LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070324\
Data File : BG061876.D
Acq On : 3 Jul 2024 23:04
Operator : MA/JU
Sample : P3026-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0TB4

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-BG070224.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG061876.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.483	30	33	38	rVB2	13110	18249	0.28%	0.066%
2	3.753	74	79	91	rBV	115730	197637	3.00%	0.711%
3	3.906	102	105	114	rBV2	74541	120898	1.83%	0.435%
4	4.781	247	254	260	rBV4	13742	23800	0.36%	0.086%
5	4.899	271	274	281	rBV2	12990	23548	0.36%	0.085%
6	5.163	315	319	326	rVB7	5507	7661	0.12%	0.028%
7	7.249	666	674	682	rBV	304954	535413	8.12%	1.926%
8	7.419	696	703	713	rVB	201935	339609	5.15%	1.221%
9	7.625	730	738	743	rBV	266496	471980	7.16%	1.698%
10	7.672	743	746	757	rVB	62897	100423	1.52%	0.361%
11	8.095	811	818	825	rBV	162267	280975	4.26%	1.011%
12	8.800	930	938	944	rBV	380717	654093	9.92%	2.352%
13	9.258	1006	1016	1025	rVB	301428	541284	8.21%	1.947%
14	9.810	1102	1110	1115	rBV2	30342	50027	0.76%	0.180%
15	9.981	1132	1139	1147	rVB	273361	490319	7.43%	1.763%
16	10.310	1190	1195	1198	rBV4	5112	8065	0.12%	0.029%
17	10.521	1224	1231	1241	rBV	386234	702677	10.65%	2.527%
18	10.674	1254	1257	1263	rVB5	6452	11389	0.17%	0.041%
19	10.909	1289	1297	1303	rBV	245477	441623	6.69%	1.588%
20	11.038	1312	1319	1326	rBV	332136	616072	9.34%	2.216%
21	11.356	1368	1373	1377	rBV5	9956	19671	0.30%	0.071%
22	11.426	1380	1385	1389	rVV4	11404	21986	0.33%	0.079%
23	11.485	1389	1395	1398	rVV4	8973	14389	0.22%	0.052%
24	11.538	1398	1404	1409	rVB5	10175	15982	0.24%	0.057%
25	11.638	1414	1421	1431	rBV2	121729	236328	3.58%	0.850%
26	12.484	1561	1565	1571	rBV5	7718	13031	0.20%	0.047%
27	13.600	1751	1755	1758	rBV4	7581	10532	0.16%	0.038%
28	13.635	1758	1761	1766	rVV3	7086	12861	0.19%	0.046%
29	13.906	1802	1807	1812	rVB6	7406	11436	0.17%	0.041%
30	14.117	1835	1843	1850	rBV	726589	1055915	16.01%	3.798%
31	14.352	1880	1883	1885	rBV3	5433	6605	0.10%	0.024%
32	14.417	1887	1894	1904	rVV	782391	1229174	18.63%	4.421%
33	14.716	1938	1945	1954	rVV	412114	649784	9.85%	2.337%
34	14.928	1970	1981	1994	rBV2	2895551	6596368	100.00%	23.724%
35	15.034	1994	1999	2002	rVB6	7227	12326	0.19%	0.044%
36	15.110	2010	2012	2018	rVB5	8947	14263	0.22%	0.051%

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Sample : P3026-04
Misc :
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Instrument : BNA_G
ClientSampleId : C0TB4

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-BG070224.MA.M
Title : SVOA CALIBRATION

37	15.210	2026	2029	2034	rVB4	7397	10655	0.16%	0.038%
38	15.304	2037	2045	2051	rBV6	10276	30302	0.46%	0.109%
39	15.709	2107	2114	2123	rVB	1034699	1542871	23.39%	5.549%
40	15.815	2125	2132	2138	rBV	380853	567365	8.60%	2.041%
41	16.138	2183	2187	2191	rVB6	5911	9981	0.15%	0.036%
42	16.250	2200	2206	2211	rBV7	9775	24316	0.37%	0.087%
43	17.366	2391	2396	2400	rBV6	6578	11342	0.17%	0.041%
44	17.460	2405	2412	2421	rVB	533346	840989	12.75%	3.025%
45	17.560	2421	2429	2438	rBV2	1138284	1746303	26.47%	6.281%
46	17.637	2438	2442	2448	rVB7	11408	18167	0.28%	0.065%
47	17.825	2470	2474	2478	rBV5	10836	17421	0.26%	0.063%
48	18.018	2506	2507	2513	rVB5	7457	11383	0.17%	0.041%
49	18.112	2519	2523	2527	rBV3	30870	42311	0.64%	0.152%
50	18.330	2556	2560	2565	rBV3	53829	78347	1.19%	0.282%
51	18.412	2571	2574	2577	rBV5	9596	11250	0.17%	0.040%
52	19.194	2702	2707	2713	rBV5	38065	72430	1.10%	0.261%
53	19.276	2718	2721	2728	rVB4	38913	45702	0.69%	0.164%
54	19.405	2740	2743	2750	rVB3	45307	58434	0.89%	0.210%
55	19.476	2751	2755	2757	rVV3	17061	24822	0.38%	0.089%
56	19.499	2757	2759	2764	rVB2	39896	50795	0.77%	0.183%
57	19.575	2770	2772	2775	rVB4	9682	8108	0.12%	0.029%
58	19.611	2775	2778	2780	rBV4	6730	7366	0.11%	0.026%
59	19.728	2794	2798	2804	rBV6	21488	44105	0.67%	0.159%
60	19.834	2811	2816	2825	rVV	1328994	1942749	29.45%	6.987%
61	20.333	2897	2901	2902	rVV4	18753	23228	0.35%	0.084%
62	20.351	2902	2904	2908	rVB5	29357	34605	0.52%	0.124%
63	20.527	2932	2934	2937	rVB4	11325	7975	0.12%	0.029%
64	20.686	2958	2961	2964	rVB4	25630	29511	0.45%	0.106%
65	20.733	2964	2969	2973	rBV8	16278	34767	0.53%	0.125%
66	20.850	2985	2989	2992	rBV3	37820	42233	0.64%	0.152%
67	21.033	3018	3020	3023	rBV4	12423	13861	0.21%	0.050%
68	21.356	3071	3075	3083	rBV	133335	233354	3.54%	0.839%
69	21.720	3130	3137	3146	rVB2	556386	905774	13.73%	3.258%
70	21.908	3167	3169	3172	rVB3	30639	27931	0.42%	0.100%
71	22.525	3269	3274	3277	rBV4	42673	66529	1.01%	0.239%
72	22.995	3352	3354	3357	rBV4	10195	10320	0.16%	0.037%
73	23.224	3389	3393	3399	rVB3	40522	71653	1.09%	0.258%
74	23.682	3469	3471	3474	rBV3	9601	8374	0.13%	0.030%
75	24.035	3524	3531	3539	rBV3	69125	164936	2.50%	0.593%
76	24.105	3541	3543	3546	rBV4	10384	13777	0.21%	0.050%

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Misc :
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Instrument :
BNA_G
ClientSampleId :
C0TB4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Title : SVOA CALIBRATION

77	24.170	3552	3554	3555	rVB2	13765	7274	0.11%	0.026%
78	24.470	3602	3605	3607	rBV4	10912	14826	0.22%	0.053%
79	24.605	3626	3628	3630	rVB3	11417	9857	0.15%	0.035%
80	24.746	3641	3652	3662	rVB2	712751	2014131	30.53%	7.244%
81	24.963	3679	3689	3702	rVB2	341079	1062218	16.10%	3.820%
82	26.144	3885	3890	3899	rVB4	48043	130437	1.98%	0.469%
83	26.843	4007	4009	4011	rVB3	12350	7138	0.11%	0.026%
84	27.895	4186	4188	4190	rBV3	10755	10636	0.16%	0.038%
85	28.694	4322	4324	4325	rBV2	11274	7200	0.11%	0.026%
86	29.029	4379	4381	4385	rVB5	10801	10413	0.16%	0.037%
87	29.664	4487	4489	4492	rBV4	9934	12308	0.19%	0.044%
88	30.492	4628	4630	4633	rVB4	10284	7454	0.11%	0.027%
89	30.627	4651	4653	4654	rBV2	9805	7308	0.11%	0.026%
90	31.068	4727	4728	4731	rBV3	10083	8814	0.13%	0.032%
91	31.174	4744	4746	4749	rBV4	12631	8632	0.13%	0.031%
92	31.943	4875	4877	4880	rBV4	10131	11755	0.18%	0.042%
93	32.590	4985	4987	4992	rBV6	8301	11086	0.17%	0.040%

Sum of corrected areas: 27804222

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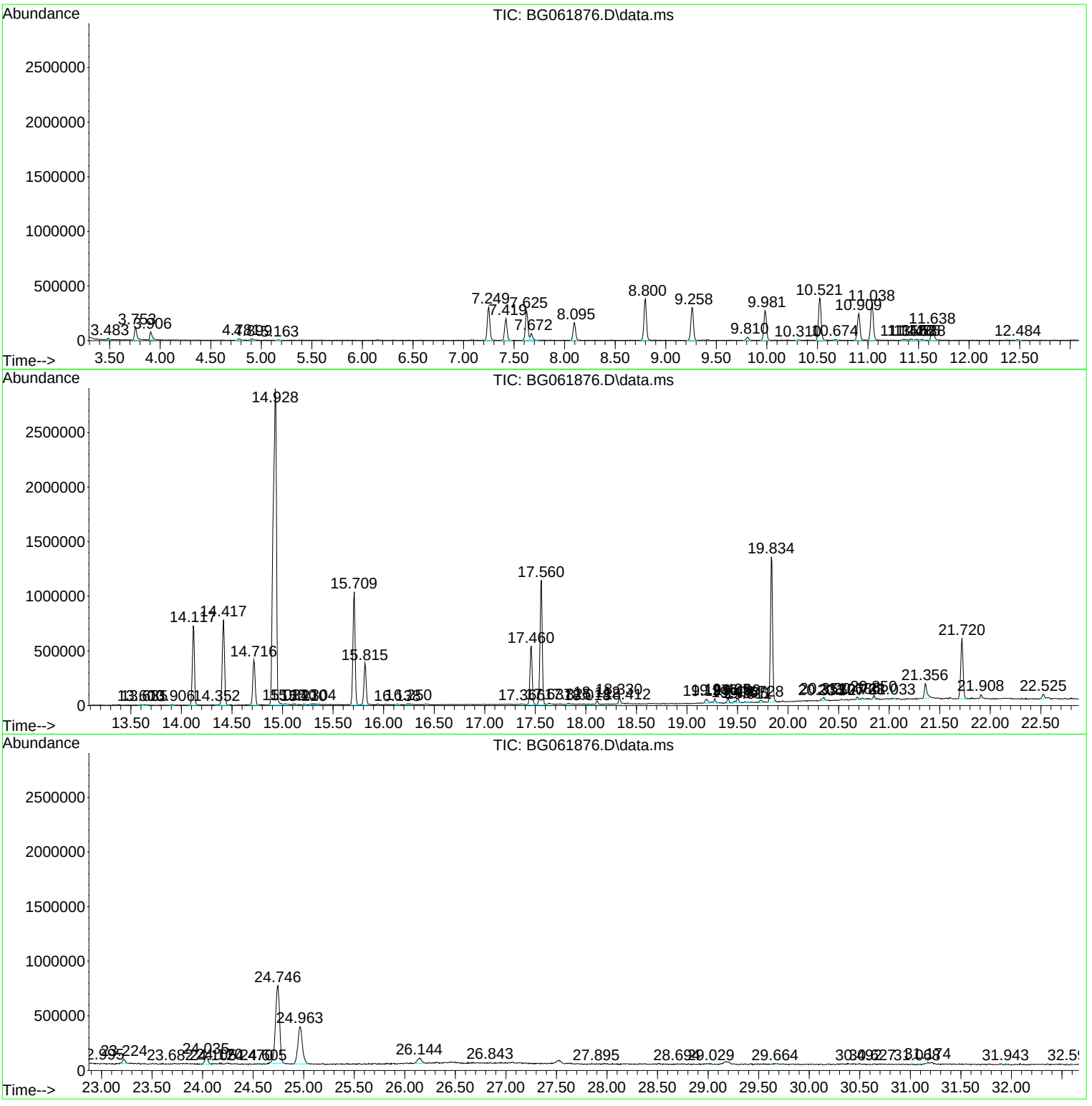
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0TB4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070324\
Data File : BG061876.D
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Quant Title : SVOA CALIBRATION

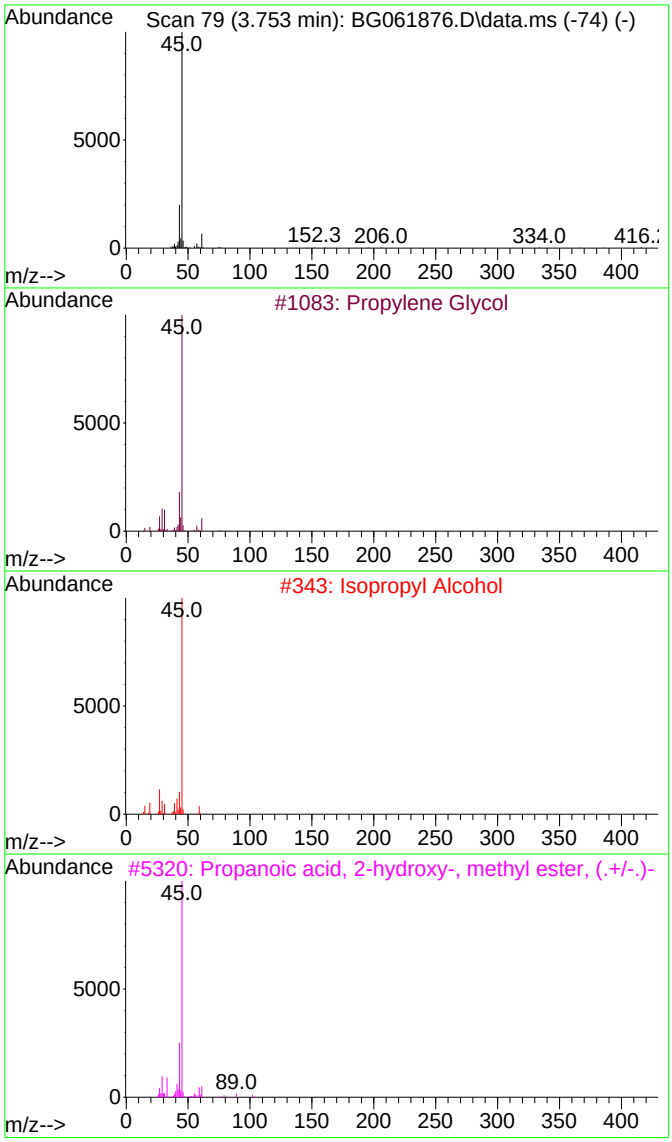
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

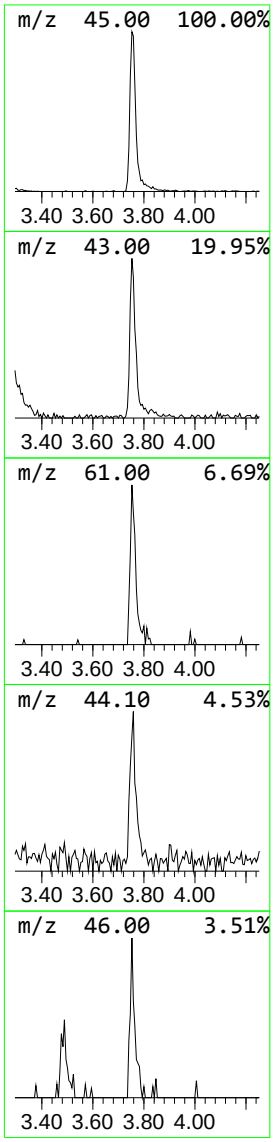
****

Peak Number 1 Propylene Glycol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.753	14.07 ng/ul	197637	1,4-Dichlorobenzene-d4	8.095

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	80
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	50
3	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40
4	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	9
5	Hydrazine, (2-methoxyethyl)-	90	C3H10N2O	003044-15-3	9





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Data File : BG061876.D
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Sample : P3026-04
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Instrument :
BNA_G
ClientSampleId :
C0TB4

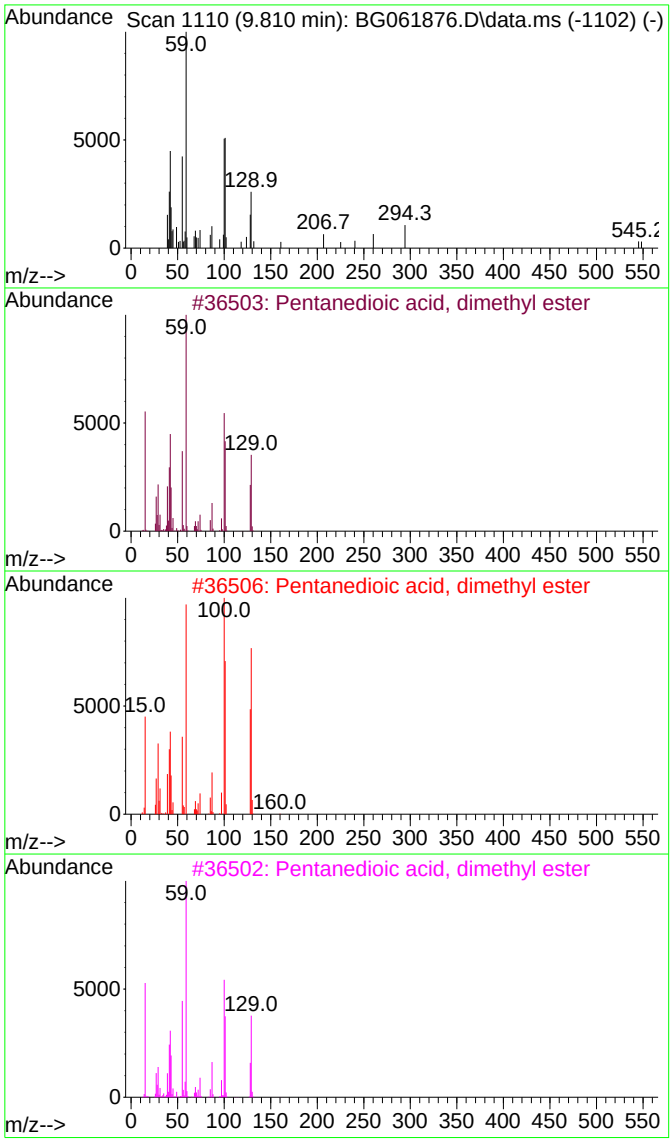
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

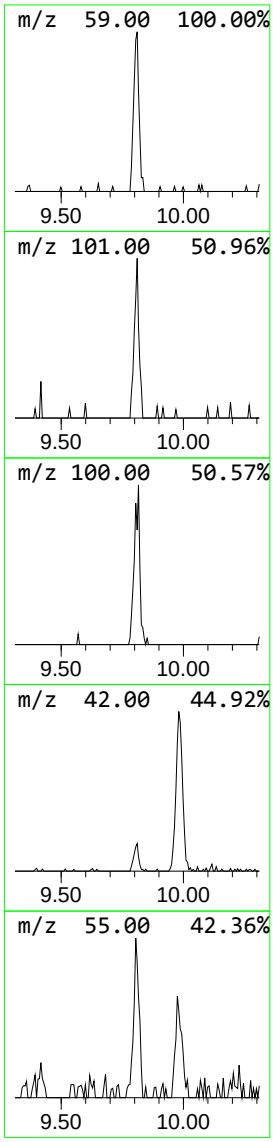
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentanedioic acid, dimethyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.810	2.27 ng/ul	50027	Naphthalene-d8	10.909

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	64
2	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	47
3	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	45
4	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	42
5	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	37





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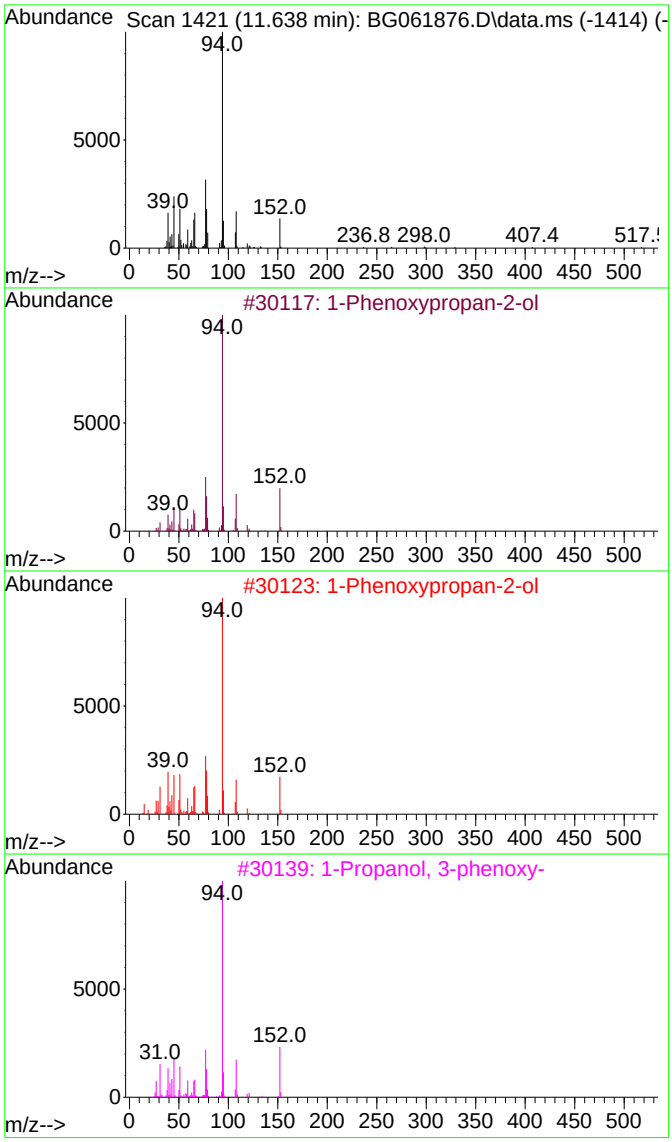
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

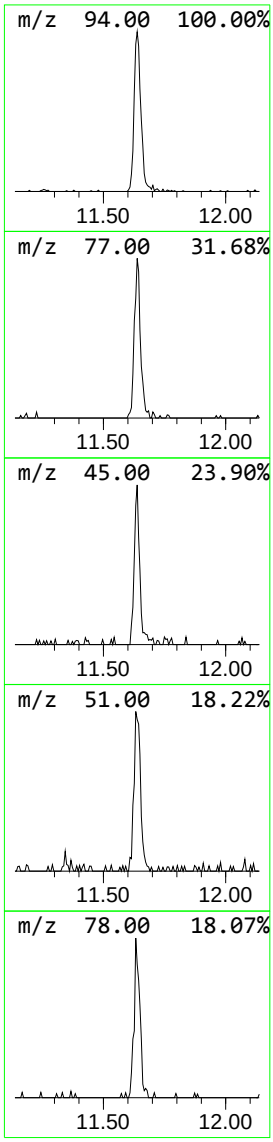
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Phenoxypropan-2-ol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.638	10.70 ng/ul	236328	Naphthalene-d8	10.909

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	95
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	93
3	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	91
4	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	91
5	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	90





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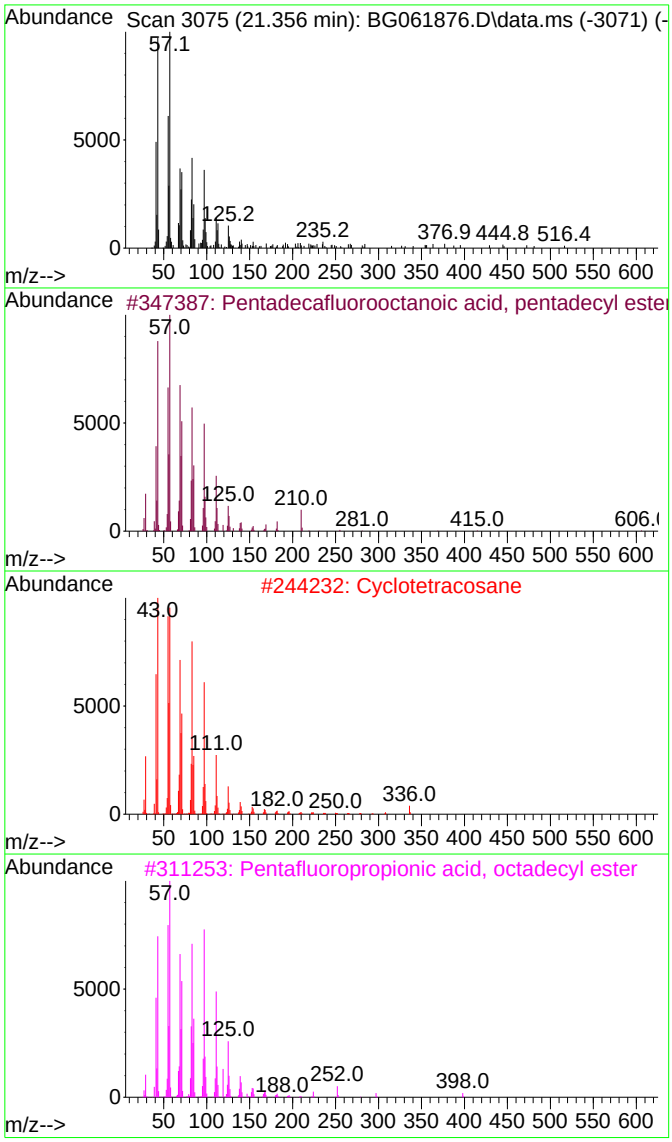
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

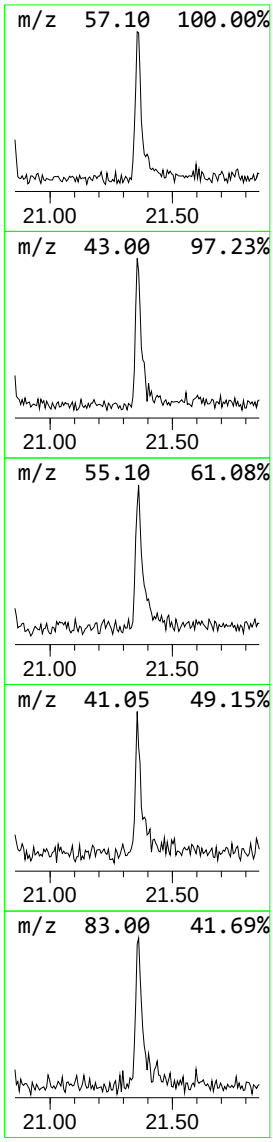
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentadecafluorooctanoic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.356	5.15 ng/ul	233354	Chrysene-d12	21.720

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, pe...	624	C23H31F15O2	1000406-04-5	81
2	Cyclotetracosane	336	C24H48	000297-03-0	81
3	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	74
4	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	74
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	74





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Sample : P3026-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0TB4

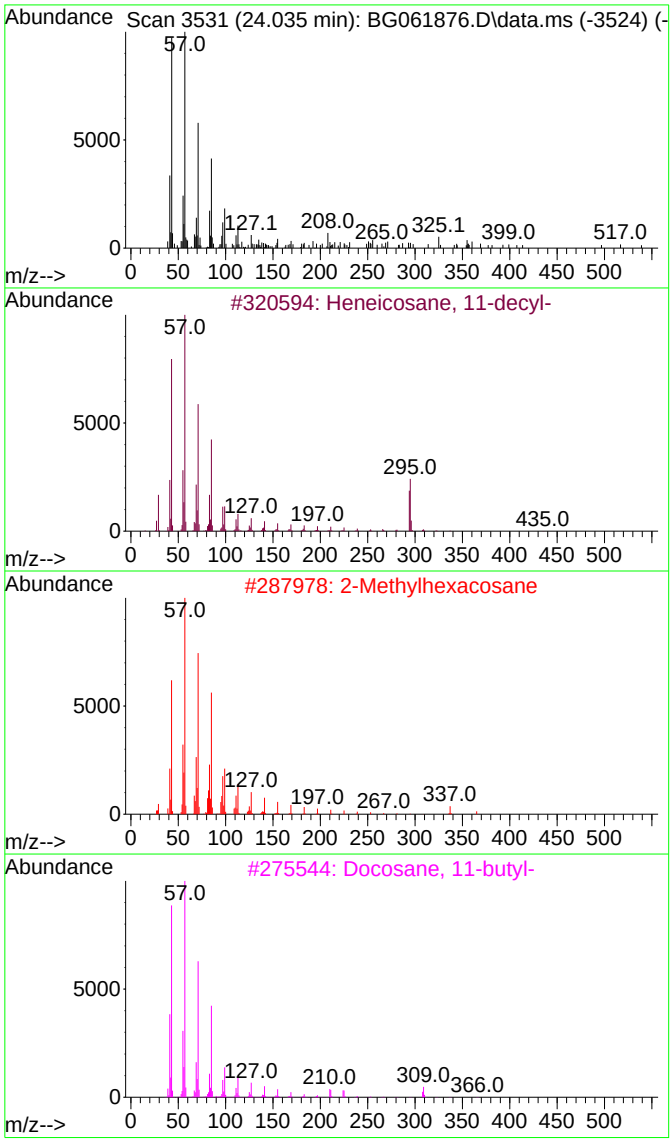
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

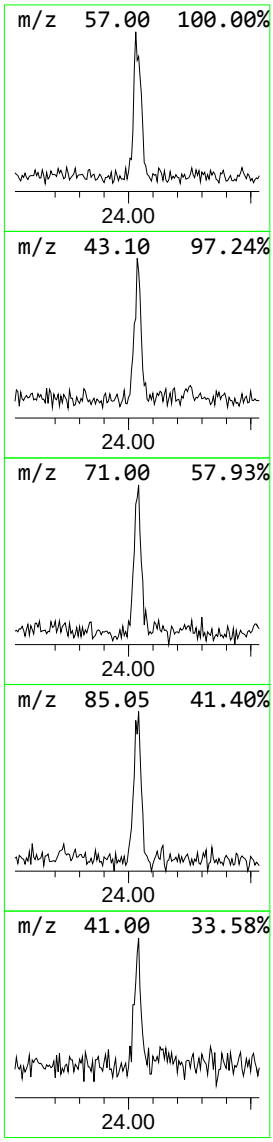
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.035	3.11 ng/ul	164936	Perylene-d12	24.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	68
2	2-Methylhexacosane	380	C27H56	001561-02-0	68
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	68
4	Hentriacontane	437	C31H64	000630-04-6	68
5	Triacontane	422	C30H62	000638-68-6	64





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0TB4

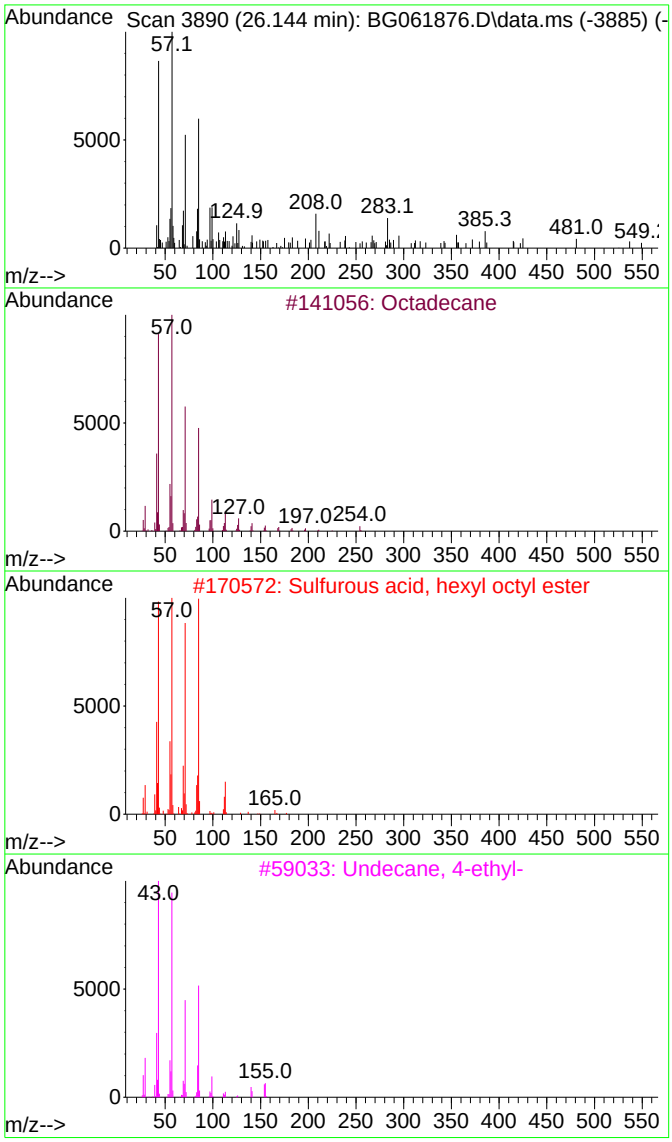
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

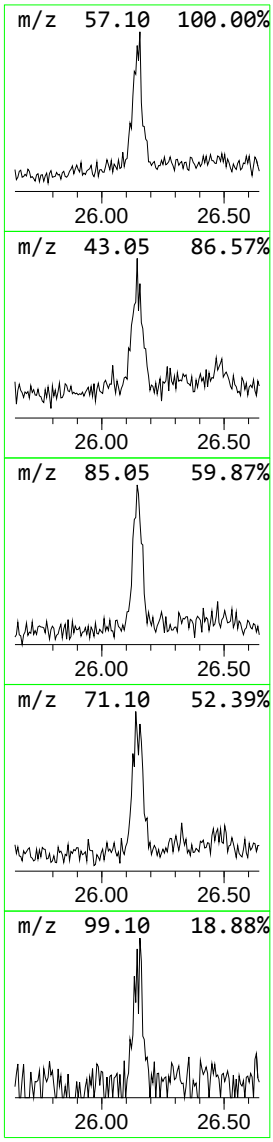
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.144	2.46 ng/ul	130437	Perylene-d12	24.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	58
2	Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	50
3	Undecane, 4-ethyl-	184	C13H28	017312-59-3	50
4	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	45
5	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070324\
Data File : BG061876.D
Acq On : 3 Jul 2024 23:04
Operator : MA/JU
Sample : P3026-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0TB4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.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
Propylene Glycol	3.753	14.1	ng/ul	197637	1	8.095	280975	20.0
Pentanedioic ac...	9.810	2.3	ng/ul	50027	2	10.909	441623	20.0
1-Phenoxypropan...	11.638	10.7	ng/ul	236328	2	10.909	441623	20.0
Pentadecafluoro...	21.356	5.2	ng/ul	233354	5	21.720	905774	20.0
(DEL) Alkane: S...	24.035	3.1	ng/ul	164936	6	24.963	1062220	20.0
(DEL) Alkane: S...	26.144	2.5	ng/ul	130437	6	24.963	1062220	20.0