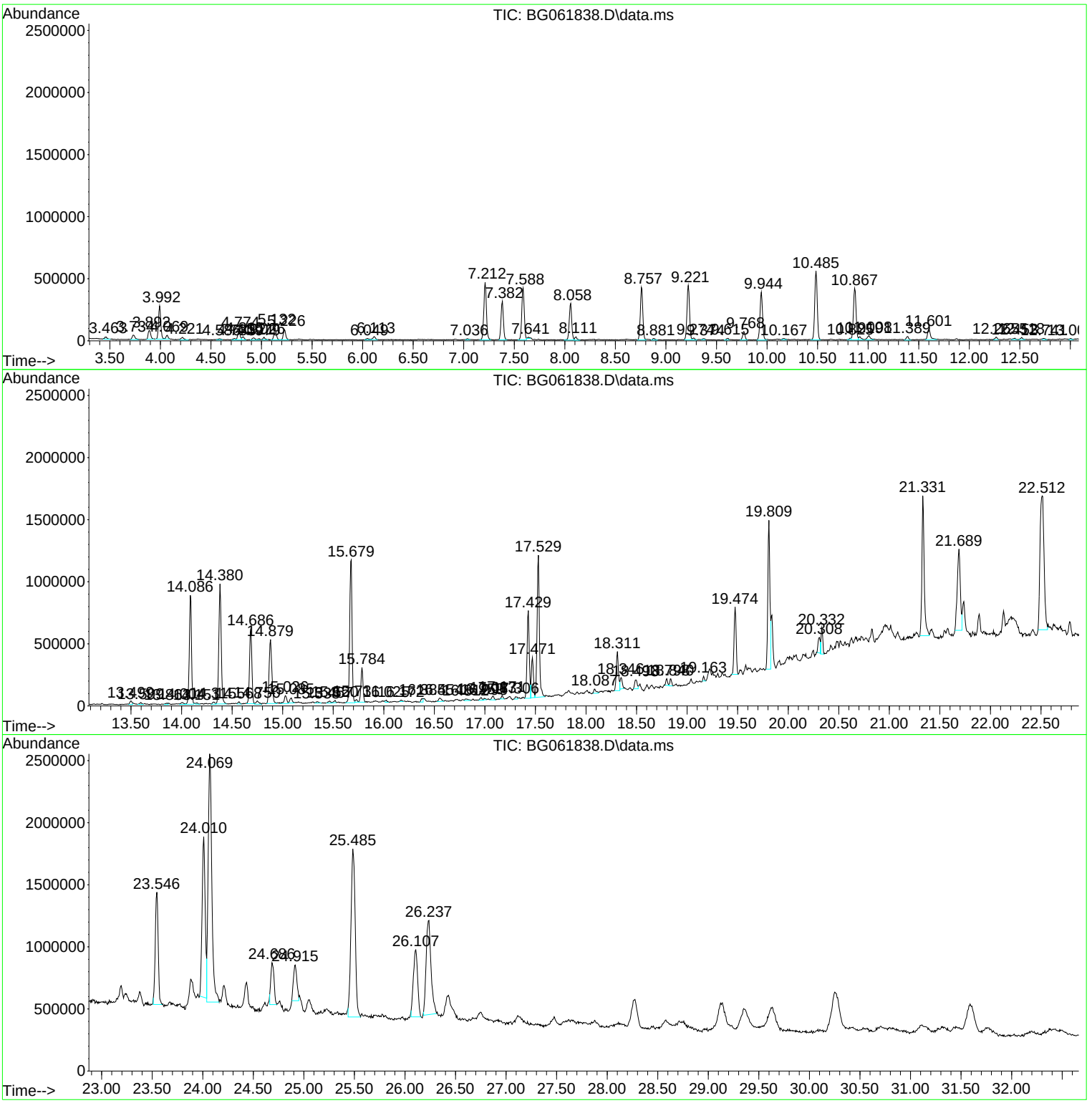
Instrument :
BNA_G
ClientSampleId :
A4BQ2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.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\BG070124\
Data File : BG061838.D
Acq On : 2 Jul 2024 9:01
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Sample : P2963-04
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ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BQ2

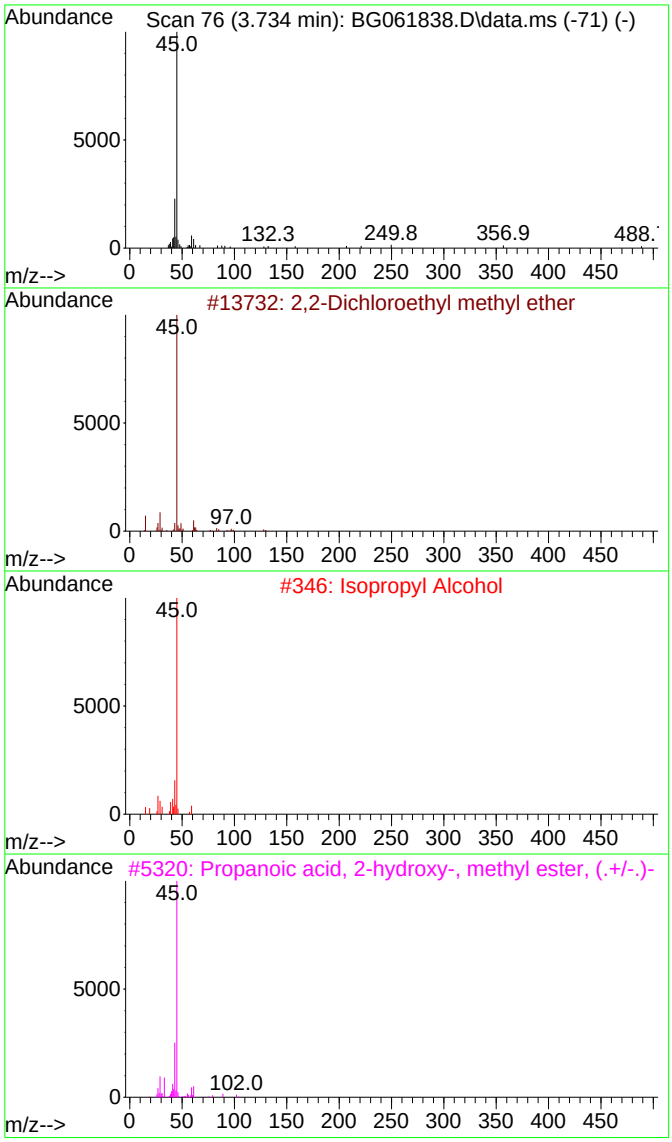
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

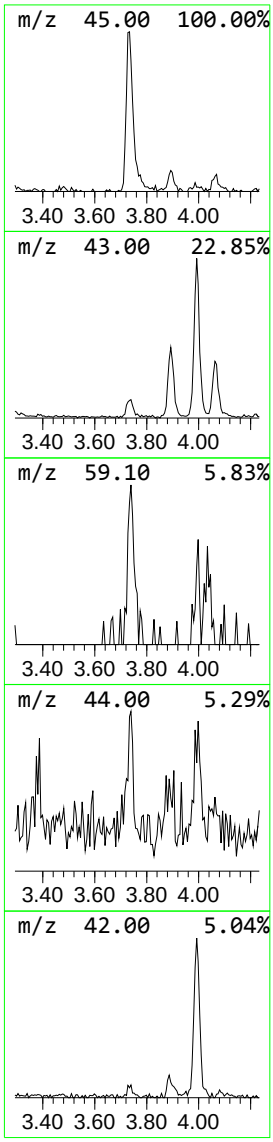
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2,2-Dichloroethyl methyl ether Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.734	2.86 ng/ul	71777	1,4-Dichlorobenzene-d4	8.058

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dichloroethyl methyl ether	128	C3H6Cl2O	034862-07-2	72
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	50
3	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40
4	2-Pentanol	88	C5H12O	006032-29-7	39
5	1,2-Propanediol diformate	132	C5H8O4	053818-14-7	39





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061838.D
Acq On : 2 Jul 2024 9:01
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BQ2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

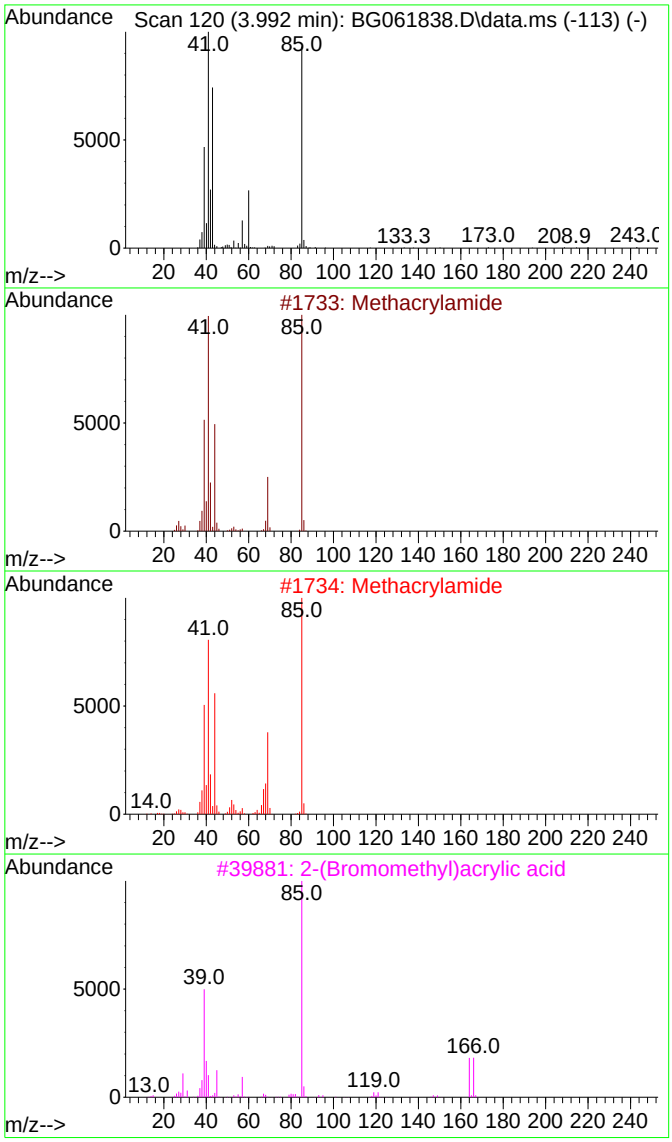
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

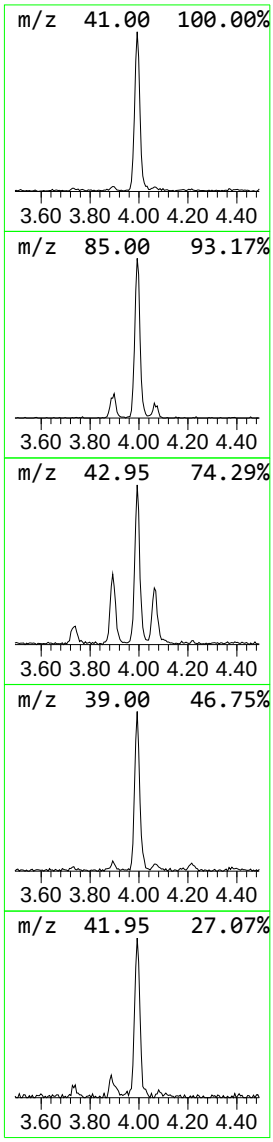
****

Peak Number 2 Methacrylamide Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.992	16.16 ng/ul	406025	1,4-Dichlorobenzene-d4	8.058

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	53
2	Methacrylamide	85	C4H7NO	000079-39-0	50
3	2-(Bromomethyl)acrylic acid	164	C4H5BrO2	072707-66-5	38
4	Ethyl 2,4-dioxovalerate	158	C7H10O4	000615-79-2	23
5	(S)-(-)-1-Amino-2-(methoxymethyl...	130	C6H14N2O	059983-39-0	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
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Instrument :
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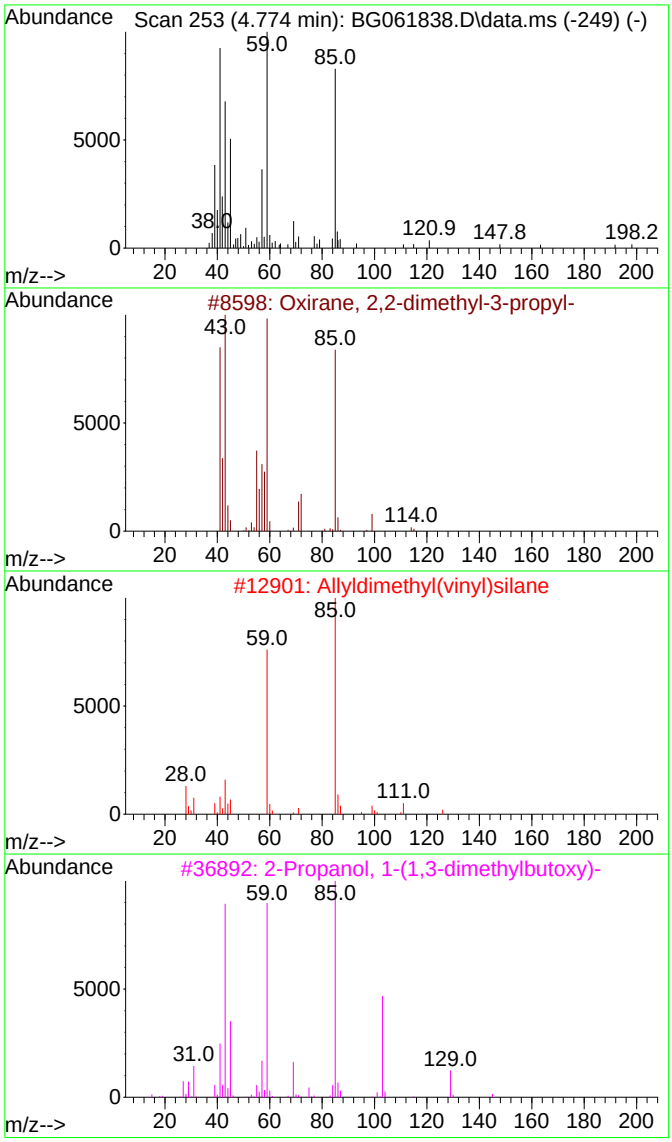
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

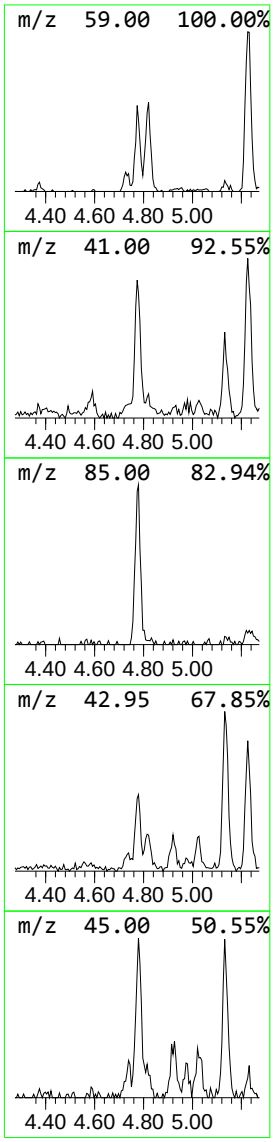
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Oxirane, 2,2-dimethyl-3-pro... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.774	4.89 ng/ul	122876	1,4-Dichlorobenzene-d4	8.058

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2,2-dimethyl-3-propyl-	114	C7H14O	017612-35-0	59
2	Allyldimethyl(vinyl)silane	126	C7H14Si	022146-25-4	47
3	2-Propanol, 1-(1,3-dimethylbutoxy)-	160	C9H20O2	054340-89-5	40
4	Butyl aldoxime, 3-methyl-, anti	101	C5H11NO	005775-74-6	35
5	Methacrylamide	85	C4H7NO	000079-39-0	35





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Instrument :
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ClientSampleId :
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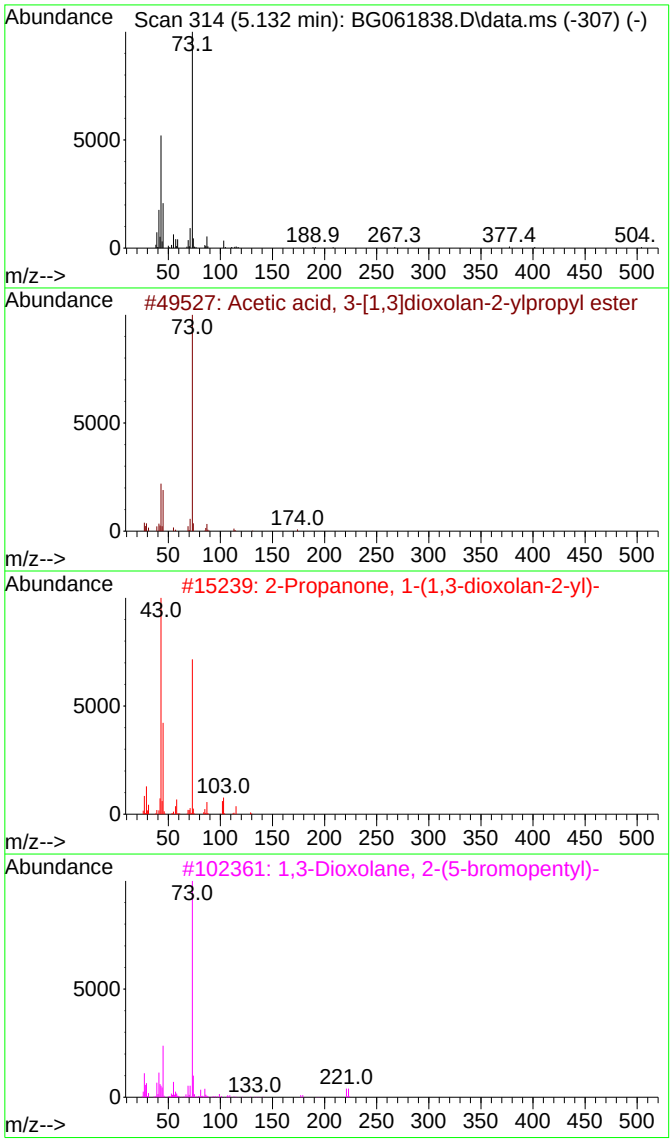
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

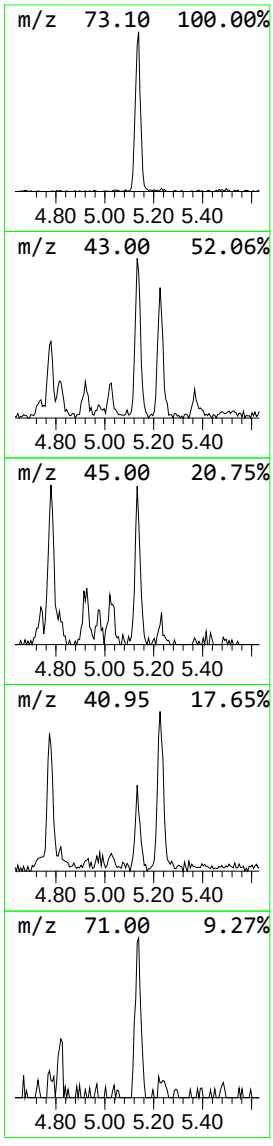
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Acetic acid, 3-[1,3]dioxola... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.132	6.14 ng/ul	154192	1,4-Dichlorobenzene-d4	8.058

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	53
2	2-Propanone, 1-(1,3-dioxolan-2-yl)-	130	C6H10O3	000767-04-4	50
3	1,3-Dioxolane, 2-(5-bromopentyl)-	222	C8H15BrO2	056741-68-5	28
4	Butanoic acid, 3-hydroxy-, methy...	118	C5H10O3	001487-49-6	17
5	Hydroxylamine, O-pentyl-	103	C5H13NO	005963-74-6	9





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Acq On : 2 Jul 2024 9:01
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BQ2

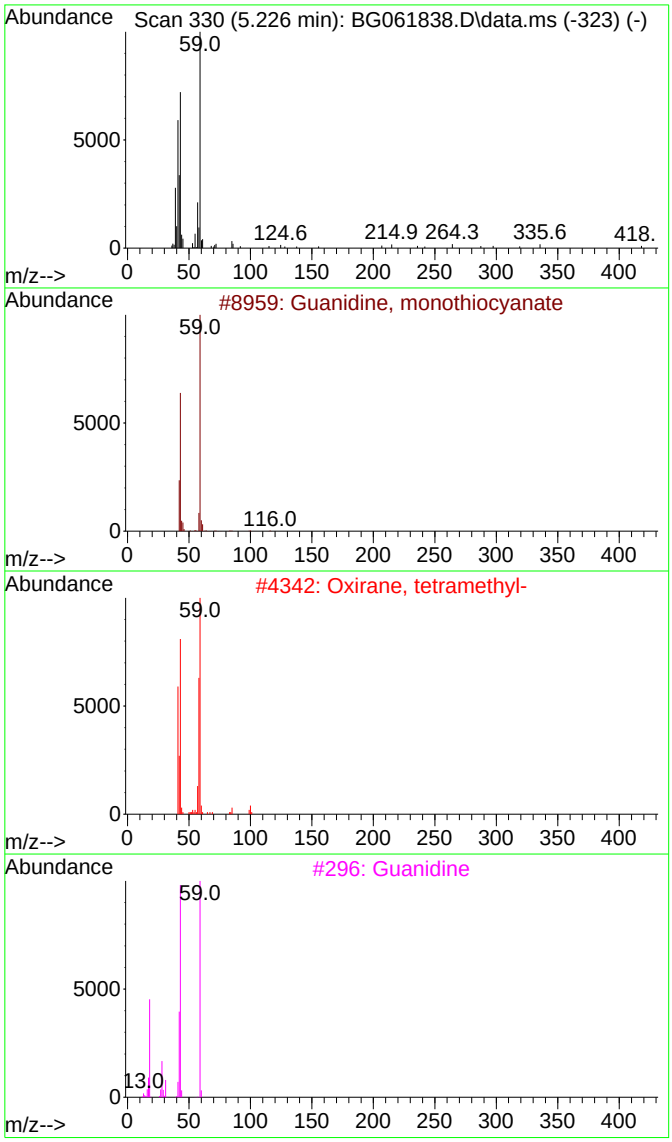
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

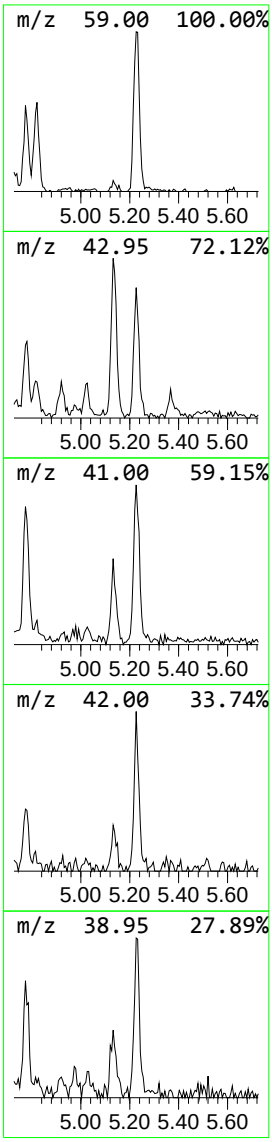
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Guanidine, monothiocyanate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.226	5.48 ng/ul	137775	1,4-Dichlorobenzene-d4	8.058

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Guanidine, monothiocyanate	116	C2H4N4S	056960-89-5	78
2	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	64
3	Guanidine	59	CH5N3	000113-00-8	50
4	Butanal, oxime	87	C4H9NO	000110-69-0	50
5	Butanal, oxime	87	C4H9NO	000110-69-0	50





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Acq On : 2 Jul 2024 9:01
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BQ2

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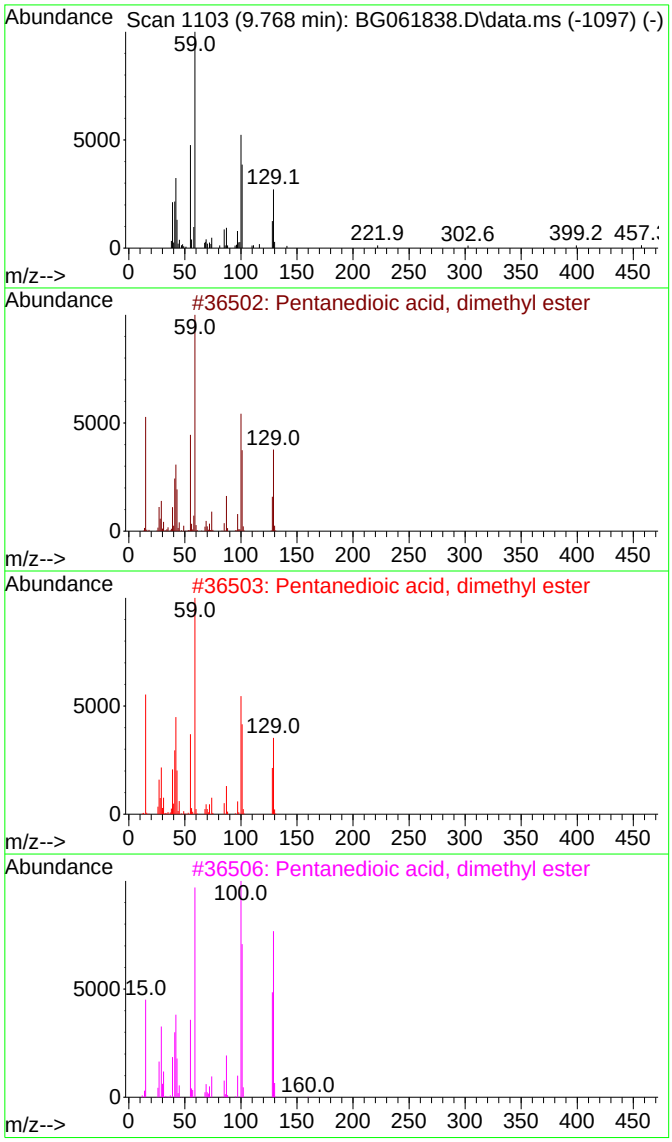
Quant Title : SVOA CALIBRATION

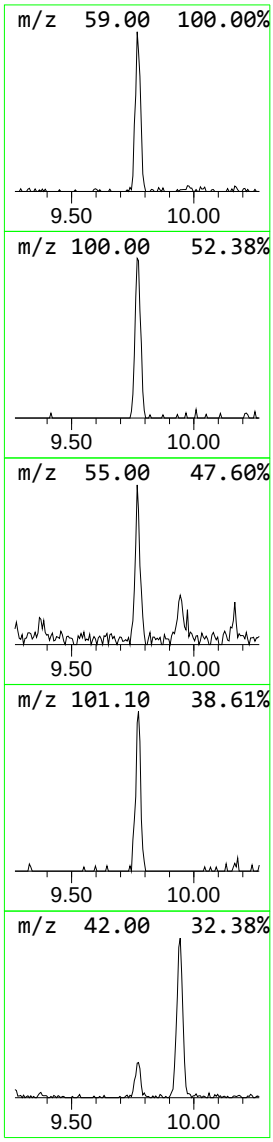
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Pentanedioic acid, dimethyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.768	2.88 ng/ul	108969	Naphthalene-d8	10.867

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	50
2	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	47
3	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	40
4	Butanedioic acid, methyl-, dimet...	160	C7H12O4	001604-11-1	40
5	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	37





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Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BQ2

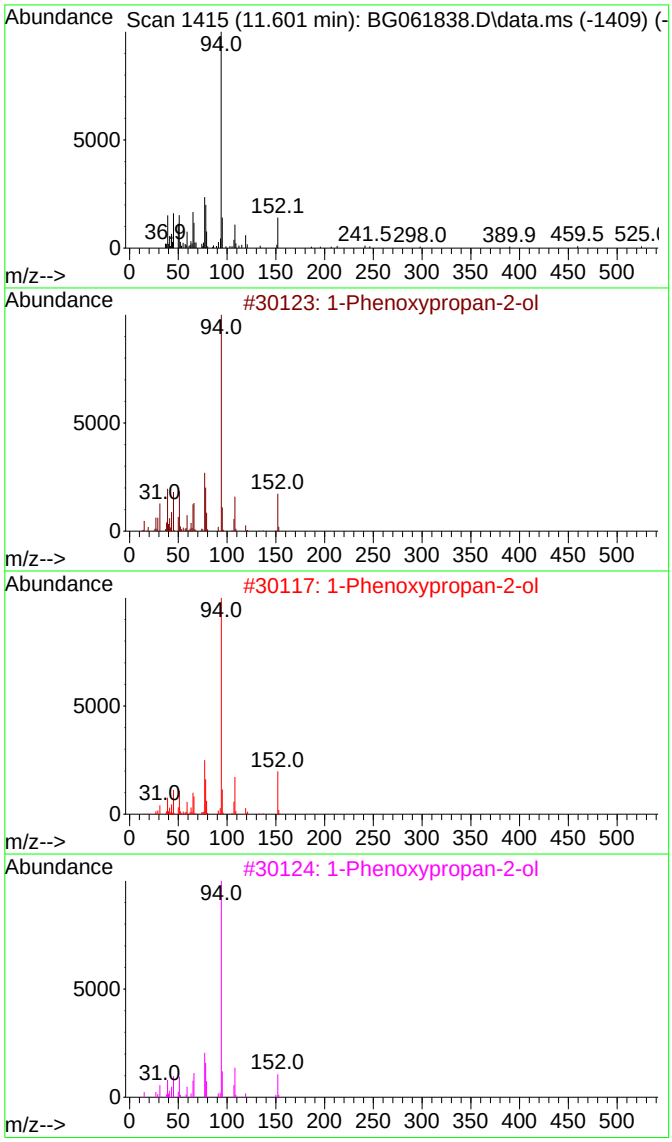
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

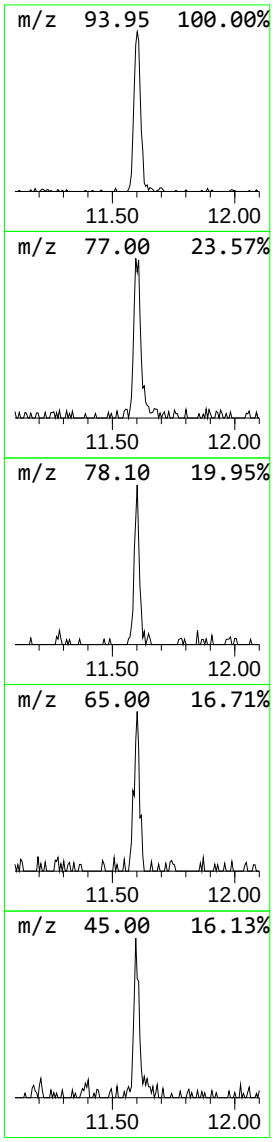
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1-Phenoxypropan-2-ol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.601	4.63 ng/ul	174922	Naphthalene-d8	10.867

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	95
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	90
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	90
4	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	87
5	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	74





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Sample : P2963-04
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

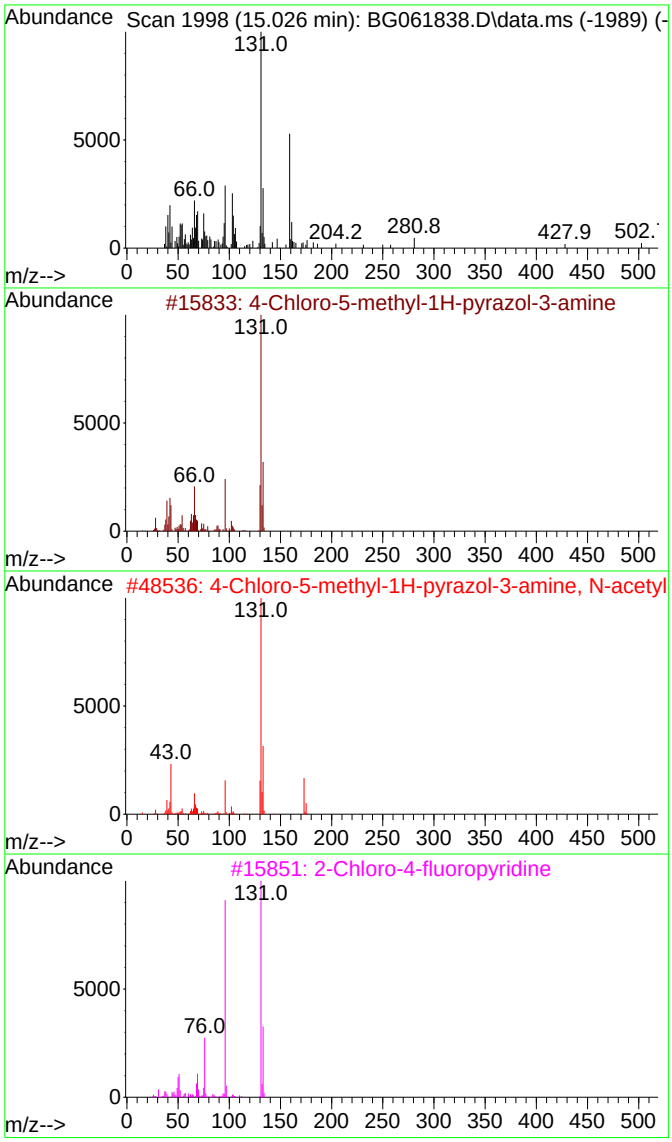
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

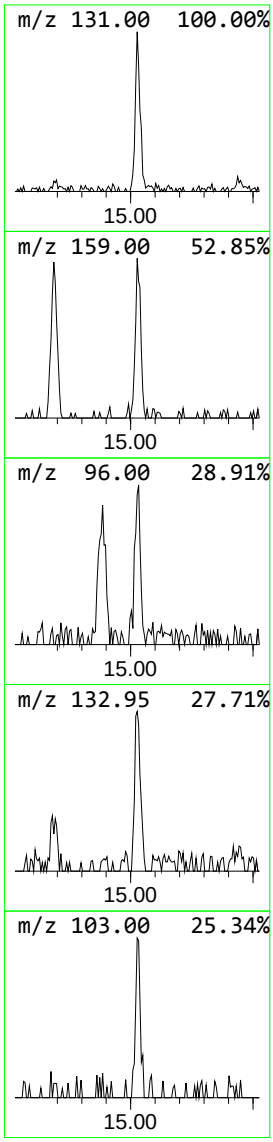
****

Peak Number 8 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.026	2.39 ng/ul	114338	Acenaphthene-d10	14.686

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-5-methyl-1H-pyrazol-3-a...	131	C4H6ClN3	110580-44-4	42
2	4-Chloro-5-methyl-1H-pyrazol-3-a...	173	C6H8ClN3O	1000511-56-8	32
3	2-Chloro-4-fluoropyridine	131	C5H3ClFN	1000484-44-8	27
4	Benzhydrazide, N2-(2-benzimidazo...	298	C15H11ClN4O	328089-86-7	25
5	4-Chloro-3-fluoropyridine	131	C5H3ClFN	002546-56-7	22





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Acq On : 2 Jul 2024 9:01
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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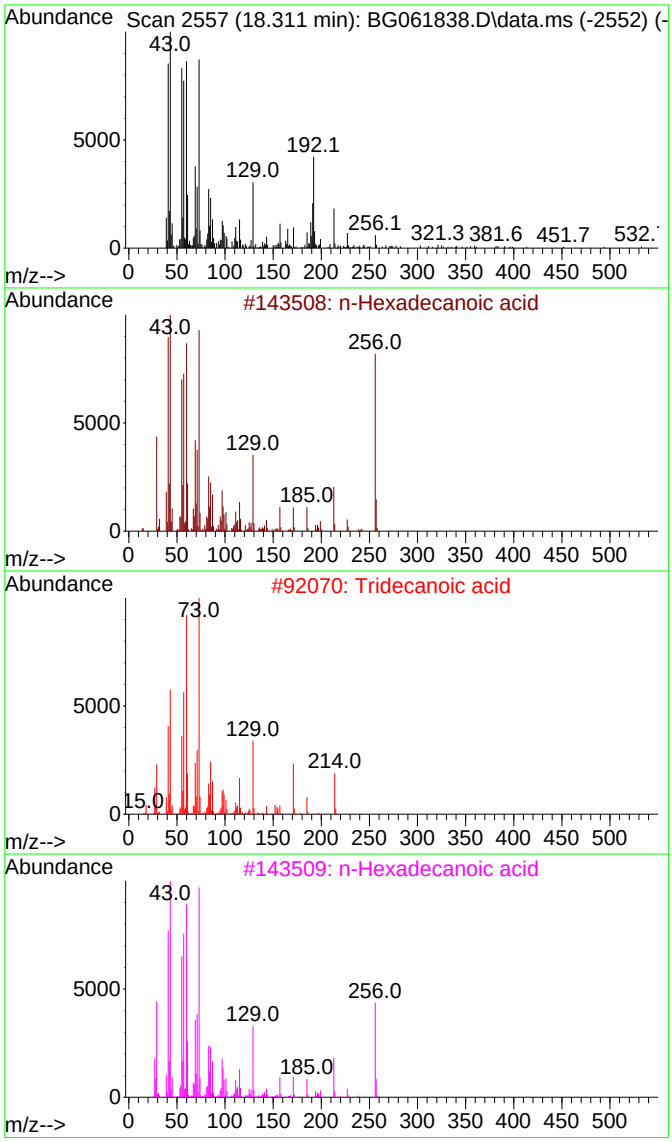
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

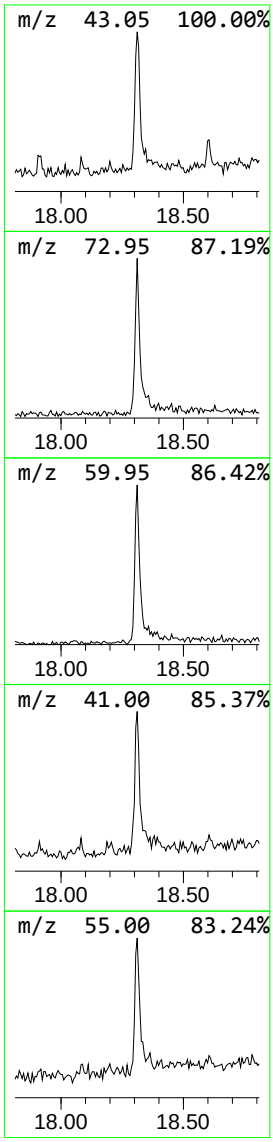
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.311	8.65 ng/ul	473916	Phenanthrene-d10	17.429

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2	Tridecanoic acid	214	C13H26O2	000638-53-9	78
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58





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Acq On : 2 Jul 2024 9:01
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BQ2

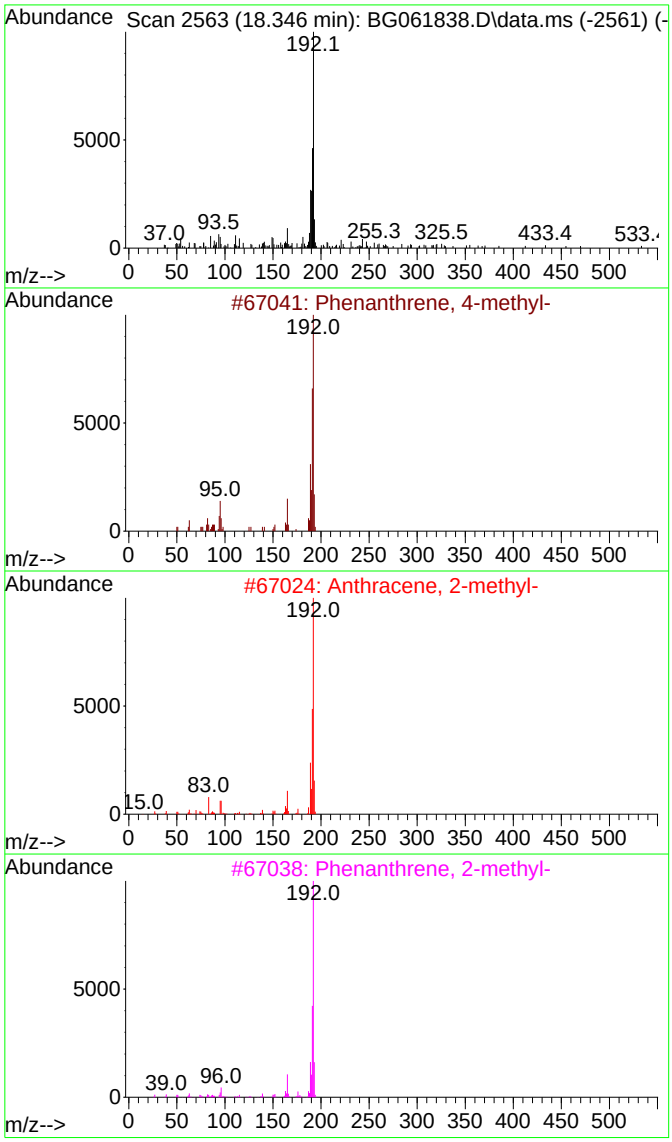
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

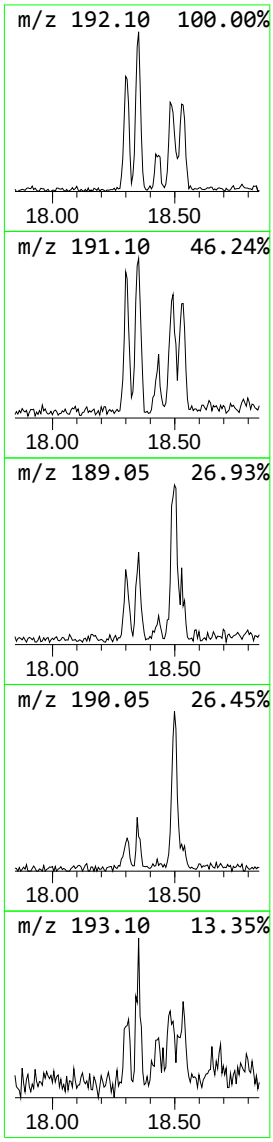
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 4-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.346	2.25 ng/ul	123122	Phenanthrene-d10	17.429

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	68
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	68





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Acq On : 2 Jul 2024 9:01
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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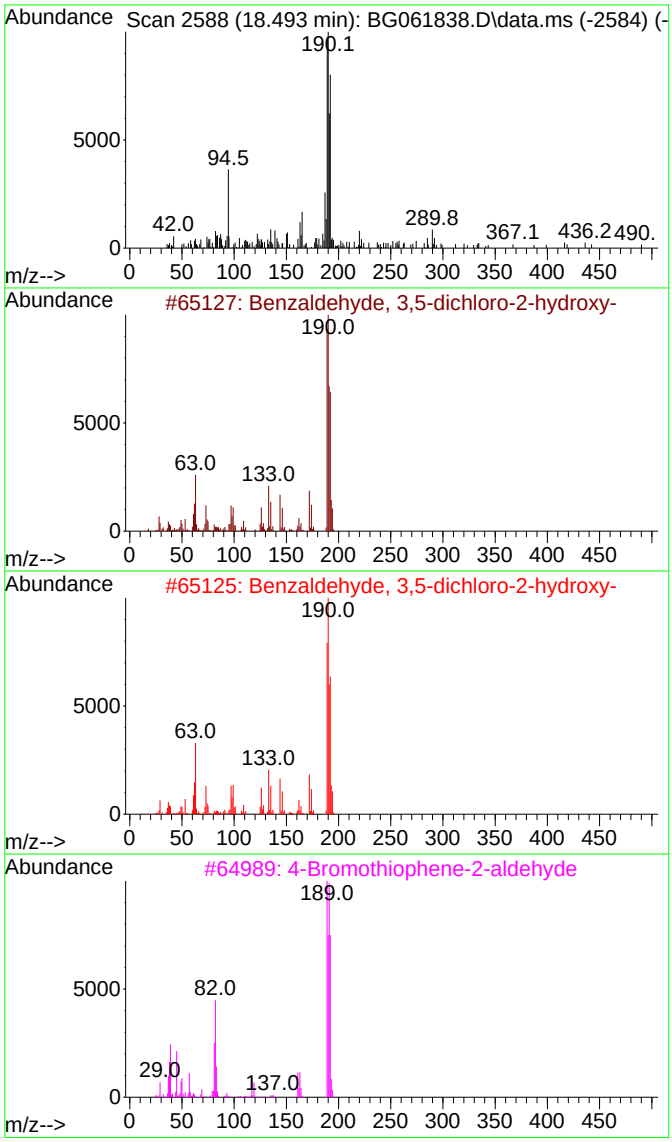
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

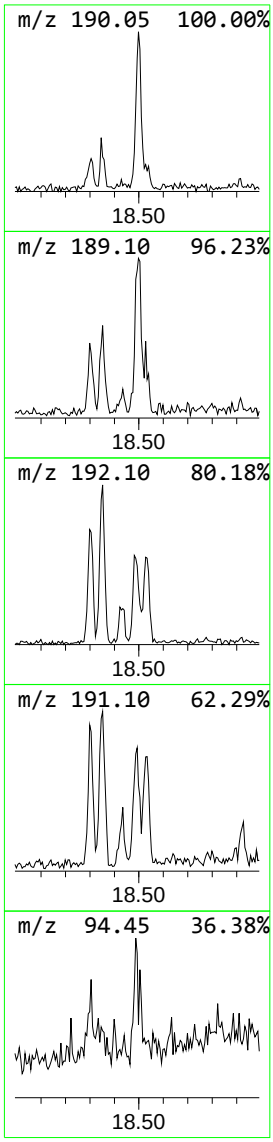
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzaldehyde, 3,5-dichloro-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.493	2.31 ng/ul	126427	Phenanthrene-d10	17.429

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
3	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	58
4	3-Bromo-2-thiophenecarbaldehyde	190	C5H3BrOS	000930-96-1	53
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46





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Acq On : 2 Jul 2024 9:01
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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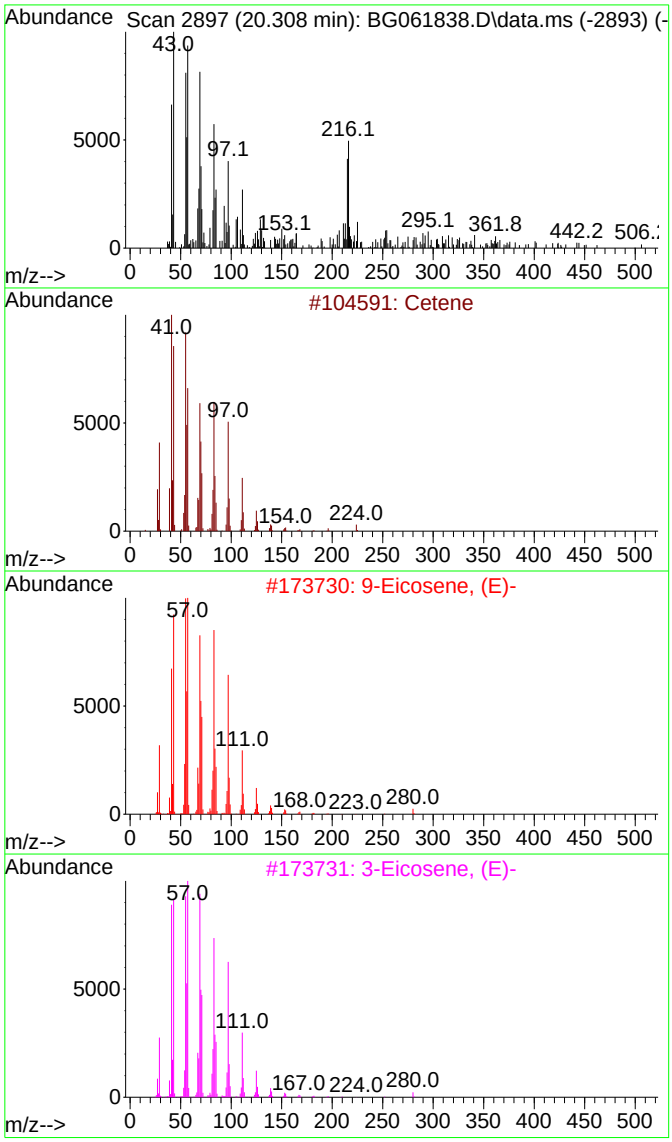
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

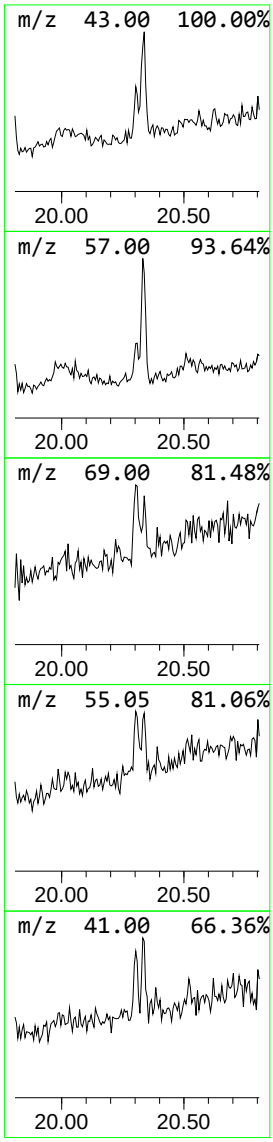
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.308	2.86 ng/ul	199879	Chrysene-d12	21.689

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	92
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	3-Octadecene, (E)-	252	C18H36	007206-19-1	83
5	Cycloeicosane	280	C20H40	000296-56-0	80





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Acq On : 2 Jul 2024 9:01
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BQ2

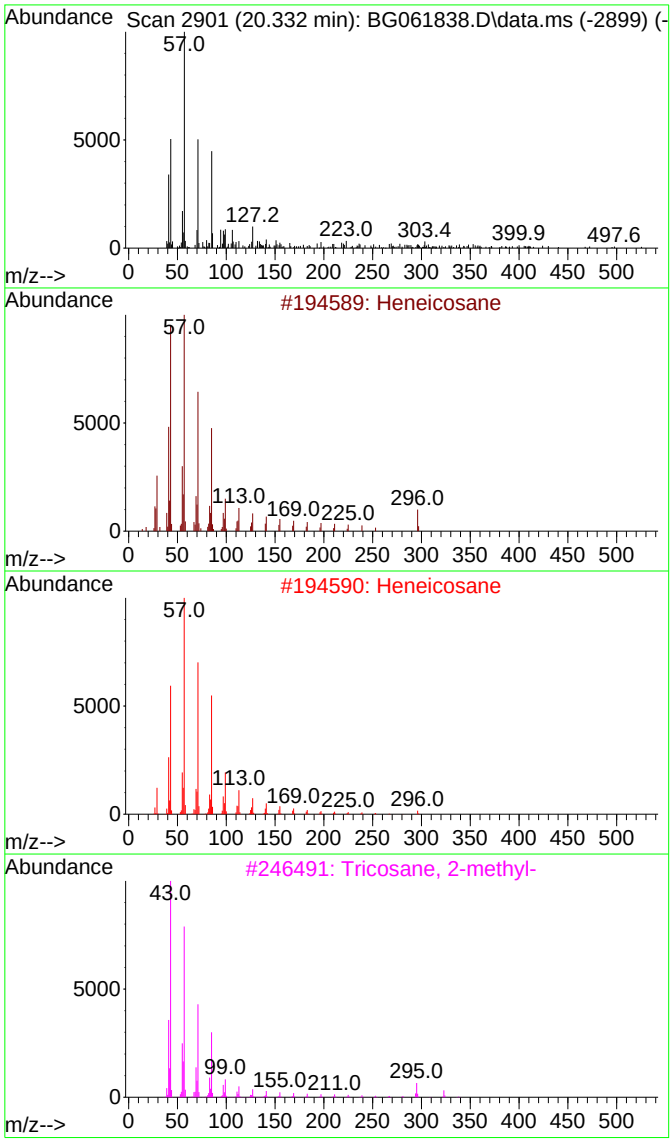
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

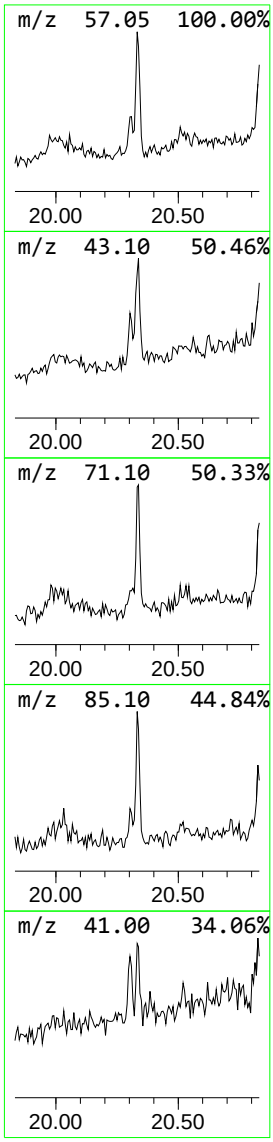
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.332	3.23 ng/ul	225803	Chrysene-d12	21.689

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	72
2	Heneicosane	296	C21H44	000629-94-7	72
3	Tricosane, 2-methyl-	338	C24H50	001928-30-9	64
4	Docosane, 2,21-dimethyl-	338	C24H50	077536-31-3	58
5	Tricosane	324	C23H48	000638-67-5	50





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Sample : P2963-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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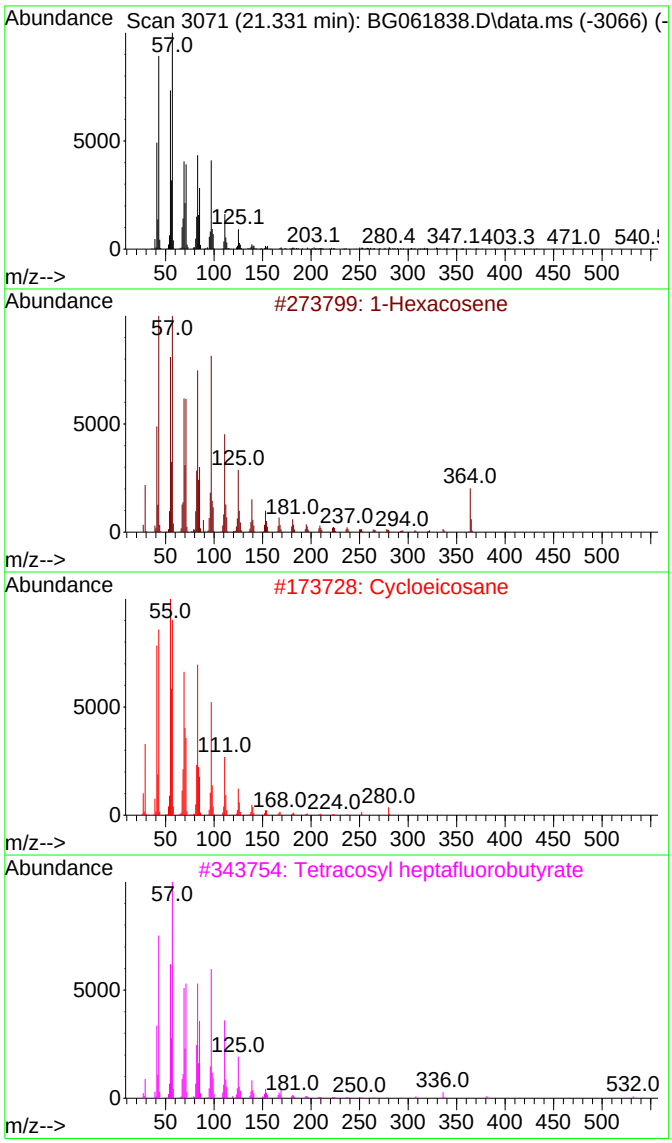
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

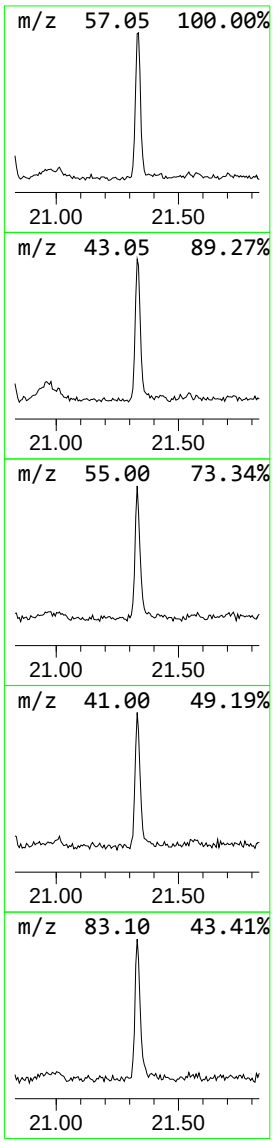
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.331	25.54 ng/ul	1786990	Chrysene-d12	21.689

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	97
2	Cycloeicosane	280	C20H40	000296-56-0	96
3	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	91
4	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
5	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91





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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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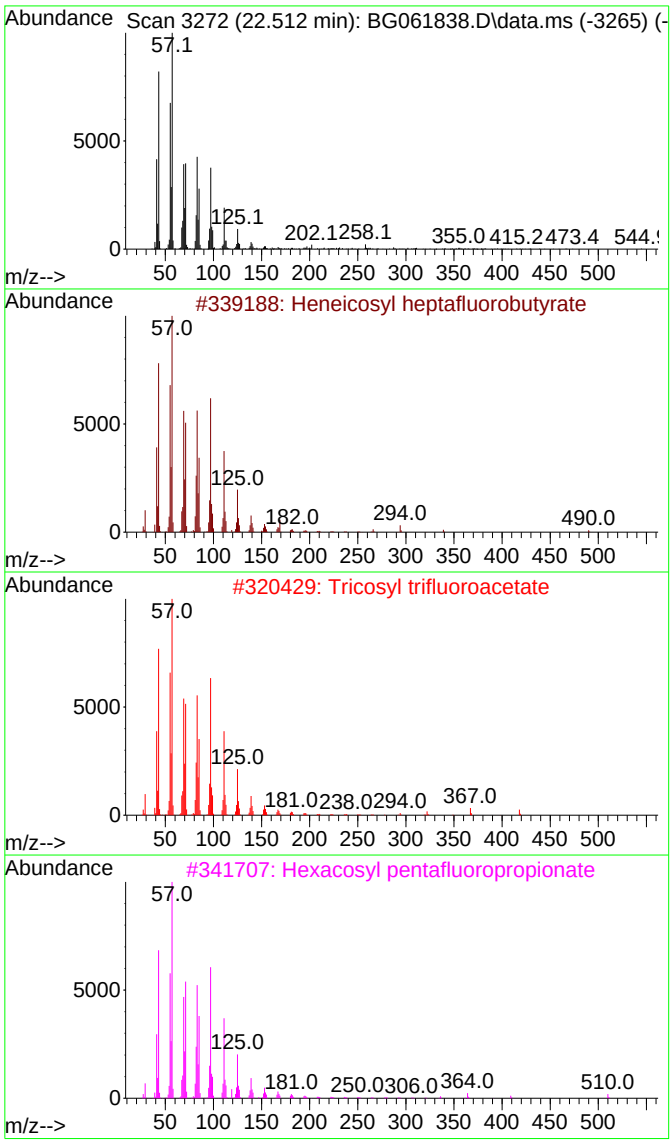
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

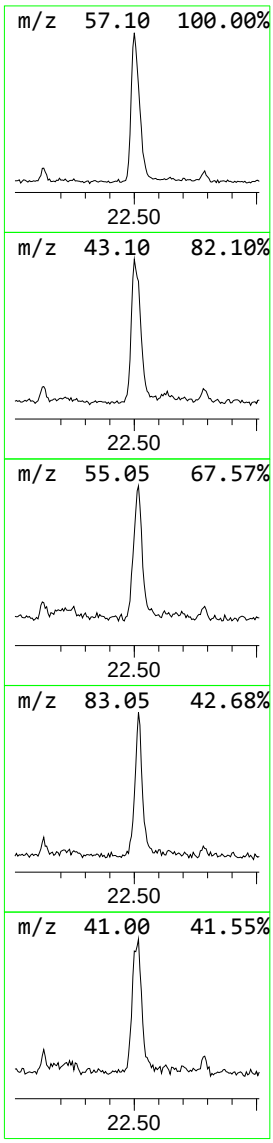
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Heneicosyl heptafluorobutyrate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.512	42.29 ng/ul	2958230	Chrysene-d12	21.689

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91
2	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
3	Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	91
4	Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	91
5	Tetracosyl trifluoroacetate	450	C26H49F3O2	1000351-76-4	91





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ClientSampleId :
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Quant Title : SVOA CALIBRATION

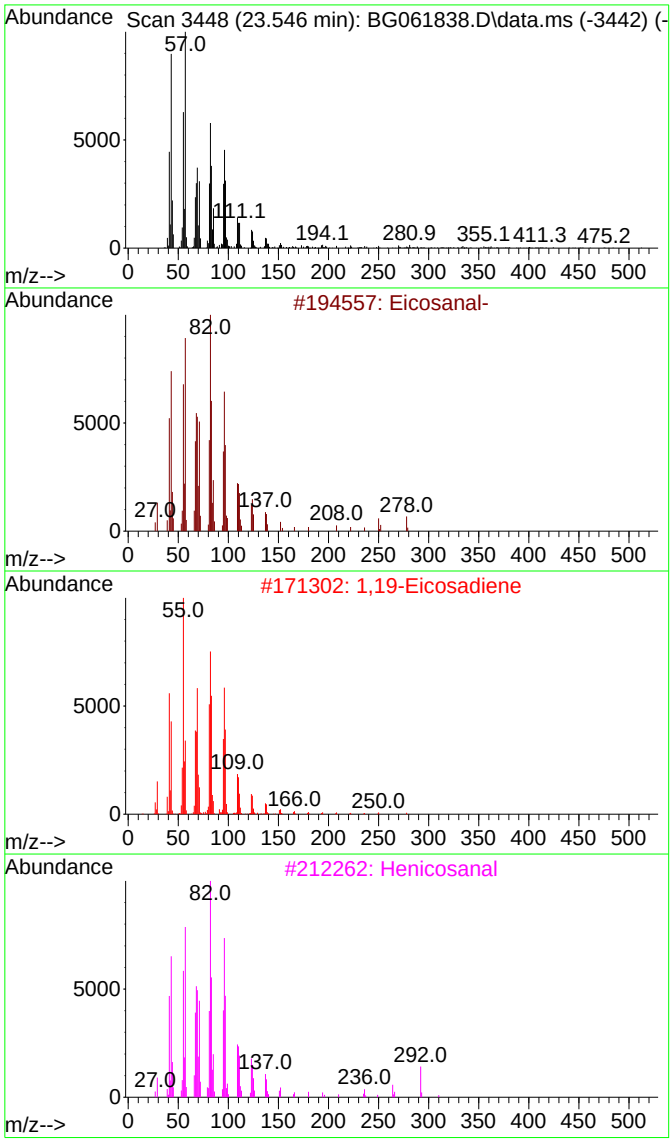
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

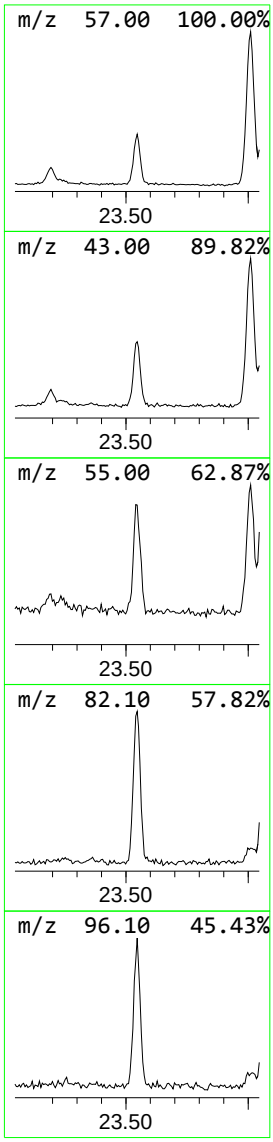
****

Peak Number 16 Eicosanal- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.546	52.41 ng/ul	1810890	Perylene-d12	24.909

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanal-	296	C20H40O	002400-66-0	91
2	1,19-Eicosadiene	278	C20H38	014811-95-1	91
3	Henicosanal	310	C21H42O	051227-32-8	91
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	Octadecanal	268	C18H36O	000638-66-4	91





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Data File : BG061838.D
Acq On : 2 Jul 2024 9:01
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A4BQ2

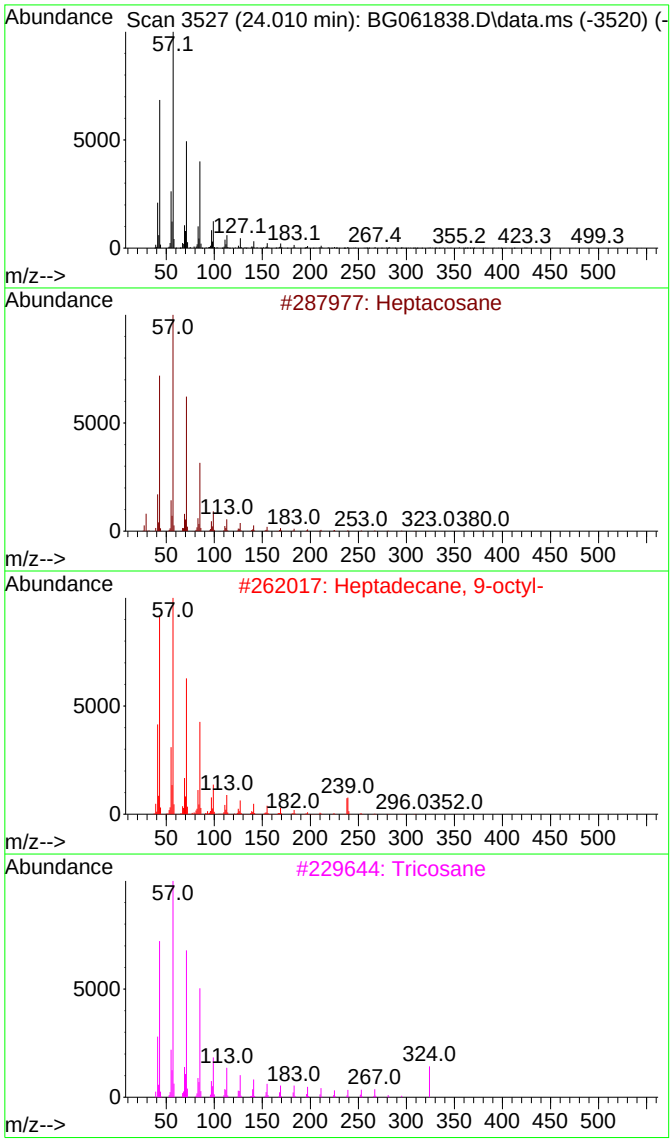
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

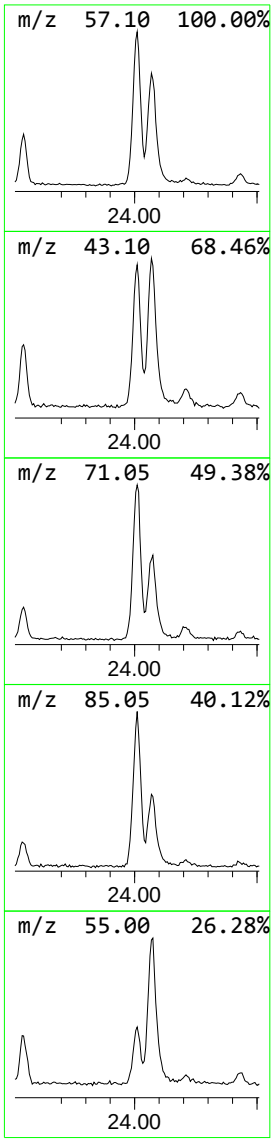
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.010	81.55 ng/ul	2817770	Perylene-d12	24.909

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	97
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	97
3	Tricosane	324	C23H48	000638-67-5	93
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Tetracosane	338	C24H50	000646-31-1	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061838.D
Acq On : 2 Jul 2024 9:01
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BQ2

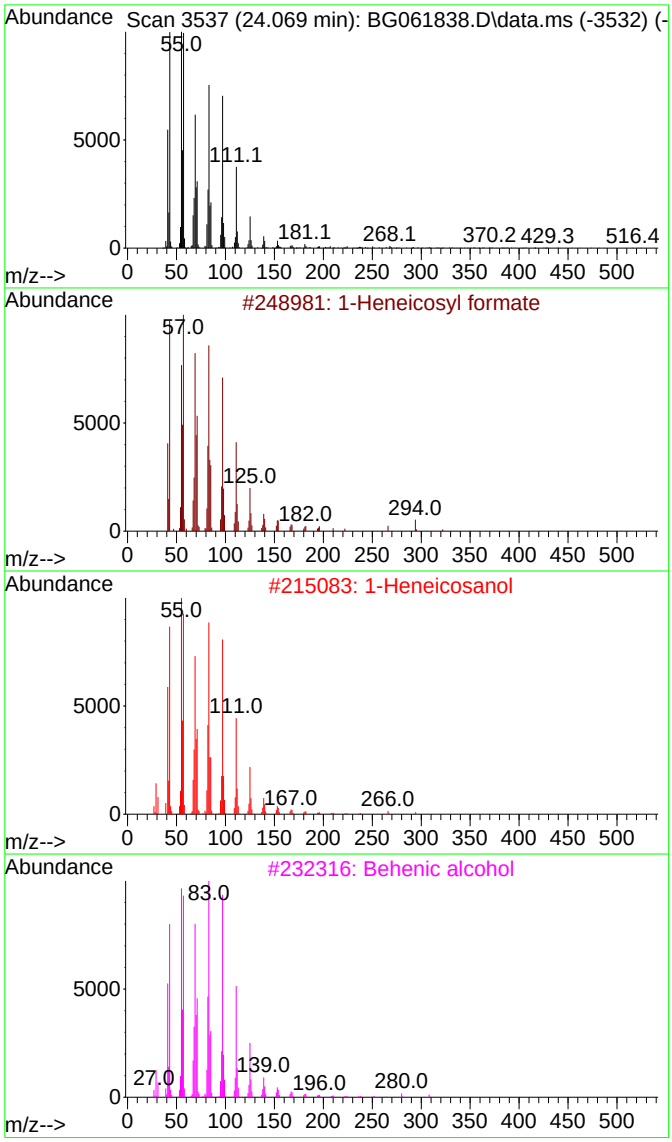
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

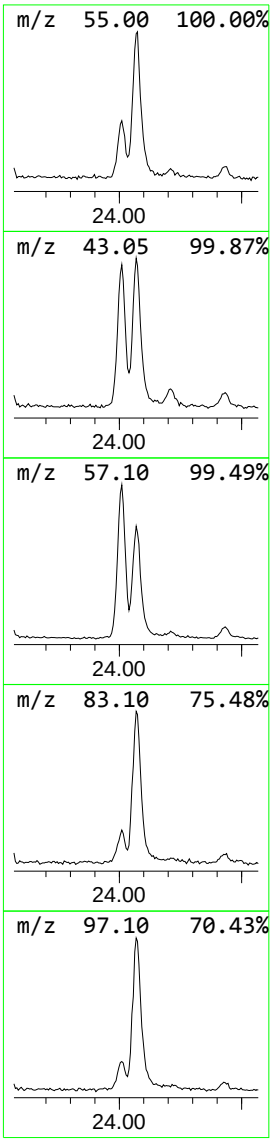
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.069	140.95 ng/ul	4869990	Perylene-d12	24.909

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Behenic alcohol	326	C22H46O	000661-19-8	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061838.D
Acq On : 2 Jul 2024 9:01
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BQ2

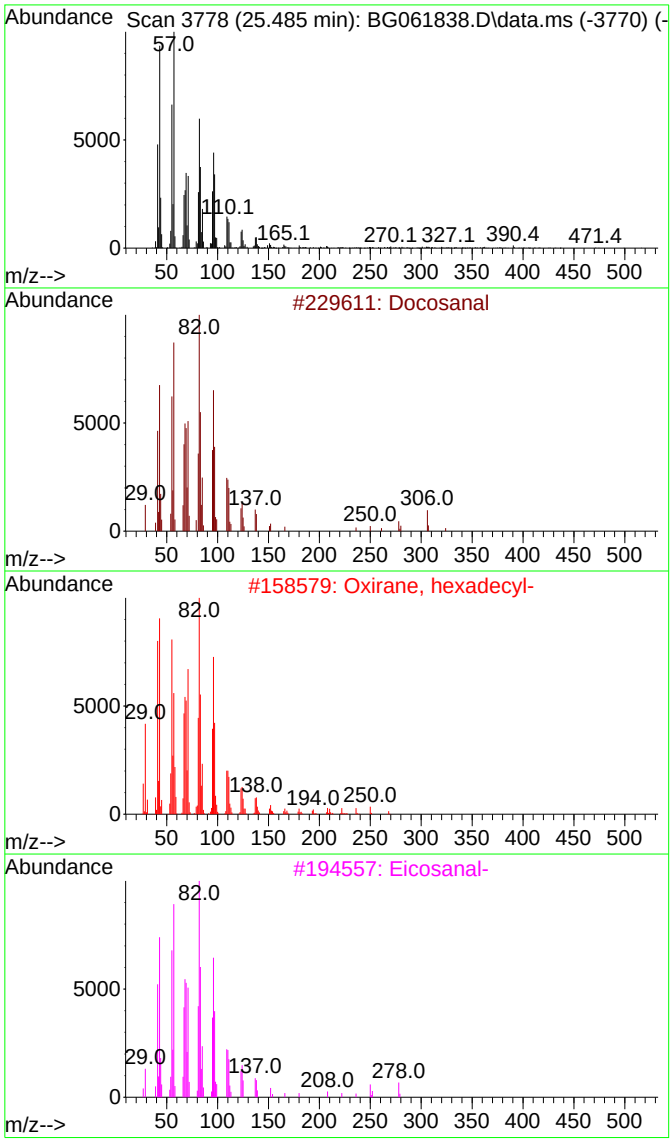
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

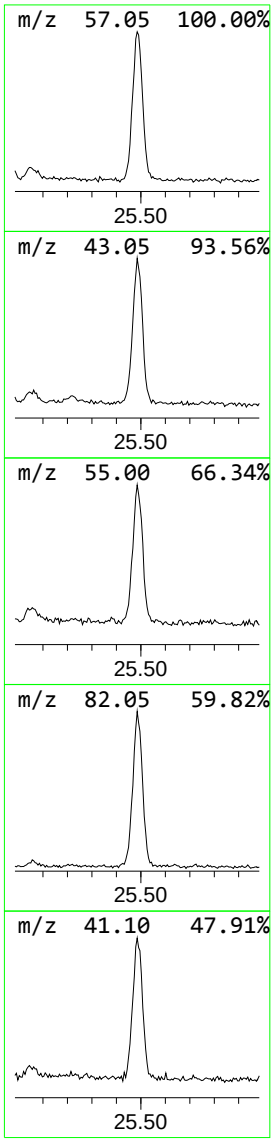
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Docosanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.485	112.34 ng/ul	3881410	Perylene-d12	24.909

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanal	324	C22H44O	057402-36-5	91
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Eicosanal-	296	C20H40O	002400-66-0	91
4	Octadecanal	268	C18H36O	000638-66-4	91
5	Octadecanal	268	C18H36O	000638-66-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061838.D
Acq On : 2 Jul 2024 9:01
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BQ2

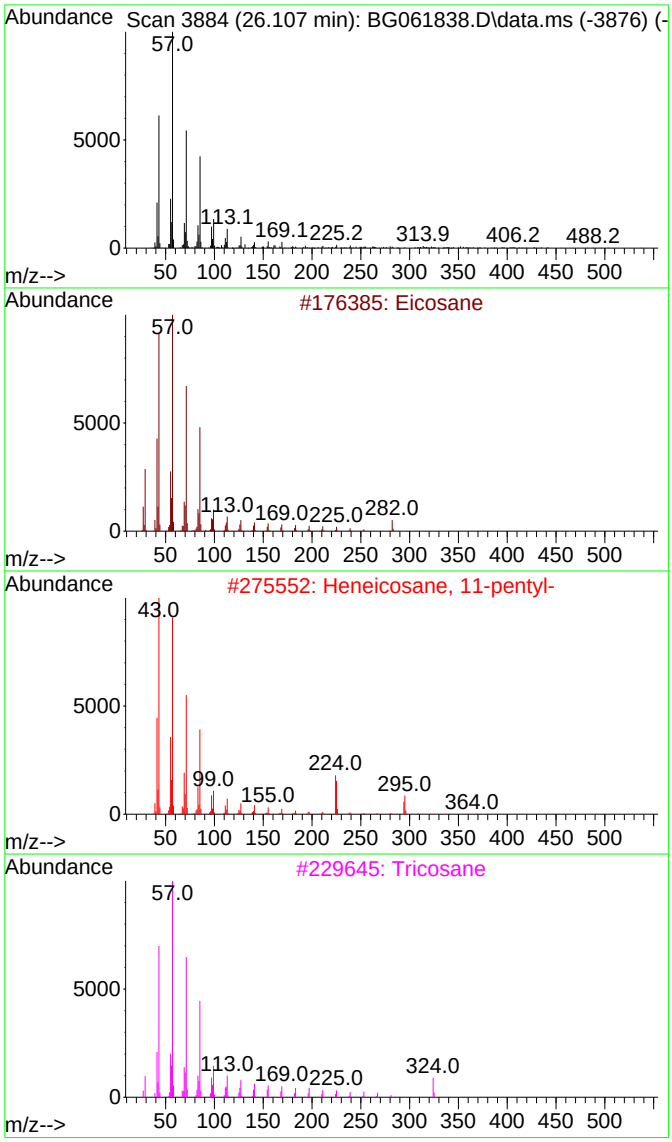
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

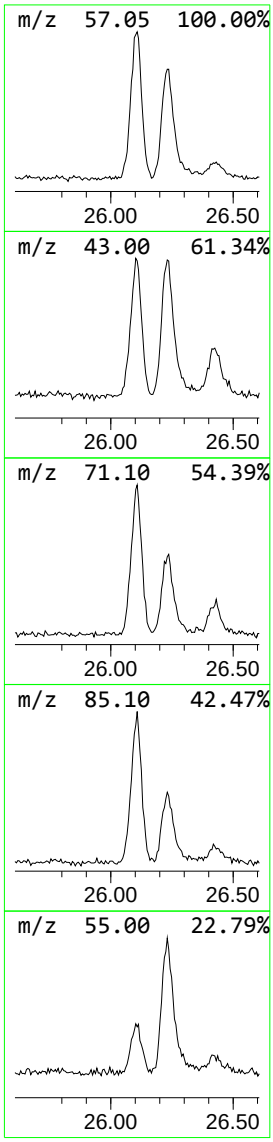
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.108	45.81 ng/ul	1582710	Perylene-d12	24.909

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93
3	Tricosane	324	C23H48	000638-67-5	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061838.D
Acq On : 2 Jul 2024 9:01
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BQ2

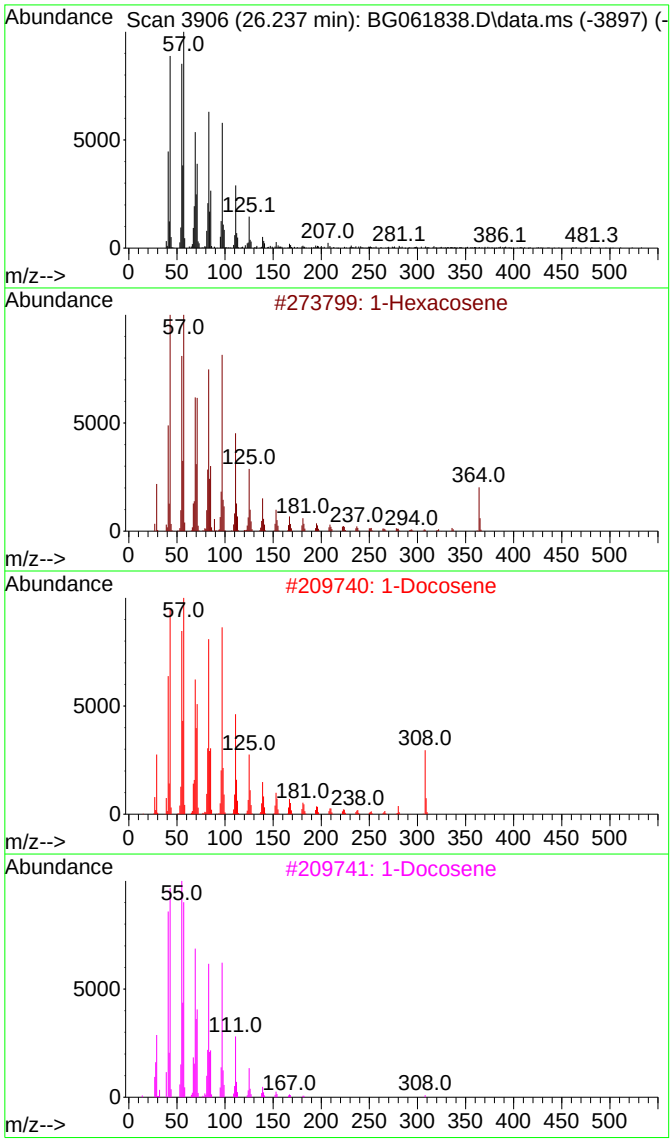
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

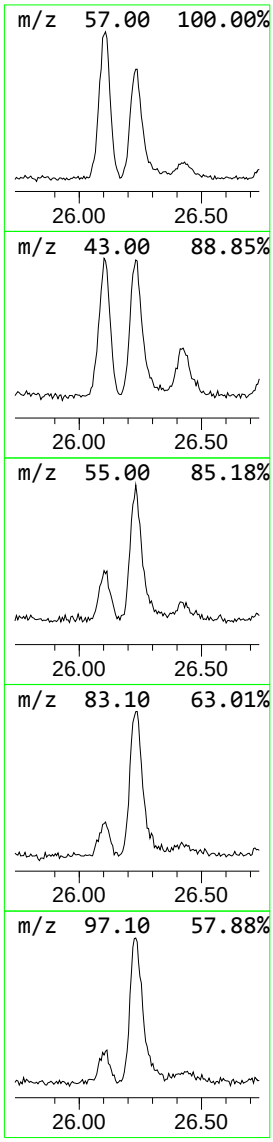
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.237	73.53 ng/ul	2540520	Perylene-d12	24.909

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	98
2	1-Docosene	308	C22H44	001599-67-3	98
3	1-Docosene	308	C22H44	001599-67-3	95
4	9-Hexacosene	364	C26H52	071502-22-2	93
5	Cyclotetracosane	336	C24H48	000297-03-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070124\
Data File : BG061838.D
Acq On : 2 Jul 2024 9:01
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BQ2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.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
2,2-Dichloroeth...	3.734	2.9	ng/ul	71777	1	8.058	502385	20.0
Methacrylamide	3.992	16.2	ng/ul	406025	1	8.058	502385	20.0
Oxirane, 2,2-di...	4.774	4.9	ng/ul	122876	1	8.058	502385	20.0
Acetic acid, 3-...	5.132	6.1	ng/ul	154192	1	8.058	502385	20.0
Guanidine, mono...	5.226	5.5	ng/ul	137775	1	8.058	502385	20.0
Pentanedioic ac...	9.768	2.9	ng/ul	108969	2	10.867	755659	20.0
1-Phenoxypropan...	11.601	4.6	ng/ul	174922	2	10.867	755659	20.0
unknown-01	15.026	2.4	ng/ul	114338	3	14.686	956778	20.0
n-Hexadecanoic ...	18.311	8.7	ng/ul	473916	4	17.429	1096160	20.0
Phenanthrene, 4...	18.346	2.3	ng/ul	123122	4	17.429	1096160	20.0
Benzaldehyde, 3...	18.493	2.3	ng/ul	126427	4	17.429	1096160	20.0
(DEL) Alkane: S...	20.308	2.9	ng/ul	199879	5	21.689	1399170	20.0
(DEL) Alkane: S...	20.332	3.2	ng/ul	225803	5	21.689	1399170	20.0
(DEL) Alkane: S...	21.331	25.5	ng/ul	1786990	5	21.689	1399170	20.0
Heneicosyl hept...	22.512	42.3	ng/ul	2958230	5	21.689	1399170	20.0
Eicosanal-	23.546	52.4	ng/ul	1810890	6	24.909	691022	20.0
(DEL) Alkane: S...	24.010	81.5	ng/ul	2817770	6	24.909	691022	20.0
1-Heneicosyl fo...	24.069	140.9	ng/ul	4869990	6	24.909	691022	20.0
Docosanal	25.485	112.3	ng/ul	3881410	6	24.909	691022	20.0
(DEL) Alkane: S...	26.108	45.8	ng/ul	1582710	6	24.909	691022	20.0
(DEL) Alkane: S...	26.237	73.5	ng/ul	2540520	6	24.909	691022	20.0