LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030223\
Data File : BG056797.D
Acq On : 2 Mar 2023 19:31
Operator : CG/JU
Sample : 01710-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBAB0

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: BG056797.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.445	320	324	333	rVB3	5441	8808	2.69%	0.215%
2	7.084	600	603	605	rVB3	2206	2115	0.65%	0.052%
3	7.542	674	681	689	rBV2	39317	70336	21.51%	1.717%
4	7.719	705	711	717	rBV	28364	47361	14.49%	1.156%
5	7.807	724	726	727	rBV	1266	922	0.28%	0.023%
6	7.942	743	749	756	rVB	37143	61574	18.83%	1.503%
7	8.418	823	830	836	rVB	52343	89787	27.46%	2.192%
8	8.729	880	883	886	rVV4	2819	3648	1.12%	0.089%
9	8.900	909	912	914	rBV2	897	1162	0.36%	0.028%
10	9.105	941	947	955	rVB3	48818	85390	26.12%	2.084%
11	9.176	957	959	963	rVV3	854	960	0.29%	0.023%
12	9.246	965	971	979	rVB4	4873	10539	3.22%	0.257%
13	9.340	984	987	989	rBV2	948	846	0.26%	0.021%
14	9.528	1015	1019	1022	rBV3	958	1277	0.39%	0.031%
15	9.593	1023	1030	1036	rVV	39621	70579	21.59%	1.723%
16	9.963	1090	1093	1096	rBV	886	1097	0.34%	0.027%
17	10.321	1147	1154	1161	rVB	37208	63280	19.35%	1.545%
18	10.803	1233	1236	1237	rVB	943	858	0.26%	0.021%
19	10.856	1237	1245	1253	rBV	54395	95081	29.08%	2.321%
20	11.062	1279	1280	1285	rBV3	626	912	0.28%	0.022%
21	11.256	1306	1313	1320	rVV	81597	137581	42.08%	3.358%
22	11.373	1326	1333	1341	rBV2	28241	51563	15.77%	1.259%
23	11.796	1403	1405	1409	rBV2	510	823	0.25%	0.020%
24	12.031	1438	1445	1449	rBV3	579	1278	0.39%	0.031%
25	12.801	1573	1576	1578	rBV	1176	994	0.30%	0.024%
26	13.112	1625	1629	1631	rBV2	749	848	0.26%	0.021%
27	13.735	1732	1735	1741	rBV3	1065	1337	0.41%	0.033%
28	13.823	1747	1750	1758	rBV3	1313	2259	0.69%	0.055%
29	13.888	1758	1761	1767	rVV2	1376	2066	0.63%	0.050%
30	14.182	1807	1811	1816	rVB3	6270	7227	2.21%	0.176%
31	14.405	1841	1849	1855	rBV	113368	161771	49.48%	3.949%
32	14.564	1872	1876	1880	rVB	689	1084	0.33%	0.026%
33	14.722	1894	1903	1909	rBV	116493	188895	57.78%	4.611%
34	14.875	1926	1929	1933	rBV2	635	1121	0.34%	0.027%
35	15.022	1944	1954	1961	rVB	147792	231736	70.88%	5.656%
36	15.075	1961	1963	1968	rVB	722	831	0.25%	0.020%

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Operator : CG/JU
Sample : 01710-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBAB0

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	15.175	1974	1980	1986	rBV	49010	73949	22.62%	1.805%
38	15.327	2002	2006	2011	rVB2	1043	1587	0.49%	0.039%
39	15.369	2011	2013	2015	rBV2	1436	1491	0.46%	0.036%
40	15.662	2060	2063	2068	rVB2	632	1046	0.32%	0.026%
41	15.909	2104	2105	2110	rVB3	792	926	0.28%	0.023%
42	16.003	2114	2121	2128	rVB	163708	246293	75.33%	6.012%
43	16.097	2132	2137	2145	rVB	51396	73807	22.57%	1.801%
44	16.356	2175	2181	2188	rVB	46315	69233	21.18%	1.690%
45	17.372	2352	2354	2359	rVB	801	819	0.25%	0.020%
46	17.413	2359	2361	2363	rBV	1060	857	0.26%	0.021%
47	17.448	2363	2367	2375	rVB2	3124	4807	1.47%	0.117%
48	17.754	2413	2419	2427	rVB	205977	301034	92.07%	7.348%
49	17.854	2429	2436	2441	rBV	174742	260194	79.58%	6.351%
50	17.913	2443	2446	2450	rVB2	3163	2852	0.87%	0.070%
51	18.324	2513	2516	2519	rBV	651	793	0.24%	0.019%
52	18.418	2529	2532	2535	rVB	793	865	0.26%	0.021%
53	18.494	2544	2545	2548	rVB	1725	1480	0.45%	0.036%
54	18.594	2556	2562	2570	rBV2	28278	46236	14.14%	1.129%
55	18.676	2573	2576	2579	rVB3	1713	2170	0.66%	0.053%
56	18.823	2598	2601	2602	rBV2	1053	1095	0.33%	0.027%
57	18.870	2608	2609	2612	rBV2	902	1245	0.38%	0.030%
58	19.005	2628	2632	2636	rBV2	8114	9256	2.83%	0.226%
59	19.141	2653	2655	2657	rVV	1023	803	0.25%	0.020%
60	19.176	2659	2661	2666	rVB3	1370	1507	0.46%	0.037%
61	19.276	2677	2678	2681	rBV	935	987	0.30%	0.024%
62	19.399	2697	2699	2703	rVV2	1310	1510	0.46%	0.037%
63	19.440	2703	2706	2707	rVV2	1118	916	0.28%	0.022%
64	19.475	2710	2712	2714	rBV2	929	892	0.27%	0.022%
65	19.505	2714	2717	2719	rVB2	1560	1516	0.46%	0.037%
66	19.534	2719	2722	2724	rBV2	957	1128	0.35%	0.028%
67	19.569	2726	2728	2730	rBV2	1051	853	0.26%	0.021%
68	19.611	2732	2735	2736	rBV	2077	1740	0.53%	0.042%
69	19.675	2743	2746	2750	rBV4	2685	3433	1.05%	0.084%
70	19.740	2755	2757	2762	rVB4	3093	4509	1.38%	0.110%
71	19.793	2764	2766	2767	rVB2	1631	930	0.28%	0.023%
72	19.840	2771	2774	2777	rBV3	5700	7391	2.26%	0.180%
73	20.110	2815	2820	2826	rBV	225082	326271	99.79%	7.964%
74	20.322	2853	2856	2860	rVB3	2295	2565	0.78%	0.063%
75	20.533	2889	2892	2894	rBV2	5426	6764	2.07%	0.165%
76	20.592	2899	2902	2907	rVB3	5598	6391	1.95%	0.156%

LSC Area Percent Report

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Acq On : 2 Mar 2023 19:31
Operator : CG/JU
Sample : 01710-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBAB0

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

77	20.627	2907	2908	2910	rBV2	2415	1887	0.58%	0.046%
78	20.698	2918	2920	2923	rVB4	2916	2455	0.75%	0.060%
79	21.062	2979	2982	2985	rBV	7122	7655	2.34%	0.187%
80	21.103	2985	2989	2992	rVB6	4135	5779	1.77%	0.141%
81	21.238	3010	3012	3013	rVB2	1648	875	0.27%	0.021%
82	21.638	3075	3080	3088	rBV3	37984	69810	21.35%	1.704%
83	22.061	3145	3152	3159	rBV2	188896	322877	98.76%	7.881%
84	22.225	3178	3180	3183	rVB4	4829	4499	1.38%	0.110%
85	22.913	3287	3297	3309	rBV7	21644	64018	19.58%	1.563%
86	23.077	3321	3325	3327	rBV4	2910	3533	1.08%	0.086%
87	23.941	3468	3472	3473	rBV4	2473	2831	0.87%	0.069%
88	24.522	3566	3571	3578	rBV6	12331	27218	8.32%	0.664%
89	25.339	3701	3710	3722	rVB3	102193	298651	91.35%	7.290%
90	25.421	3722	3724	3728	rVB3	3085	1996	0.61%	0.049%
91	25.586	3742	3752	3764	rVB	110582	326945	100.00%	7.980%
92	26.256	3860	3866	3867	rBV4	3097	4811	1.47%	0.117%
93	26.832	3957	3964	3975	rVB6	17744	54432	16.65%	1.329%
94	27.119	4011	4013	4014	rBV2	2599	1806	0.55%	0.044%
95	28.618	4266	4268	4269	rBV2	1891	1495	0.46%	0.036%
96	28.659	4273	4275	4277	rBV3	2009	1452	0.44%	0.035%
97	31.450	4748	4750	4752	rBV3	3611	4801	1.47%	0.117%
98	31.638	4780	4782	4785	rBV3	2001	1884	0.58%	0.046%
99	32.307	4894	4896	4897	rBV2	3087	2750	0.84%	0.067%
100	32.448	4919	4920	4924	rVB4	2296	2432	0.74%	0.059%

Sum of corrected areas: 4096979

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030223\
Data File : BG056797.D
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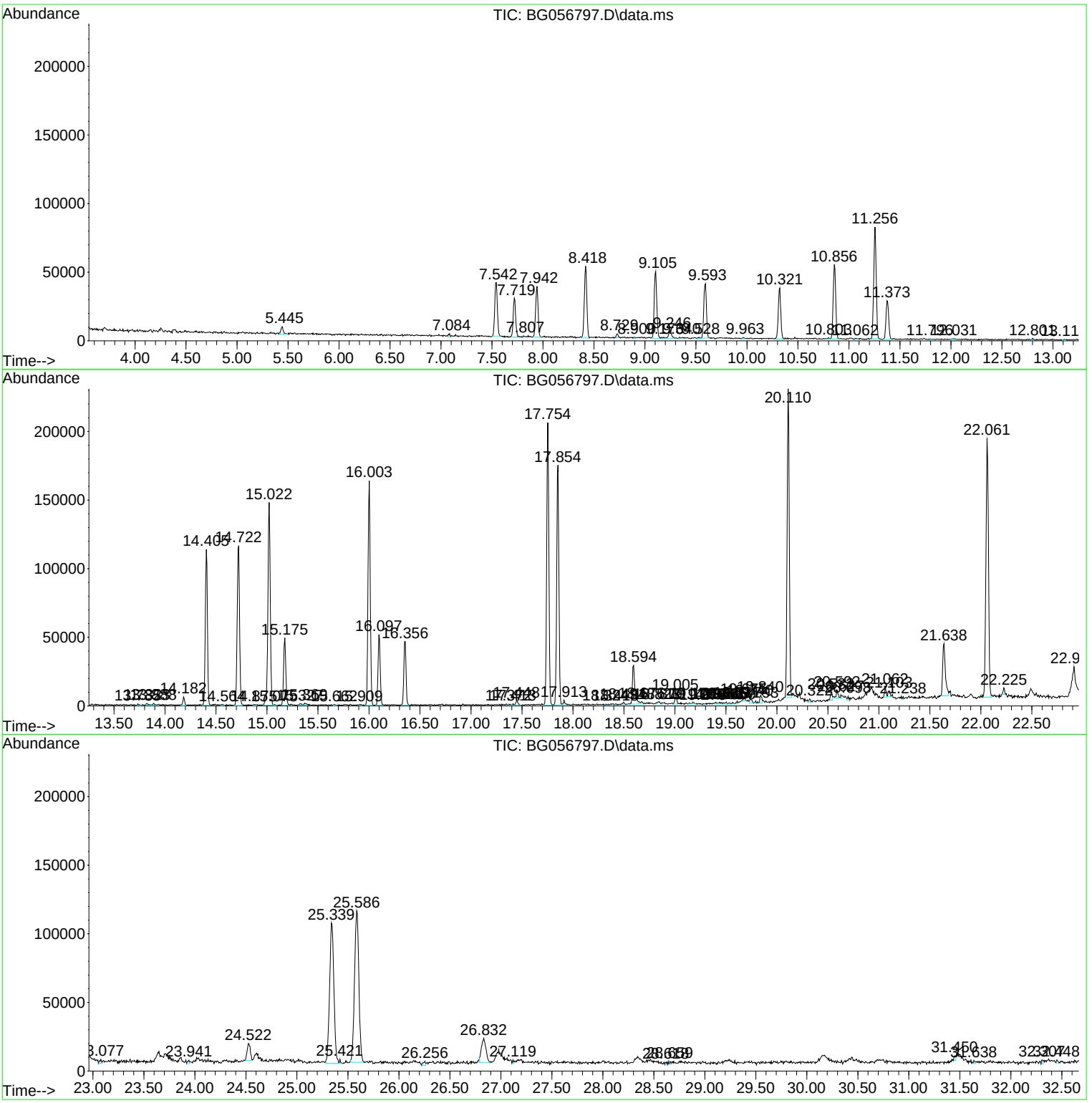
Sample : 01710-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBAB0

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\BG030223\
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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

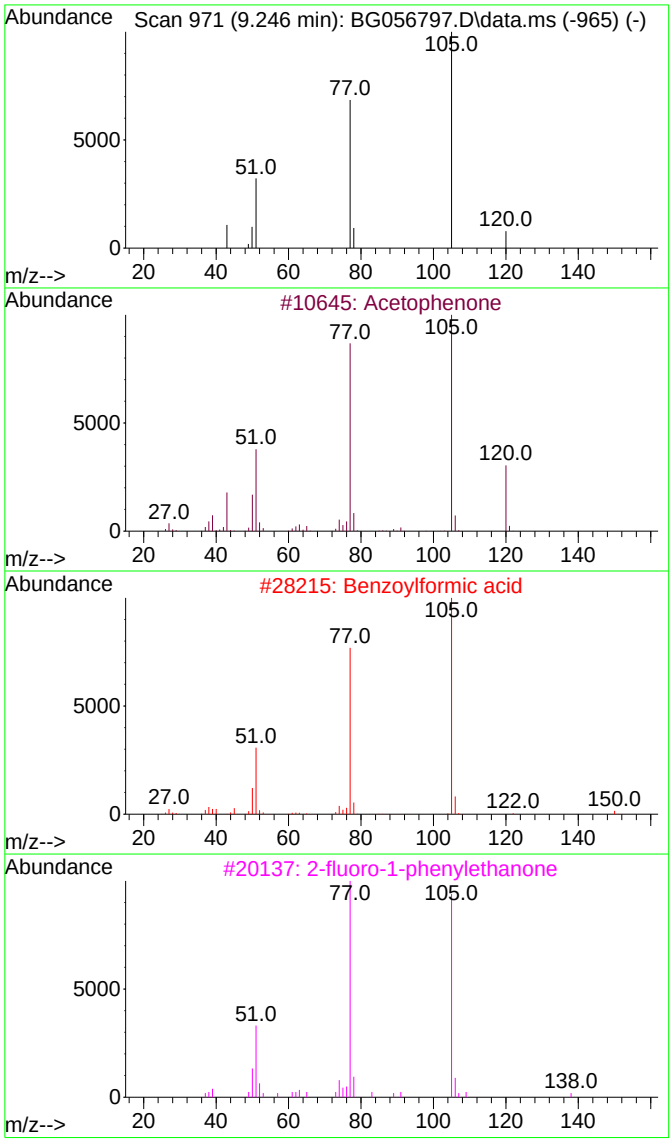
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

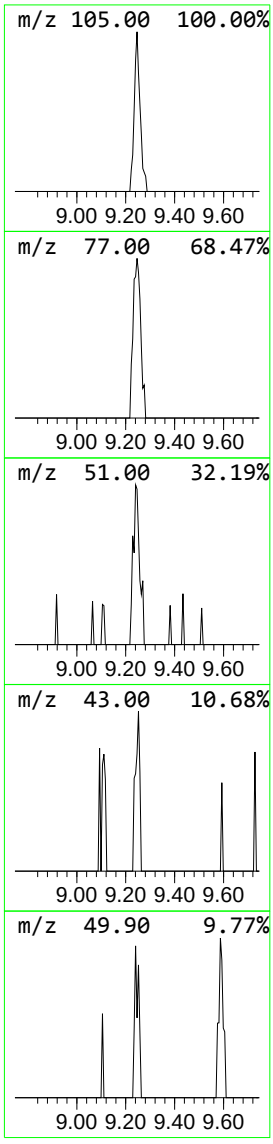
****

Peak Number 1 Acetophe none Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.246	2.35 ng/ul	10539	1,4-Dichlorobenzene-d4	8.418

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone	120	C8H8O	000098-86-2	74
2	Benzoylformic acid	150	C8H6O3	000611-73-4	74
3	2-fluoro-1-phenylethanone	138	C8H7FO	1000456-25-8	74
4	Phenylglyoxal	134	C8H6O2	001074-12-0	74
5	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030223\
Data File : BG056797.D
Acq On : 2 Mar 2023 19:31
Operator : CG/JU
Sample : 01710-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBAB0

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

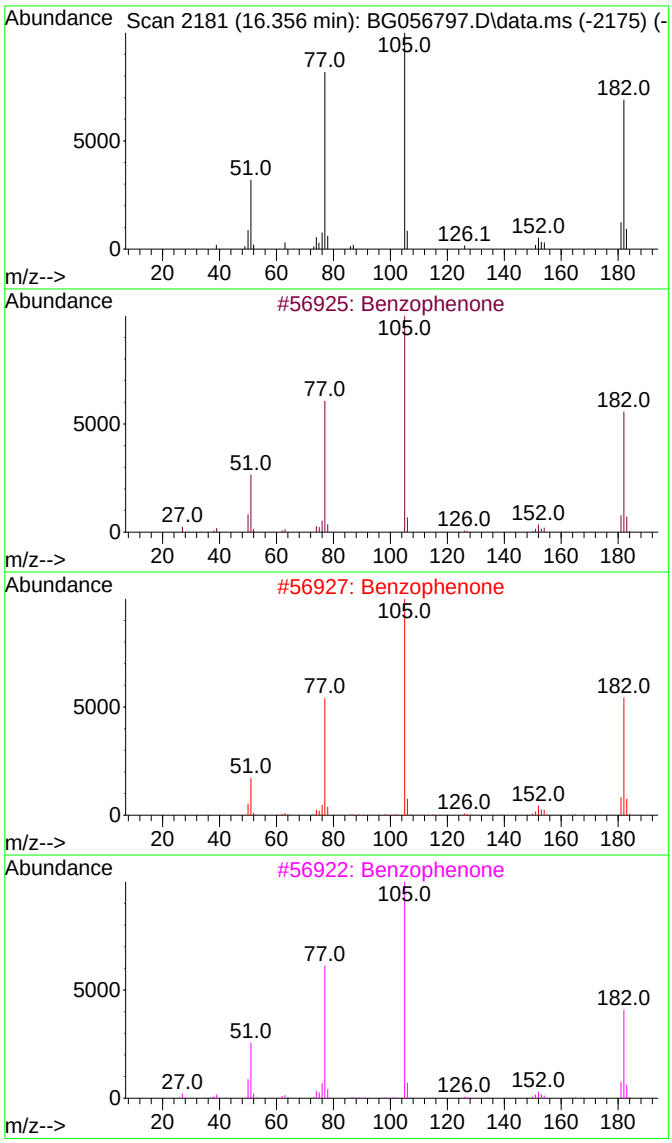
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

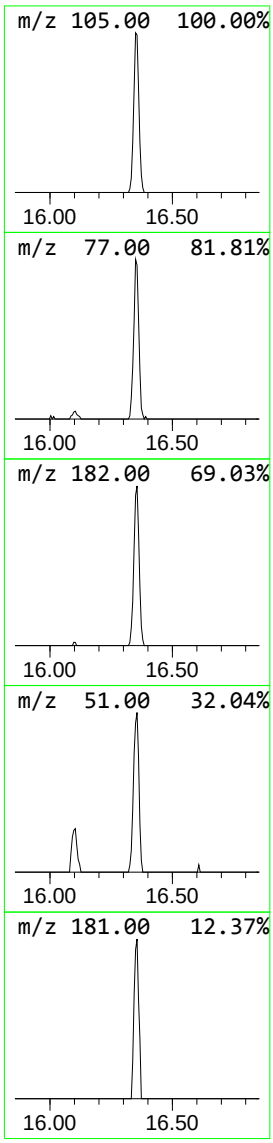
****

Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.356	5.98 ng/ul	69233	Acenaphthene-d10	15.022

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030223\
Data File : BG056797.D
Acq On : 2 Mar 2023 19:31
Operator : CG/JU
Sample : 01710-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBAB0

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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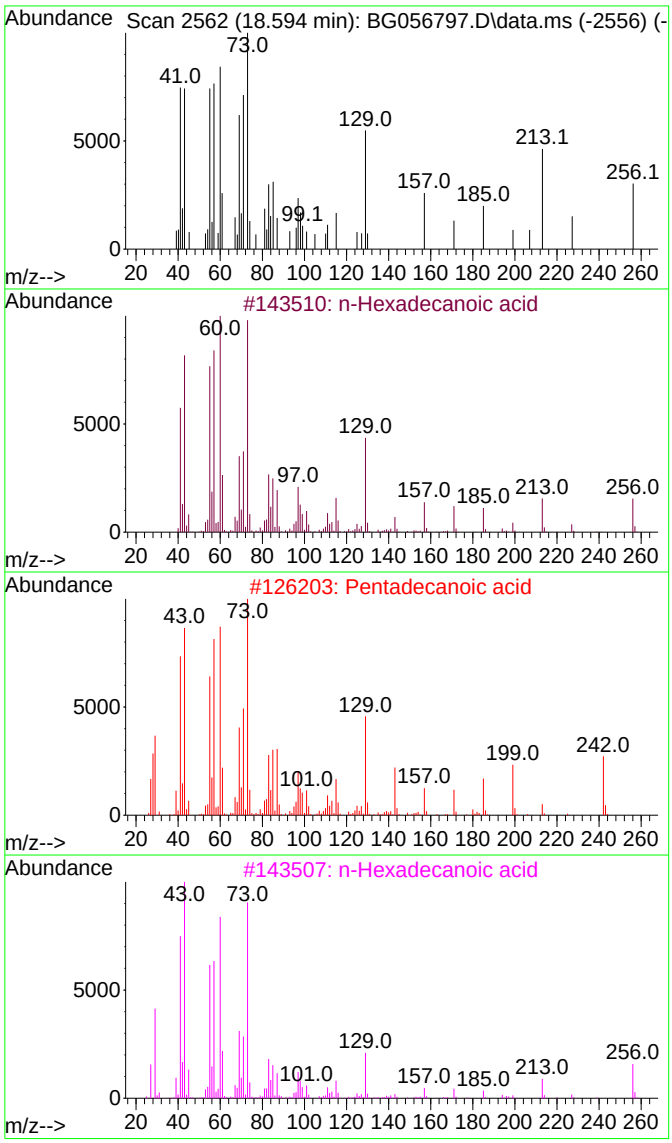
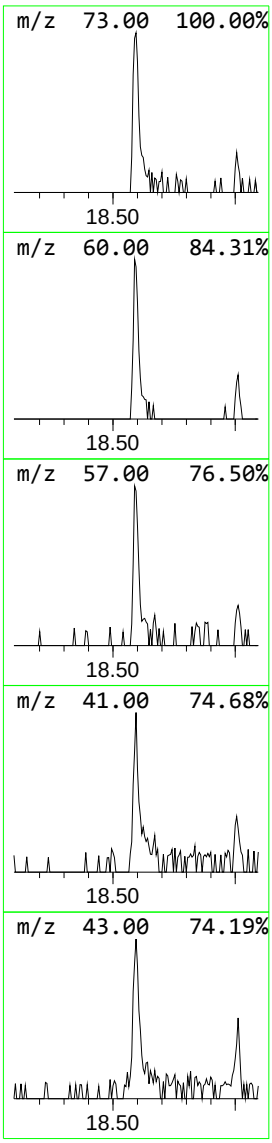
Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.594	3.07 ng/ul	46236	Phenanthrene-d10	17.754

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	47
5	Lactose	342	C12H22O11	000063-42-3	35





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Data File : BG056797.D
Acq On : 2 Mar 2023 19:31
Operator : CG/JU
Sample : 01710-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBAB0

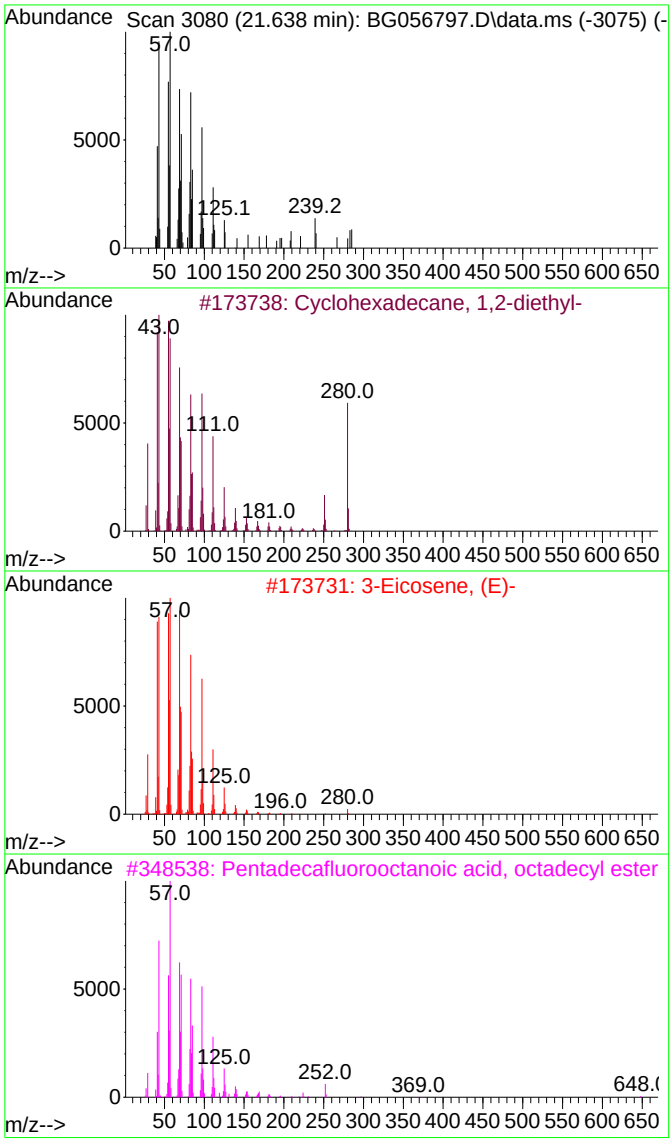
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

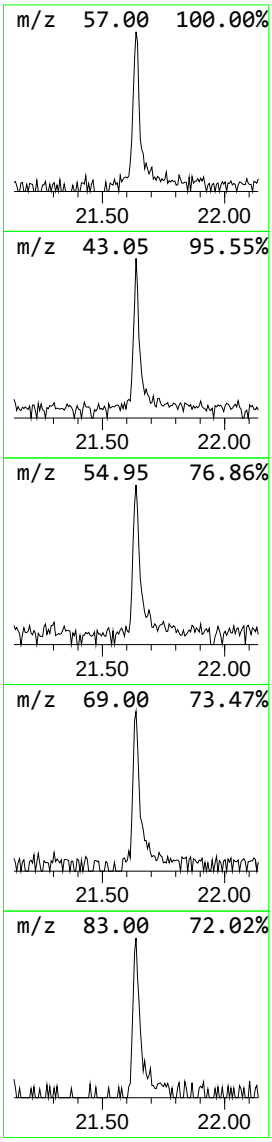
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic21.638 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.638	4.32 ng/ul	69810	Chrysene-d12	22.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	95
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	95
4	1-Hexacosanol	382	C26H54O	000506-52-5	91
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030223\
Data File : BG056797.D
Acq On : 2 Mar 2023 19:31
Operator : CG/JU
Sample : 01710-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBAB0

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

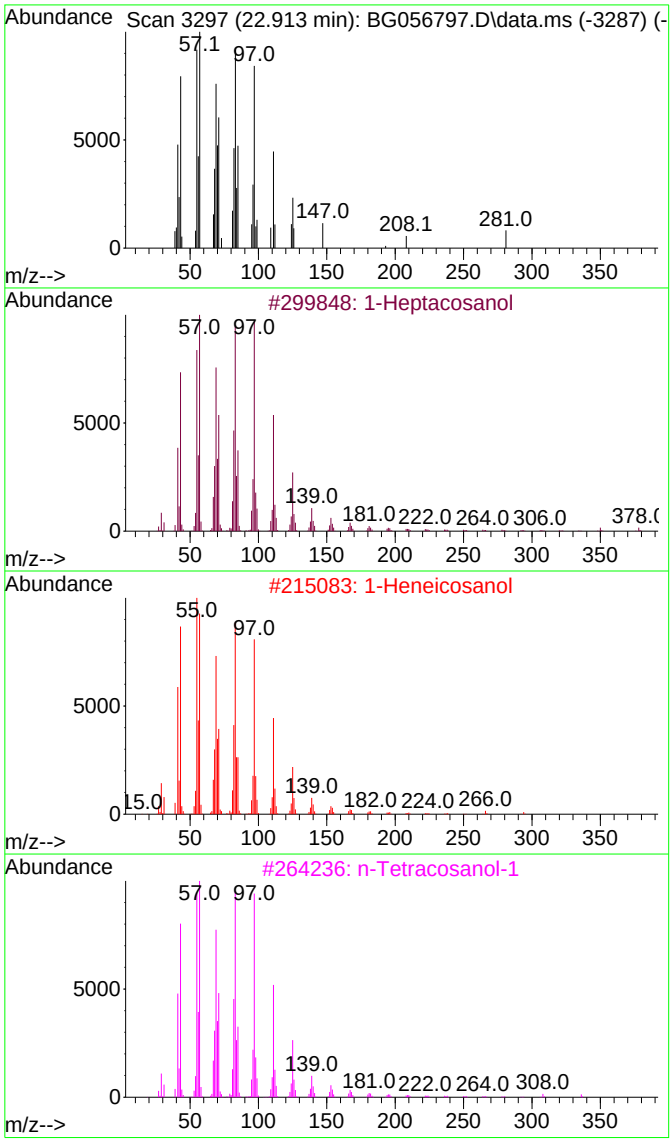
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

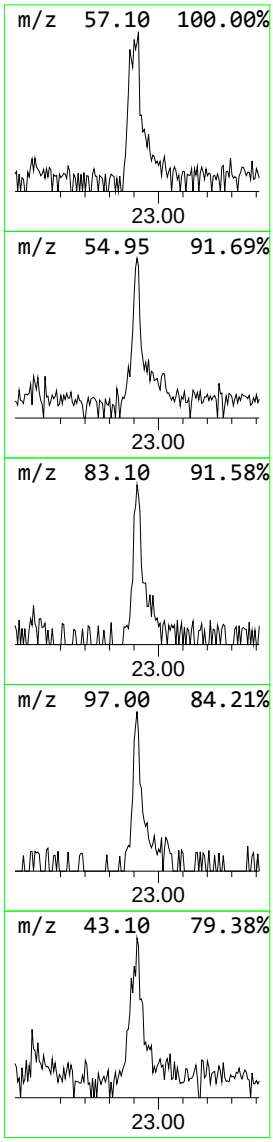
****

Peak Number 5 1-Heptacosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.913	3.97 ng/ul	64018	Chrysene-d12	22.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	90
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030223\
Data File : BG056797.D
Acq On : 2 Mar 2023 19:31
Operator : CG/JU
Sample : 01710-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBAB0

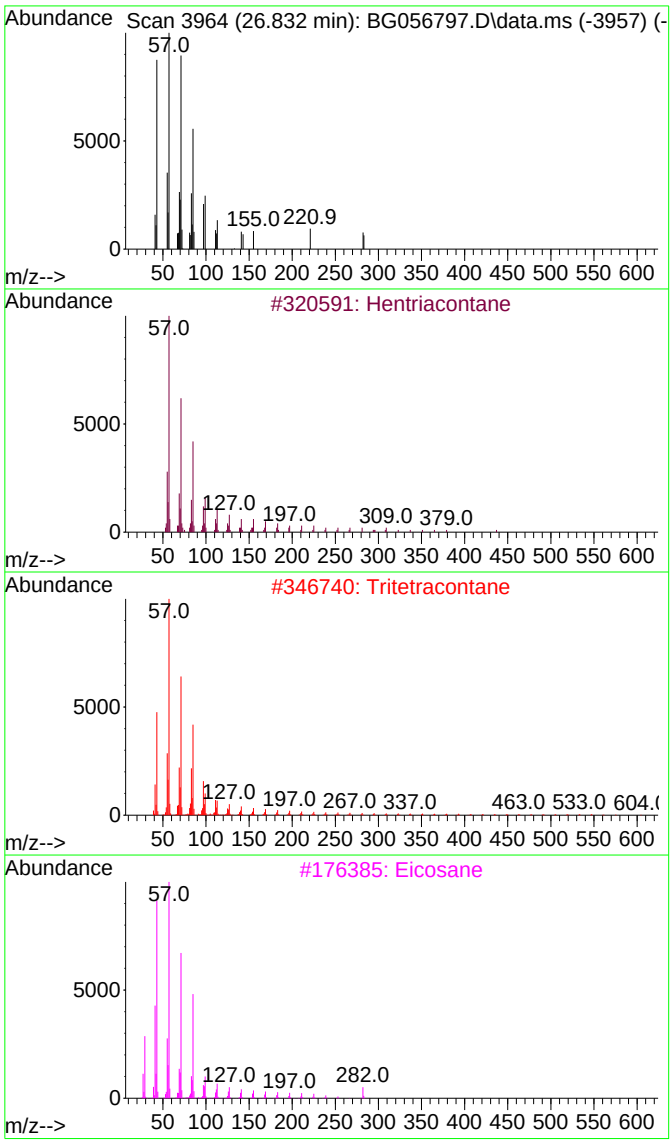
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

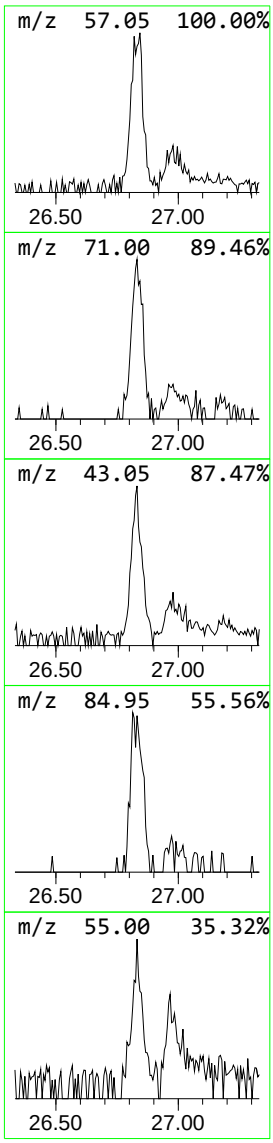
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.831	3.33 ng/ul	54432	Perylene-d12	25.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	87
2	Tritetracontane	605	C43H88	007098-21-7	80
3	Eicosane	282	C20H42	000112-95-8	76
4	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1010115-66-1	72
5	Carbonic acid, tridecyl vinyl ester	270	C16H30O3	1000382-54-7	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030223\
Data File : BG056797.D
Acq On : 2 Mar 2023 19:31
Operator : CG/JU
Sample : 01710-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBAB0

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
Acetophe none	9.246	2.4	ng/ul	10539	1	8.418	89787	20.0
Benzophenone	16.356	6.0	ng/ul	69233	3	15.022	231736	20.0
n-Hexadecanoic ...	18.594	3.1	ng/ul	46236	4	17.754	301034	20.0
(DEL) Alkane: C...	21.638	4.3	ng/ul	69810	5	22.061	322877	20.0
1-Heptacosanol	22.913	4.0	ng/ul	64018	5	22.061	322877	20.0
(DEL) Alkane: S...	26.831	3.3	ng/ul	54432	6	25.586	326945	20.0