LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030323\
Data File : BG056820.D
Acq On : 4 Mar 2023 2:05
Operator : CG/JU
Sample : 01711-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBAC7

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: BG056820.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.081	598	603	610	rVB2	15898	24674	7.12%	0.609%
2	7.540	675	681	688	rVB	40661	67472	19.47%	1.665%
3	7.722	706	712	719	rVB	24941	44193	12.75%	1.091%
4	7.939	743	749	759	rVB	34929	57644	16.63%	1.423%
5	8.368	816	822	826	rBV2	53362	88216	25.45%	2.177%
6	8.415	826	830	837	rVB	54278	89279	25.76%	2.204%
7	9.102	940	947	957	rVB2	50800	82663	23.85%	2.040%
8	9.243	966	971	979	rVB2	7562	14246	4.11%	0.352%
9	9.514	1016	1017	1020	rBV	618	608	0.18%	0.015%
10	9.590	1023	1030	1037	rVB2	38374	66569	19.21%	1.643%
11	9.696	1042	1048	1051	rBV4	1192	2521	0.73%	0.062%
12	10.031	1100	1105	1109	rVB2	1403	2605	0.75%	0.064%
13	10.319	1148	1154	1160	rBV2	33330	57124	16.48%	1.410%
14	10.460	1174	1178	1182	rBV3	1071	2080	0.60%	0.051%
15	10.671	1212	1214	1217	rVB	1245	1111	0.32%	0.027%
16	10.859	1239	1246	1252	rBV	51353	85617	24.70%	2.113%
17	10.953	1257	1262	1270	rVB2	29119	48791	14.08%	1.204%
18	11.253	1306	1313	1320	rBV	81803	144787	41.77%	3.574%
19	11.376	1327	1334	1343	rBV3	27597	48962	14.13%	1.208%
20	11.793	1400	1405	1412	rVB4	6091	10114	2.92%	0.250%
21	12.017	1440	1443	1448	rVB3	1096	1266	0.37%	0.031%
22	12.804	1574	1577	1580	rVB3	736	1032	0.30%	0.025%
23	12.898	1592	1593	1599	rVB3	1039	1547	0.45%	0.038%
24	13.098	1625	1627	1628	rBV	1142	669	0.19%	0.017%
25	13.110	1628	1629	1632	rVV	1108	788	0.23%	0.019%
26	13.209	1640	1646	1647	rBV2	380	642	0.19%	0.016%
27	13.321	1661	1665	1668	rBV2	638	814	0.23%	0.020%
28	13.773	1736	1742	1747	rVB2	13398	18276	5.27%	0.451%
29	13.820	1747	1750	1755	rBV3	1262	1354	0.39%	0.033%
30	14.050	1785	1789	1793	rBV3	1526	1410	0.41%	0.035%
31	14.402	1843	1849	1856	rVB	101841	145784	42.06%	3.598%
32	14.625	1882	1887	1891	rBV2	534	1149	0.33%	0.028%
33	14.719	1896	1903	1911	rVB	113227	171024	49.34%	4.221%
34	14.849	1921	1925	1926	rBV2	646	726	0.21%	0.018%
35	15.019	1941	1954	1962	rBV2	153575	243823	70.35%	6.018%
36	15.172	1974	1980	1988	rBV	43719	71731	20.70%	1.770%

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Operator : CG/JU
Sample : 01711-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBAC7

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	15.330	2004	2007	2013	rVB3	2876	4144	1.20%	0.102%
38	15.718	2071	2073	2077	rBV2	1747	2197	0.63%	0.054%
39	15.924	2104	2108	2111	rVB2	656	759	0.22%	0.019%
40	16.000	2115	2121	2127	rVB	146603	219982	63.47%	5.429%
41	16.100	2133	2138	2145	rVB	48804	66869	19.29%	1.650%
42	16.253	2160	2164	2169	rVB2	1213	1545	0.45%	0.038%
43	16.353	2176	2181	2189	rVB	18048	24990	7.21%	0.617%
44	16.705	2239	2241	2244	rBV2	1055	1057	0.30%	0.026%
45	16.758	2246	2250	2253	rVB	754	708	0.20%	0.017%
46	17.422	2357	2363	2365	rBV	472	869	0.25%	0.021%
47	17.469	2367	2371	2376	rVB	877	1167	0.34%	0.029%
48	17.557	2384	2386	2391	rBV	701	768	0.22%	0.019%
49	17.751	2411	2419	2427	rBV	207516	314934	90.86%	7.773%
50	17.851	2430	2436	2444	rVV	164854	243790	70.34%	6.017%
51	17.922	2444	2448	2450	rVV	979	1291	0.37%	0.032%
52	17.945	2450	2452	2456	rVB	768	885	0.26%	0.022%
53	18.350	2517	2521	2524	rBV	700	1091	0.31%	0.027%
54	18.503	2545	2547	2552	rVB2	913	995	0.29%	0.025%
55	18.591	2557	2562	2570	rVV2	23081	36452	10.52%	0.900%
56	18.674	2574	2576	2577	rVV	1465	1007	0.29%	0.025%
57	18.685	2577	2578	2580	rVB	875	602	0.17%	0.015%
58	18.715	2580	2583	2584	rBV	1079	1053	0.30%	0.026%
59	18.732	2584	2586	2587	rVB	1091	625	0.18%	0.015%
60	18.956	2621	2624	2629	rVB3	1046	1471	0.42%	0.036%
61	19.009	2629	2633	2636	rVB3	2565	2803	0.81%	0.069%
62	19.185	2659	2663	2667	rBV3	2217	3317	0.96%	0.082%
63	19.296	2680	2682	2685	rBV2	940	869	0.25%	0.021%
64	19.349	2688	2691	2692	rBV	1081	891	0.26%	0.022%
65	19.390	2695	2698	2703	rBV3	2237	3143	0.91%	0.078%
66	19.502	2714	2717	2718	rBV2	1349	997	0.29%	0.025%
67	19.526	2719	2721	2722	rVB	1167	607	0.18%	0.015%
68	19.543	2722	2724	2726	rBV	682	721	0.21%	0.018%
69	19.620	2733	2737	2738	rBV2	2413	3545	1.02%	0.087%
70	19.678	2743	2747	2751	rVV5	4407	8725	2.52%	0.215%
71	19.725	2753	2755	2757	rVV2	2265	2368	0.68%	0.058%
72	19.743	2757	2758	2762	rVV3	3004	2853	0.82%	0.070%
73	19.808	2764	2769	2772	rBV3	16180	18973	5.47%	0.468%
74	19.843	2772	2775	2779	rVB5	5086	5751	1.66%	0.142%
75	19.919	2785	2788	2790	rBV2	2622	2333	0.67%	0.058%
76	19.954	2790	2794	2798	rVV	25418	28311	8.17%	0.699%

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Operator : CG/JU
Sample : 01711-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBAC7

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	20.019	2803	2805	2808	rVB2	2253	2370	0.68%	0.058%
78	20.113	2815	2821	2828	rVB	212503	297713	85.90%	7.348%
79	20.172	2828	2831	2833	rBV2	1707	2615	0.75%	0.065%
80	20.236	2839	2842	2847	rVB3	9491	9331	2.69%	0.230%
81	20.530	2888	2892	2897	rBV	12305	18609	5.37%	0.459%
82	20.701	2920	2921	2924	rVB3	2746	2254	0.65%	0.056%
83	20.730	2924	2926	2927	rBV	1622	1526	0.44%	0.038%
84	20.912	2954	2957	2962	rVB6	5083	8570	2.47%	0.212%
85	20.977	2966	2968	2970	rBV	3219	3089	0.89%	0.076%
86	21.065	2979	2983	2987	rVB	14709	17711	5.11%	0.437%
87	21.635	3076	3080	3088	rBV4	38011	68185	19.67%	1.683%
88	22.064	3146	3153	3160	rBV2	194086	338028	97.53%	8.343%
89	22.217	3175	3179	3185	rBV4	12829	20389	5.88%	0.503%
90	22.493	3222	3226	3230	rVB3	6148	8298	2.39%	0.205%
91	24.338	3538	3540	3541	rBV	1953	1285	0.37%	0.032%
92	25.254	3694	3696	3698	rBV3	1853	1226	0.35%	0.030%
93	25.342	3701	3711	3721	rVV	97152	270250	77.97%	6.670%
94	25.589	3741	3753	3764	rBV2	109586	346598	100.00%	8.555%
95	26.306	3874	3875	3876	rBV	2376	997	0.29%	0.025%
96	28.809	4299	4301	4303	rBV	2187	2211	0.64%	0.055%
97	30.096	4518	4520	4521	rBV2	2382	1514	0.44%	0.037%
98	30.143	4521	4528	4529	rBV5	5416	9168	2.65%	0.226%
99	30.812	4641	4642	4644	rBV2	2793	1740	0.50%	0.043%
100	32.628	4949	4951	4952	rBV2	1865	1190	0.34%	0.029%

Sum of corrected areas: 4051636

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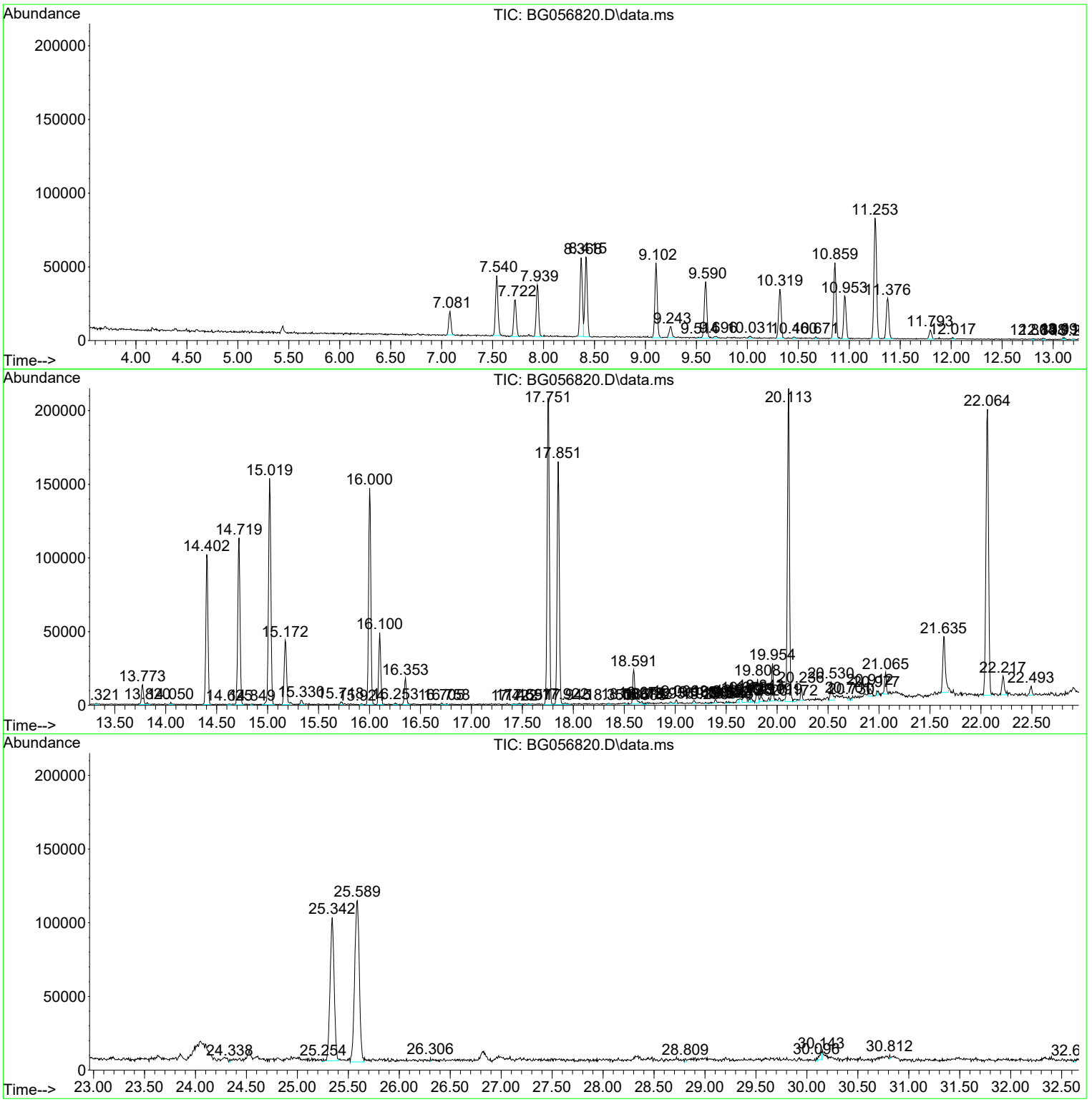
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBAC7

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\BG030323\
Data File : BG056820.D
Acq On : 4 Mar 2023 2:05
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Instrument :
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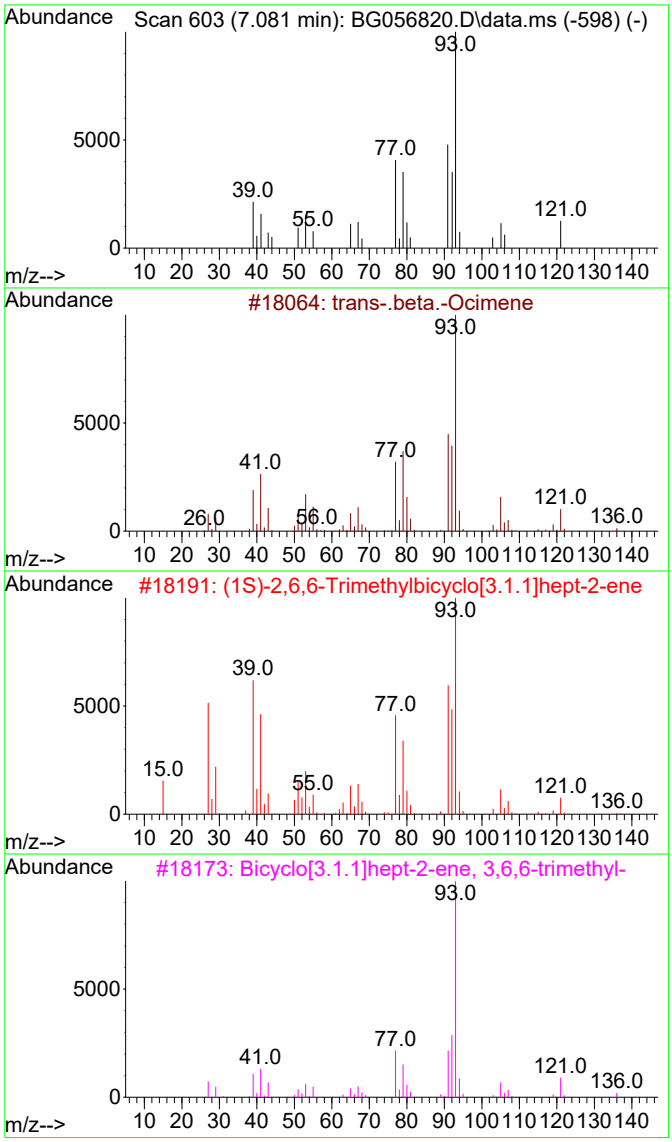
Quant Title : SVOA CALIBRATION

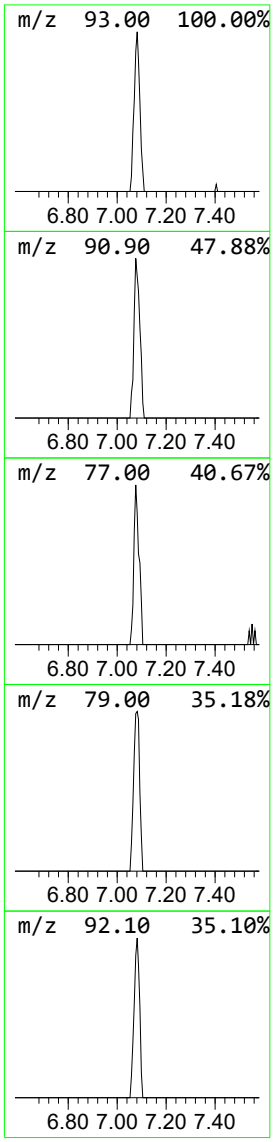
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 trans-.beta.-Ocimene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.081	5.53 ng/ul	24674	1,4-Dichlorobenzene-d4	8.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-.beta.-Ocimene	136	C10H16	003779-61-1	80
2	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	78
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	64
4	trans-.beta.-Ocimene	136	C10H16	003779-61-1	64
5	trans-.beta.-Ocimene	136	C10H16	003779-61-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030323\
Data File : BG056820.D
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Operator : CG/JU
Sample : 01711-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBAC7

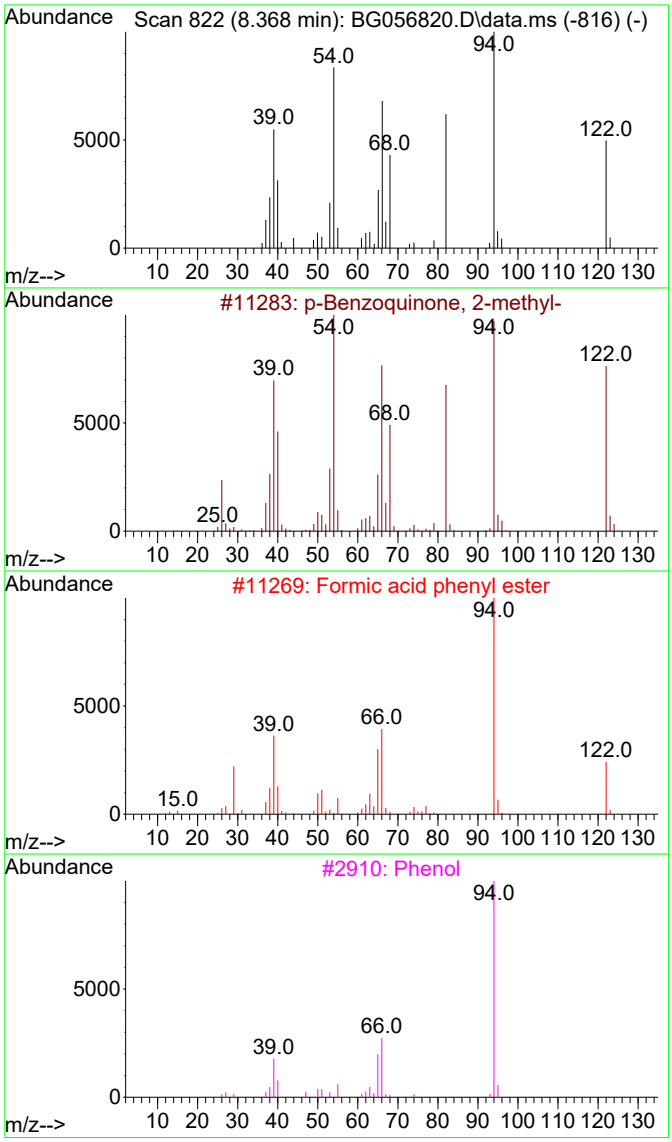
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

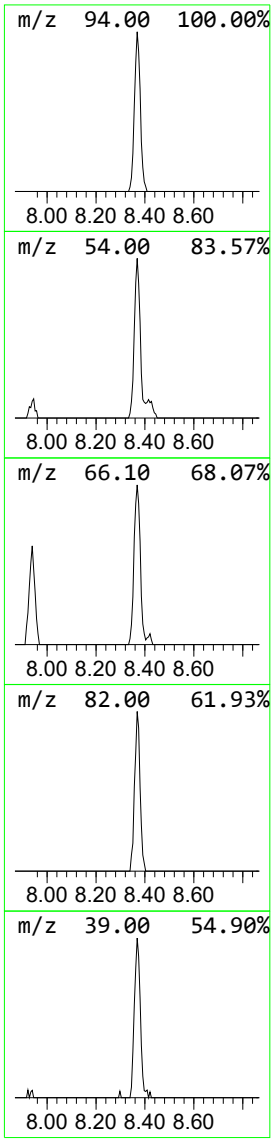
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 p-Benzoquinone, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.368	19.76 ng/ul	88216	1,4-Dichlorobenzene-d4	8.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Benzoquinone, 2-methyl-	122	C7H6O2	000553-97-9	97
2	Formic acid phenyl ester	122	C7H6O2	001864-94-4	42
3	Phenol	94	C6H6O	000108-95-2	30
4	2-Aminopyridine	94	C5H6N2	000504-29-0	22
5	Phenol	94	C6H6O	000108-95-2	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030323\
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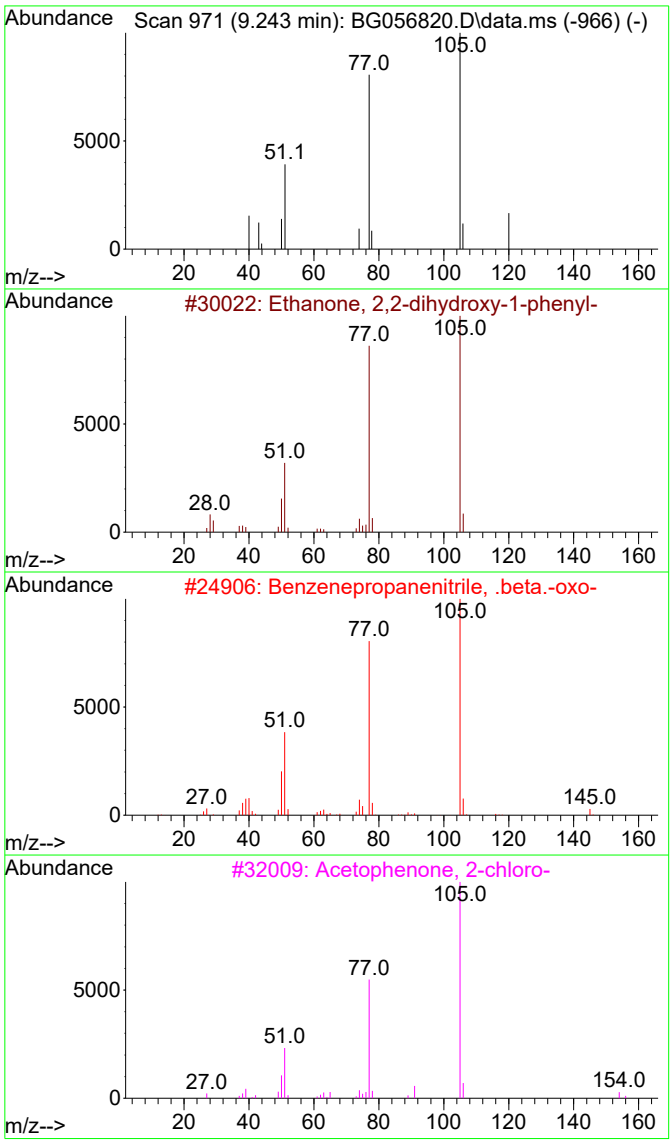
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

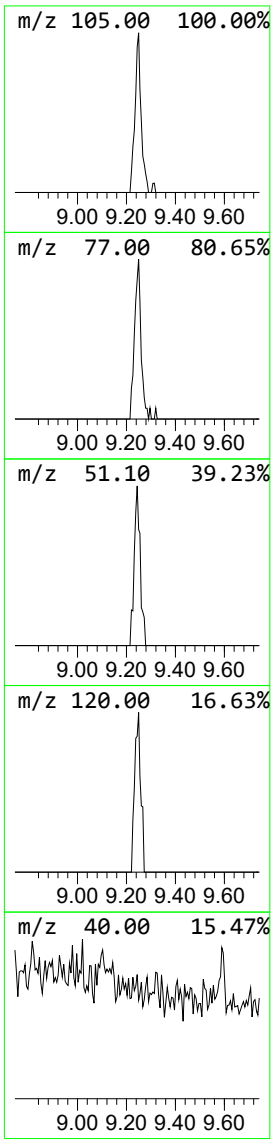
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanone, 2,2-dihydroxy-1-p... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.243	3.19 ng/ul	14246	1,4-Dichlorobenzene-d4	8.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 2,2-dihydroxy-1-phenyl-	152	C8H8O3	001075-06-5	83
2	Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	83
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	83
4	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	83
5	2-fluoro-1-phenylethanone	138	C8H7FO	1000456-25-8	83





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

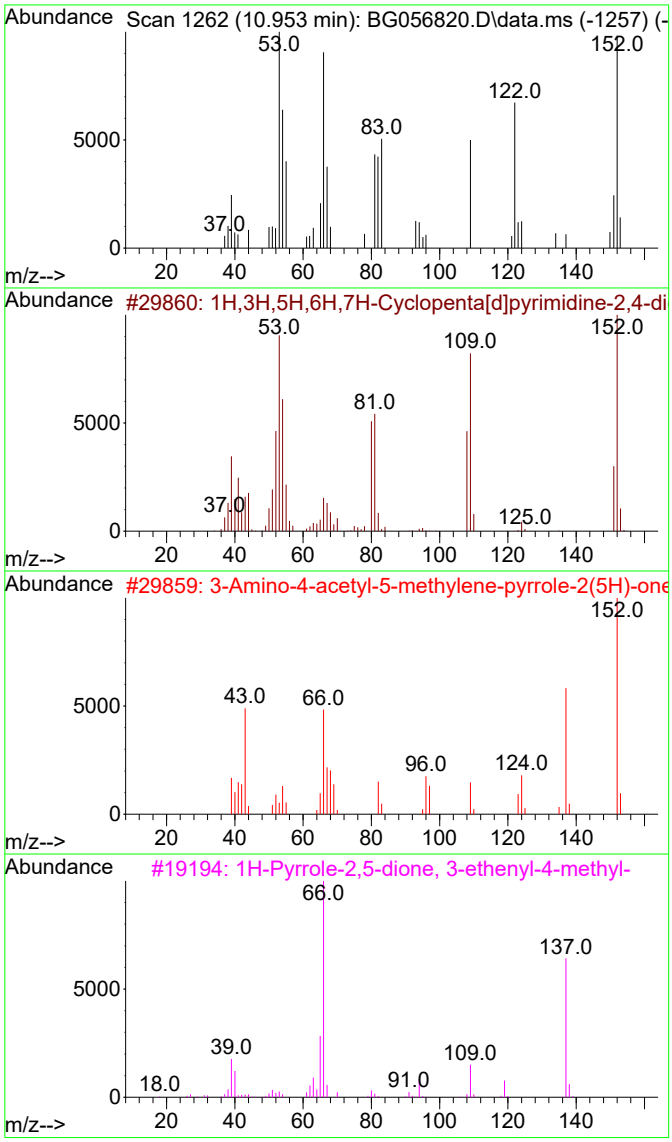
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

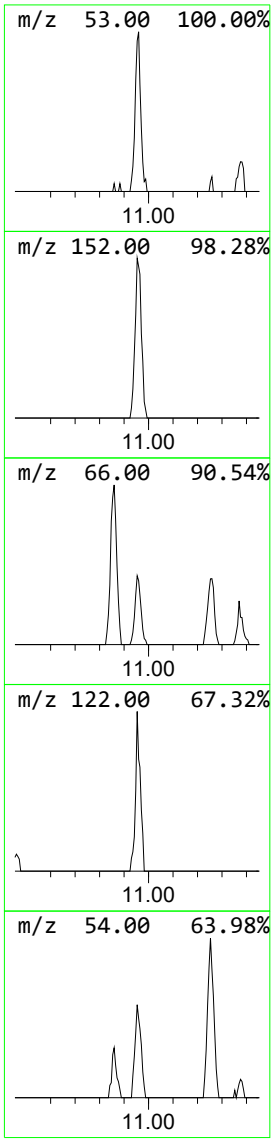
****

Peak Number 4 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.953	6.74 ng/ul	48791	Naphthalene-d8	11.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H,3H,5H,6H,7H-Cyclopenta[d]pyri...	152	C7H8N2O2	005466-00-2	38
2	3-Amino-4-acetyl-5-methylene-pyr...	152	C7H8N2O2	092220-23-0	35
3	1H-Pyrrole-2,5-dione, 3-ethenyl-...	137	C7H7NO2	021494-57-5	22
4	Propanedinitrile, (ethoxymethyle...	122	C6H6N2O	000123-06-8	22
5	2-Amino-5-nitropyridine	139	C5H5N3O2	004214-76-0	22





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Data File : BG056820.D
Acq On : 4 Mar 2023 2:05
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Sample : 01711-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBAC7

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

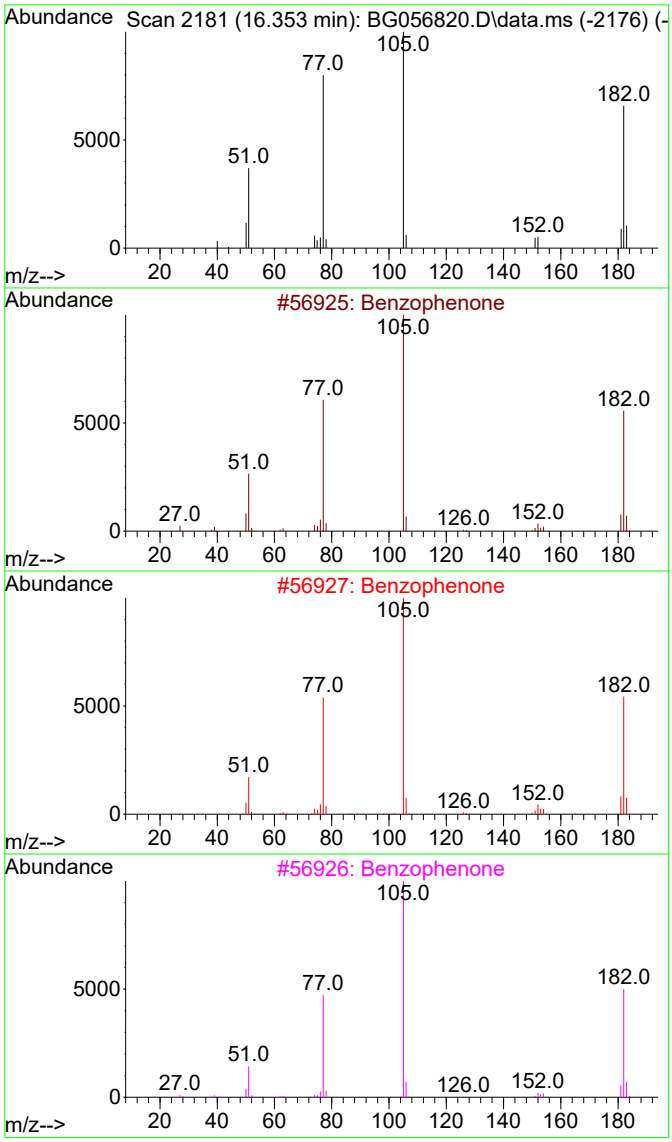
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

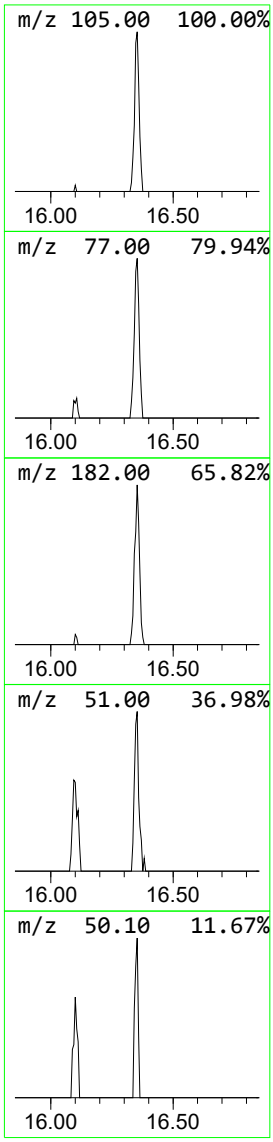
****

Peak Number 5 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.353	2.05 ng/ul	24990	Acenaphthene-d10	15.019

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	91
2	Benzophenone	182	C13H10O	000119-61-9	91
3	Benzophenone	182	C13H10O	000119-61-9	91
4	Benzophenone	182	C13H10O	000119-61-9	72
5	Benzophenone	182	C13H10O	000119-61-9	68





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Data File : BG056820.D
Acq On : 4 Mar 2023 2:05
Operator : CG/JU
Sample : 01711-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBAC7

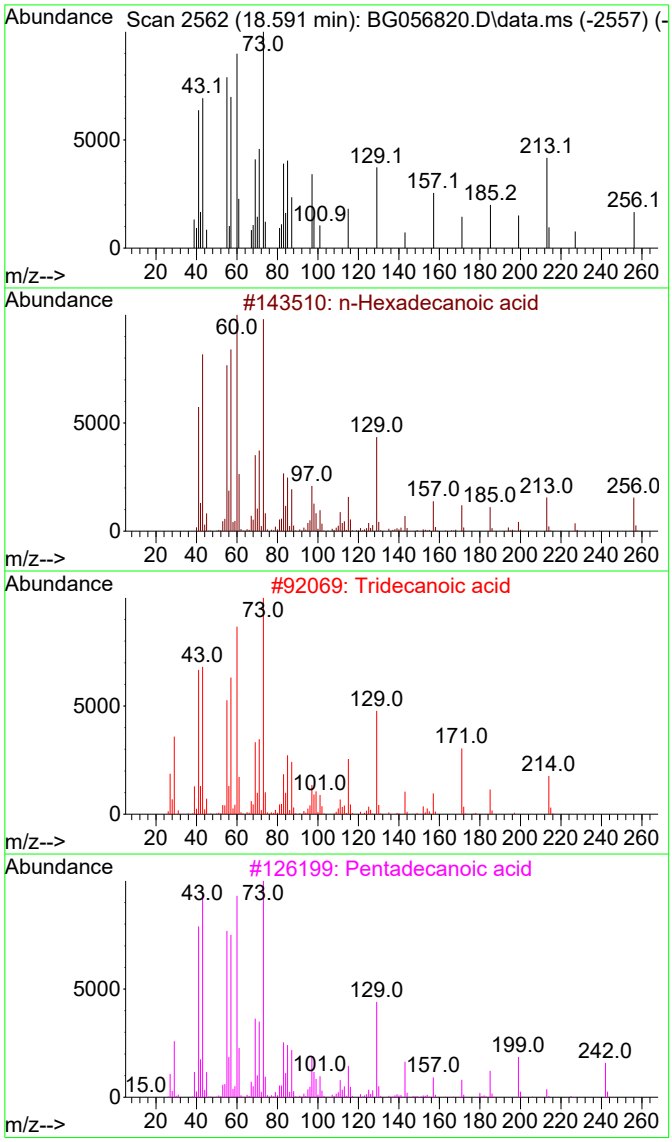
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

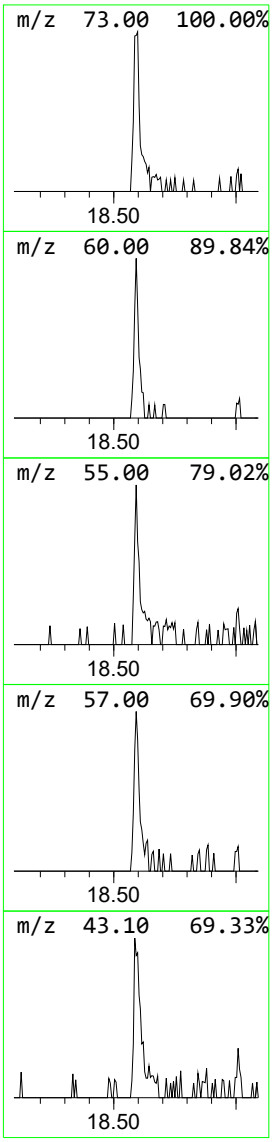
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.591	2.31 ng/ul	36452	Phenanthrene-d10	17.751

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	49
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	47
4	Tridecanoic acid	214	C13H26O2	000638-53-9	45
5	Dodecanoic acid	200	C12H24O2	000143-07-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030323\
Data File : BG056820.D
Acq On : 4 Mar 2023 2:05
Operator : CG/JU
Sample : 01711-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBAC7

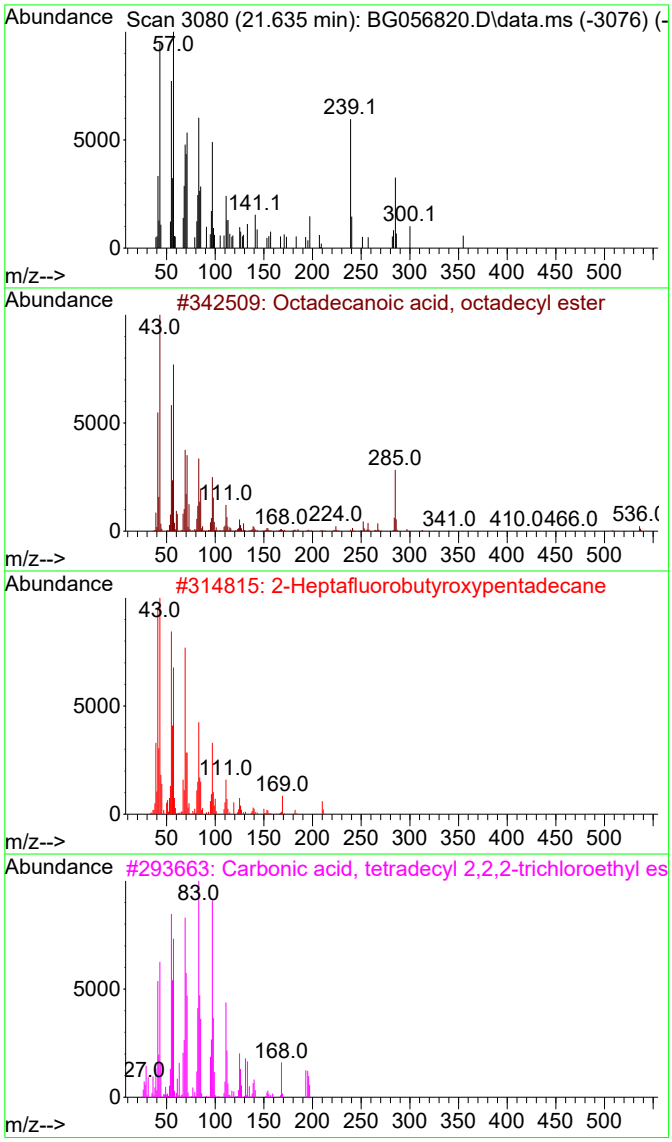
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

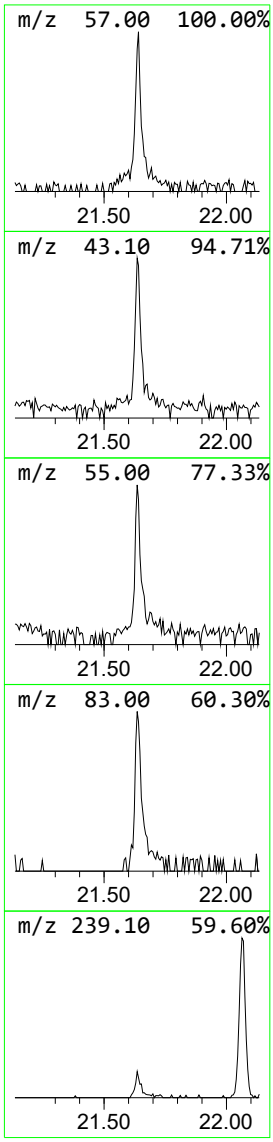
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Octadecanoic acid, octadecy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.635	4.03 ng/ul	68185	Chrysene-d12	22.064

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, octadecyl ester	537	C36H72O2	002778-96-3	64
2	2-Heptafluorobutyroxypentadecane	424	C19H31F7O2	1010245-50-0	58
3	Carbonic acid, tetradecyl 2,2,2-...	388	C17H31Cl3O3	1000314-56-0	53
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	52
5	17-Pentatriacontene	491	C35H70	006971-40-0	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030323\
Data File : BG056820.D
Acq On : 4 Mar 2023 2:05
Operator : CG/JU
Sample : 01711-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBAC7

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
trans-.beta.-Oc...	7.081	5.5	ng/ul	24674	1	8.421	89279	20.0
p-Benzoquinone,...	8.368	19.8	ng/ul	88216	1	8.421	89279	20.0
Ethanone, 2,2-d...	9.243	3.2	ng/ul	14246	1	8.421	89279	20.0
unknown-01	10.953	6.7	ng/ul	48791	2	11.253	144787	20.0
Benzophenone	16.353	2.0	ng/ul	24990	3	15.019	243823	20.0
n-Hexadecanoic ...	18.591	2.3	ng/ul	36452	4	17.751	314934	20.0
Octadecanoic ac...	21.635	4.0	ng/ul	68185	5	22.064	338028	20.0