LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022723\
Data File : BG056744.D
Acq On : 28 Feb 2023 00:19
Operator : CG/JU
Sample : 01648-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBZU7

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: BG056744.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.702	25	28	31	rVB3	3120	3891	0.62%	0.065%
2	4.137	100	102	112	rBV	27963	45363	7.20%	0.756%
3	4.489	160	162	166	rBV3	1303	1528	0.24%	0.025%
4	4.695	195	197	198	rBV	1274	863	0.14%	0.014%
5	4.854	222	224	225	rBV	991	859	0.14%	0.014%
6	5.441	320	324	334	rVB2	7715	12370	1.96%	0.206%
7	5.899	400	402	405	rBV3	847	845	0.13%	0.014%
8	7.539	675	681	691	rBV	72833	134735	21.39%	2.246%
9	7.721	706	712	720	rVB	49732	80843	12.84%	1.348%
10	7.850	731	734	736	rBV2	852	831	0.13%	0.014%
11	7.944	744	750	757	rBV	62975	107691	17.10%	1.795%
12	8.420	824	831	837	rVB	62781	102598	16.29%	1.710%
13	9.107	941	948	958	rVB	86337	146998	23.34%	2.450%
14	9.243	966	971	980	rVB	17906	30609	4.86%	0.510%
15	9.589	1024	1030	1039	rVB	69812	120845	19.19%	2.015%
16	9.695	1044	1048	1051	rVB2	912	1059	0.17%	0.018%
17	10.324	1146	1155	1163	rVB2	59182	107461	17.06%	1.791%
18	10.465	1174	1179	1181	rBV2	1289	1770	0.28%	0.030%
19	10.676	1210	1215	1221	rBV4	3049	5009	0.80%	0.084%
20	10.864	1239	1247	1254	rBV	88854	154174	24.48%	2.570%
21	11.070	1277	1282	1287	rBV3	3249	4552	0.72%	0.076%
22	11.258	1307	1314	1321	rVB	85261	152734	24.25%	2.546%
23	11.375	1328	1334	1342	rBV	65567	120748	19.17%	2.013%
24	12.022	1440	1444	1448	rVB3	1868	3249	0.52%	0.054%
25	12.574	1535	1538	1541	rBV2	812	1294	0.21%	0.022%
26	12.733	1561	1565	1568	rVB5	2815	3588	0.57%	0.060%
27	12.815	1575	1579	1584	rVB2	1540	2357	0.37%	0.039%
28	13.543	1698	1703	1708	rBV2	7182	10019	1.59%	0.167%
29	13.737	1733	1736	1740	rBV3	6404	7787	1.24%	0.130%
30	13.825	1745	1751	1756	rBV2	2211	3189	0.51%	0.053%
31	14.407	1844	1850	1857	rVB	199440	298147	47.34%	4.970%
32	14.724	1897	1904	1911	rVB	198309	317072	50.35%	5.286%
33	14.883	1927	1931	1934	rVB2	2050	2426	0.39%	0.040%
34	15.024	1950	1955	1962	rVB	163235	253038	40.18%	4.218%
35	15.177	1974	1981	1992	rBV	102354	162452	25.80%	2.708%
36	15.335	2003	2008	2012	rBV3	2410	2772	0.44%	0.046%

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Instrument : BNA_G
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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	15.406	2014	2020	2024	rBV4	2915	5500	0.87%	0.092%
38	15.758	2077	2080	2085	rVB2	5790	6872	1.09%	0.115%
39	16.005	2116	2122	2129	rBV	285434	427897	67.94%	7.133%
40	16.105	2134	2139	2144	rBV	97118	141210	22.42%	2.354%
41	16.358	2172	2182	2189	rVB2	21683	32080	5.09%	0.535%
42	17.421	2359	2363	2367	rVB	4802	5562	0.88%	0.093%
43	17.756	2413	2420	2427	rBV	225146	339278	53.87%	5.656%
44	17.856	2431	2437	2444	rVV	347554	516006	81.93%	8.602%
45	17.915	2444	2447	2451	rVB3	8508	10960	1.74%	0.183%
46	18.391	2525	2528	2532	rVB3	3219	3517	0.56%	0.059%
47	18.496	2542	2546	2551	rVB	916	1420	0.23%	0.024%
48	18.596	2559	2563	2571	rBV3	7101	10986	1.74%	0.183%
49	18.849	2603	2606	2610	rVB3	2807	4015	0.64%	0.067%
50	19.019	2632	2635	2640	rVB4	2600	2860	0.45%	0.048%
51	19.190	2659	2664	2668	rVB3	2988	4587	0.73%	0.076%
52	19.401	2696	2700	2704	rBV	5057	6375	1.01%	0.106%
53	19.448	2706	2708	2712	rVB2	2553	3109	0.49%	0.052%
54	19.595	2731	2733	2734	rBV	1943	1182	0.19%	0.020%
55	19.642	2736	2741	2743	rVV4	5047	9895	1.57%	0.165%
56	19.683	2745	2748	2753	rVV3	10149	17214	2.73%	0.287%
57	19.748	2757	2759	2765	rVB2	5058	6722	1.07%	0.112%
58	20.001	2800	2802	2803	rBV2	1046	886	0.14%	0.015%
59	20.042	2807	2809	2812	rVV2	2461	2401	0.38%	0.040%
60	20.118	2816	2822	2831	rVB	432446	629775	100.00%	10.498%
61	20.371	2862	2865	2867	rBV2	1314	1368	0.22%	0.023%
62	20.506	2886	2888	2892	rBV3	1596	2124	0.34%	0.035%
63	20.541	2892	2894	2895	rBV	1541	1121	0.18%	0.019%
64	20.570	2897	2899	2901	rBV3	1528	1813	0.29%	0.030%
65	20.700	2919	2921	2923	rBV2	1328	1307	0.21%	0.022%
66	20.800	2937	2938	2940	rBV2	2275	1639	0.26%	0.027%
67	20.941	2961	2962	2964	rBV2	1656	1231	0.20%	0.021%
68	21.640	3076	3081	3088	rBV2	31302	52791	8.38%	0.880%
69	22.069	3147	3154	3163	rVB2	211990	367466	58.35%	6.126%
70	22.891	3292	3294	3297	rBV3	3733	4421	0.70%	0.074%
71	23.872	3457	3461	3468	rVB4	10689	18300	2.91%	0.305%
72	24.137	3505	3506	3509	rBV3	2736	1749	0.28%	0.029%
73	25.353	3702	3713	3724	rVB2	189603	569010	90.35%	9.485%
74	25.594	3745	3754	3767	rVB2	122734	364814	57.93%	6.082%
75	25.794	3786	3788	3790	rBV3	2311	1910	0.30%	0.032%
76	26.528	3911	3913	3914	rBV2	1823	1053	0.17%	0.018%

LSC Area Percent Report

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Instrument :
BNA_G
ClientSampleId :
DBZU7

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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Peak separation: 5

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

77	26.646	3932	3933	3935	rBV2	2351	1298	0.21%	0.022%
78	27.151	4017	4019	4020	rVB2	2750	1278	0.20%	0.021%
79	27.703	4111	4113	4114	rBV2	2318	1462	0.23%	0.024%
80	31.599	4774	4776	4778	rBV3	2449	2824	0.45%	0.047%
81	31.975	4838	4840	4841	rBV	1802	1014	0.16%	0.017%
82	32.239	4883	4885	4889	rBV4	2067	2679	0.43%	0.045%

Sum of corrected areas: 5998747

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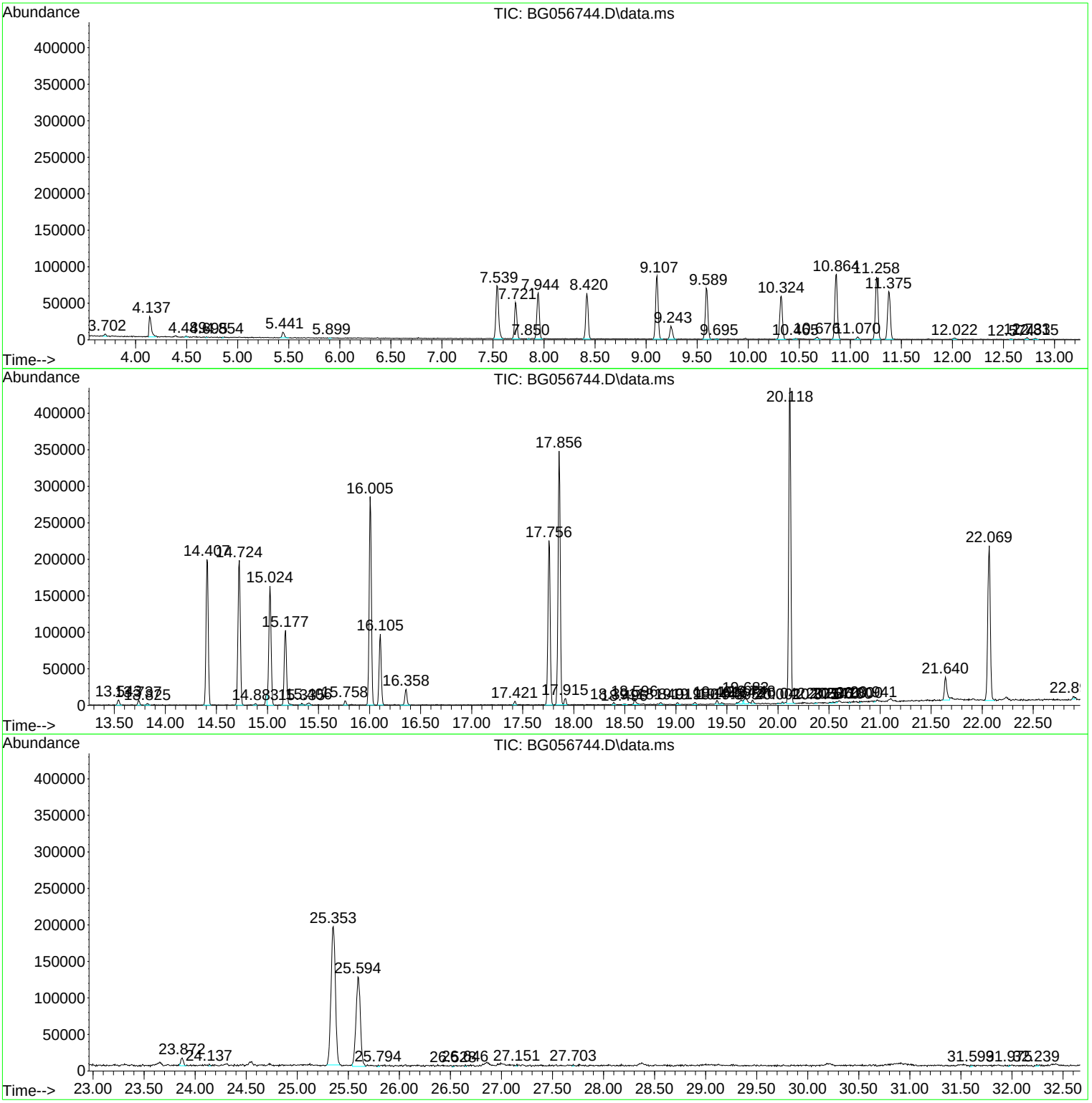
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022723\
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

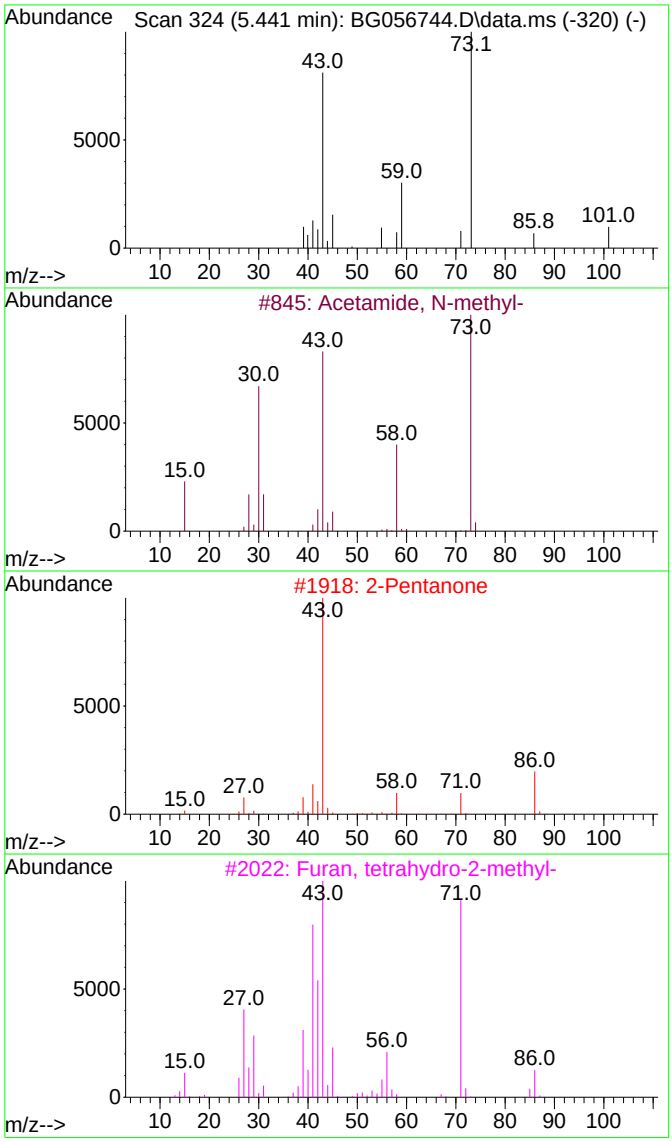
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

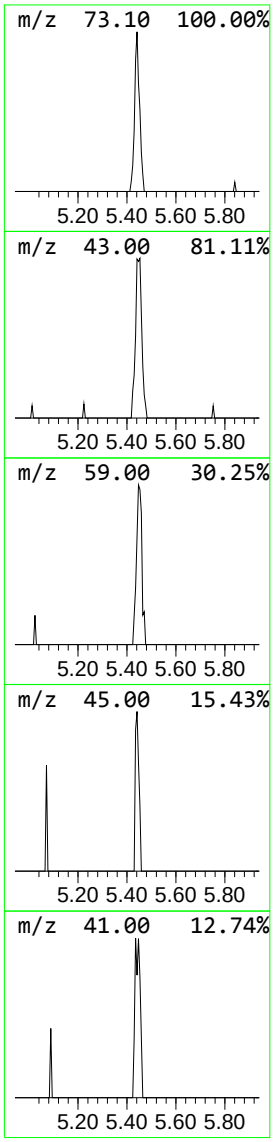
****

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.441	2.41 ng/ul	12370	1,4-Dichlorobenzene-d4	8.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	23
2	2-Pentanone	86	C5H10O	000107-87-9	16
3	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	10
4	3-Buten-2-ol, 3-methyl-	86	C5H10O	010473-14-0	9
5	Diacetamide	101	C4H7NO2	000625-77-4	9





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Instrument :
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ClientSampleId :
DBZU7

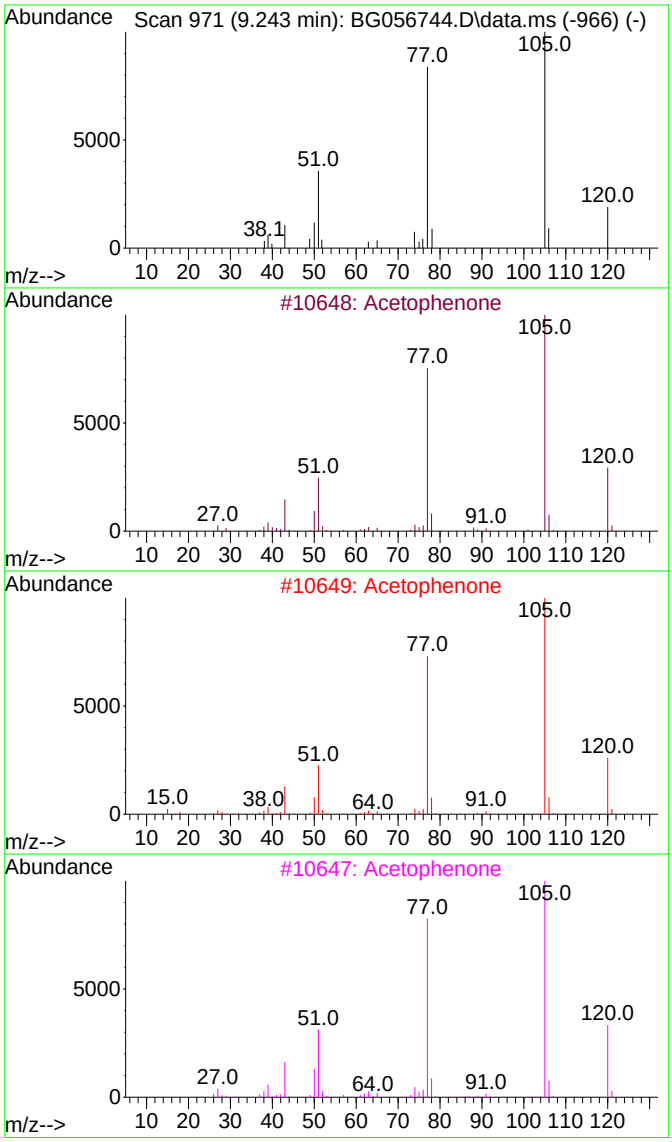
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

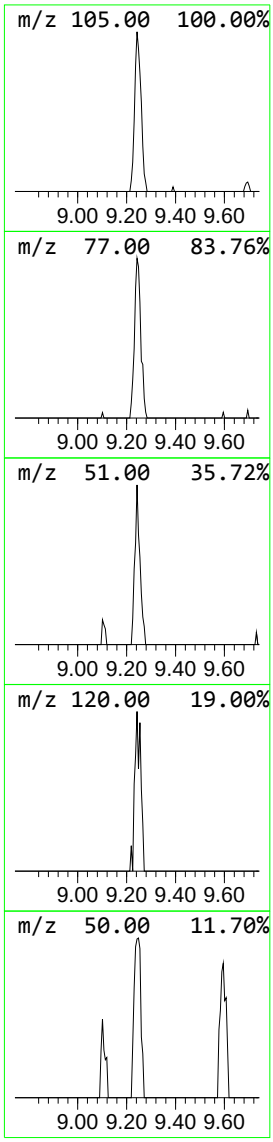
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Acetophe none Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.243	5.97 ng/ul	30609	1,4-Dichlorobenzene-d4	8.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone	120	C8H8O	000098-86-2	90
2	Acetophenone	120	C8H8O	000098-86-2	90
3	Acetophenone	120	C8H8O	000098-86-2	83
4	5-Benzoylpentanoic acid	206	C12H14O3	004144-62-1	83
5	2-fluoro-1-phenylethanone	138	C8H7FO	1000456-25-8	83





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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

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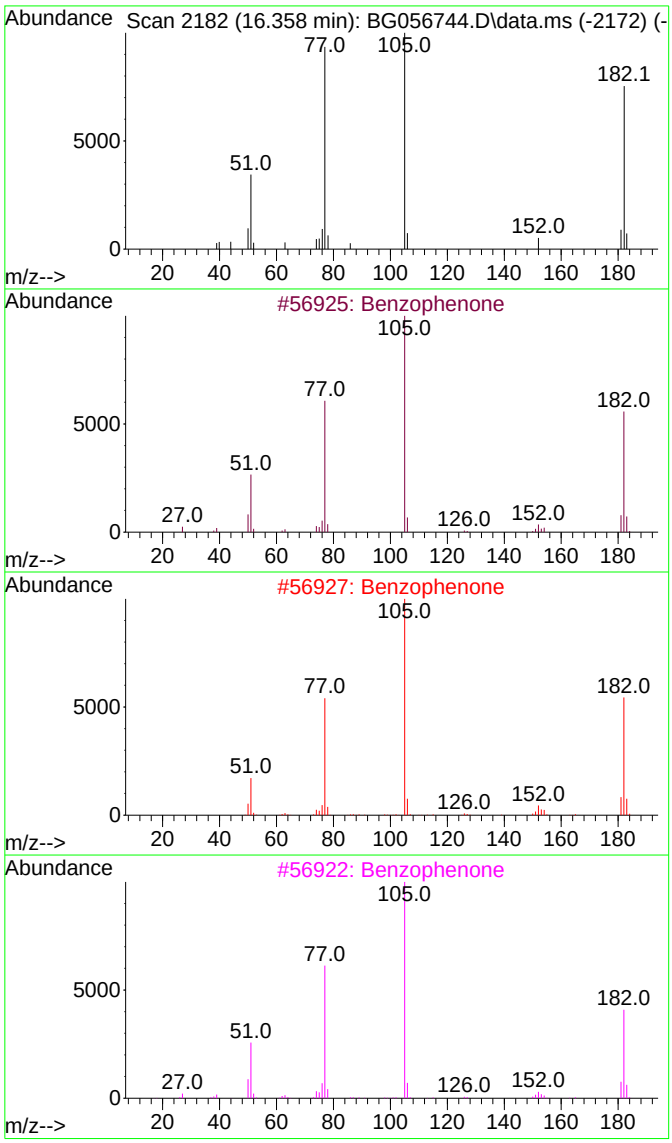
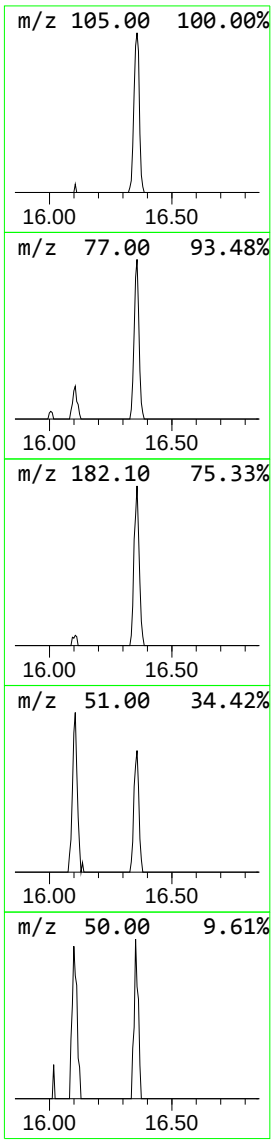
Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.358	2.54 ng/ul	32080	Acenaphthene-d10	15.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	81
2	Benzophenone	182	C13H10O	000119-61-9	81
3	Benzophenone	182	C13H10O	000119-61-9	72
4	Benzophenone	182	C13H10O	000119-61-9	47
5	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	47





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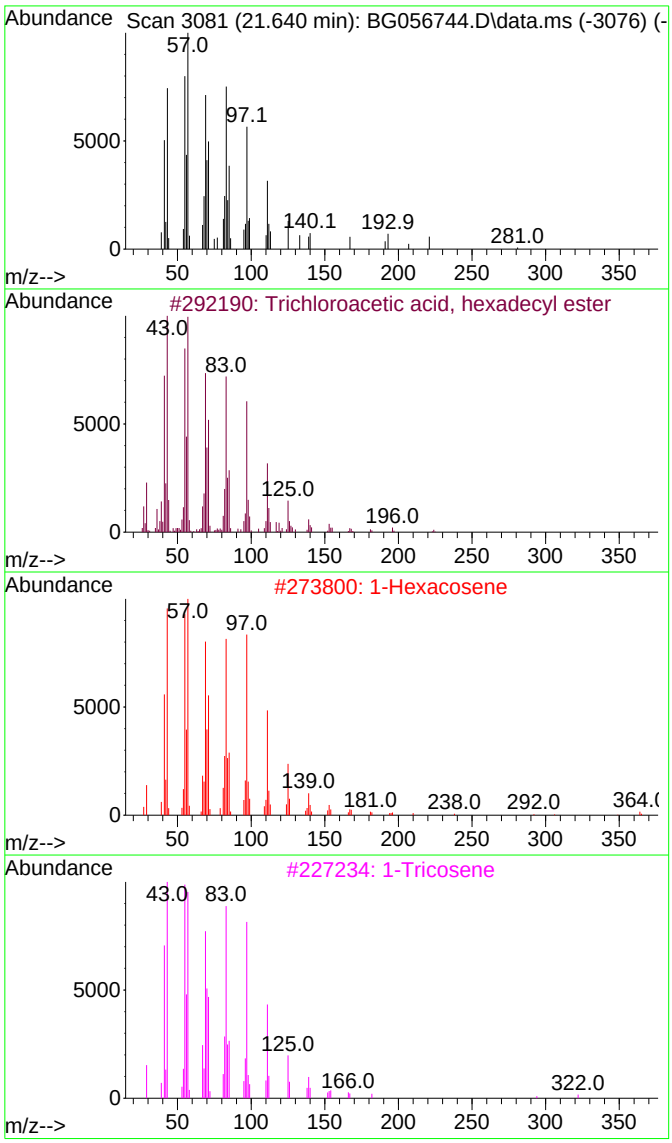
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

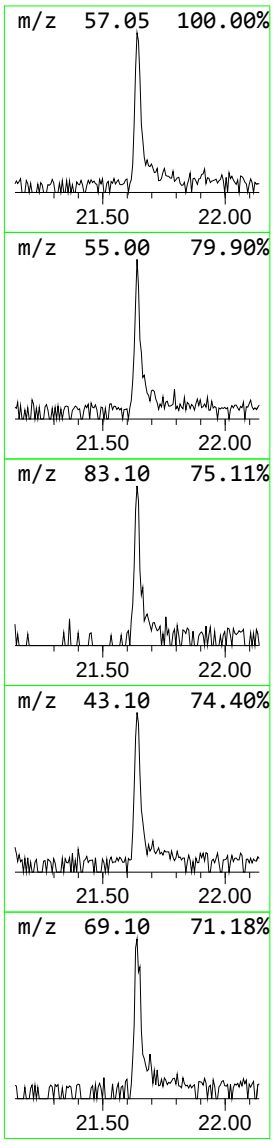
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Trichloroacetic acid, hexad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.640	2.87 ng/ul	52791	Chrysene-d12	22.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2	1-Hexacosene	364	C26H52	018835-33-1	91
3	1-Tricosene	322	C23H46	018835-32-0	91
4	2- Bromopropionic acid, pentadec...	362	C18H35BrO2	1000292-44-2	91
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	90





Tentatively Identified Compound (LSC) summary

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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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	5.441	2.4	ng/ul	12370	1	8.420	102598	20.0
Acetophe none	9.243	6.0	ng/ul	30609	1	8.420	102598	20.0
Benzophenone	16.358	2.5	ng/ul	32080	3	15.024	253038	20.0
Trichloroacetic...	21.640	2.9	ng/ul	52791	5	22.069	367466	20.0