LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022723\
Data File : BG056736.D
Acq On : 27 Feb 2023 18:50
Operator : CG/JU
Sample : 01648-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBZT8

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: BG056736.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	24	28	31	rVB4	3060	3969	0.88%	0.080%
2	4.137	98	102	112	rBV	39462	65081	14.45%	1.318%
3	4.601	180	181	182	rBV	1248	702	0.16%	0.014%
4	5.224	285	287	290	rBV2	867	1026	0.23%	0.021%
5	5.424	319	321	322	rBV	1318	1215	0.27%	0.025%
6	5.447	322	325	331	rVB3	7901	11366	2.52%	0.230%
7	5.683	363	365	369	rBV4	789	1246	0.28%	0.025%
8	5.718	369	371	376	rBV3	796	1199	0.27%	0.024%
9	6.170	446	448	449	rBV2	1182	721	0.16%	0.015%
10	7.046	594	597	601	rBV3	747	1155	0.26%	0.023%
11	7.257	632	633	638	rVB3	830	843	0.19%	0.017%
12	7.292	638	639	643	rBV2	690	672	0.15%	0.014%
13	7.539	675	681	689	rVB	58700	101358	22.51%	2.053%
14	7.721	706	712	720	rVB2	42132	69451	15.42%	1.407%
15	7.945	743	750	756	rVB	52404	88794	19.72%	1.798%
16	8.420	824	831	837	rBV	58520	93696	20.80%	1.898%
17	9.108	942	948	954	rVB2	71524	124080	27.55%	2.513%
18	9.173	957	959	965	rVB2	476	727	0.16%	0.015%
19	9.225	965	968	971	rBV2	688	815	0.18%	0.017%
20	9.325	983	985	990	rBV2	460	670	0.15%	0.014%
21	9.590	1024	1030	1037	rBV	58807	102967	22.86%	2.085%
22	9.977	1090	1096	1098	rBV2	1708	2693	0.60%	0.055%
23	10.324	1148	1155	1162	rVB	49955	85974	19.09%	1.741%
24	10.859	1240	1246	1253	rBV	72954	126157	28.01%	2.555%
25	11.258	1307	1314	1324	rVB	84057	144945	32.18%	2.936%
26	11.376	1327	1334	1342	rVB2	70620	126188	28.02%	2.556%
27	12.798	1575	1576	1581	rVB2	1001	1305	0.29%	0.026%
28	13.550	1700	1704	1705	rBV2	796	930	0.21%	0.019%
29	13.826	1746	1751	1757	rVB	3702	5055	1.12%	0.102%
30	13.879	1757	1760	1762	rBV	550	687	0.15%	0.014%
31	14.408	1842	1850	1857	rBV	150611	225131	49.99%	4.560%
32	14.472	1857	1861	1864	rBV2	814	1095	0.24%	0.022%
33	14.513	1864	1868	1870	rVV	811	1063	0.24%	0.022%
34	14.725	1897	1904	1910	rBV	161142	257209	57.11%	5.209%
35	14.878	1927	1930	1935	rBV3	3195	3944	0.88%	0.080%
36	15.024	1948	1955	1961	rBV	153219	235292	52.24%	4.766%

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Instrument : BNA_G
ClientSampleId : DBZT8

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

37	15.177	1973	1981	1989	rBV2	70532	110794	24.60%	2.244%
38	15.818	2088	2090	2093	rBV2	874	929	0.21%	0.019%
39	16.006	2115	2122	2128	rVB	217865	333802	74.12%	6.761%
40	16.106	2133	2139	2145	rBV	64360	92937	20.64%	1.882%
41	16.358	2176	2182	2189	rVB	76115	107099	23.78%	2.169%
42	16.511	2205	2208	2210	rBV	637	835	0.19%	0.017%
43	16.664	2232	2234	2238	rVB	784	779	0.17%	0.016%
44	16.928	2275	2279	2281	rVB2	1460	1712	0.38%	0.035%
45	17.046	2296	2299	2303	rBV	590	751	0.17%	0.015%
46	17.110	2307	2310	2313	rBV	476	673	0.15%	0.014%
47	17.422	2359	2363	2366	rVB	1250	1339	0.30%	0.027%
48	17.451	2366	2368	2372	rBV	566	682	0.15%	0.014%
49	17.539	2380	2383	2389	rBV	448	766	0.17%	0.016%
50	17.757	2413	2420	2430	rBV	211278	322691	71.65%	6.536%
51	17.856	2430	2437	2443	rVV	257369	379209	84.20%	7.680%
52	17.915	2445	2447	2451	rVB3	5625	6567	1.46%	0.133%
53	18.091	2476	2477	2481	rVB	560	683	0.15%	0.014%
54	18.562	2555	2557	2559	rBV	514	611	0.14%	0.012%
55	18.597	2559	2563	2568	rBV3	14621	19928	4.42%	0.404%
56	18.691	2577	2579	2581	rVB	1044	931	0.21%	0.019%
57	18.708	2581	2582	2585	rVB2	1134	990	0.22%	0.020%
58	18.885	2610	2612	2615	rBV	830	1192	0.26%	0.024%
59	19.014	2631	2634	2638	rVB3	6960	7624	1.69%	0.154%
60	19.378	2693	2696	2699	rBV2	954	1125	0.25%	0.023%
61	19.437	2704	2706	2709	rBV3	1563	1724	0.38%	0.035%
62	19.502	2716	2717	2718	rBV	1551	609	0.14%	0.012%
63	19.590	2730	2732	2733	rVB	1340	616	0.14%	0.012%
64	19.684	2745	2748	2752	rBV3	3413	4613	1.02%	0.093%
65	19.754	2756	2760	2763	rVB3	3106	3629	0.81%	0.074%
66	19.784	2763	2765	2769	rVB2	1576	1680	0.37%	0.034%
67	19.813	2769	2770	2772	rBV	1049	894	0.20%	0.018%
68	19.848	2775	2776	2778	rBV	1790	969	0.22%	0.020%
69	19.936	2790	2791	2795	rVB2	1070	663	0.15%	0.013%
70	19.995	2799	2801	2804	rVB2	1476	1165	0.26%	0.024%
71	20.072	2812	2814	2816	rBV	1793	1443	0.32%	0.029%
72	20.113	2816	2821	2828	rVB	315164	450371	100.00%	9.122%
73	20.195	2834	2835	2838	rBV2	1083	963	0.21%	0.020%
74	20.224	2838	2840	2845	rVV4	980	1433	0.32%	0.029%
75	20.465	2880	2881	2884	rBV2	1187	1097	0.24%	0.022%
76	20.859	2946	2948	2950	rBV2	1904	2077	0.46%	0.042%

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Instrument :
BNA_G
ClientSampleId :
DBZT8

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

77	21.640	3077	3081	3089	rBV3	32892	49801	11.06%	1.009%
78	22.069	3148	3154	3161	rVV	199068	341798	75.89%	6.923%
79	22.140	3164	3166	3167	rBV2	2391	1499	0.33%	0.030%
80	23.867	3455	3460	3468	rVB4	16007	33744	7.49%	0.683%
81	25.354	3703	3713	3725	rVB2	139454	402914	89.46%	8.160%
82	25.594	3742	3754	3766	rBV2	107573	348342	77.35%	7.055%
83	30.160	4529	4531	4532	rBV2	2607	1287	0.29%	0.026%

Sum of corrected areas: 4937401

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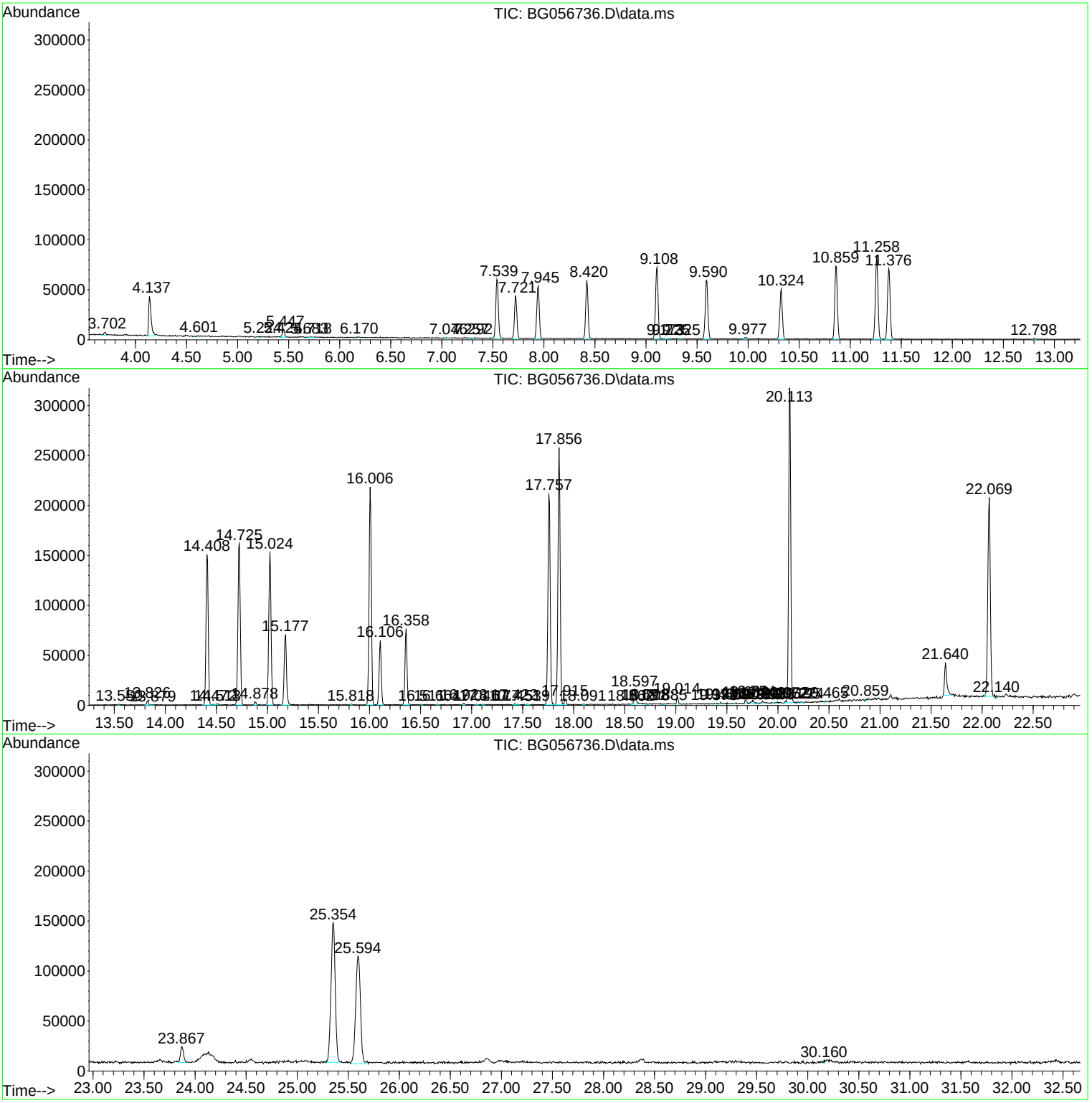
Instrument :
BNA_G
ClientSampleId :
DBZT8

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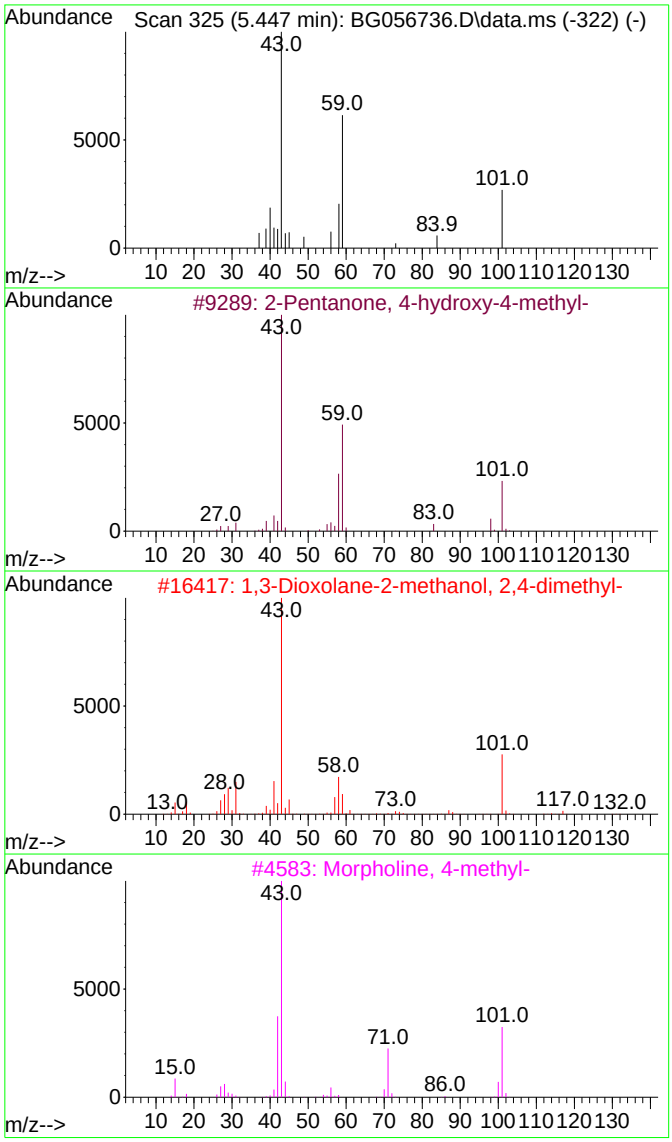
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

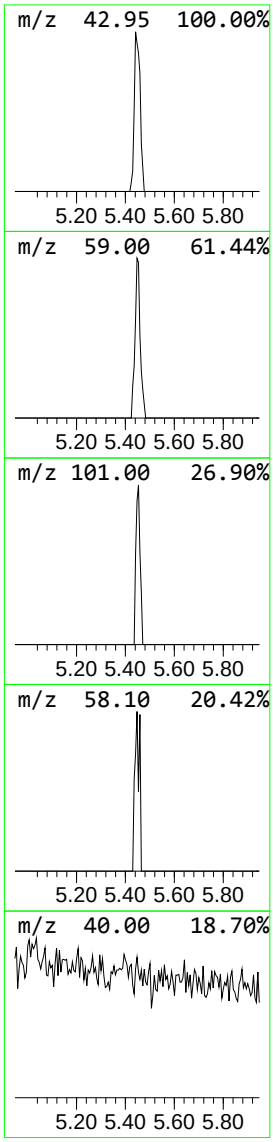
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.447	2.43 ng/ul	11366	1,4-Dichlorobenzene-d4	8.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	33
2	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	28
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	9





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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

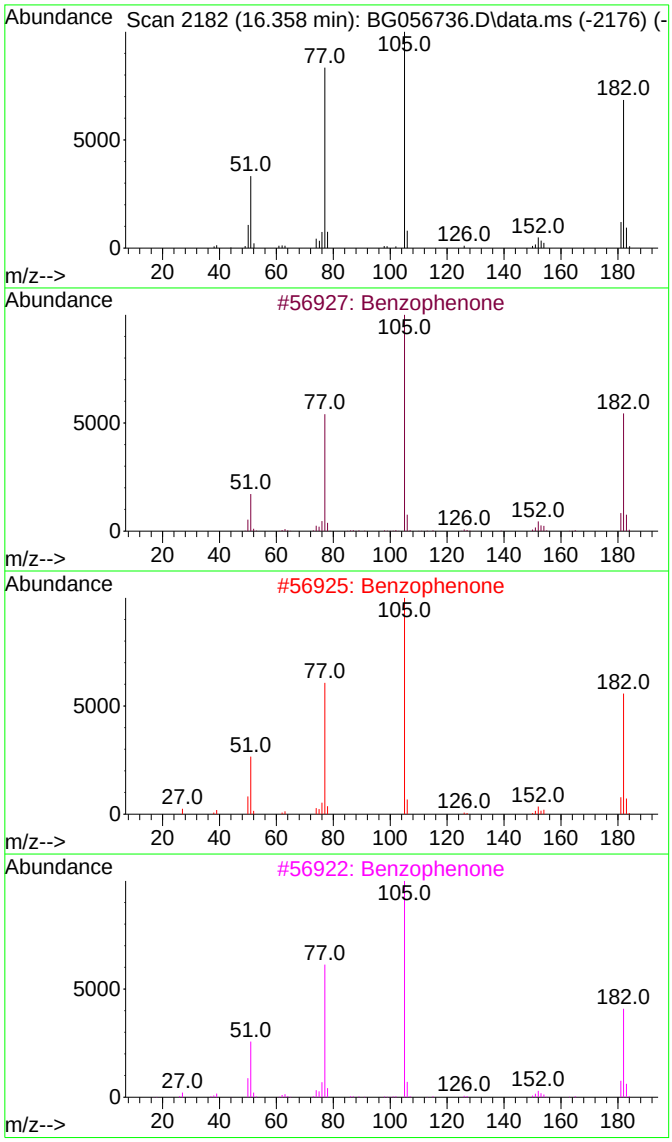
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

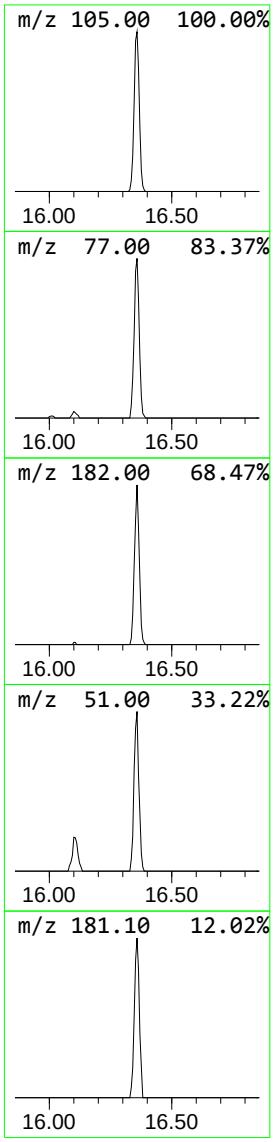
****

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.358	9.10 ng/ul	107099	Acenaphthene-d10	15.025

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	89





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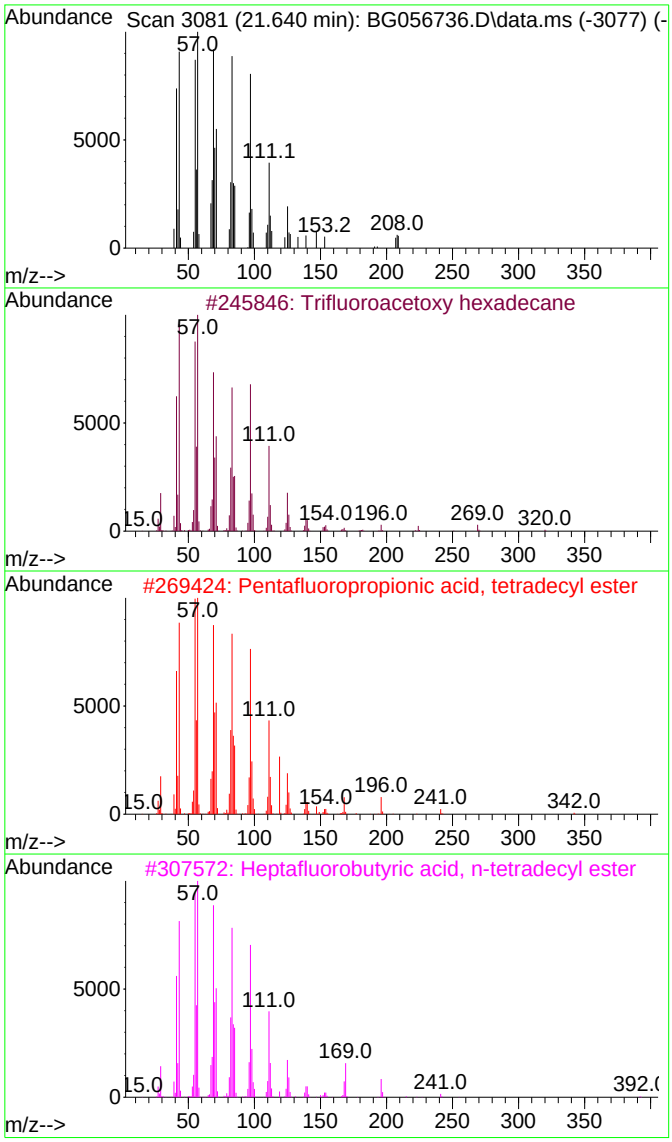
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

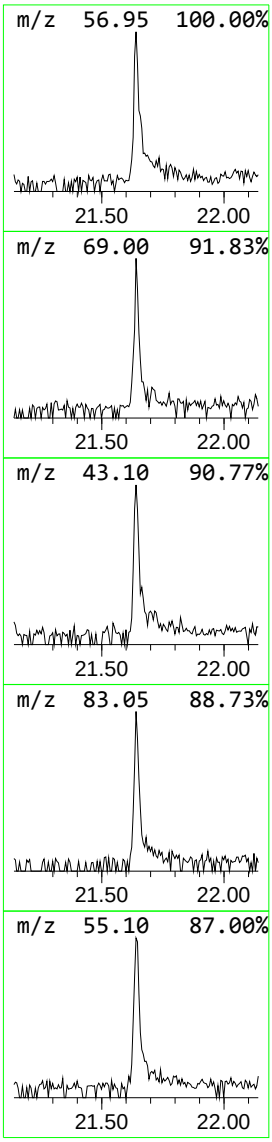
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Trifluoroacetoxy hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.640	2.91 ng/ul	49801	Chrysene-d12	22.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
2	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	95
3	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	95
4	1-Tetracosene	336	C24H48	010192-32-2	94
5	1-Hexacosene	364	C26H52	018835-33-1	91





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
2-Pentanone, 4-...	5.447	2.4	ng/ul	11366	1	8.415	93696	20.0
Benzophenone	16.358	9.1	ng/ul	107099	3	15.025	235292	20.0
Trifluoroacetox...	21.640	2.9	ng/ul	49801	5	22.069	341798	20.0