LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
Data File : BG056117.D
Acq On : 25 Dec 2022 10:42
Operator : CG/JU
Sample : N6017-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBYG2

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-BG122422.M
Title : SVOA CALIBRATION

Signal : TIC: BG056117.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.371	9	14	26	rVV	523690	767813	92.59%	7.661%
2	3.465	29	30	34	rBV	1672	1746	0.21%	0.017%
3	3.647	58	61	67	rBV3	3198	5335	0.64%	0.053%
4	3.941	107	111	112	rBV	960	1248	0.15%	0.012%
5	4.099	136	138	141	rBV2	4706	4542	0.55%	0.045%
6	4.193	151	154	161	rBV3	2669	3935	0.47%	0.039%
7	4.334	173	178	181	rBV3	4050	6313	0.76%	0.063%
8	4.434	193	195	197	rBV	1937	2082	0.25%	0.021%
9	4.663	231	234	236	rBV2	1308	1552	0.19%	0.015%
10	4.910	271	276	277	rBV	902	1158	0.14%	0.012%
11	5.045	295	299	302	rBV	2175	2811	0.34%	0.028%
12	5.380	351	356	360	rVB	10589	14588	1.76%	0.146%
13	5.797	421	427	430	rVB	1062	2095	0.25%	0.021%
14	6.391	524	528	532	rBV	867	1681	0.20%	0.017%
15	7.472	706	712	724	rVB	61919	112786	13.60%	1.125%
16	7.654	736	743	752	rVB	44290	75213	9.07%	0.750%
17	7.865	772	779	786	rBV	60270	102356	12.34%	1.021%
18	8.347	853	861	867	rBV	110261	192840	23.25%	1.924%
19	9.035	971	978	989	rVB2	83534	144692	17.45%	1.444%
20	9.170	996	1001	1012	rBV2	13289	26086	3.15%	0.260%
21	9.293	1019	1022	1023	rBV	1420	1149	0.14%	0.011%
22	9.516	1053	1060	1070	rBB	54280	97898	11.81%	0.977%
23	9.898	1119	1125	1132	rBV	4271	5114	0.62%	0.051%
24	10.122	1158	1163	1165	rBV	1744	2400	0.29%	0.024%
25	10.245	1177	1184	1191	rVB2	48381	86970	10.49%	0.868%
26	10.357	1199	1203	1212	rVB	4729	8615	1.04%	0.086%
27	10.598	1240	1244	1250	rVB2	3435	6042	0.73%	0.060%
28	10.786	1267	1276	1285	rBV	101205	174879	21.09%	1.745%
29	11.179	1334	1343	1351	rBV	166515	296112	35.71%	2.955%
30	11.303	1356	1364	1371	rBV	51512	95650	11.53%	0.954%
31	11.696	1424	1431	1433	rBV2	2075	3230	0.39%	0.032%
32	11.943	1470	1473	1481	rVB2	2407	4469	0.54%	0.045%
33	12.724	1604	1606	1613	rBB	2175	3418	0.41%	0.034%
34	12.830	1623	1624	1629	rVB	931	1085	0.13%	0.011%
35	13.476	1732	1734	1736	rVB	1153	1104	0.13%	0.011%
36	13.759	1778	1782	1787	rBB2	2378	2888	0.35%	0.029%

LSC Area Percent Report

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Operator : CG/JU
Sample : N6017-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBYG2

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-BG122422.M
Title : SVOA CALIBRATION

37	14.340	1875	1881	1888	rVB	199176	295796	35.67%	2.952%
38	14.469	1898	1903	1906	rBB	1116	1543	0.19%	0.015%
39	14.505	1906	1909	1913	rBV	1871	2653	0.32%	0.026%
40	14.652	1928	1934	1941	rBV2	233269	367181	44.28%	3.664%
41	14.951	1977	1985	1994	rVB	331397	542459	65.42%	5.413%
42	15.110	2006	2012	2019	rBV	69740	107883	13.01%	1.076%
43	15.269	2036	2039	2043	rBV	2757	3526	0.43%	0.035%
44	15.345	2050	2052	2054	rVB2	2914	2903	0.35%	0.029%
45	15.938	2144	2153	2160	rBV	330206	502440	60.59%	5.013%
46	16.038	2165	2170	2177	rVB	73126	106467	12.84%	1.062%
47	16.179	2188	2194	2196	rBV2	2917	3143	0.38%	0.031%
48	16.209	2196	2199	2203	rVV	721	1344	0.16%	0.013%
49	16.291	2207	2213	2218	rVB	160076	237615	28.65%	2.371%
50	16.496	2245	2248	2252	rBV	1150	1423	0.17%	0.014%
51	16.602	2261	2266	2268	rBV	1376	1844	0.22%	0.018%
52	16.643	2271	2273	2276	rVB	2307	1813	0.22%	0.018%
53	16.849	2305	2308	2316	rVB2	7149	9762	1.18%	0.097%
54	17.043	2339	2341	2345	rBV3	2282	1888	0.23%	0.019%
55	17.137	2354	2357	2359	rBV	1898	1817	0.22%	0.018%
56	17.166	2359	2362	2363	rBV	1919	1572	0.19%	0.016%
57	17.360	2393	2395	2397	rVB	1369	1042	0.13%	0.010%
58	17.407	2399	2403	2407	rBV	2596	3600	0.43%	0.036%
59	17.448	2407	2410	2412	rBV	1370	1381	0.17%	0.014%
60	17.513	2418	2421	2423	rBV	1087	1125	0.14%	0.011%
61	17.689	2443	2451	2458	rBV	483785	721369	86.99%	7.198%
62	17.789	2461	2468	2476	rVV2	357875	532288	64.19%	5.311%
63	17.848	2476	2478	2480	rVB	2434	2470	0.30%	0.025%
64	17.871	2480	2482	2485	rBV	1305	1335	0.16%	0.013%
65	17.942	2488	2494	2497	rBV2	2568	4989	0.60%	0.050%
66	18.006	2503	2505	2509	rVB	1284	1275	0.15%	0.013%
67	18.136	2525	2527	2529	rBV	1012	1046	0.13%	0.010%
68	18.153	2529	2530	2532	rVV	1720	1301	0.16%	0.013%
69	18.200	2536	2538	2542	rVB	1386	1239	0.15%	0.012%
70	18.336	2555	2561	2567	rVB4	3889	7952	0.96%	0.079%
71	18.430	2573	2577	2578	rBV3	3145	3352	0.40%	0.033%
72	18.477	2583	2585	2590	rVV5	5159	6380	0.77%	0.064%
73	18.535	2590	2595	2604	rVV2	63971	91636	11.05%	0.914%
74	18.618	2604	2609	2615	rVV4	4877	10694	1.29%	0.107%
75	18.665	2615	2617	2623	rVB3	2516	2994	0.36%	0.030%
76	18.741	2626	2630	2637	rVB5	8462	14019	1.69%	0.140%

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Misc :
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Instrument :
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ClientSampleId :
DBYG2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
Title : SVOA CALIBRATION

77	18.806	2637	2641	2646	rBV	25897	36439	4.39%	0.364%
78	18.858	2648	2650	2651	rBV2	2105	1444	0.17%	0.014%
79	18.894	2654	2656	2658	rBV3	2751	2161	0.26%	0.022%
80	18.958	2663	2667	2673	rBV8	9974	17629	2.13%	0.176%
81	19.052	2678	2683	2689	rVV2	14186	23963	2.89%	0.239%
82	19.129	2691	2696	2701	rVV2	57856	79905	9.64%	0.797%
83	19.170	2701	2703	2705	rVV2	2658	2972	0.36%	0.030%
84	19.193	2705	2707	2710	rVV3	4633	4777	0.58%	0.048%
85	19.234	2713	2714	2716	rVB	3040	1503	0.18%	0.015%
86	19.340	2728	2732	2736	rBV	9112	11094	1.34%	0.111%
87	19.469	2749	2754	2759	rBV2	41300	53928	6.50%	0.538%
88	19.575	2769	2772	2775	rBV5	8024	12309	1.48%	0.123%
89	19.793	2805	2809	2813	rBV6	26435	48945	5.90%	0.488%
90	20.051	2847	2853	2861	rVB	492449	709997	85.62%	7.084%
91	20.186	2871	2876	2881	rBV	411381	517778	62.44%	5.166%
92	20.310	2894	2897	2901	rBV3	18400	26819	3.23%	0.268%
93	20.368	2904	2907	2911	rVB3	36262	40009	4.82%	0.399%
94	20.539	2932	2936	2942	rVB	42117	56120	6.77%	0.560%
95	21.579	3109	3113	3122	rBV3	40681	71017	8.56%	0.709%
96	21.990	3176	3183	3189	rBV2	472220	826012	99.61%	8.242%
97	22.813	3319	3323	3326	rBV4	23189	37285	4.50%	0.372%
98	24.428	3593	3598	3607	rVB4	42054	89565	10.80%	0.894%
99	25.216	3723	3732	3743	rVB	231365	652480	78.68%	6.511%
100	25.451	3764	3772	3787	rVB2	273072	829251	100.00%	8.274%

Sum of corrected areas: 10021856

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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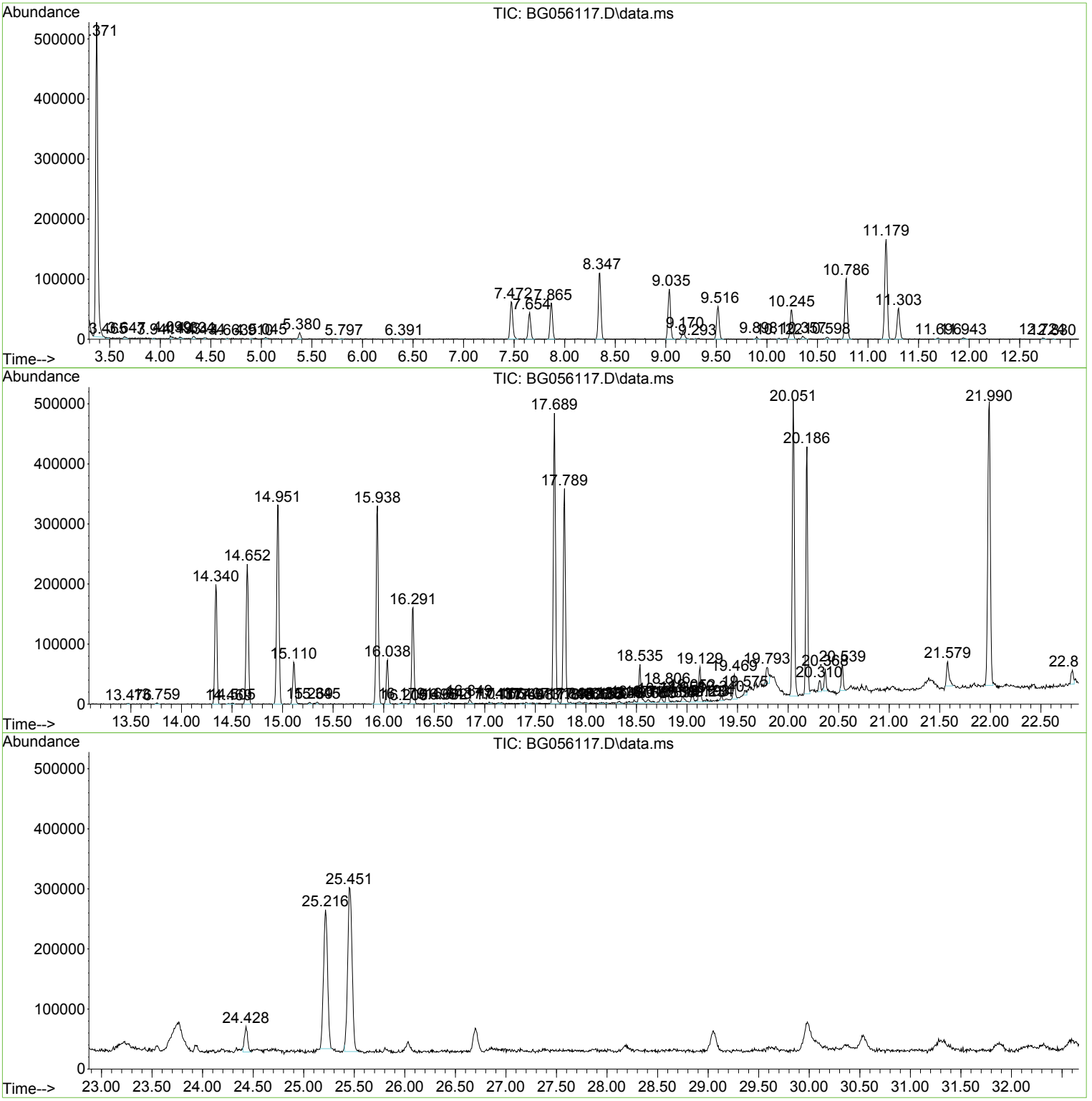
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
Data File : BG056117.D
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Operator : CG/JU
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Instrument :
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ClientSampleId :
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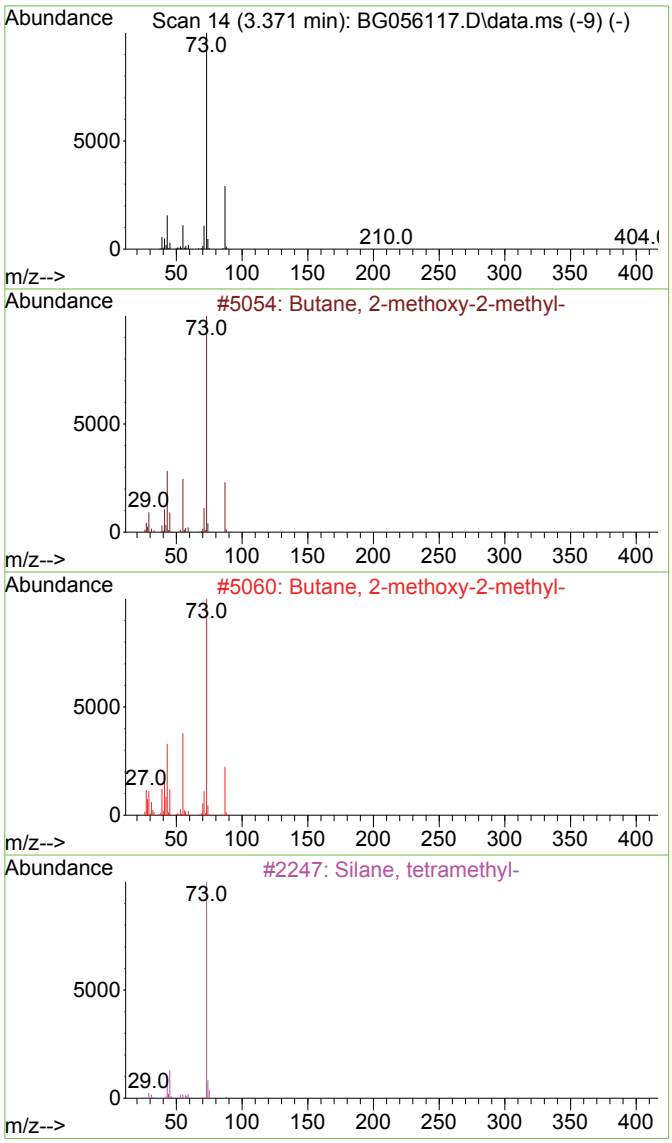
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
Quant Title : SVOA CALIBRATION

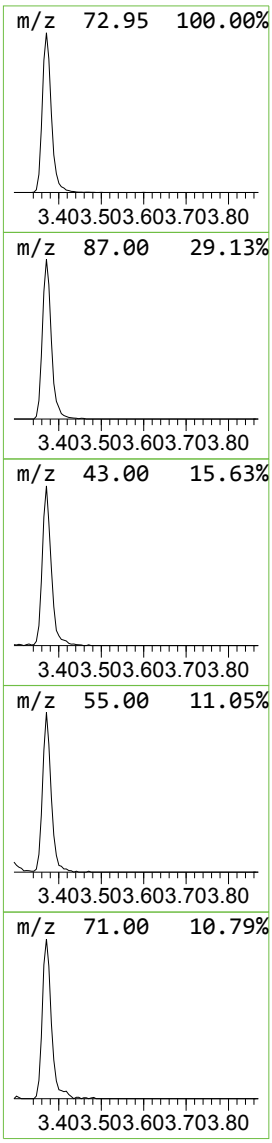
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.371	79.63 ng/ul	767813	1,4-Dichlorobenzene-d4	8.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	43
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
Data File : BG056117.D
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Sample : N6017-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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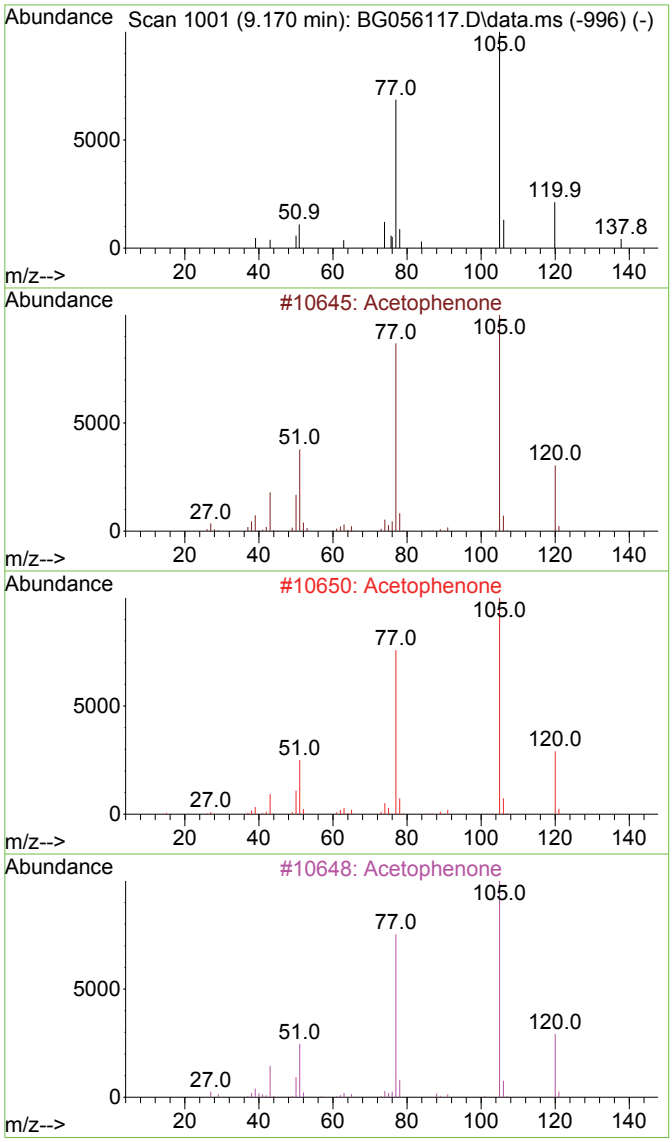
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
Quant Title : SVOA CALIBRATION

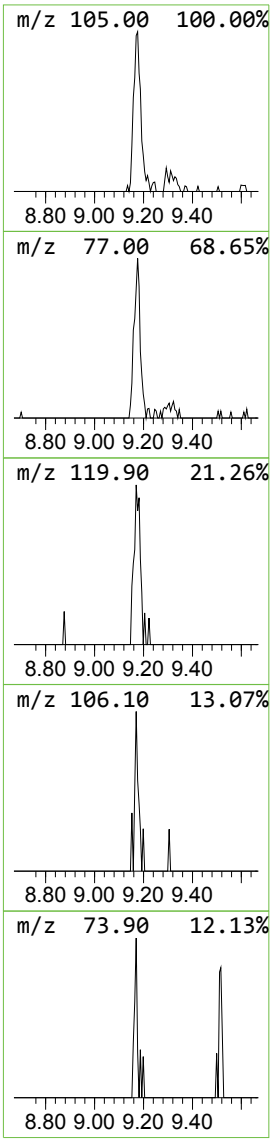
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Aceto phenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.170	2.71 ng/ul	26086	1,4-Dichlorobenzene-d4	8.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone	120	C8H8O	000098-86-2	72
2	Acetophenone	120	C8H8O	000098-86-2	64
3	Acetophenone	120	C8H8O	000098-86-2	64
4	Acetophenone	120	C8H8O	000098-86-2	64
5	ethanone, 2-chloro-2,2-difluoro-...	190	C8H5ClF2O	1000400-22-4	50





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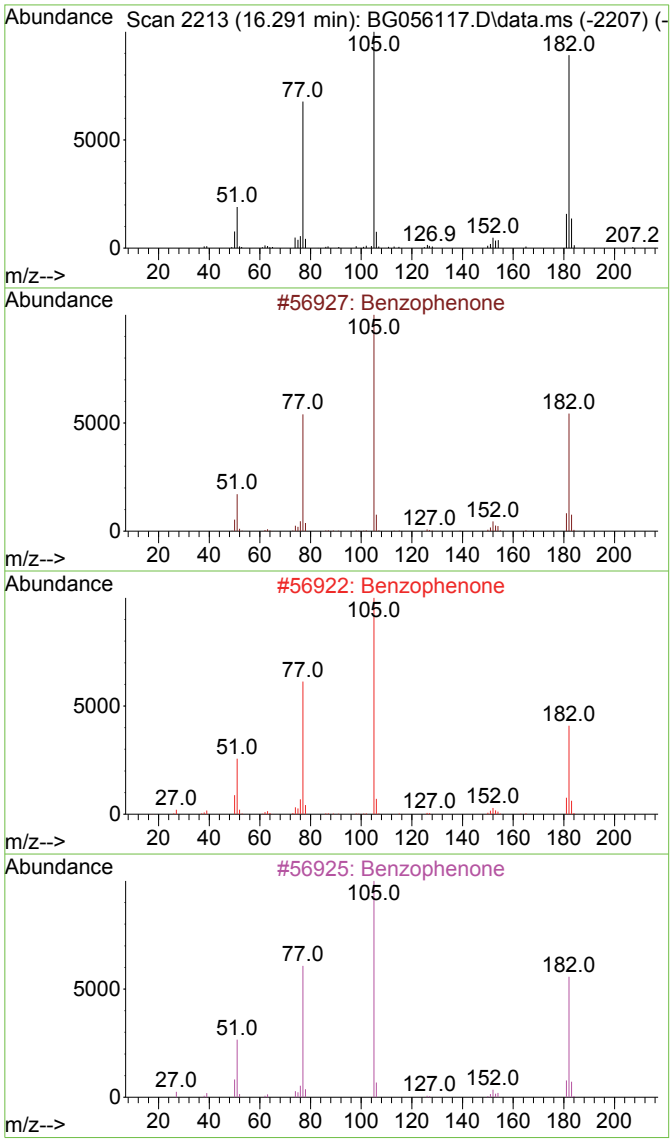
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
Quant Title : SVOA CALIBRATION

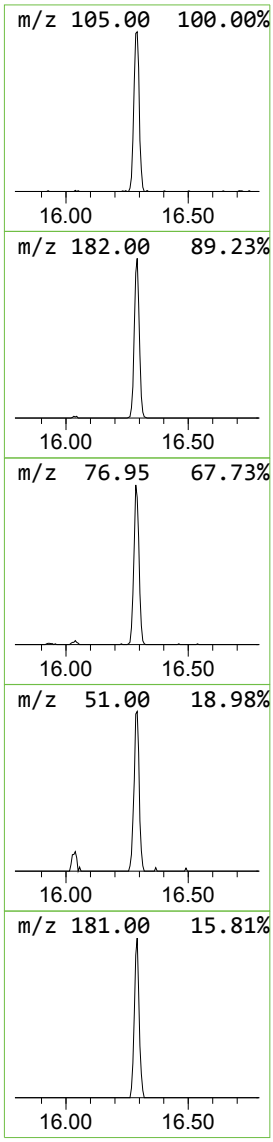
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.291	8.76 ng/ul	237615	Acenaphthene-d10	14.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Benzophenone	182	C13H10O	000119-61-9	94
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	87





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ALS Vial : 25 Sample Multiplier: 1

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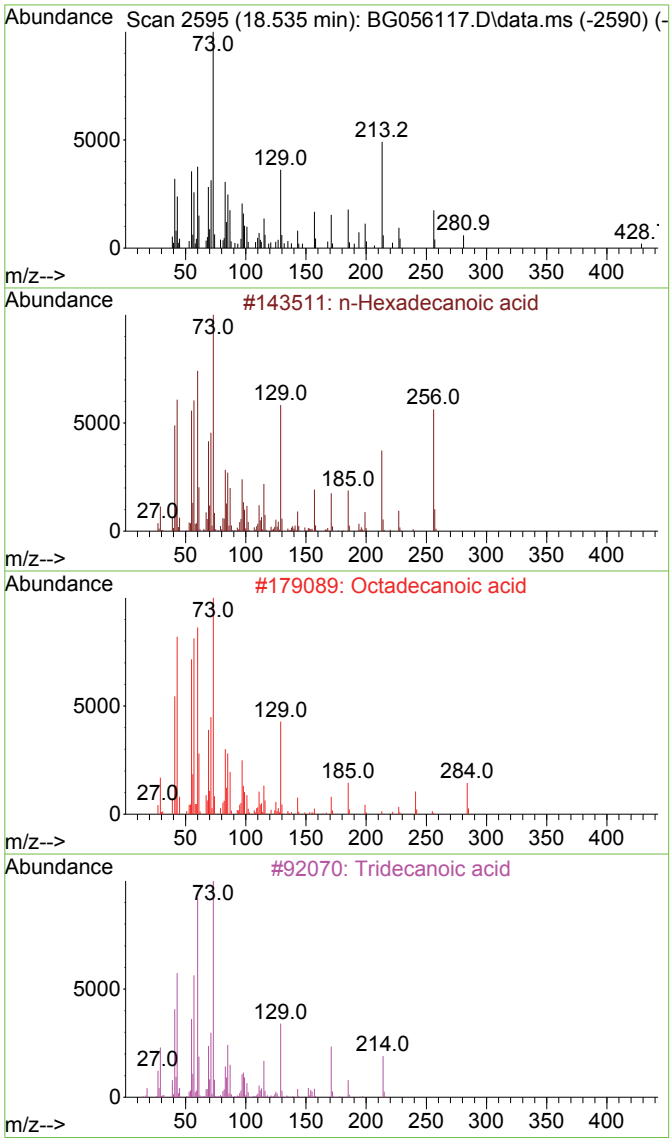
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
Quant Title : SVOA CALIBRATION

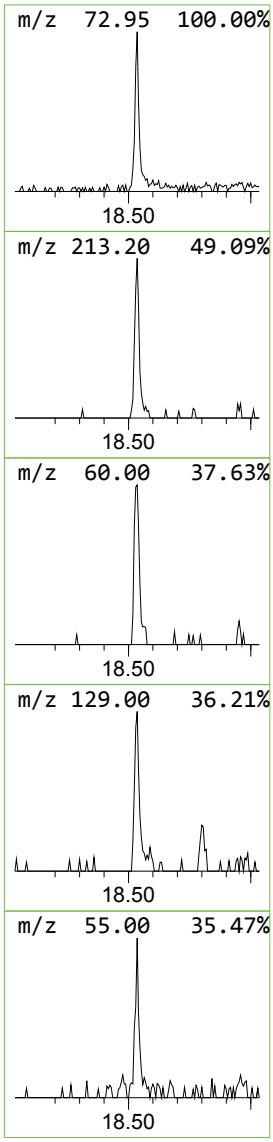
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.535	2.54 ng/ul	91636	Phenanthrene-d10	17.689

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
2	Octadecanoic acid	284	C18H36O2	000057-11-4	35
3	Tridecanoic acid	214	C13H26O2	000638-53-9	35
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	30
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	27





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Sample : N6017-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBYG2

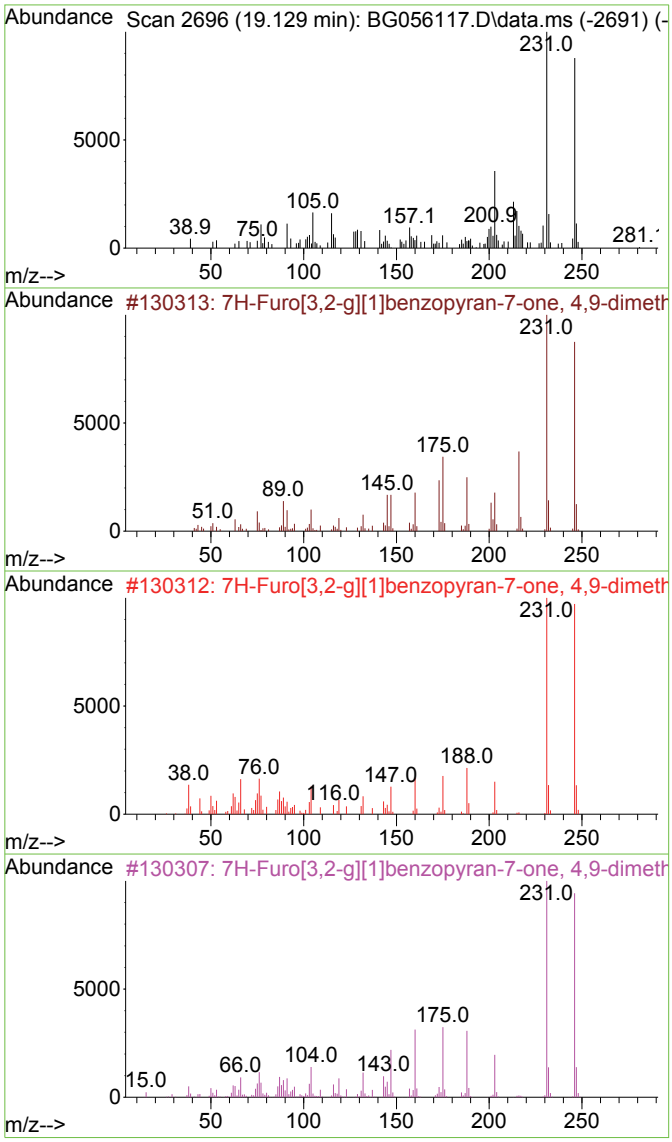
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
Quant Title : SVOA CALIBRATION

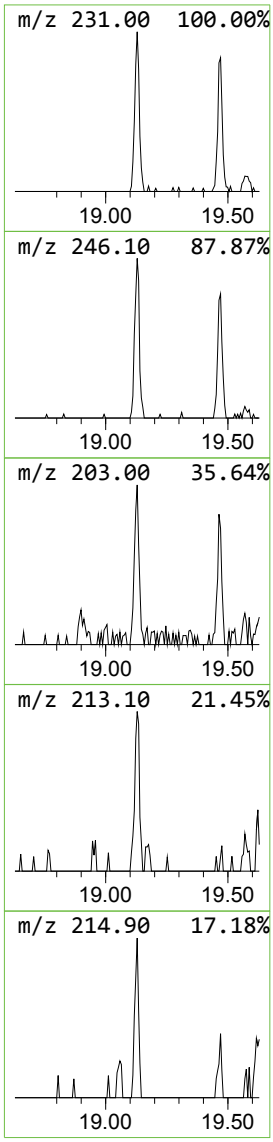
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 7H-Furo[3,2-g][1]benzopyran... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.129	2.22 ng/ul	79905	Phenanthrene-d10	17.689

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Furo[3,2-g][1]benzopyran-7-on...	246	C13H10O5	000482-27-9	68
2	7H-Furo[3,2-g][1]benzopyran-7-on...	246	C13H10O5	000482-27-9	64
3	7H-Furo[3,2-g][1]benzopyran-7-on...	246	C13H10O5	000482-27-9	64
4	Benzene, hexaethyl-	246	C18H30	000604-88-6	58
5	2-Propenoic acid, 2-cyano-3-(4-m...	231	C13H13NO3	002286-29-5	46





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Data File : BG056117.D
Acq On : 25 Dec 2022 10:42
Operator : CG/JU
Sample : N6017-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBYG2

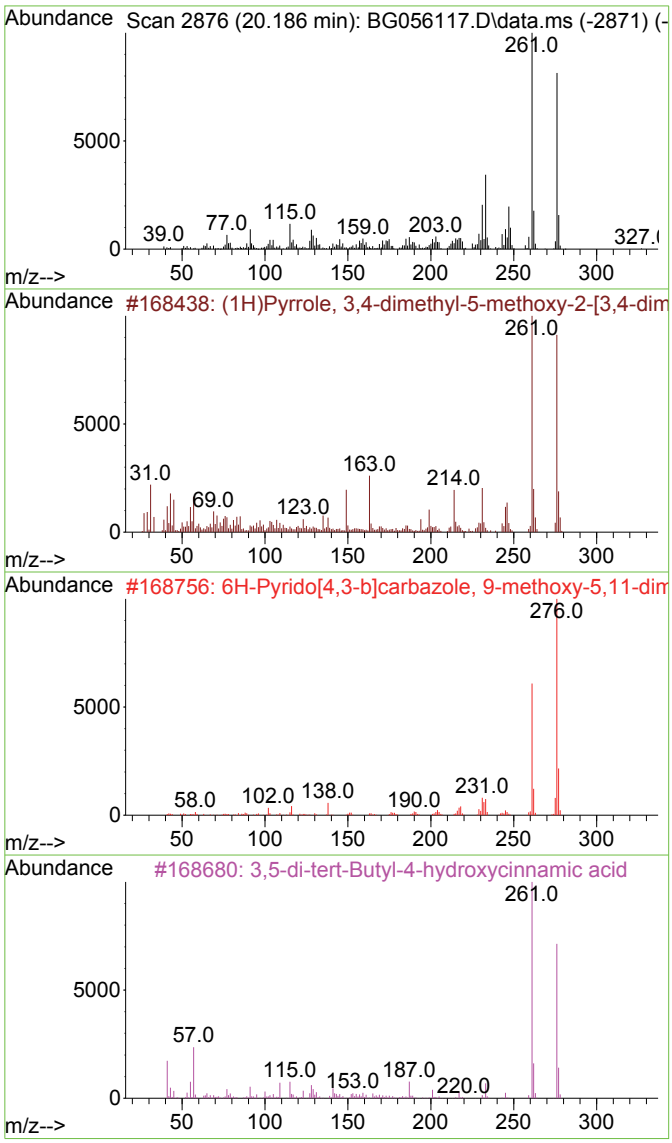
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
Quant Title : SVOA CALIBRATION

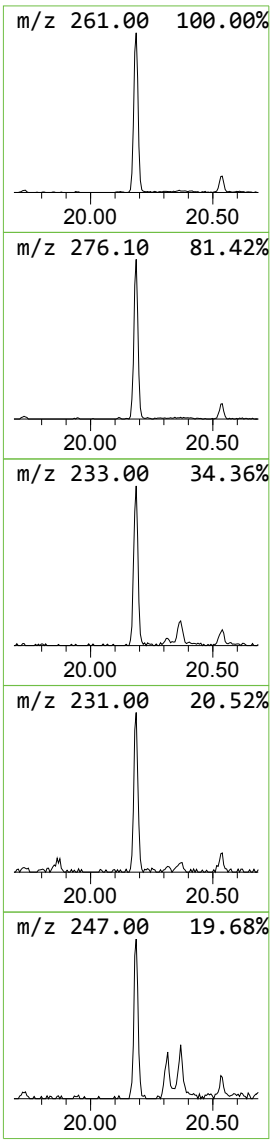
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (1H)Pyrrole, 3,4-dimethyl-5... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.186	12.54 ng/ul	517778	Chrysene-d12	21.990

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1H)Pyrrole, 3,4-dimethyl-5-meth...	276	C15H20N2OS	1000197-22-6	90
2	6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	81
3	3,5-di-tert-Butyl-4-hydroxycinna...	276	C17H24O3	022014-01-3	70
4	4-(3-Fluoro-8-nitronaphthalen-2-...	276	C14H13FN2O3	1000409-37-1	64
5	5,6,7,8-Tetrahydrothieno[2,3-b]q...	276	C14H20N2SSi	1000496-40-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
Data File : BG056117.D
Acq On : 25 Dec 2022 10:42
Operator : CG/JU
Sample : N6017-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBYG2

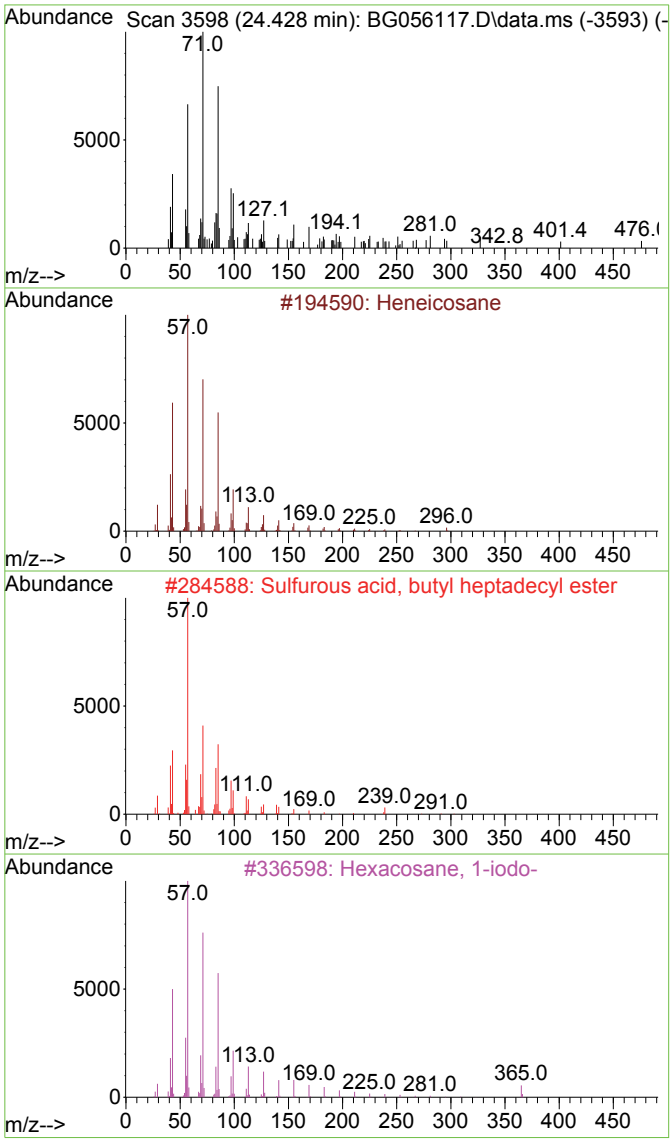
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
Quant Title : SVOA CALIBRATION

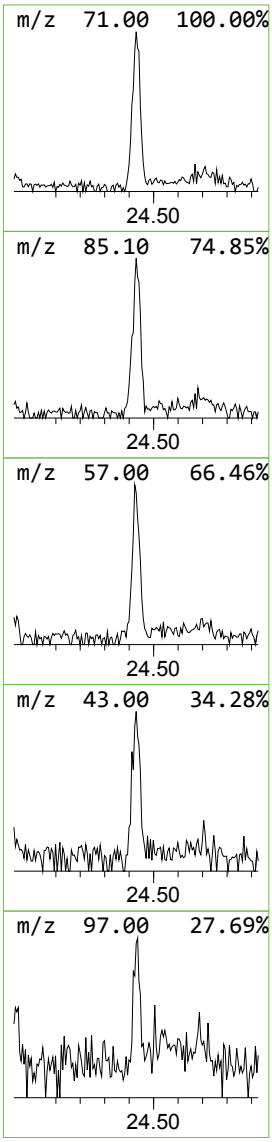
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.428	2.16 ng/ul	89565	Perylene-d12	25.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	80
3	Hexacosane, 1-iodo-	492	C26H53I	1000406-32-1	80
4	Hexacosane	366	C26H54	000630-01-3	80
5	Pentacosane	352	C25H52	000629-99-2	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
Data File : BG056117.D
Acq On : 25 Dec 2022 10:42
Operator : CG/JU
Sample : N6017-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBYG2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.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...	3.371	79.6	ng/ul	767813	1	8.347	192840	20.0
Aceto phenone	9.170	2.7	ng/ul	26086	1	8.347	192840	20.0
Benzophenone	16.291	8.8	ng/ul	237615	3	14.951	542459	20.0
n-Hexadecanoic ...	18.535	2.5	ng/ul	91636	4	17.689	721369	20.0
7H-Furo[3,2-g][...	19.129	2.2	ng/ul	79905	4	17.689	721369	20.0
(1H)Pyrrole, 3,...	20.186	12.5	ng/ul	517778	5	21.990	826012	20.0
(DEL) Alkane: S...	24.428	2.2	ng/ul	89565	6	25.451	829251	20.0