LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062724\
Data File : BG061771.D
Acq On : 28 Jun 2024 14:10
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4CQ3

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-BG062024.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG061771.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.459	25	29	35	rVB2	23240	36849	1.94%	0.173%
2	3.512	35	38	41	rBV4	4033	4519	0.24%	0.021%
3	3.729	70	75	86	rBV2	80945	141608	7.47%	0.664%
4	3.876	96	100	117	rVB	238991	426421	22.49%	1.999%
5	3.988	117	119	122	rBV3	4446	5796	0.31%	0.027%
6	4.217	156	158	163	rVB3	7219	9704	0.51%	0.045%
7	4.540	210	213	217	rBV3	4144	5740	0.30%	0.027%
8	4.728	240	245	248	rBV4	4505	6363	0.34%	0.030%
9	4.775	251	253	257	rVV3	3486	4435	0.23%	0.021%
10	4.857	265	267	270	rVB4	3723	4214	0.22%	0.020%
11	5.045	297	299	306	rVB5	4424	7687	0.41%	0.036%
12	5.104	306	309	310	rBV2	4193	5184	0.27%	0.024%
13	5.133	310	314	323	rVB3	16489	33081	1.74%	0.155%
14	5.609	390	395	396	rBV3	4738	4755	0.25%	0.022%
15	6.120	474	482	488	rBV2	24348	43775	2.31%	0.205%
16	6.444	534	537	539	rBV	5411	4040	0.21%	0.019%
17	6.614	563	566	568	rVB4	4836	5339	0.28%	0.025%
18	6.820	596	601	603	rBV4	2514	4206	0.22%	0.020%
19	7.025	634	636	639	rBV2	5974	6694	0.35%	0.031%
20	7.207	660	667	676	rVB	398828	663457	34.98%	3.110%
21	7.384	688	697	705	rBV	276573	456141	24.05%	2.138%
22	7.489	713	715	717	rVB3	5380	4568	0.24%	0.021%
23	7.536	720	723	725	rVV4	3483	4148	0.22%	0.019%
24	7.583	725	731	737	rVV	362213	630337	33.24%	2.954%
25	7.636	737	740	750	rVV2	31816	59603	3.14%	0.279%
26	8.059	804	812	817	rBV	301944	501415	26.44%	2.350%
27	8.106	817	820	827	rVB4	15888	27836	1.47%	0.130%
28	8.218	835	839	842	rBV3	3053	3962	0.21%	0.019%
29	8.318	853	856	860	rVV3	3025	4507	0.24%	0.021%
30	8.424	870	874	877	rBV3	3163	6216	0.33%	0.029%
31	8.482	881	884	889	rVB2	3194	4798	0.25%	0.022%
32	8.758	923	931	939	rBV	442959	779531	41.10%	3.654%
33	9.223	1002	1010	1021	rBV	376401	656243	34.60%	3.076%
34	9.317	1023	1026	1029	rVB4	3202	4330	0.23%	0.020%
35	9.528	1060	1062	1064	rBV2	4579	4715	0.25%	0.022%
36	9.616	1076	1077	1082	rVB4	3758	4218	0.22%	0.020%

LSC Area Percent Report

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Sample : P2934-17
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ3

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-BG062024.MA.M
Title : SVOA CALIBRATION

37	9.775	1099	1104	1109	rVB	69347	105910	5.58%	0.496%
38	9.945	1126	1133	1142	rBV	319354	563253	29.70%	2.640%
39	10.086	1153	1157	1158	rBV2	4068	4905	0.26%	0.023%
40	10.157	1163	1169	1173	rVV5	7038	11925	0.63%	0.056%
41	10.268	1187	1188	1192	rVB3	4843	5281	0.28%	0.025%
42	10.339	1195	1200	1201	rBV4	3229	4518	0.24%	0.021%
43	10.480	1216	1224	1233	rBV	484218	831250	43.83%	3.896%
44	10.686	1256	1259	1260	rBV2	4343	4483	0.24%	0.021%
45	10.868	1282	1290	1298	rBV	431137	775148	40.87%	3.633%
46	10.997	1305	1312	1321	rBV	393877	723279	38.14%	3.390%
47	11.062	1321	1323	1327	rVV4	3503	4830	0.25%	0.023%
48	11.115	1330	1332	1341	rVB5	3458	6177	0.33%	0.029%
49	11.303	1362	1364	1367	rBV2	4069	5543	0.29%	0.026%
50	11.391	1375	1379	1387	rVB5	29280	44172	2.33%	0.207%
51	11.602	1409	1415	1424	rBV2	102021	180329	9.51%	0.845%
52	11.949	1471	1474	1478	rBV2	3821	6325	0.33%	0.030%
53	12.119	1497	1503	1505	rBV4	5519	11313	0.60%	0.053%
54	12.343	1537	1541	1545	rVB5	4933	8060	0.43%	0.038%
55	12.448	1554	1559	1565	rVB5	11439	21217	1.12%	0.099%
56	12.519	1569	1571	1575	rVB3	6813	8578	0.45%	0.040%
57	12.572	1575	1580	1581	rBV3	5303	4916	0.26%	0.023%
58	12.736	1605	1608	1611	rBV4	6636	6546	0.35%	0.031%
59	13.212	1685	1689	1694	rBV7	7208	11849	0.62%	0.056%
60	13.288	1698	1702	1704	rBV3	2976	4604	0.24%	0.022%
61	13.465	1729	1732	1733	rBV3	5248	4432	0.23%	0.021%
62	13.500	1736	1738	1745	rVB5	7683	12737	0.67%	0.060%
63	13.694	1769	1771	1774	rBV2	4336	4845	0.26%	0.023%
64	13.864	1799	1800	1805	rVB3	6995	5397	0.28%	0.025%
65	13.999	1821	1823	1826	rVV4	4415	5568	0.29%	0.026%
66	14.088	1831	1838	1846	rVV	757502	1120592	59.09%	5.252%
67	14.158	1848	1850	1855	rVB3	5804	7220	0.38%	0.034%
68	14.205	1855	1858	1859	rBV3	4441	4175	0.22%	0.020%
69	14.323	1873	1878	1881	rBV5	16287	25037	1.32%	0.117%
70	14.381	1881	1888	1896	rVV	850870	1352961	71.34%	6.341%
71	14.481	1904	1905	1911	rVB6	5637	6672	0.35%	0.031%
72	14.522	1911	1912	1915	rVB2	6153	4263	0.22%	0.020%
73	14.575	1915	1921	1926	rBV7	13461	20559	1.08%	0.096%
74	14.622	1928	1929	1932	rVV	6057	6245	0.33%	0.029%
75	14.687	1933	1940	1946	rVV	638128	991957	52.31%	4.649%
76	14.751	1947	1951	1955	rVV2	19881	31548	1.66%	0.148%

LSC Area Percent Report

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Acq On : 28 Jun 2024 14:10
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Sample : P2934-17
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ3

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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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Title : SVOA CALIBRATION

77	14.869	1964	1971	1983	rBV	354237	620771	32.73%	2.909%
78	14.992	1990	1992	1993	rBV2	5684	3950	0.21%	0.019%
79	15.033	1995	1999	2002	rVB6	5646	6936	0.37%	0.033%
80	15.086	2002	2008	2010	rBV5	16453	28010	1.48%	0.131%
81	15.292	2041	2043	2044	rBV2	5325	4908	0.26%	0.023%
82	15.462	2069	2072	2078	rBV6	9969	14676	0.77%	0.069%
83	15.504	2078	2079	2081	rBV2	5737	4351	0.23%	0.020%
84	15.592	2092	2094	2097	rBV4	4915	4229	0.22%	0.020%
85	15.680	2102	2109	2115	rVV	1039302	1587901	83.73%	7.442%
86	15.733	2115	2118	2122	rVV5	24637	32267	1.70%	0.151%
87	15.786	2122	2127	2136	rVB2	174158	253785	13.38%	1.189%
88	15.903	2144	2147	2149	rBV4	7975	9187	0.48%	0.043%
89	16.778	2295	2296	2299	rBV3	10369	12182	0.64%	0.057%
90	17.084	2344	2348	2351	rBV5	13167	22103	1.17%	0.104%
91	17.178	2362	2364	2368	rVB5	17150	18540	0.98%	0.087%
92	17.249	2374	2376	2383	rVB3	24134	25903	1.37%	0.121%
93	17.431	2401	2407	2411	rBV	750812	1150647	60.67%	5.393%
94	17.472	2411	2414	2418	rVV	273179	366865	19.34%	1.719%
95	17.531	2418	2424	2434	rVB2	1078532	1675395	88.34%	7.852%
96	18.312	2553	2557	2561	rBV3	193740	255552	13.48%	1.198%
97	19.475	2751	2755	2762	rVB	373938	537441	28.34%	2.519%
98	19.810	2807	2812	2816	rBV	1211359	1896450	100.00%	8.888%
99	21.338	3070	3072	3081	rVB3	250279	366358	19.32%	1.717%
100	21.690	3128	3132	3137	rVB2	591487	902599	47.59%	4.230%

Sum of corrected areas: 21336060

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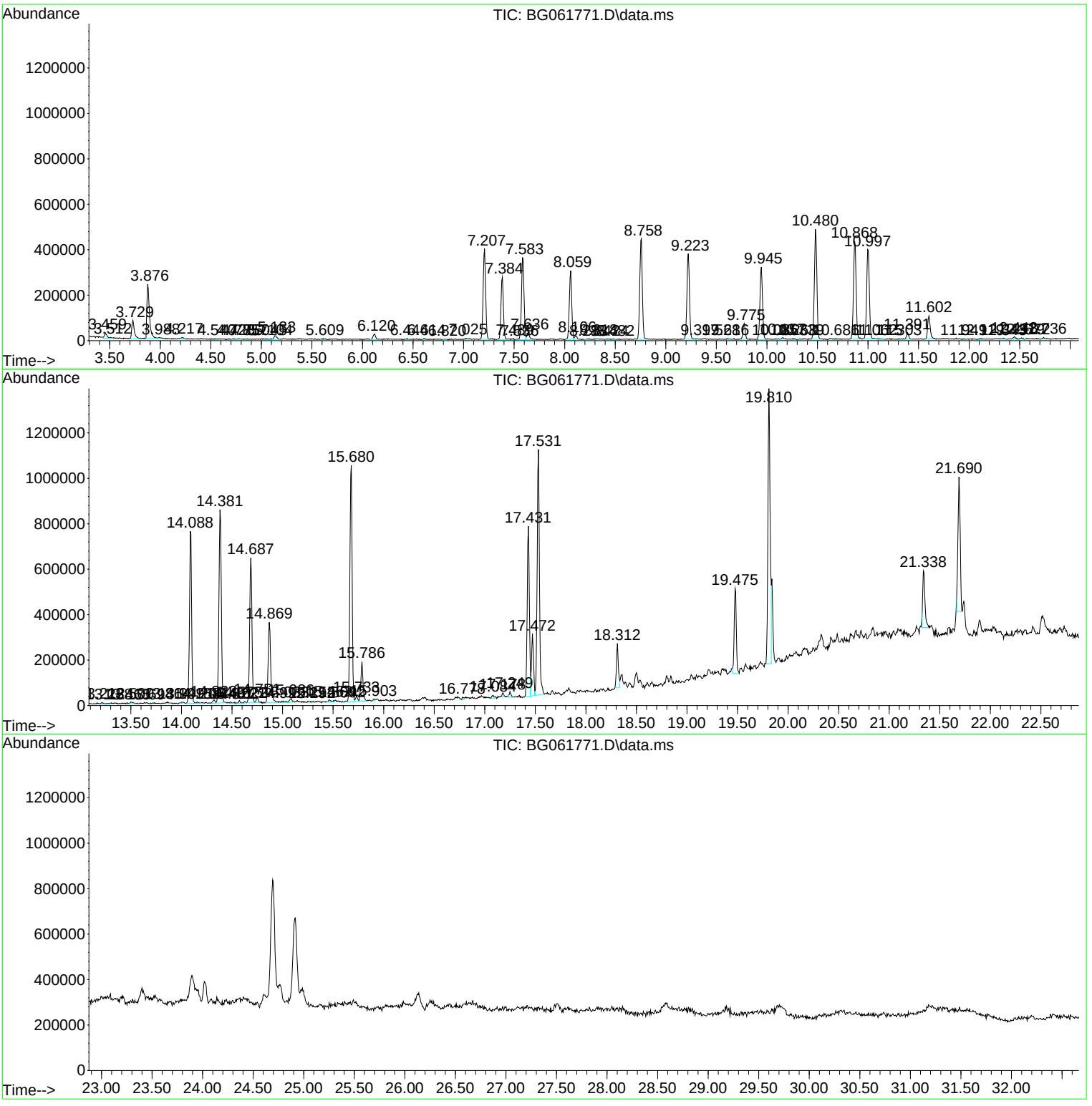
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.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\BG062724\
Data File : BG061771.D
Acq On : 28 Jun 2024 14:10
Operator : MA/JU
Sample : P2934-17
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ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ3

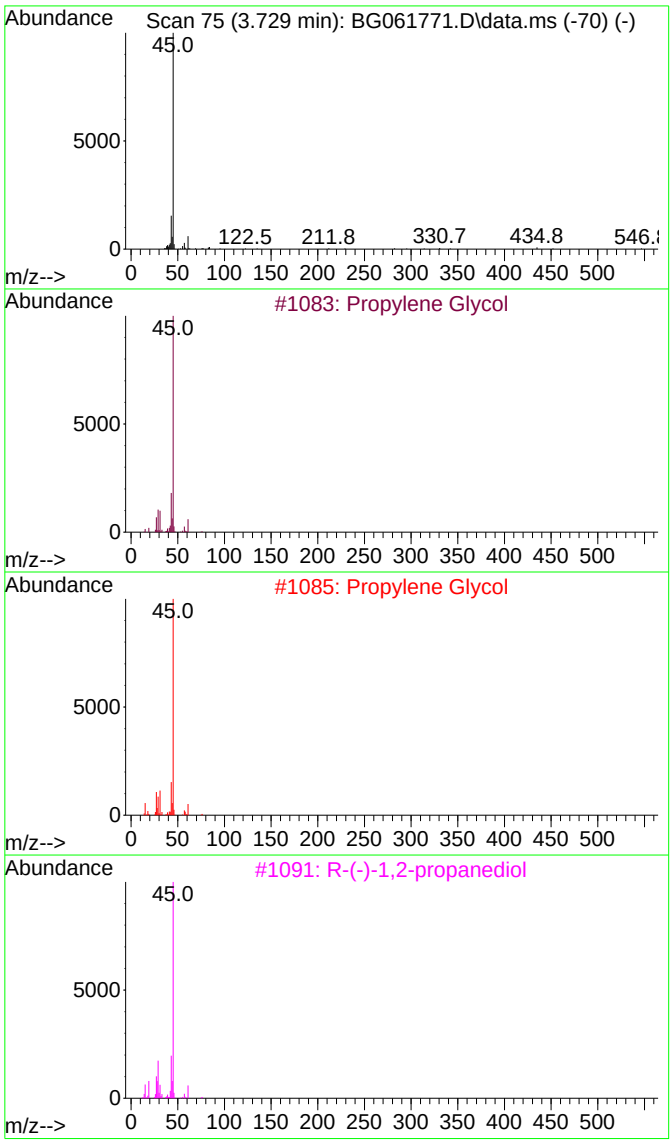
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

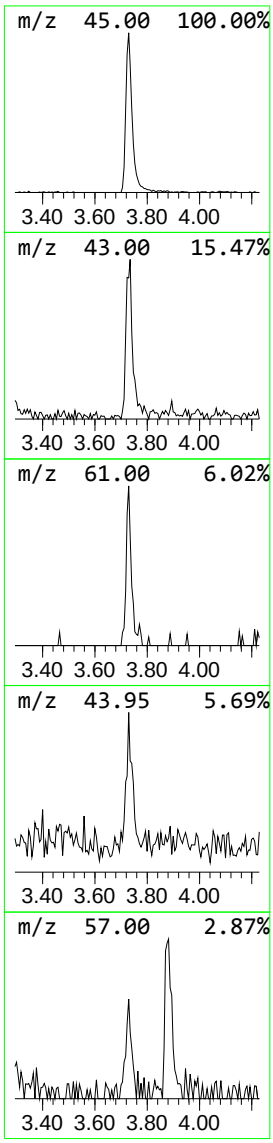
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Propylene Glycol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.729	5.65 ng/ul	141608	1,4-Dichlorobenzene-d4	8.059

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	64
2	Propylene Glycol	76	C3H8O2	000057-55-6	64
3	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	64
4	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	50
5	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	39





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062724\
Data File : BG061771.D
Acq On : 28 Jun 2024 14:10
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Sample : P2934-17
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ3

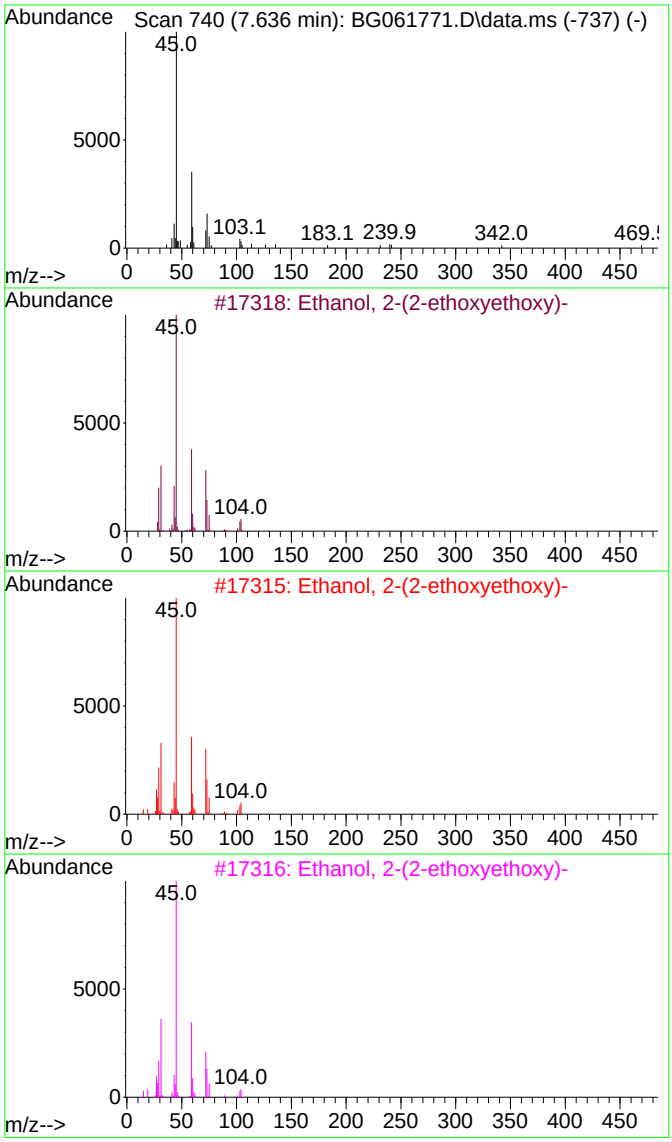
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

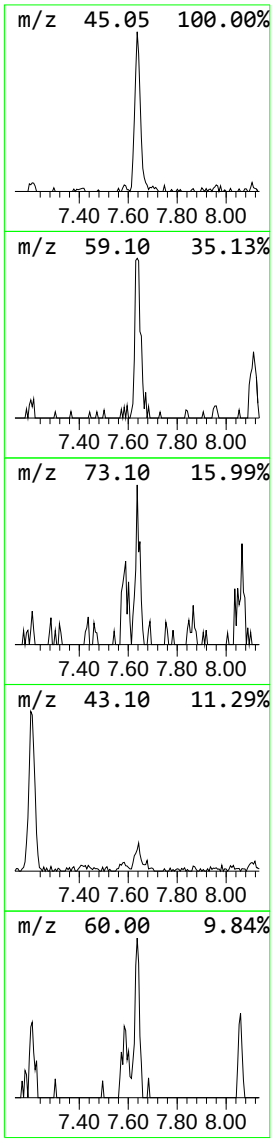
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.636	2.38 ng/ul	59603	1,4-Dichlorobenzene-d4	8.059

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	72
2	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	64
3	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	64
4	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	64
5	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062724\
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ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ3

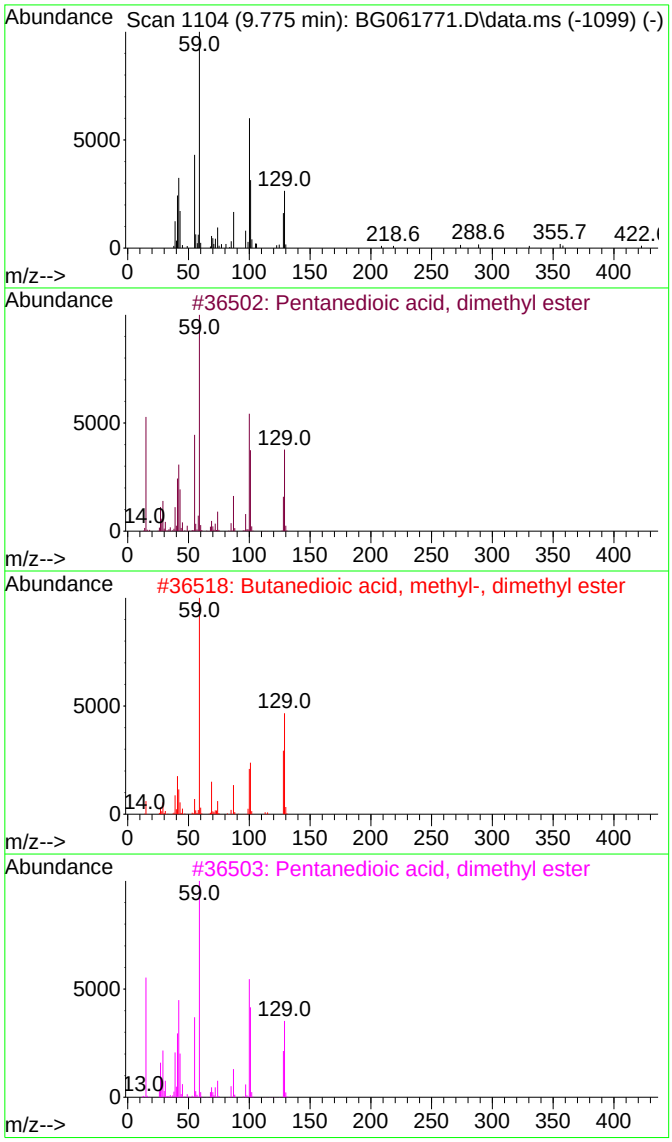
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

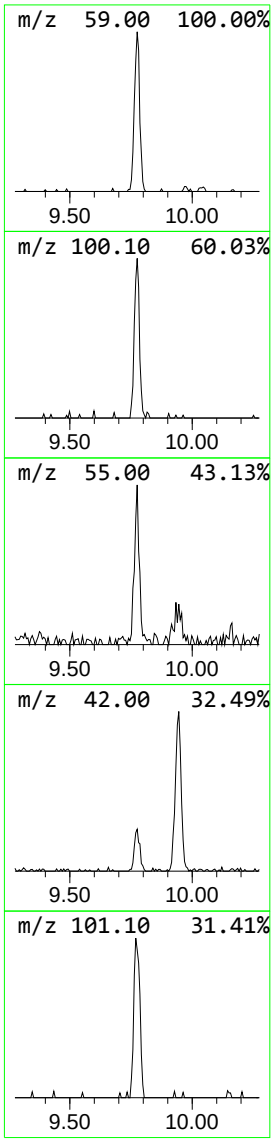
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentanedioic acid, dimethyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.775	2.73 ng/ul	105910	Naphthalene-d8	10.868

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	78
2	Butanedioic acid, methyl-, dimet...	160	C7H12O4	001604-11-1	59
3	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	50
4	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	40
5	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	38





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Sample : P2934-17
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ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ3

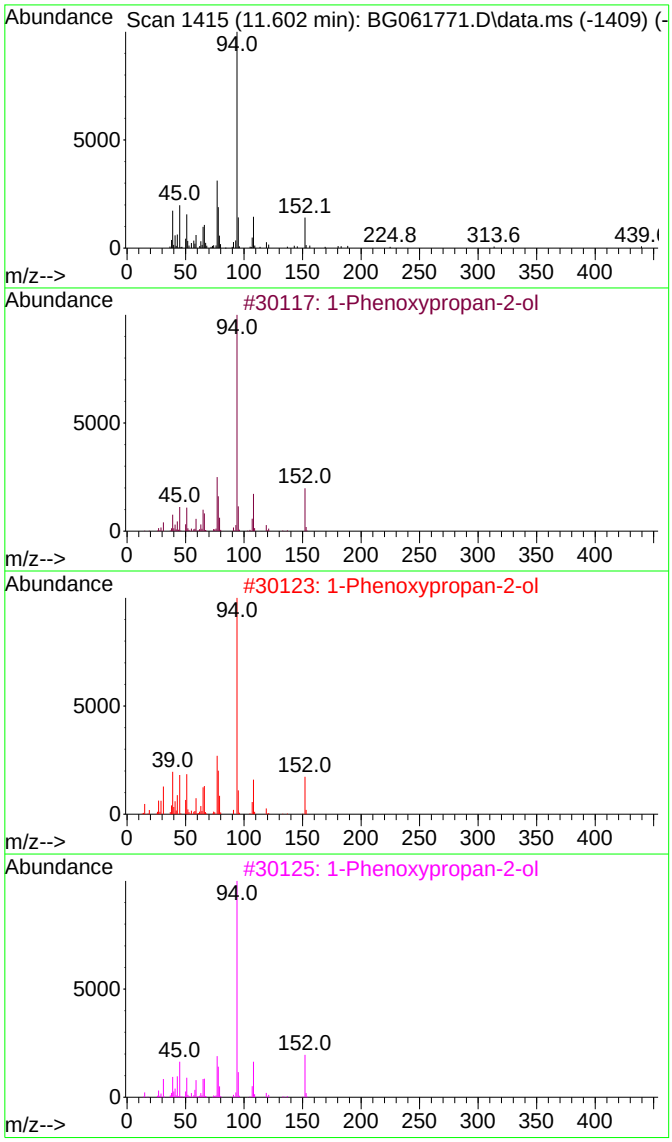
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

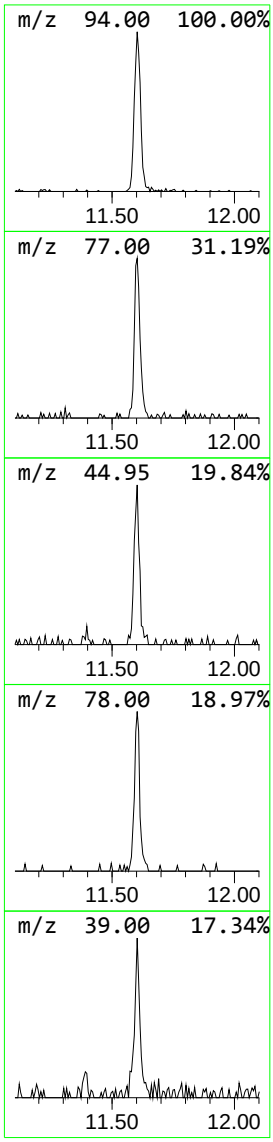
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Phenoxypropan-2-ol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.602	4.65 ng/ul	180329	Naphthalene-d8	10.868

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-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	81
4	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	81
5	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	59





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Data File : BG061771.D
Acq On : 28 Jun 2024 14:10
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ3

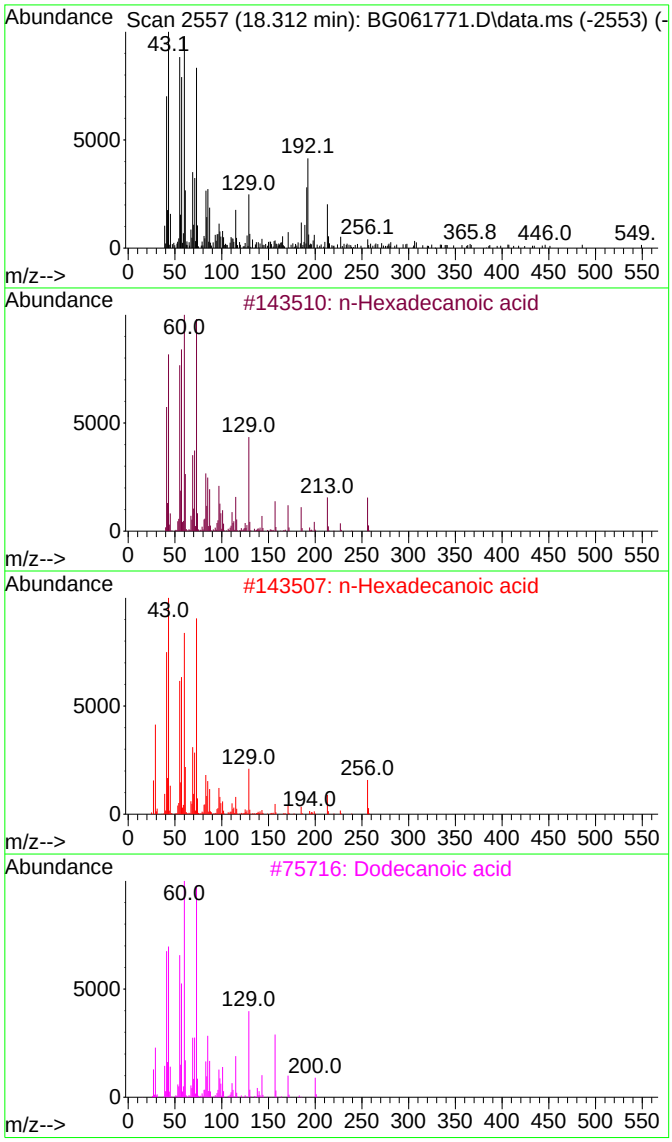
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

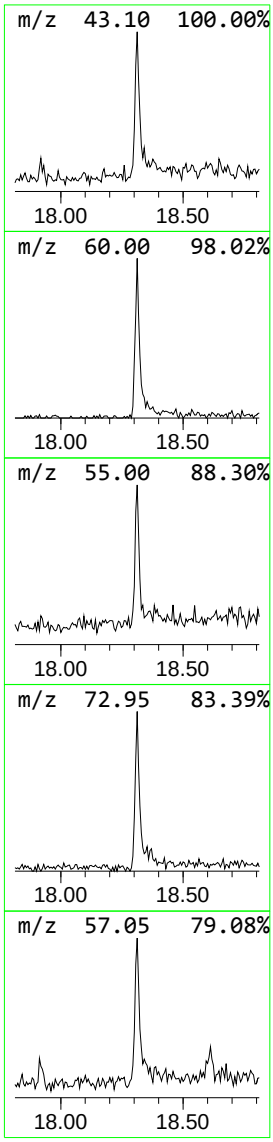
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.312	4.44 ng/ul	255552	Phenanthrene-d10	17.431

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	52
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49
3	Dodecanoic acid	200	C12H24O2	000143-07-7	47
4	Docosanoic acid	340	C22H44O2	000112-85-6	46
5	Nonanoic acid	158	C9H18O2	000112-05-0	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062724\
Data File : BG061771.D
Acq On : 28 Jun 2024 14:10
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ3

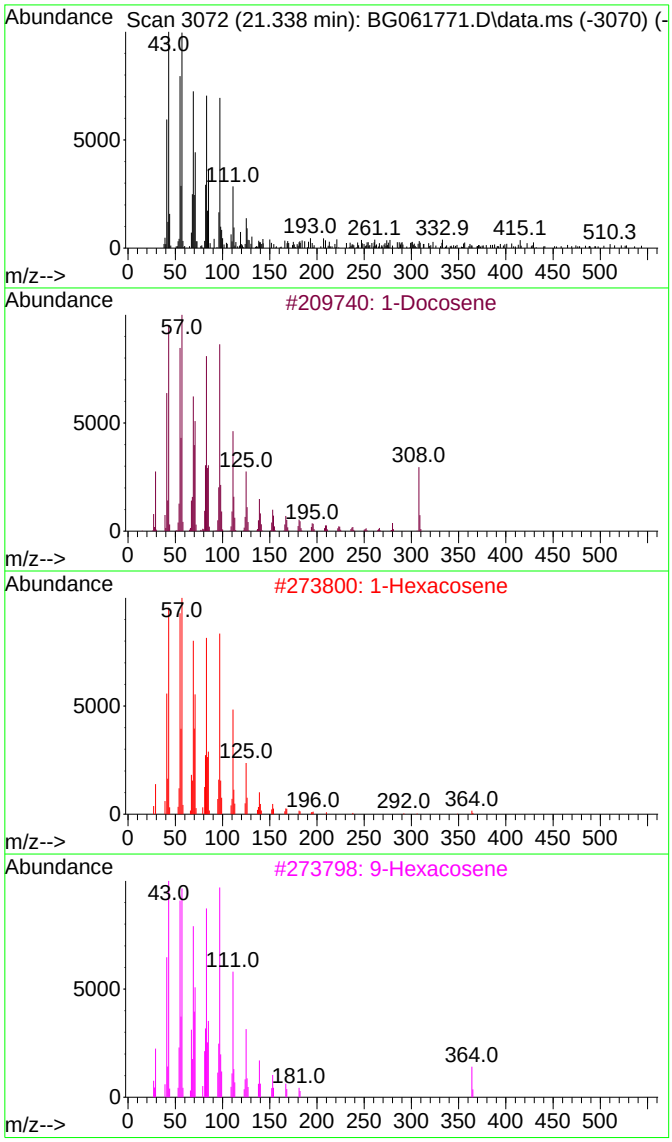
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

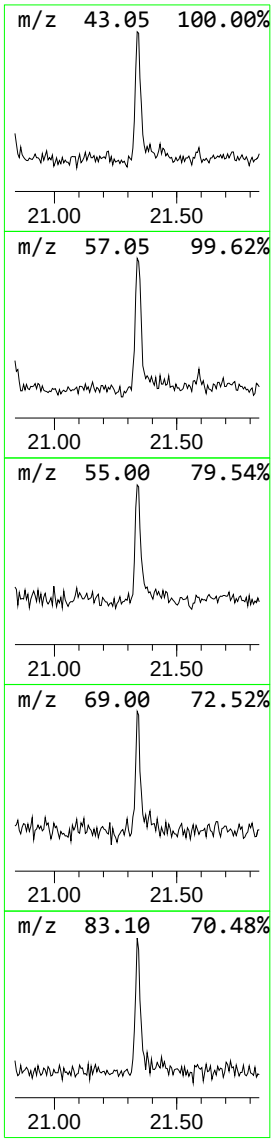
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.338	8.12 ng/ul	366358	Chrysene-d12	21.690

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	93
2	1-Hexacosene	364	C26H52	018835-33-1	86
3	9-Hexacosene	364	C26H52	071502-22-2	86
4	Nonacos-1-ene	406	C29H58	018835-35-3	86
5	1-Docosanethiol	342	C22H46S	007773-83-3	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062724\
Data File : BG061771.D
Acq On : 28 Jun 2024 14:10
Operator : MA/JU
Sample : P2934-17
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4CQ3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.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	3.729	5.7	ng/ul	141608	1	8.059	501415	20.0
Ethanol, 2-(2-e...	7.636	2.4	ng/ul	59603	1	8.059	501415	20.0
Pentanedioic ac...	9.775	2.7	ng/ul	105910	2	10.868	775148	20.0
1-Phenoxypropan...	11.602	4.7	ng/ul	180329	2	10.868	775148	20.0
n-Hexadecanoic ...	18.312	4.4	ng/ul	255552	4	17.431	1150650	20.0
(DEL) Alkane: S...	21.338	8.1	ng/ul	366358	5	21.690	902599	20.0