LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061718.D
Acq On : 26 Jun 2024 1:26
Operator : MA/JU
Sample : P2873-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0SK8

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: BG061718.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.464	27	30	35	rVB	20273	27720	1.00%	0.088%
2	3.734	70	76	87	rBV	55467	91328	3.28%	0.291%
3	3.887	98	102	114	rBV	136065	220474	7.92%	0.701%
4	4.069	132	133	139	rBV4	4489	4671	0.17%	0.015%
5	4.187	149	153	156	rBV4	2931	4276	0.15%	0.014%
6	4.228	156	160	164	rVV3	5643	7439	0.27%	0.024%
7	4.387	185	187	189	rVB3	5209	4351	0.16%	0.014%
8	4.410	189	191	193	rBV3	4116	4152	0.15%	0.013%
9	4.581	217	220	222	rBV2	5537	5760	0.21%	0.018%
10	4.763	245	251	259	rVB2	223771	354867	12.75%	1.129%
11	5.145	313	316	321	rVB2	12854	20124	0.72%	0.064%
12	5.391	355	358	364	rVB4	6058	7223	0.26%	0.023%
13	5.562	382	387	390	rBV3	7574	10628	0.38%	0.034%
14	5.697	405	410	412	rBV3	14656	22179	0.80%	0.071%
15	6.073	468	474	479	rVV2	15787	25929	0.93%	0.082%
16	6.132	479	484	489	rVB3	11685	19546	0.70%	0.062%
17	6.361	522	523	527	rBV	3255	4069	0.15%	0.013%
18	6.490	543	545	548	rBV3	3289	4006	0.14%	0.013%
19	6.637	564	570	571	rBV2	4636	6120	0.22%	0.019%
20	6.890	609	613	617	rBV4	3303	6358	0.23%	0.020%
21	7.025	630	636	639	rBV5	7768	13162	0.47%	0.042%
22	7.213	662	668	677	rBV	413126	697552	25.07%	2.219%
23	7.395	692	699	706	rBV	278934	456912	16.42%	1.454%
24	7.595	726	733	740	rBV	345666	590708	21.23%	1.879%
25	7.653	740	743	749	rVV3	15216	28743	1.03%	0.091%
26	7.712	750	753	761	rVB3	8575	16706	0.60%	0.053%
27	7.971	791	797	800	rBV3	5040	8914	0.32%	0.028%
28	8.071	806	814	821	rBV	235934	404609	14.54%	1.287%
29	8.123	821	823	827	rVV4	8863	9753	0.35%	0.031%
30	8.182	827	833	838	rVB4	6579	15629	0.56%	0.050%
31	8.223	838	840	842	rBV	4530	3882	0.14%	0.012%
32	8.447	871	878	883	rBV5	6227	15774	0.57%	0.050%
33	8.611	898	906	913	rBV3	21038	43847	1.58%	0.139%
34	8.764	925	932	942	rBV	519521	886449	31.86%	2.820%
35	8.964	964	966	970	rBV4	3537	4437	0.16%	0.014%
36	9.158	994	999	1000	rBV	4676	4149	0.15%	0.013%

LSC Area Percent Report

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Sample : P2873-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0SK8

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	9.181	1000	1003	1005	rVV3	4081	4769	0.17%	0.015%
38	9.240	1005	1013	1020	rVV	389486	695483	24.99%	2.213%
39	9.393	1035	1039	1043	rVB3	8613	11713	0.42%	0.037%
40	9.639	1078	1081	1082	rBV2	4961	4621	0.17%	0.015%
41	9.792	1101	1107	1113	rVB3	34351	50564	1.82%	0.161%
42	9.957	1128	1135	1146	rVB	350723	617584	22.19%	1.965%
43	10.039	1146	1149	1150	rBV	3546	4004	0.14%	0.013%
44	10.145	1165	1167	1168	rBV	5287	3914	0.14%	0.012%
45	10.368	1201	1205	1209	rBV4	2430	4612	0.17%	0.015%
46	10.497	1219	1227	1236	rVB	529340	944042	33.93%	3.003%
47	10.885	1285	1293	1297	rBV	380877	691096	24.84%	2.199%
48	10.932	1297	1301	1308	rVV	550616	973698	34.99%	3.098%
49	11.014	1308	1315	1330	rVB2	486957	922706	33.16%	2.936%
50	11.408	1378	1382	1387	rVB3	16061	25089	0.90%	0.080%
51	11.613	1412	1417	1424	rBV	62132	110199	3.96%	0.351%
52	12.354	1540	1543	1546	rBV3	3374	4276	0.15%	0.014%
53	12.424	1552	1555	1556	rBV2	4352	4126	0.15%	0.013%
54	12.460	1558	1561	1567	rVV5	11515	19563	0.70%	0.062%
55	12.530	1568	1573	1580	rVB	68069	115679	4.16%	0.368%
56	12.753	1604	1611	1616	rVB	42432	70888	2.55%	0.226%
57	13.159	1678	1680	1683	rVB2	4881	5682	0.20%	0.018%
58	13.200	1683	1687	1690	rBV3	3805	5445	0.20%	0.017%
59	13.535	1740	1744	1748	rVB5	6450	9011	0.32%	0.029%
60	13.658	1763	1765	1769	rBV3	5373	4881	0.18%	0.016%
61	13.823	1789	1793	1795	rBV4	3991	4361	0.16%	0.014%
62	13.870	1797	1801	1805	rVB6	6251	10156	0.36%	0.032%
63	14.105	1833	1841	1849	rVB	1060244	1518963	54.59%	4.833%
64	14.334	1875	1880	1883	rBV4	10448	18008	0.65%	0.057%
65	14.398	1884	1891	1899	rVB	1129275	1813426	65.17%	5.769%
66	14.545	1913	1916	1920	rBV4	3356	5597	0.20%	0.018%
67	14.639	1927	1932	1934	rBV4	4000	8152	0.29%	0.026%
68	14.698	1936	1942	1949	rVB	664826	1024276	36.81%	3.259%
69	14.769	1951	1954	1958	rVV6	3971	5706	0.21%	0.018%
70	14.874	1965	1972	1977	rBV	568076	909490	32.69%	2.894%
71	15.092	2006	2009	2017	rBV7	24346	40990	1.47%	0.130%
72	15.174	2020	2023	2029	rVB3	22787	36110	1.30%	0.115%
73	15.491	2073	2077	2079	rBV2	4758	6734	0.24%	0.021%
74	15.691	2104	2111	2117	rBV	1524092	2292410	82.39%	7.293%
75	15.791	2122	2128	2135	rBV	468841	712674	25.61%	2.267%
76	15.838	2135	2136	2143	rVB7	10404	11812	0.42%	0.038%

LSC Area Percent Report

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Misc :
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Instrument :
BNA_G
ClientSampleId :
C0SK8

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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Title : SVOA CALIBRATION

77	15.926	2147	2151	2154	rBV5	11713	16067	0.58%	0.051%
78	16.114	2181	2183	2186	rBV3	4775	5017	0.18%	0.016%
79	16.443	2237	2239	2241	rBV2	4794	4784	0.17%	0.015%
80	16.578	2261	2262	2266	rVB2	5872	4156	0.15%	0.013%
81	16.790	2296	2298	2302	rBV4	4479	6343	0.23%	0.020%
82	16.825	2302	2304	2308	rVV5	6255	7926	0.28%	0.025%
83	17.119	2352	2354	2356	rVB2	7897	5975	0.21%	0.019%
84	17.183	2363	2365	2366	rBV	7308	5976	0.21%	0.019%
85	17.442	2402	2409	2417	rBV	877854	1307180	46.98%	4.159%
86	17.542	2419	2426	2433	rVV	1636715	2547142	91.54%	8.104%
87	17.618	2433	2439	2444	rVV7	17552	30462	1.09%	0.097%
88	18.100	2519	2521	2525	rBV3	7928	10618	0.38%	0.034%
89	18.329	2554	2560	2570	rBV	461948	715216	25.70%	2.275%
90	18.987	2670	2672	2673	rBV2	7543	4377	0.16%	0.014%
91	19.393	2737	2741	2747	rVB6	25719	39682	1.43%	0.126%
92	19.457	2748	2752	2757	rBV5	27869	50044	1.80%	0.159%
93	19.598	2771	2776	2783	rBV	186404	277875	9.99%	0.884%
94	19.745	2799	2801	2804	rVB3	14350	12238	0.44%	0.039%
95	19.821	2808	2814	2820	rVV	1906387	2671090	95.99%	8.498%
96	21.355	3071	3075	3081	rBV2	292170	448535	16.12%	1.427%
97	21.702	3128	3134	3142	rBV	756696	1283126	46.11%	4.082%
98	21.913	3168	3170	3176	rVB4	41986	52134	1.87%	0.166%
99	24.716	3636	3647	3659	rBV2	974056	2782548	100.00%	8.853%
100	24.927	3674	3683	3694	rBV2	480403	1368542	49.18%	4.354%

Sum of corrected areas: 31432009

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
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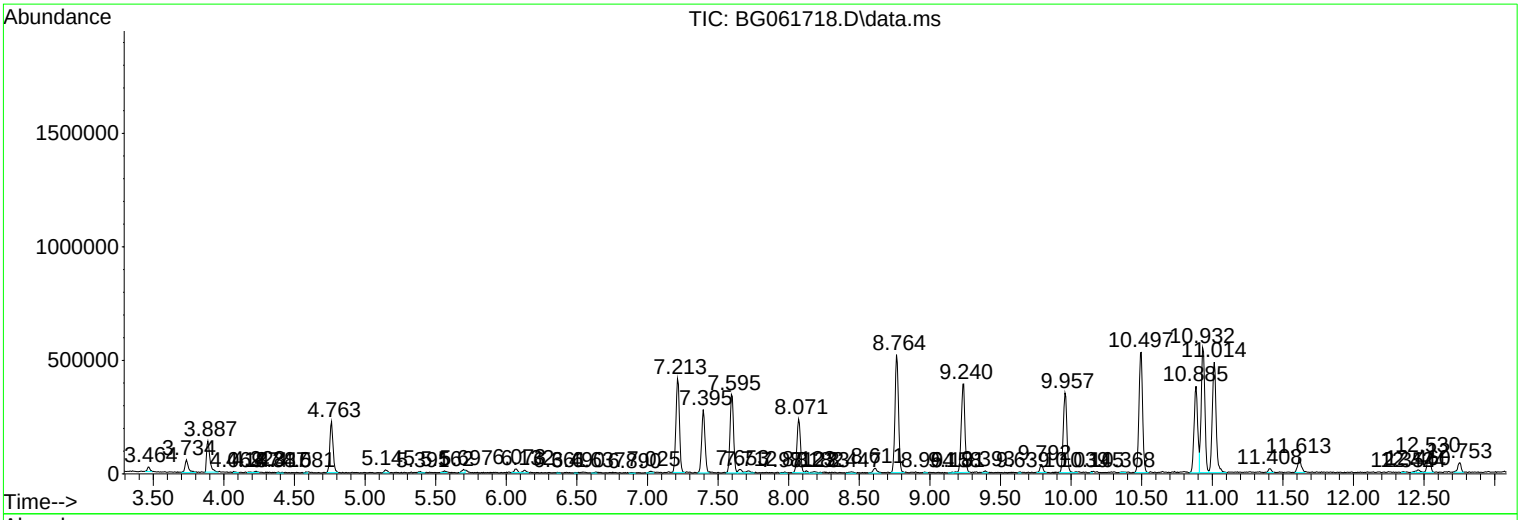
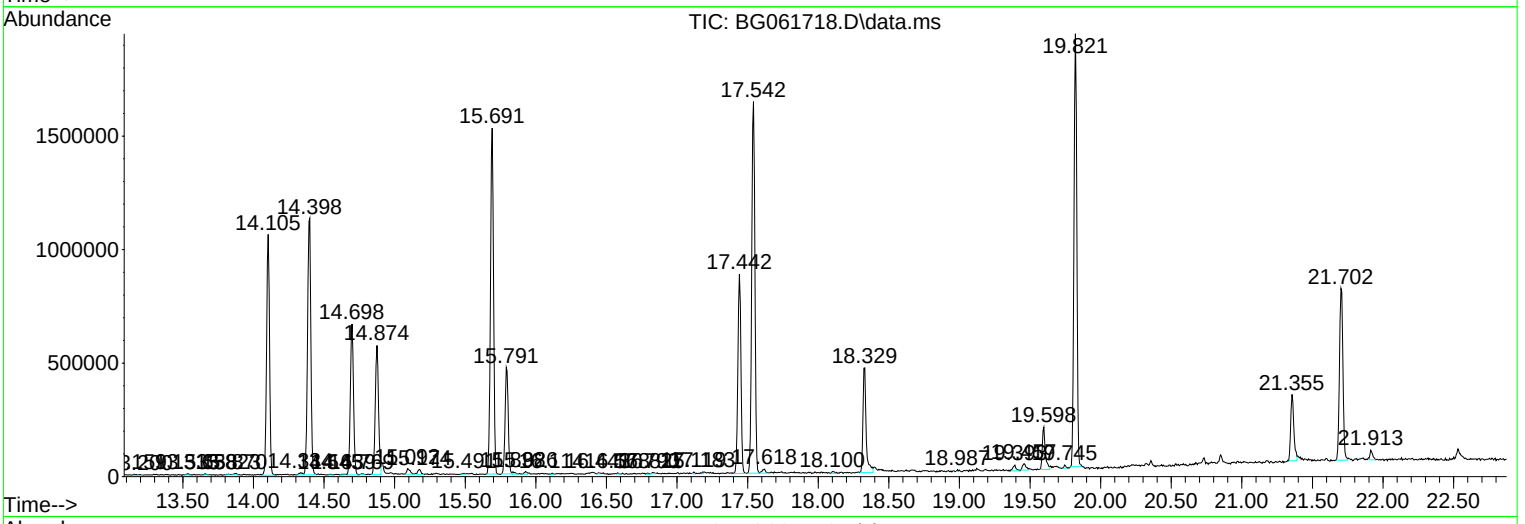
Sample : P2873-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

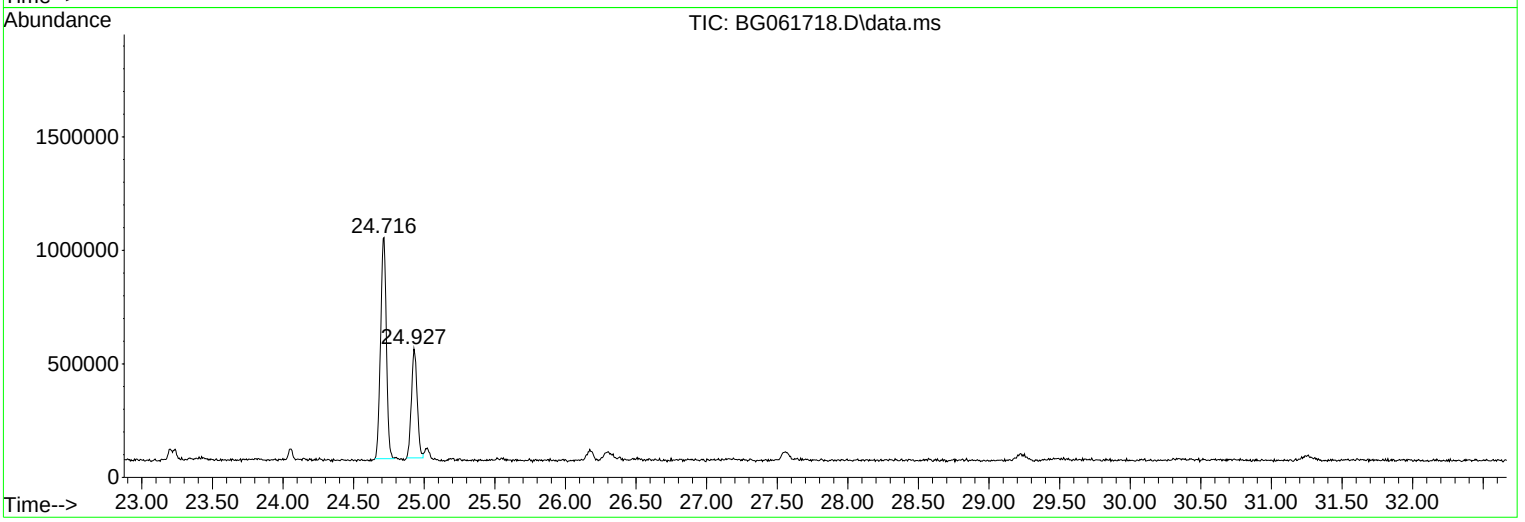
Instrument :
BNA_G
ClientSampleId :
C0SK8

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\BG062424\
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Acq On : 26 Jun 2024 1:26
Operator : MA/JU
Sample : P2873-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0SK8

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

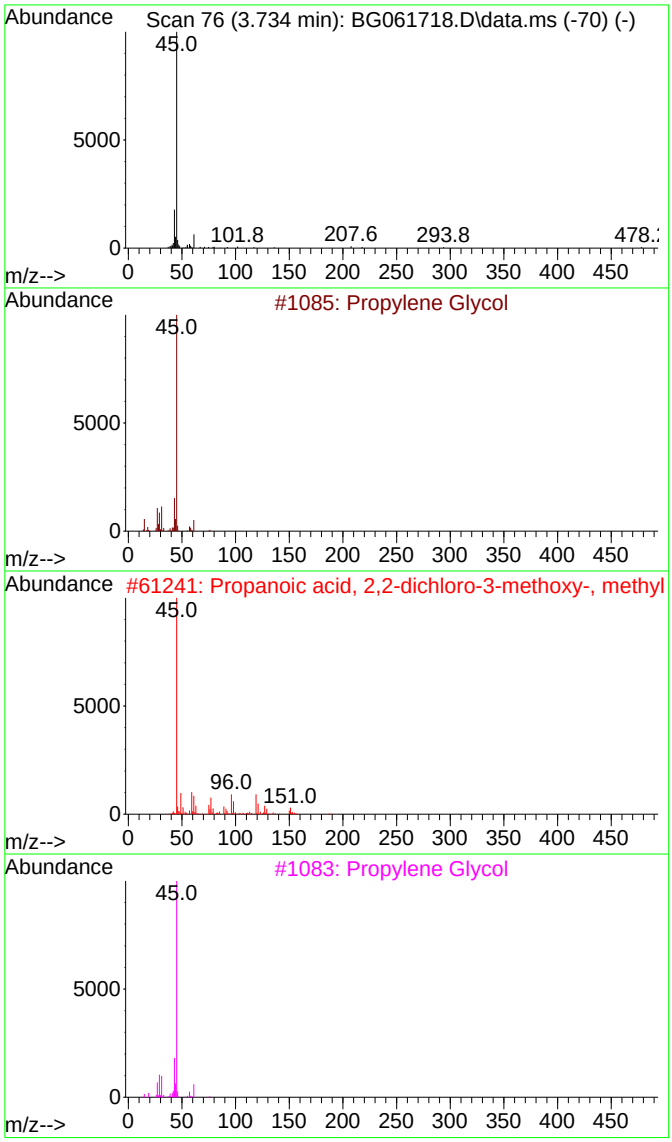
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

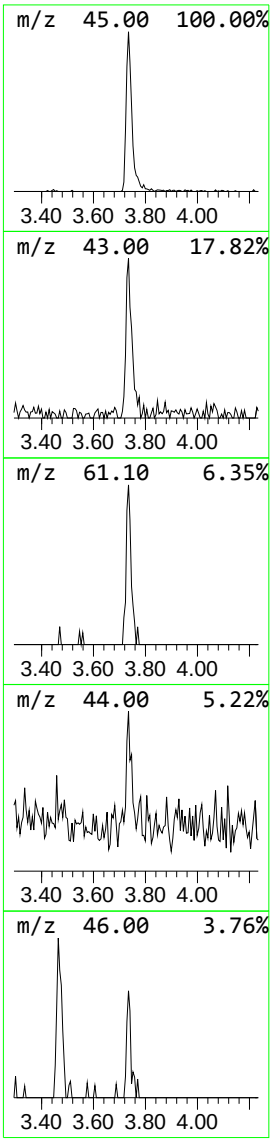
****

Peak Number 1 Propylene Glycol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.734	4.51 ng/ul	91328	1,4-Dichlorobenzene-d4	8.071

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	56
2	Propanoic acid, 2,2-dichloro-3-m...	186	C5H8Cl2O3	027579-25-5	40
3	Propylene Glycol	76	C3H8O2	000057-55-6	40
4	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	40
5	Pentane, 1-methoxy-	102	C6H14O	000628-80-8	9





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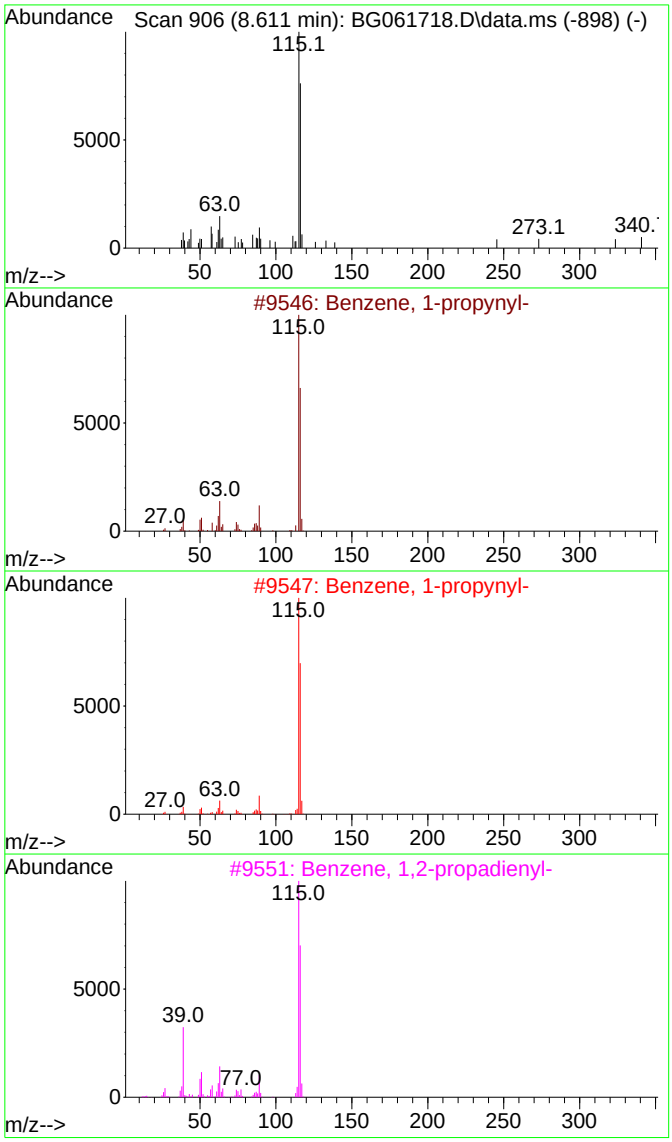
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

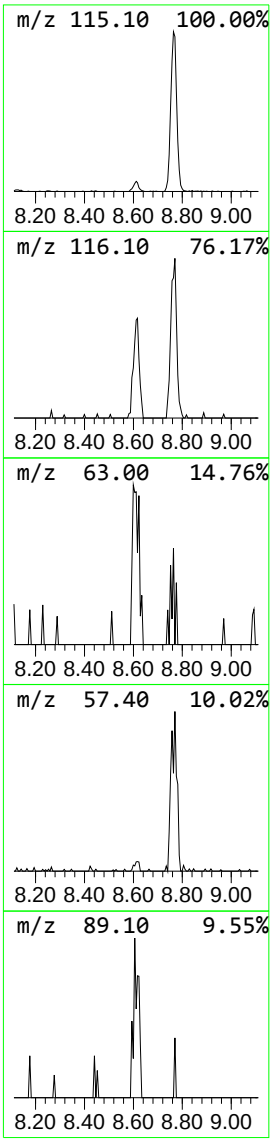
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-propynyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.611	2.17 ng/ul	43847	1,4-Dichlorobenzene-d4	8.071

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	87
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	80
3	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	80
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	80
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	74





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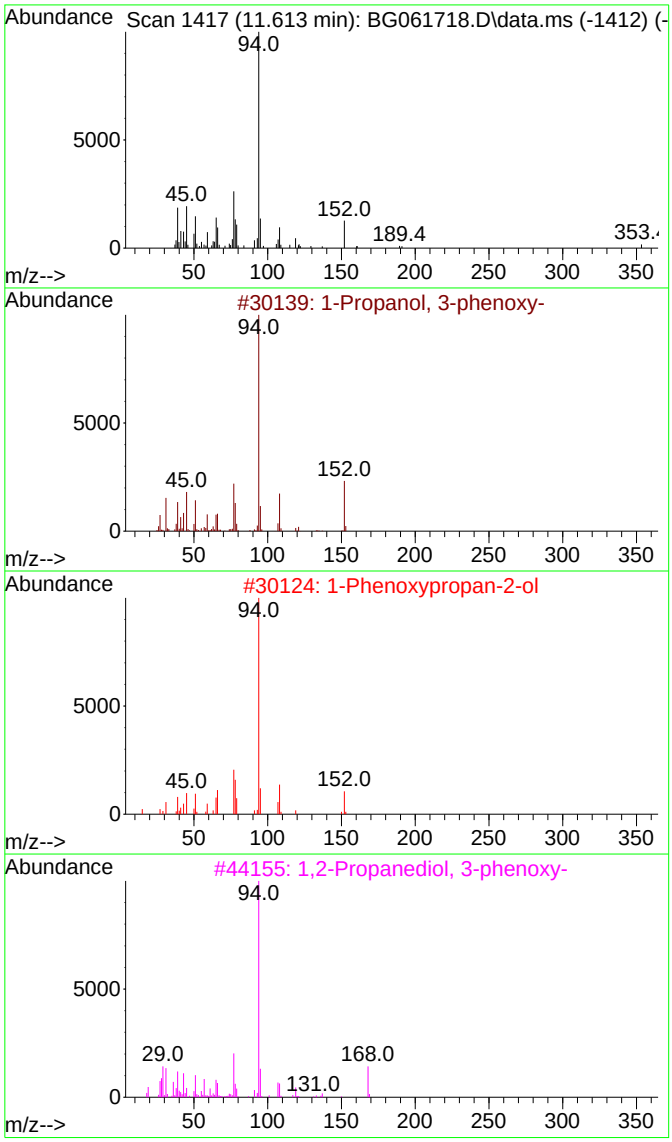
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

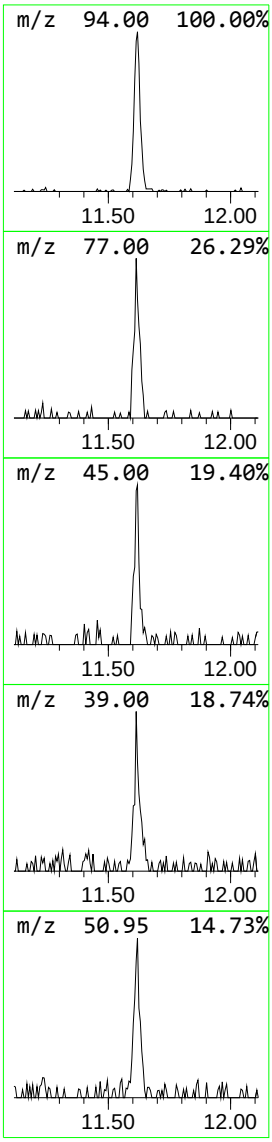
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Propanol, 3-phenoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.614	3.19 ng/ul	110199	Naphthalene-d8	10.885

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	90
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	74
3	1,2-Propanediol, 3-phenoxy-	168	C9H12O3	000538-43-2	59
4	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	53
5	Pentanenitrile, 5-phenoxy-	175	C11H13NO	016728-56-6	53





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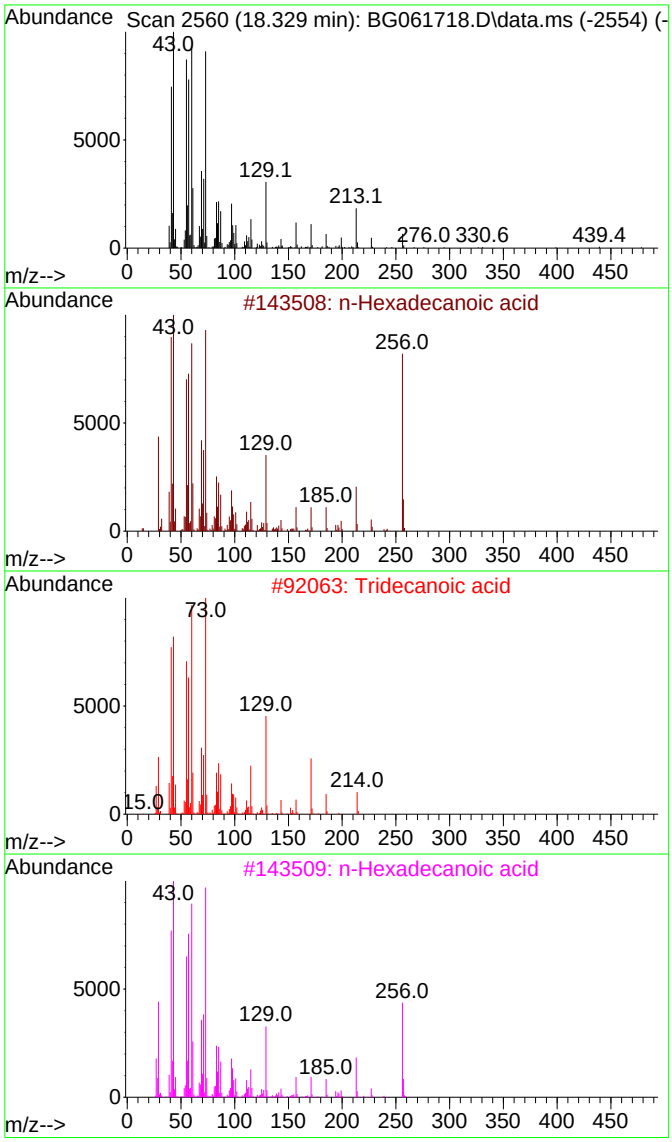
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

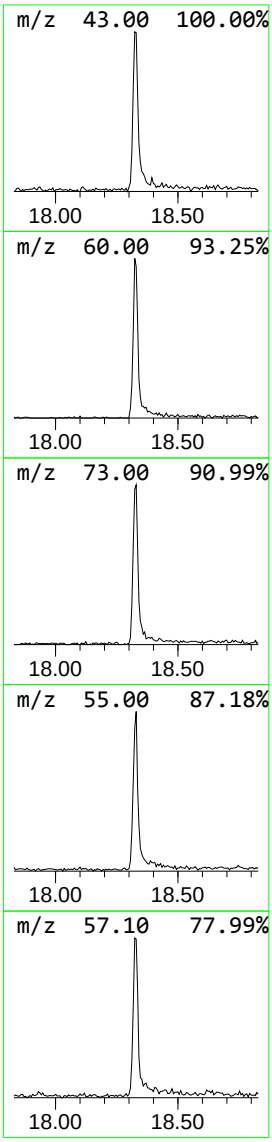
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.329	10.94 ng/ul	715216	Phenanthrene-d10	17.442

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061718.D
Acq On : 26 Jun 2024 1:26
Operator : MA/JU
Sample : P2873-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

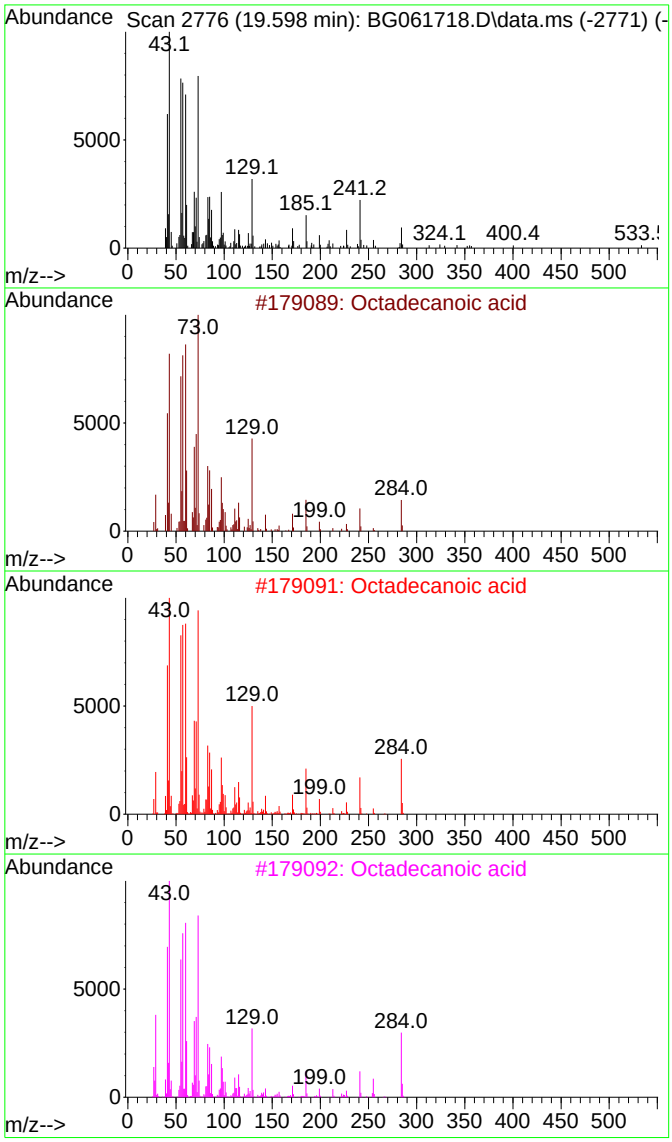
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

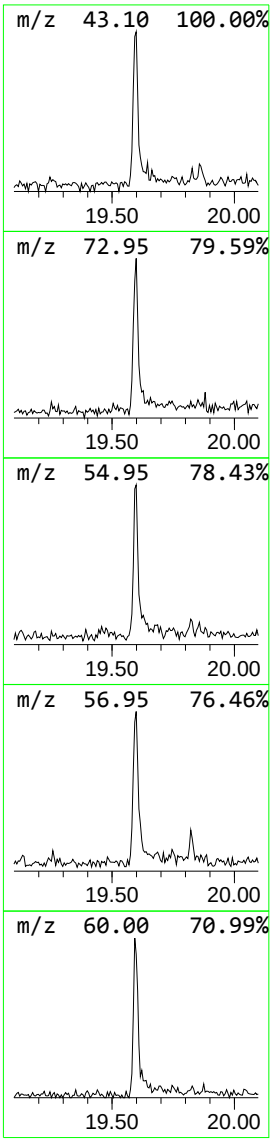
****

Peak Number 6 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.598	4.33 ng/ul	277875	Chrysene-d12	21.708

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	80
2	Octadecanoic acid	284	C18H36O2	000057-11-4	72
3	Octadecanoic acid	284	C18H36O2	000057-11-4	64
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061718.D
Acq On : 26 Jun 2024 1:26
Operator : MA/JU
Sample : P2873-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0SK8

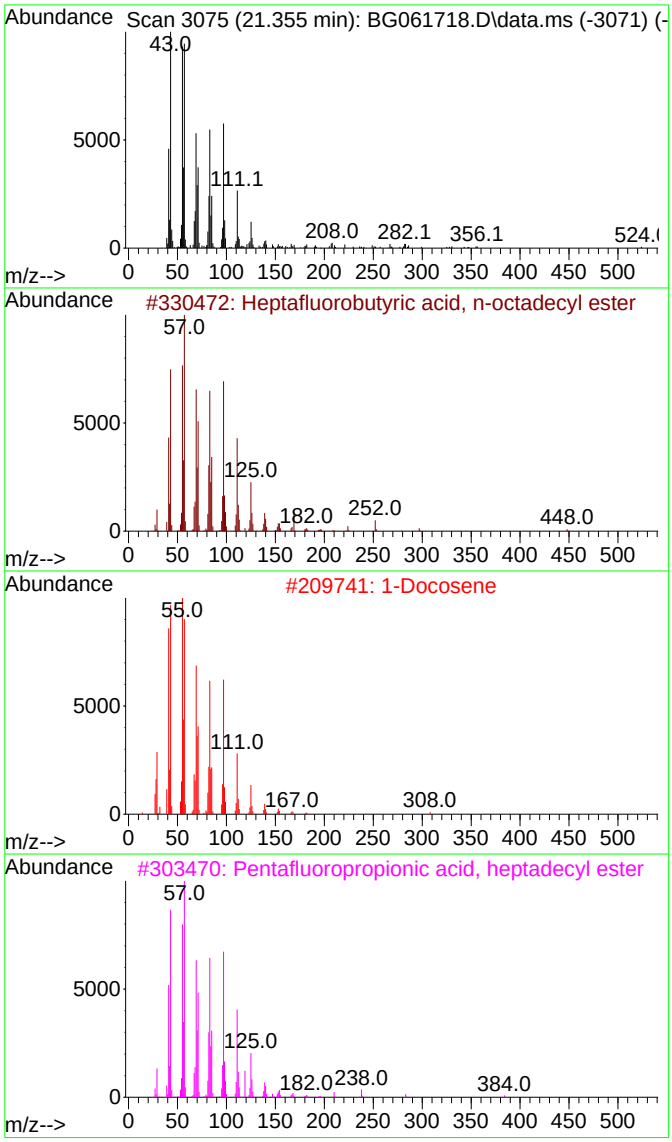
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

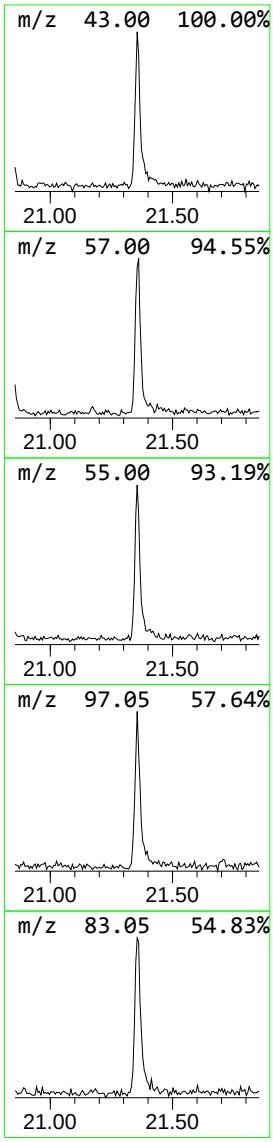
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Heptafluorobutyric acid, n-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.355	6.99 ng/ul	448535	Chrysene-d12	21.708

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
2	1-Docosene	308	C22H44	001599-67-3	87
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	87
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	83
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061718.D
Acq On : 26 Jun 2024 1:26
Operator : MA/JU
Sample : P2873-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0SK8

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	3.734	4.5	ng/ul	91328	1	8.071	404609	20.0
Benzene, 1-prop...	8.611	2.2	ng/ul	43847	1	8.071	404609	20.0
1-Propanol, 3-p...	11.614	3.2	ng/ul	110199	2	10.885	691096	20.0
n-Hexadecanoic ...	18.329	10.9	ng/ul	715216	4	17.442	1307180	20.0
Octadecanoic acid	19.598	4.3	ng/ul	277875	5	21.708	1283130	20.0
Heptafluorobuty...	21.355	7.0	ng/ul	448535	5	21.708	1283130	20.0