LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022723\
Data File : BG056745.D
Acq On : 28 Feb 2023 1:00
Operator : CG/JU
Sample : 01648-22
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBZW8

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: BG056745.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.699	24	27	33	rVB	4511	5890	0.96%	0.093%
2	4.134	98	101	114	rBV	48374	83445	13.60%	1.312%
3	5.444	321	324	330	rVB4	4340	6700	1.09%	0.105%
4	5.491	330	332	335	rBV2	909	842	0.14%	0.013%
5	7.541	674	681	690	rVB	88020	149588	24.38%	2.353%
6	7.724	706	712	719	rVB	57395	92679	15.11%	1.458%
7	7.941	743	749	756	rVB	77782	127159	20.73%	2.000%
8	8.423	824	831	839	rVB	56980	94663	15.43%	1.489%
9	9.104	939	947	954	rBV	103715	175918	28.67%	2.767%
10	9.592	1023	1030	1037	rVB	81242	139762	22.78%	2.198%
11	9.968	1091	1094	1099	rBV4	1818	2558	0.42%	0.040%
12	10.321	1145	1154	1164	rVB2	68916	121515	19.81%	1.911%
13	10.861	1239	1246	1253	rBV	105594	182276	29.71%	2.867%
14	11.067	1278	1281	1285	rVB4	2784	3670	0.60%	0.058%
15	11.261	1307	1314	1321	rVB	78917	144426	23.54%	2.271%
16	11.378	1326	1334	1343	rBV	93594	166778	27.18%	2.623%
17	12.624	1541	1546	1548	rBV4	1090	1592	0.26%	0.025%
18	12.735	1558	1565	1569	rVB3	3849	5736	0.93%	0.090%
19	12.812	1574	1578	1581	rVB	1750	2179	0.36%	0.034%
20	13.546	1698	1703	1706	rVB2	3759	5051	0.82%	0.079%
21	13.734	1733	1735	1743	rVB2	5041	6421	1.05%	0.101%
22	13.822	1746	1750	1754	rBV3	5624	6437	1.05%	0.101%
23	13.893	1758	1762	1766	rBV	748	873	0.14%	0.014%
24	14.410	1843	1850	1856	rBV	222667	314489	51.26%	4.946%
25	14.469	1858	1860	1864	rBV	1392	1406	0.23%	0.022%
26	14.721	1897	1903	1912	rVB2	227894	352683	57.49%	5.547%
27	14.886	1927	1931	1934	rVB2	3940	5419	0.88%	0.085%
28	14.992	1942	1949	1950	rBV	14288	17600	2.87%	0.277%
29	15.027	1950	1955	1961	rVB	151094	231213	37.69%	3.636%
30	15.174	1974	1980	1991	rBV	105751	169229	27.58%	2.662%
31	15.761	2076	2080	2084	rVB3	4096	5324	0.87%	0.084%
32	15.826	2088	2091	2094	rBV2	1612	1526	0.25%	0.024%
33	16.008	2115	2122	2130	rVB	302598	459821	74.95%	7.232%
34	16.102	2132	2138	2147	rVB	98168	148713	24.24%	2.339%
35	16.243	2159	2162	2167	rVB2	826	1199	0.20%	0.019%
36	16.355	2173	2181	2188	rBV	39399	58181	9.48%	0.915%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022723\
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Acq On : 28 Feb 2023 1:00
Operator : CG/JU
Sample : 01648-22
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBZW8

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

37	17.424	2359	2363	2367	rVB2	4401	4729	0.77%	0.074%
38	17.471	2367	2371	2373	rBV2	1052	1265	0.21%	0.020%
39	17.759	2413	2420	2428	rVB	210065	313363	51.08%	4.928%
40	17.859	2430	2437	2443	rVV2	334395	513861	83.76%	8.082%
41	17.918	2443	2447	2451	rVB2	8254	10024	1.63%	0.158%
42	18.094	2474	2477	2479	rVB2	1043	991	0.16%	0.016%
43	18.393	2527	2528	2532	rVB2	1545	1197	0.20%	0.019%
44	18.476	2537	2542	2544	rVB2	625	933	0.15%	0.015%
45	18.599	2558	2563	2572	rBV3	29665	46156	7.52%	0.726%
46	18.734	2585	2586	2589	rVB	1111	936	0.15%	0.015%
47	18.852	2603	2606	2610	rVB4	2531	2481	0.40%	0.039%
48	19.016	2630	2634	2641	rBV2	22539	25638	4.18%	0.403%
49	19.204	2660	2666	2671	rBV5	3276	5090	0.83%	0.080%
50	19.339	2685	2689	2692	rBV3	1400	1614	0.26%	0.025%
51	19.439	2704	2706	2711	rVV4	2215	2493	0.41%	0.039%
52	19.498	2714	2716	2718	rVB2	1183	1049	0.17%	0.016%
53	19.604	2731	2734	2738	rBV3	2183	2530	0.41%	0.040%
54	19.686	2744	2748	2750	rBV4	4264	5837	0.95%	0.092%
55	19.751	2756	2759	2763	rVB2	3933	5296	0.86%	0.083%
56	19.845	2772	2775	2781	rVB6	4883	7001	1.14%	0.110%
57	19.892	2781	2783	2786	rBV3	1067	1099	0.18%	0.017%
58	20.050	2808	2810	2811	rBV2	1590	880	0.14%	0.014%
59	20.074	2811	2814	2815	rVV3	2169	2687	0.44%	0.042%
60	20.115	2815	2821	2829	rVB	430760	613506	100.00%	9.649%
61	20.538	2889	2893	2896	rBV	20830	25326	4.13%	0.398%
62	20.597	2900	2903	2906	rVB3	6503	6729	1.10%	0.106%
63	20.738	2925	2927	2931	rBV4	1631	2219	0.36%	0.035%
64	21.067	2979	2983	2988	rVV	19367	26457	4.31%	0.416%
65	21.108	2988	2990	2994	rVB3	8230	7596	1.24%	0.119%
66	21.643	3076	3081	3091	rBV3	69564	121168	19.75%	1.906%
67	22.066	3146	3153	3163	rBV2	193898	338942	55.25%	5.331%
68	22.495	3224	3226	3230	rVB5	5635	6275	1.02%	0.099%
69	23.869	3455	3460	3467	rVB2	25422	50532	8.24%	0.795%
70	25.356	3702	3713	3725	rVB2	197160	566863	92.40%	8.915%
71	25.597	3744	3754	3764	rVB	108712	328309	53.51%	5.164%
72	25.885	3801	3803	3806	rBV4	2489	3336	0.54%	0.052%
73	26.131	3843	3845	3846	rBV	2301	1370	0.22%	0.022%
74	26.225	3859	3861	3864	rBV2	1848	1558	0.25%	0.025%
75	26.848	3965	3967	3968	rBV2	3224	1752	0.29%	0.028%
76	27.824	4131	4133	4134	rBV2	2205	1452	0.24%	0.023%

LSC Area Percent Report

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Acq On : 28 Feb 2023 1:00
Operator : CG/JU
Sample : 01648-22
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBZW8

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

77	28.775	4293	4295	4298	rBV3	2389	1948	0.32%	0.031%
78	31.167	4700	4702	4704	rBV3	2379	1643	0.27%	0.026%
79	32.260	4887	4888	4890	rBV2	2541	1157	0.19%	0.018%

Sum of corrected areas: 6358249

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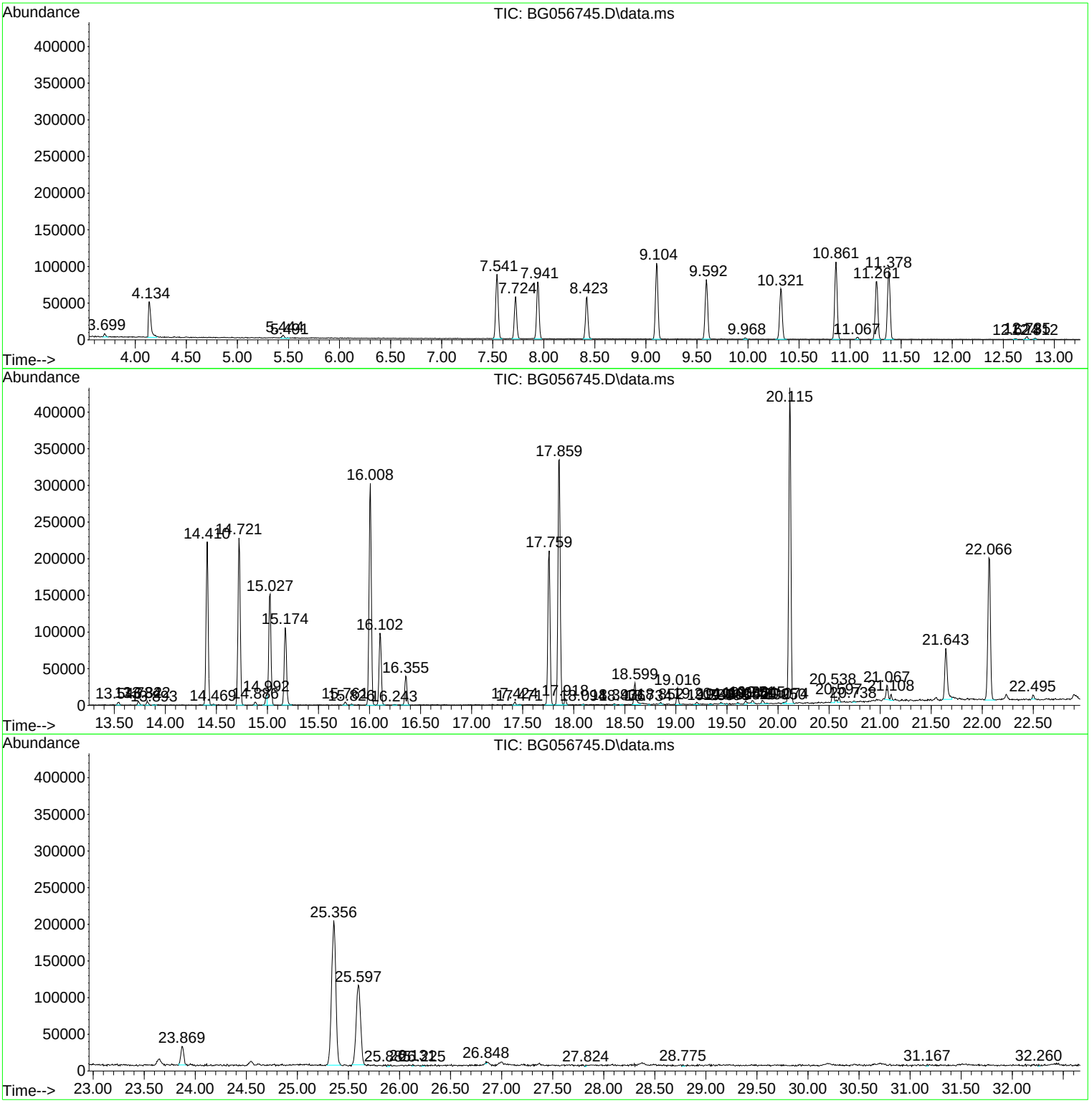
Sample : 01648-22
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBZW8

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022723\
Data File : BG056745.D
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Operator : CG/JU
Sample : 01648-22
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ALS Vial : 15 Sample Multiplier: 1

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

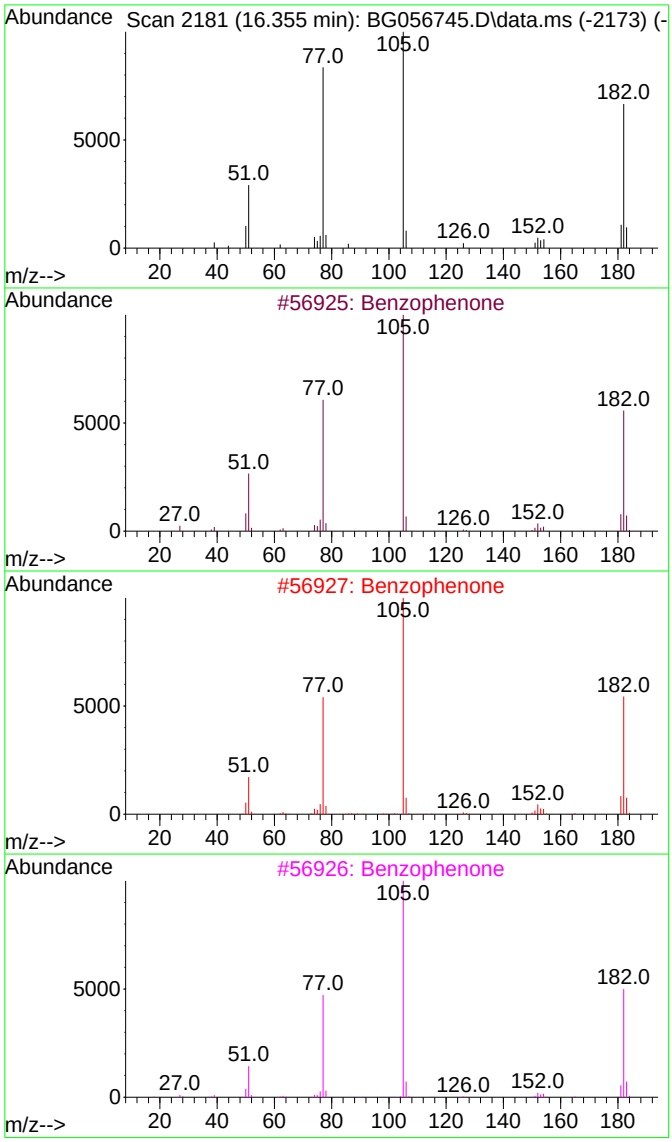
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

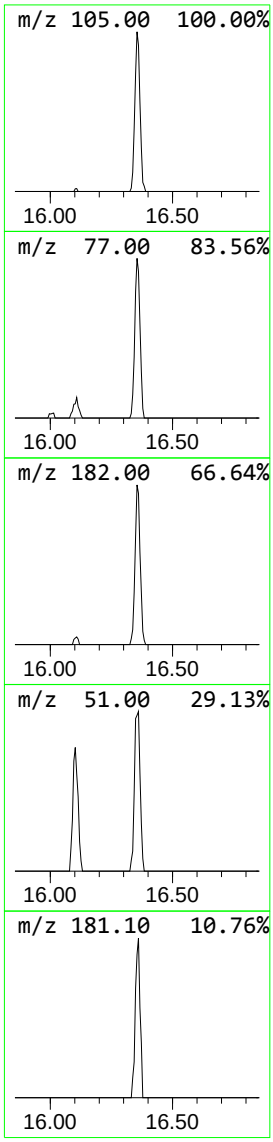
****

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.355	5.03 ng/ul	58181	Acenaphthene-d10	15.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	91
4	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	83
5	Benzophenone	182	C13H10O	000119-61-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022723\
Data File : BG056745.D
Acq On : 28 Feb 2023 1:00
Operator : CG/JU
Sample : 01648-22
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBZW8

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

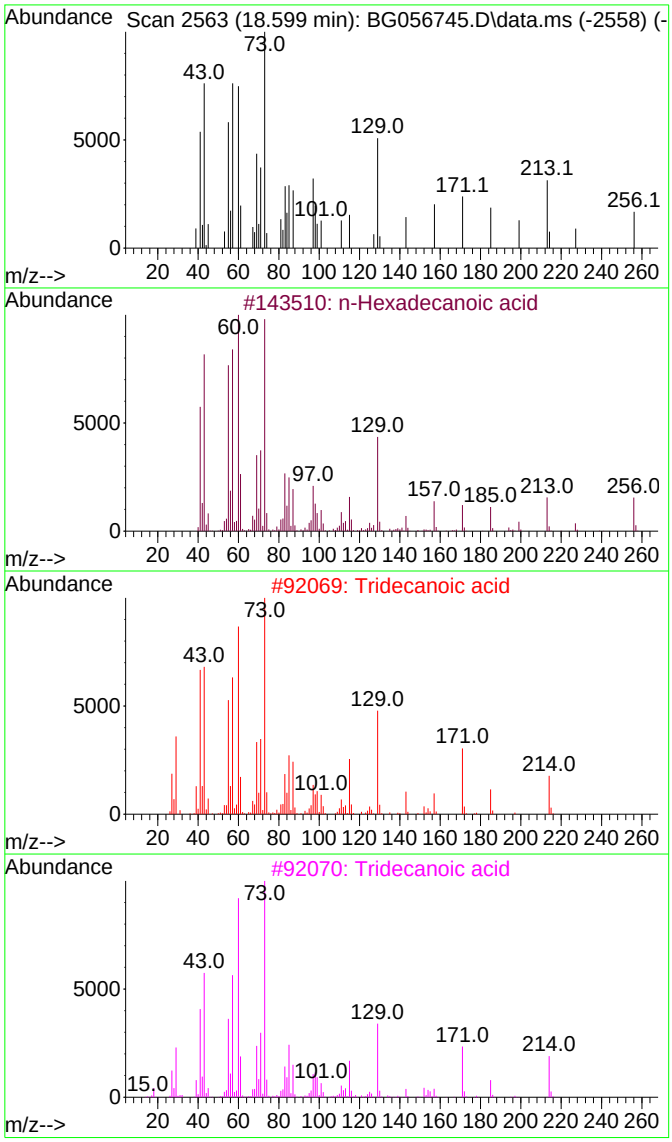
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

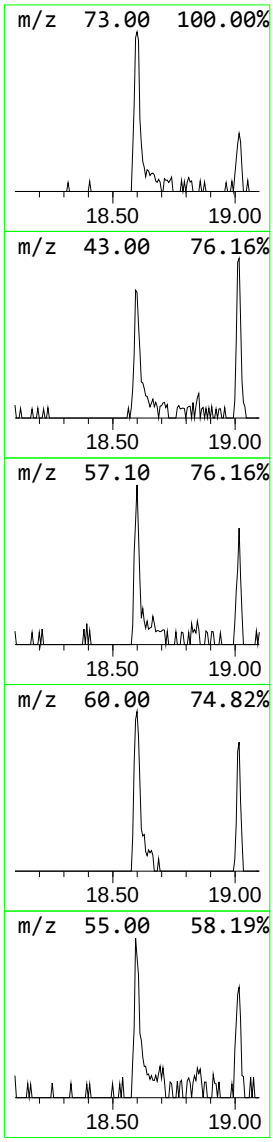
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.599	2.95 ng/ul	46156	Phenanthrene-d10	17.759

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022723\
Data File : BG056745.D
Acq On : 28 Feb 2023 1:00
Operator : CG/JU
Sample : 01648-22
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBZW8

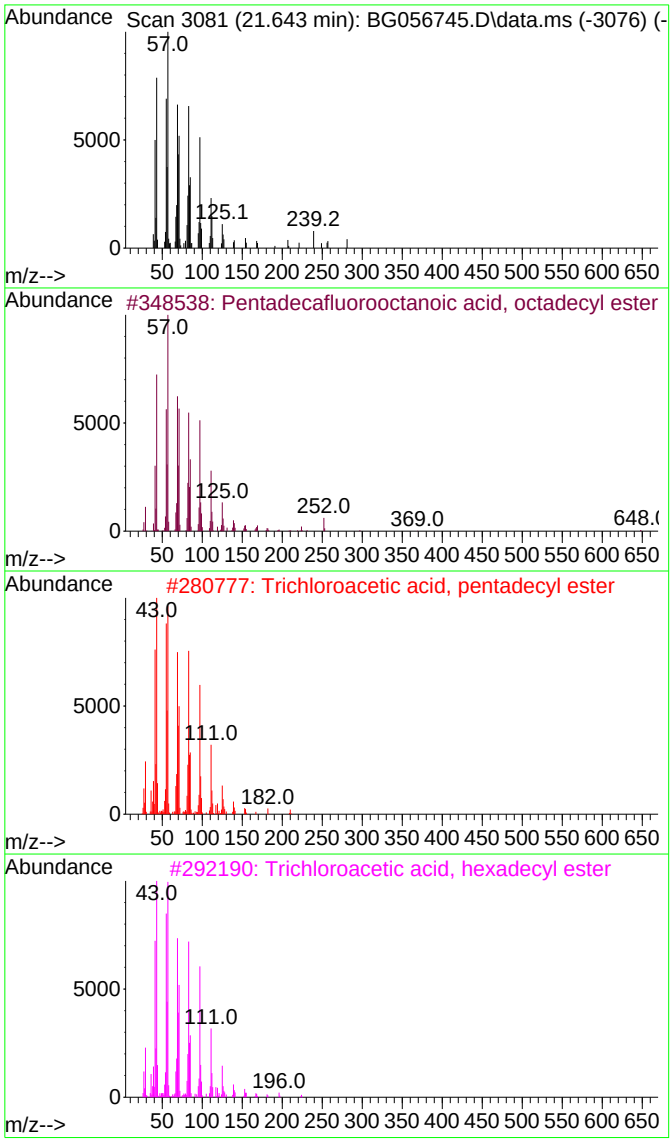
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

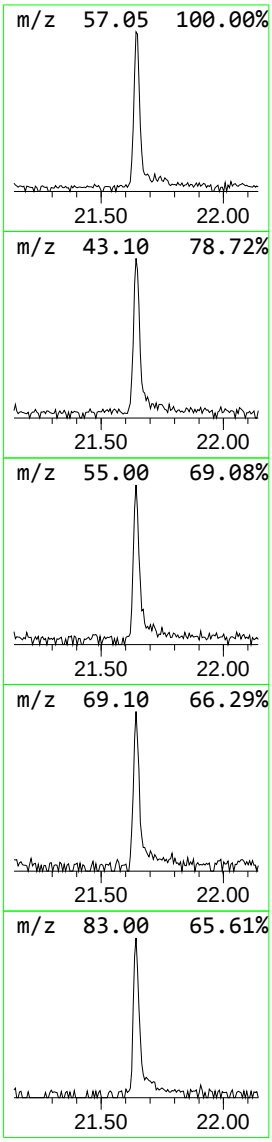
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentadecafluorooctanoic aci... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.643	7.15 ng/ul	121168	Chrysene-d12	22.066

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	2- Bromopropionic acid, pentadec...	362	C18H35BrO2	1000292-44-2	91
5	Dichloroacetic acid, tetradecyl ...	324	C16H30Cl2O2	083005-02-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022723\
Data File : BG056745.D
Acq On : 28 Feb 2023 1:00
Operator : CG/JU
Sample : 01648-22
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBZW8

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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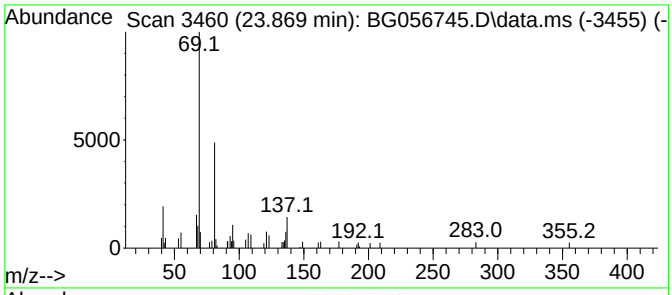
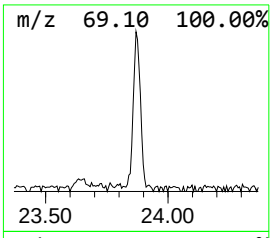
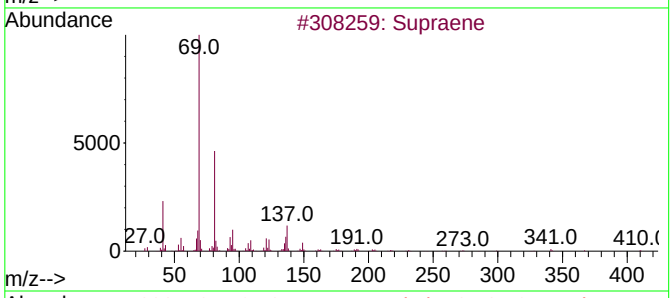
Peak Number 4 Supraene Concentration Rank 3

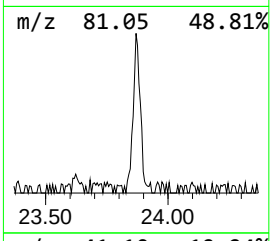
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.869	3.08 ng/ul	50532	Perylene-d12	25.597

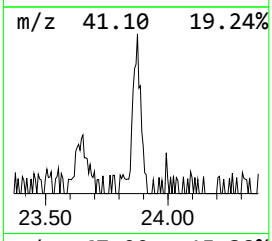
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	90
2	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	83
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	78
4	trans-Farnesol	222	C15H26O	000106-28-5	78
5	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	72

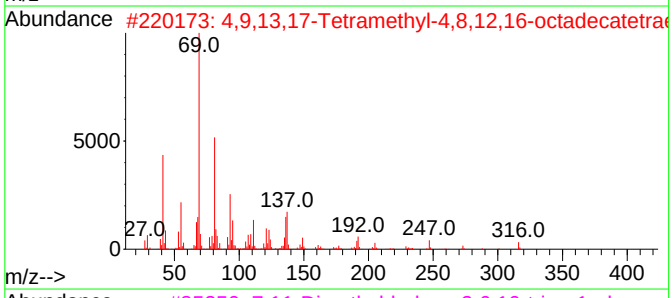


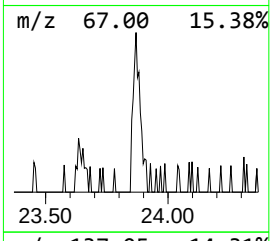


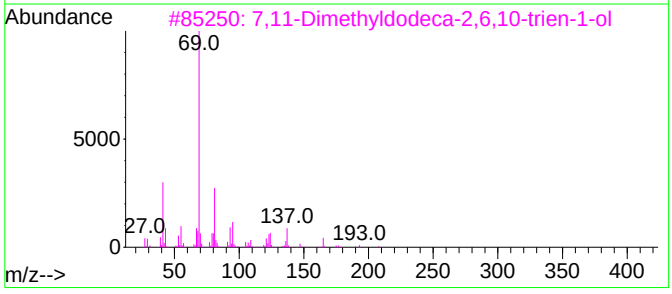


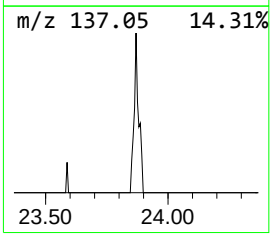












Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022723\
Data File : BG056745.D
Acq On : 28 Feb 2023 1:00
Operator : CG/JU
Sample : 01648-22
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBZW8

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	16.355	5.0	ng/ul	58181	3	15.027	231213	20.0
n-Hexadecanoic ...	18.599	3.0	ng/ul	46156	4	17.759	313363	20.0
Pentadecafluoro...	21.643	7.2	ng/ul	121168	5	22.066	338942	20.0
Supraene	23.869	3.1	ng/ul	50532	6	25.597	328309	20.0