LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030323\
Data File : BG056828.D
Acq On : 4 Mar 2023 8:19
Operator : CG/JU
Sample : 01711-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBAD1

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-BG022323.M
Title : SVOA CALIBRATION

Signal : TIC: BG056828.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.442	320	324	330	rVB3	6500	9443	1.54%	0.166%
2	7.539	675	681	691	rVB	75754	127401	20.84%	2.234%
3	7.721	706	712	719	rVB	47913	79340	12.98%	1.391%
4	7.939	743	749	755	rVB2	64286	107014	17.51%	1.876%
5	8.415	824	830	838	rVB	54334	89389	14.62%	1.567%
6	9.102	941	947	956	rVB	84579	147064	24.06%	2.578%
7	9.237	965	970	977	rVB3	3987	8300	1.36%	0.146%
8	9.590	1023	1030	1037	rBV2	72108	127235	20.81%	2.231%
9	9.666	1039	1043	1045	rBV2	629	873	0.14%	0.015%
10	10.318	1148	1154	1161	rVB	63715	109649	17.94%	1.922%
11	10.859	1239	1246	1256	rVB	93121	161807	26.47%	2.837%
12	11.253	1307	1313	1320	rVB	80081	141472	23.14%	2.480%
13	11.376	1327	1334	1341	rVB	80243	137532	22.50%	2.411%
14	12.022	1440	1444	1446	rBV2	851	897	0.15%	0.016%
15	12.727	1561	1564	1568	rBV3	746	1076	0.18%	0.019%
16	12.804	1574	1577	1582	rVB2	1320	1803	0.29%	0.032%
17	13.820	1748	1750	1755	rVB2	1133	982	0.16%	0.017%
18	14.402	1843	1849	1856	rVB	204506	301646	49.35%	5.289%
19	14.461	1856	1859	1865	rBV2	508	1168	0.19%	0.020%
20	14.719	1896	1903	1910	rBV	222999	335790	54.93%	5.887%
21	15.019	1946	1954	1962	rVB	156504	237228	38.81%	4.159%
22	15.177	1973	1981	1995	rBV	96578	156029	25.52%	2.736%
23	15.407	2016	2020	2024	rBV3	4405	5584	0.91%	0.098%
24	15.724	2071	2074	2079	rBV3	2970	3719	0.61%	0.065%
25	16.000	2114	2121	2128	rBV	300997	446010	72.96%	7.820%
26	16.100	2132	2138	2146	rVB	96463	139922	22.89%	2.453%
27	16.241	2159	2162	2165	rVB2	940	1113	0.18%	0.020%
28	16.353	2176	2181	2187	rVB	21850	30139	4.93%	0.528%
29	17.187	2319	2323	2326	rBV	634	904	0.15%	0.016%
30	17.269	2334	2337	2340	rBV2	675	1080	0.18%	0.019%
31	17.751	2413	2419	2427	rVB	204497	305745	50.02%	5.361%
32	17.851	2429	2436	2443	rBV2	326694	502054	82.13%	8.803%
33	17.915	2443	2447	2449	rVB4	3841	5095	0.83%	0.089%
34	18.086	2472	2476	2479	rBV	710	1154	0.19%	0.020%
35	18.491	2541	2545	2547	rBV	1413	1458	0.24%	0.026%
36	18.591	2556	2562	2569	rBV3	21865	30988	5.07%	0.543%

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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Title : SVOA CALIBRATION

37	18.750	2585	2589	2595	rBV2	745	1544	0.25%	0.027%
38	19.008	2630	2633	2639	rVB3	1861	2757	0.45%	0.048%
39	19.196	2663	2665	2670	rVB3	4414	5353	0.88%	0.094%
40	19.396	2696	2699	2700	rBV3	1154	1078	0.18%	0.019%
41	19.637	2738	2740	2742	rBV2	1246	1104	0.18%	0.019%
42	19.684	2742	2748	2755	rVV5	5424	10603	1.73%	0.186%
43	19.749	2755	2759	2763	rVB2	5162	6673	1.09%	0.117%
44	19.843	2773	2775	2780	rVB3	2852	3137	0.51%	0.055%
45	20.060	2810	2812	2815	rBV2	1802	2017	0.33%	0.035%
46	20.113	2815	2821	2829	rVV	431242	611294	100.00%	10.718%
47	20.207	2833	2837	2839	rBV2	1230	1857	0.30%	0.033%
48	20.459	2878	2880	2883	rVB3	1239	1163	0.19%	0.020%
49	20.495	2884	2886	2889	rVB2	1560	1223	0.20%	0.021%
50	20.530	2889	2892	2897	rBV4	4390	5979	0.98%	0.105%
51	20.589	2900	2902	2906	rVB3	2700	3150	0.52%	0.055%
52	21.100	2986	2989	2991	rVB4	3458	4384	0.72%	0.077%
53	21.300	3021	3023	3024	rBV2	1706	1115	0.18%	0.020%
54	21.629	3075	3079	3092	rVB2	20730	35680	5.84%	0.626%
55	22.058	3146	3152	3162	rVB2	195556	334564	54.73%	5.866%
56	22.216	3177	3179	3185	rVB4	4016	5488	0.90%	0.096%
57	22.387	3206	3208	3211	rBV3	2352	2788	0.46%	0.049%
58	25.342	3700	3711	3724	rBV	191127	572178	93.60%	10.032%
59	25.583	3742	3752	3763	rVB2	107728	321334	52.57%	5.634%
60	26.711	3942	3944	3948	rBV4	1796	2378	0.39%	0.042%
61	28.897	4314	4316	4317	rBV2	2000	1476	0.24%	0.026%
62	29.102	4350	4351	4353	rBV2	2257	1825	0.30%	0.032%
63	30.947	4663	4665	4666	rBV2	2251	1466	0.24%	0.026%
64	31.764	4802	4804	4805	rVB2	3141	1814	0.30%	0.032%

Sum of corrected areas: 5703525

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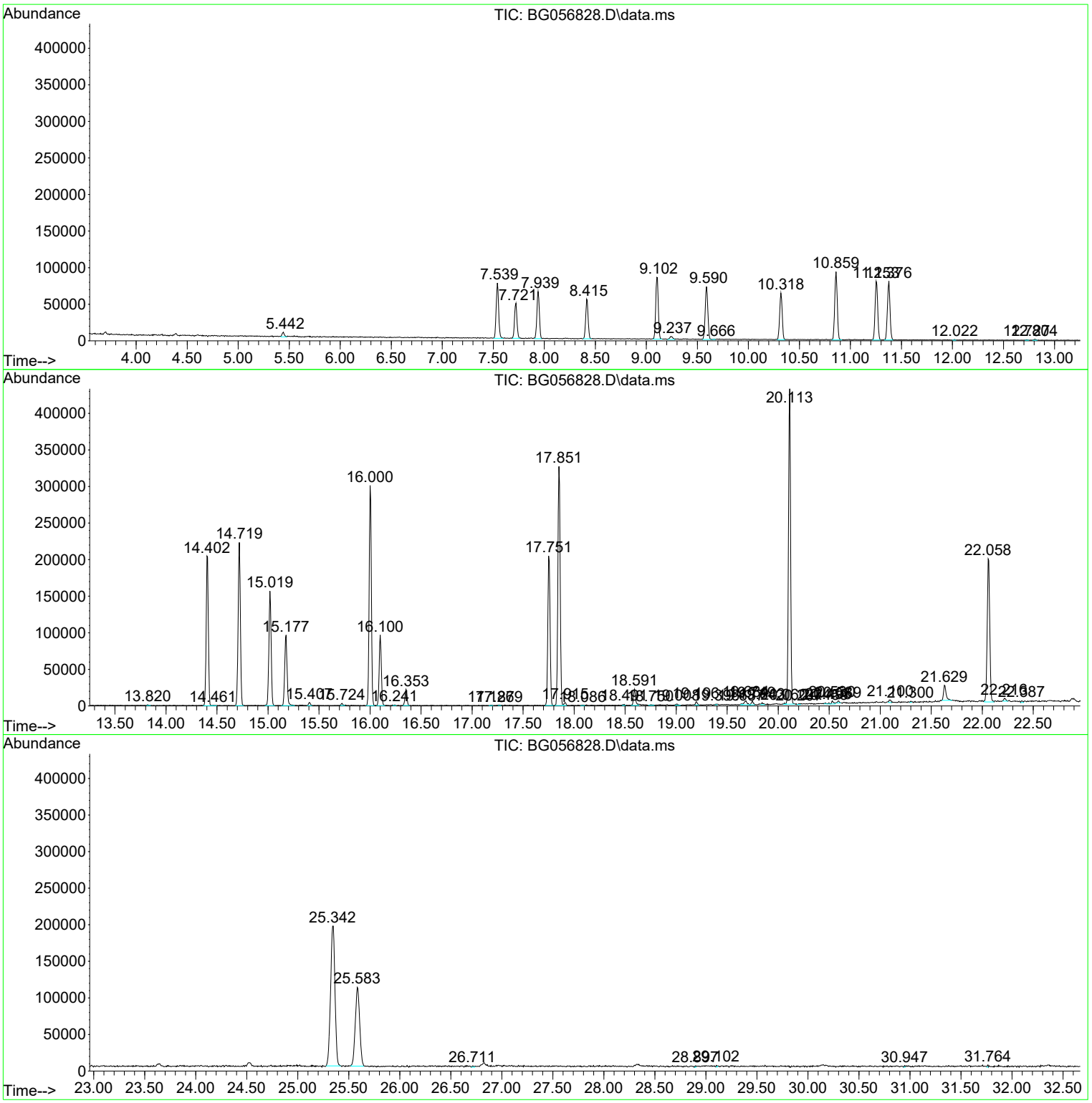
ClientSampleId :
DBAD1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
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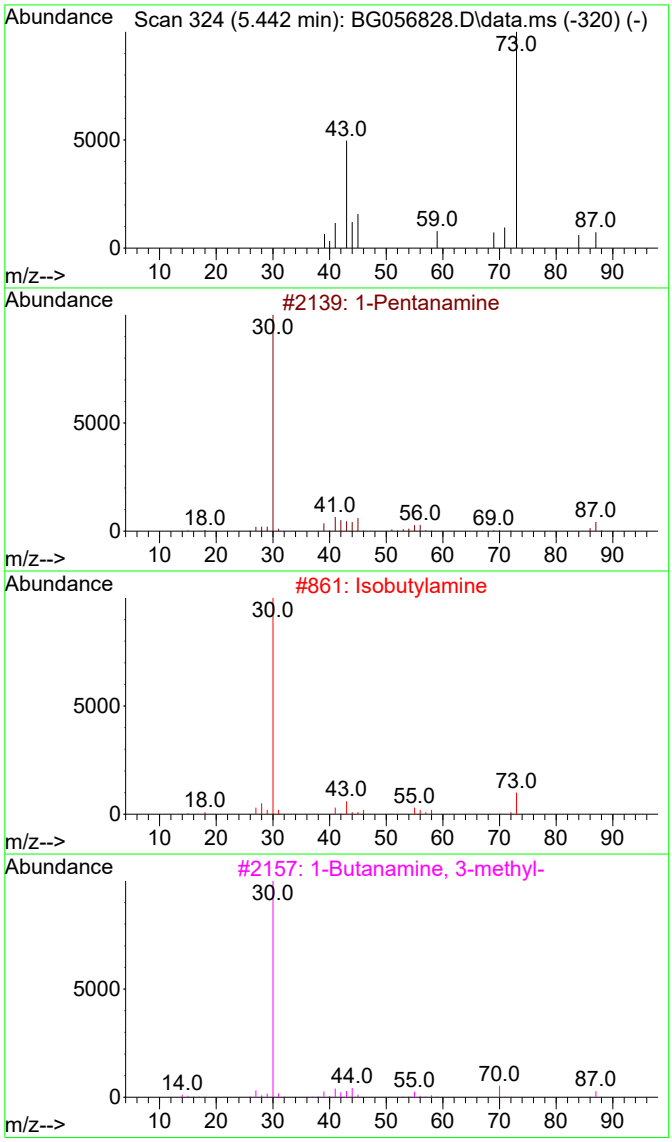
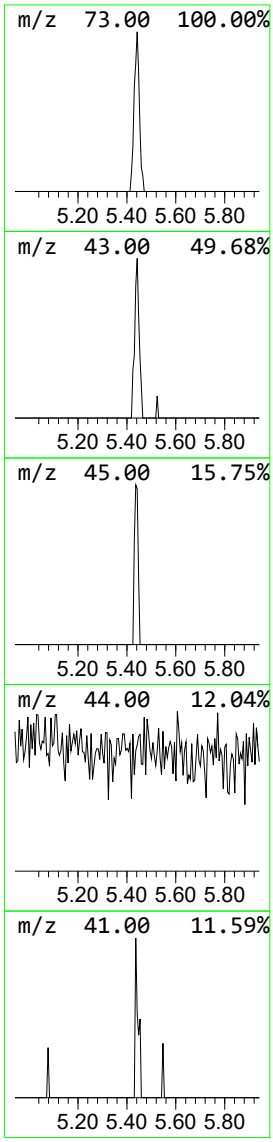
****
Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.442	2.11 ng/ul	9443	1,4-Dichlorobenzene-d4	8.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanamine	87	C5H13N	000110-58-7	5
2	Isobutylamine	73	C4H11N	000078-81-9	4
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	4
4	1,4-Butanediamine	88	C4H12N2	000110-60-1	4
5	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	4





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
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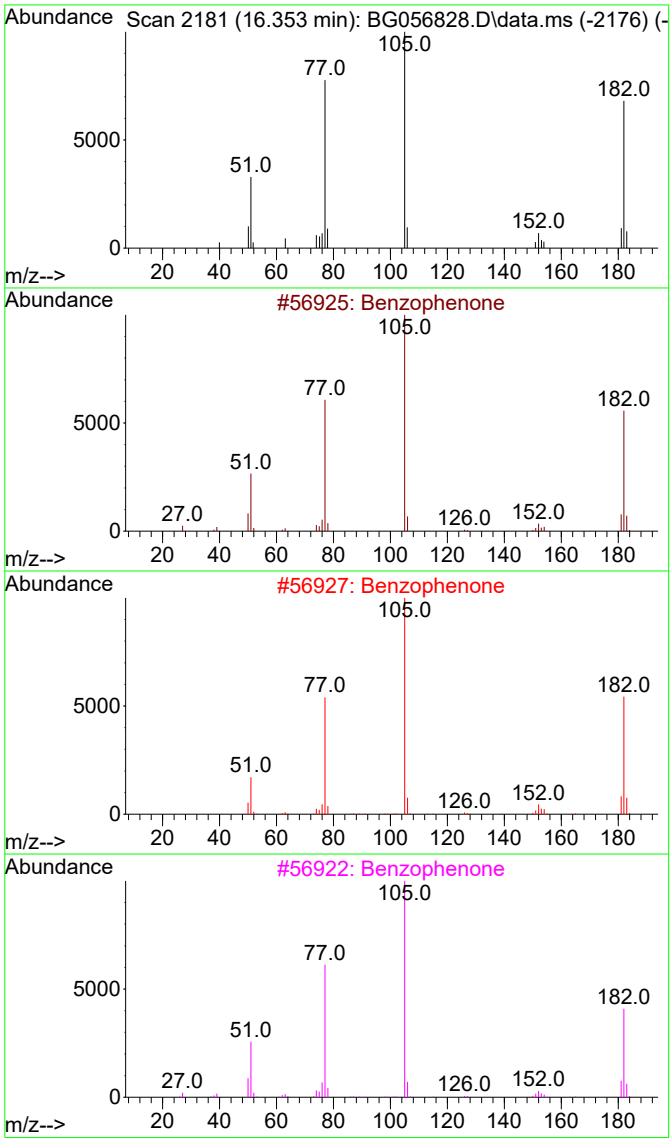
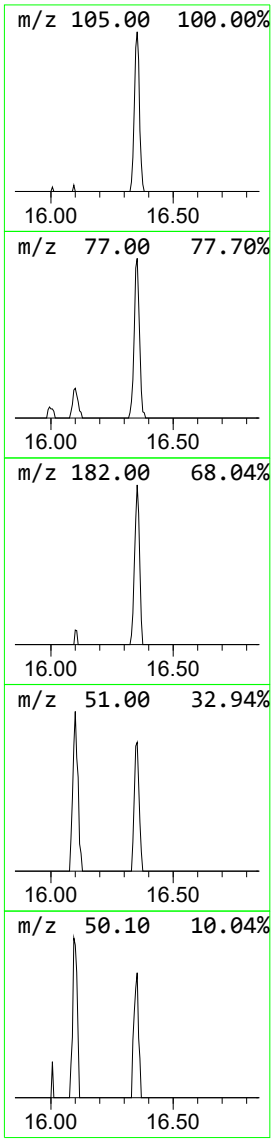
****

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.352	2.54 ng/ul	30139	Acenaphthene-d10	15.019

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	Benzophenone	182	C13H10O	000119-61-9	94
3	Benzophenone	182	C13H10O	000119-61-9	91
4	Benzophenone	182	C13H10O	000119-61-9	86
5	Benzophenone	182	C13H10O	000119-61-9	76





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
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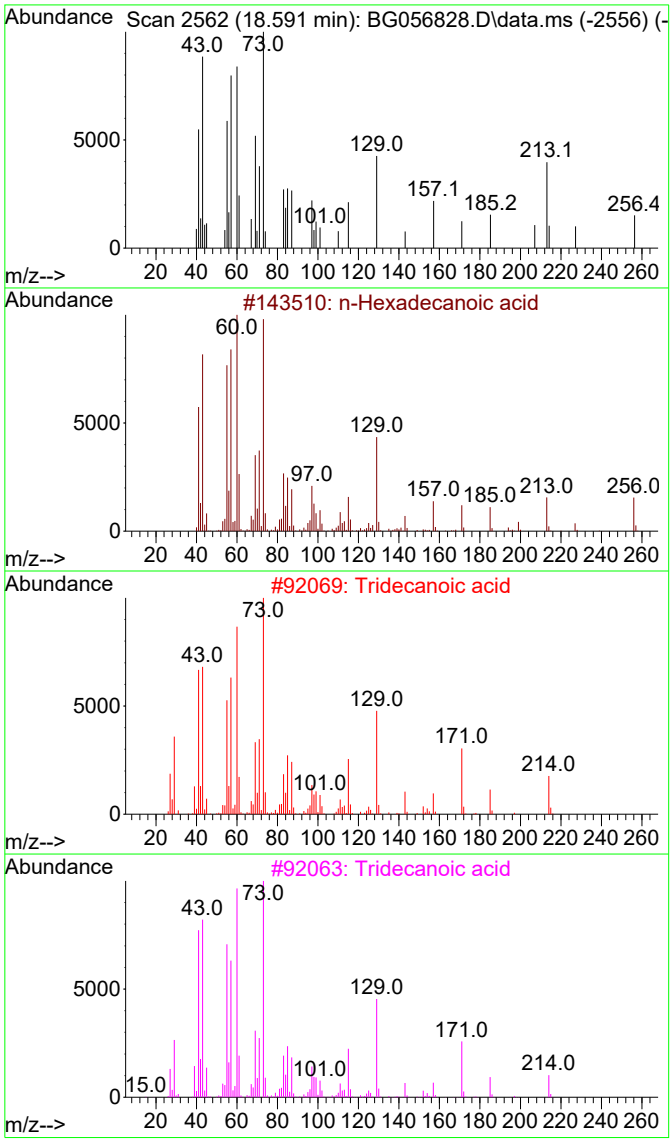
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

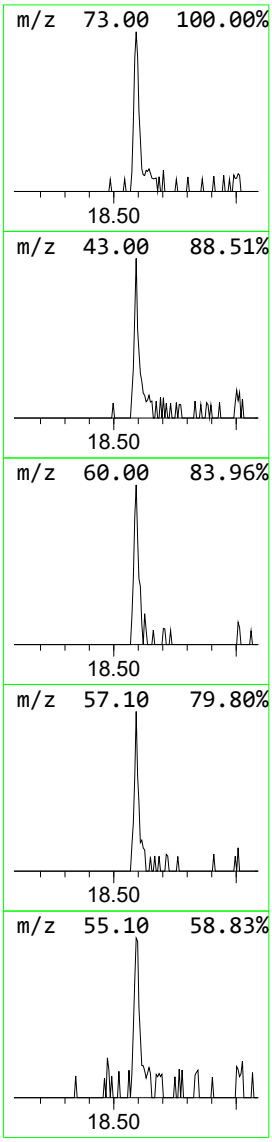
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.591	2.03 ng/ul	30988	Phenanthrene-d10	17.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58





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Instrument :
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ClientSampleId :
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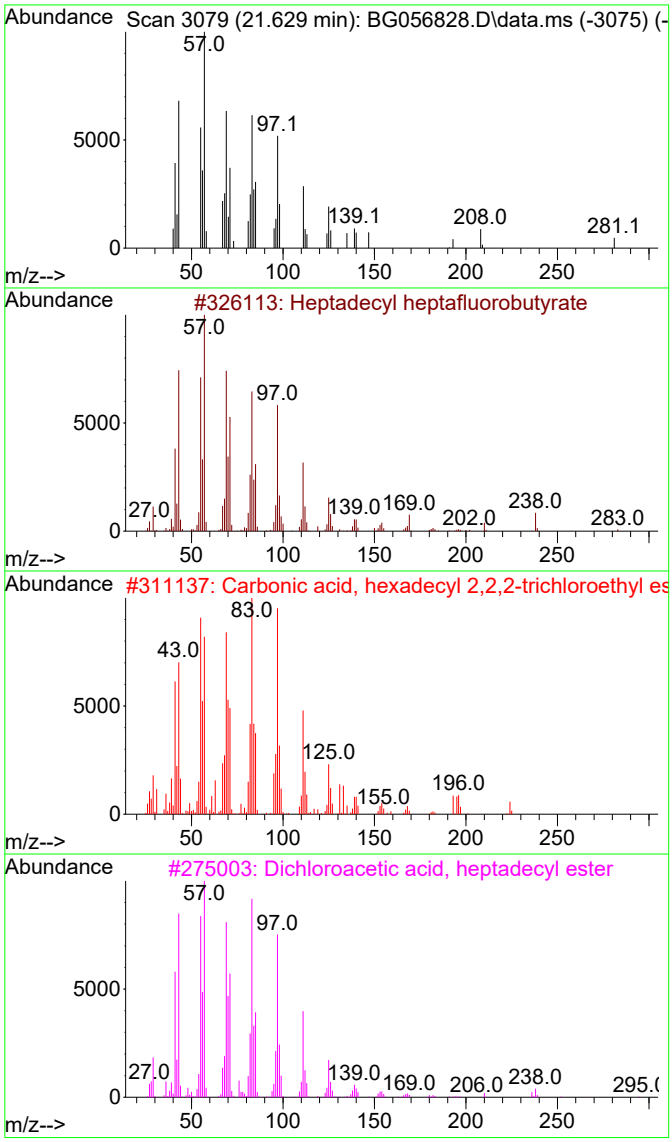
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

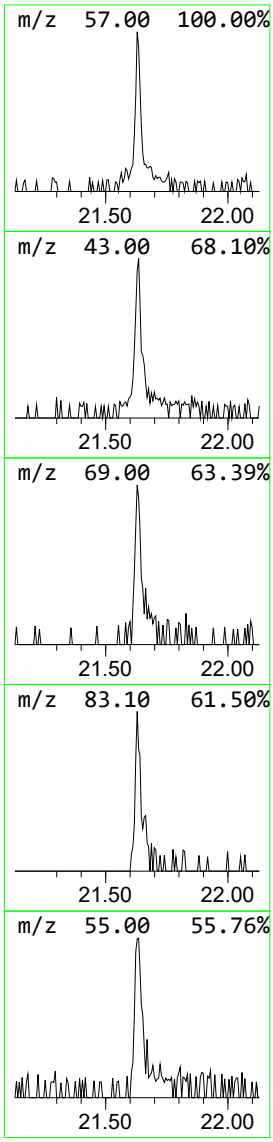
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Heptadecyl heptafluorobutyrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.629	2.13 ng/ul	35680	Chrysene-d12	22.058

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
2	Carbonic acid, hexadecyl 2,2,2-t...	416	C19H35Cl3O3	1000314-56-2	87
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	87
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	83
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	83





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	5.442	2.1	ng/ul	9443	1	8.415	89389	20.0
Benzophenone	16.352	2.5	ng/ul	30139	3	15.019	237228	20.0
n-Hexadecanoic ...	18.591	2.0	ng/ul	30988	4	17.751	305745	20.0
Heptadecyl hept...	21.629	2.1	ng/ul	35680	5	22.058	334564	20.0