LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062075.D
Acq On : 15 Jul 2024 19:23
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BW9

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: BG062075.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.441	21	26	30	rBV4	9091	15779	1.24%	0.114%
2	3.518	38	39	43	rBV2	2118	2648	0.21%	0.019%
3	3.718	68	73	85	rBV	31356	53388	4.21%	0.386%
4	3.870	96	99	106	rBV3	13599	24042	1.89%	0.174%
5	3.970	114	116	119	rBV3	6870	8055	0.63%	0.058%
6	4.105	135	139	142	rBV4	2709	4062	0.32%	0.029%
7	4.199	152	155	156	rVV3	4798	4622	0.36%	0.033%
8	4.493	201	205	209	rVB3	2421	3273	0.26%	0.024%
9	4.716	238	243	247	rVB3	3821	7565	0.60%	0.055%
10	4.763	247	251	256	rBV4	5730	11930	0.94%	0.086%
11	5.116	306	311	316	rBV	16278	27441	2.16%	0.198%
12	5.222	324	329	330	rBV3	4525	5824	0.46%	0.042%
13	5.339	346	349	351	rBV	2477	3165	0.25%	0.023%
14	5.486	372	374	377	rVB3	3422	2889	0.23%	0.021%
15	6.097	472	478	482	rBV5	7096	12394	0.98%	0.090%
16	6.250	500	504	505	rBV	2516	2544	0.20%	0.018%
17	6.732	581	586	587	rBV	2348	3547	0.28%	0.026%
18	6.826	599	602	605	rBV2	1788	2546	0.20%	0.018%
19	7.125	651	653	656	rVB2	3178	2540	0.20%	0.018%
20	7.219	661	669	680	rVB2	246142	453002	35.70%	3.273%
21	7.366	688	694	704	rVB	146811	238770	18.82%	1.725%
22	7.578	722	730	736	rBV3	235462	401576	31.65%	2.901%
23	7.625	736	738	745	rVB4	13313	23513	1.85%	0.170%
24	8.042	803	809	816	rBV	178097	300779	23.71%	2.173%
25	8.095	816	818	822	rVB3	5648	7399	0.58%	0.053%
26	8.154	825	828	831	rBV	2740	3556	0.28%	0.026%
27	8.218	838	839	842	rBV	3654	3805	0.30%	0.027%
28	8.353	859	862	865	rBV2	3302	4046	0.32%	0.029%
29	8.535	890	893	895	rVB3	4839	3738	0.29%	0.027%
30	8.641	906	911	914	rVB4	4033	7333	0.58%	0.053%
31	8.759	924	931	941	rBV	300984	506363	39.91%	3.658%
32	8.870	947	950	955	rVB4	6568	9303	0.73%	0.067%
33	9.141	994	996	1000	rVB4	2778	3869	0.30%	0.028%
34	9.211	1000	1008	1015	rBV	246221	432746	34.11%	3.127%
35	9.305	1021	1024	1026	rBV	3070	3229	0.25%	0.023%
36	9.352	1028	1032	1036	rBV3	5439	9827	0.77%	0.071%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062075.D
Acq On : 15 Jul 2024 19:23
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4BW9

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	9.581	1064	1071	1075	rBV7	7288	10498	0.83%	0.076%
38	9.663	1083	1085	1088	rBV2	3658	4127	0.33%	0.030%
39	9.758	1093	1101	1108	rBV2	28824	52909	4.17%	0.382%
40	9.934	1124	1131	1138	rBV	247602	412281	32.49%	2.979%
41	10.045	1147	1150	1154	rVB	3014	4168	0.33%	0.030%
42	10.128	1162	1164	1165	rBV	3838	3241	0.26%	0.023%
43	10.175	1167	1172	1178	rVB5	8325	16716	1.32%	0.121%
44	10.286	1187	1191	1193	rVB4	2202	3278	0.26%	0.024%
45	10.480	1215	1224	1235	rBV	330564	593080	46.74%	4.285%
46	10.615	1243	1247	1248	rBV4	4554	3655	0.29%	0.026%
47	10.809	1277	1280	1281	rBV2	2458	2812	0.22%	0.020%
48	10.856	1281	1288	1294	rVV	266122	465750	36.71%	3.365%
49	10.903	1294	1296	1303	rVV5	8663	13966	1.10%	0.101%
50	10.991	1303	1311	1320	rVB4	46758	91255	7.19%	0.659%
51	11.062	1320	1323	1325	rBV	2842	3567	0.28%	0.026%
52	11.320	1366	1367	1371	rVV	3047	3338	0.26%	0.024%
53	11.373	1371	1376	1382	rVB5	16083	28784	2.27%	0.208%
54	11.591	1406	1413	1419	rBV3	64632	117371	9.25%	0.848%
55	11.679	1427	1428	1433	rVB3	4547	4386	0.35%	0.032%
56	12.037	1487	1489	1491	rVB	3316	3144	0.25%	0.023%
57	12.067	1491	1494	1497	rBV3	5736	6951	0.55%	0.050%
58	12.190	1511	1515	1519	rBV2	4658	7928	0.62%	0.057%
59	12.249	1521	1525	1527	rVB3	4012	5933	0.47%	0.043%
60	12.325	1536	1538	1541	rVV3	4243	4613	0.36%	0.033%
61	12.390	1547	1549	1551	rBV2	2412	2531	0.20%	0.018%
62	12.425	1553	1555	1556	rBV2	5953	3862	0.30%	0.028%
63	12.513	1568	1570	1573	rVB2	4893	4193	0.33%	0.030%
64	12.701	1599	1602	1603	rBV3	2788	3042	0.24%	0.022%
65	12.824	1620	1623	1625	rVB3	4056	3026	0.24%	0.022%
66	13.024	1654	1657	1661	rBV2	3870	4839	0.38%	0.035%
67	13.095	1667	1669	1673	rVB5	3742	3096	0.24%	0.022%
68	13.283	1697	1701	1704	rVV5	4986	6080	0.48%	0.044%
69	13.330	1704	1709	1711	rVV5	5602	8373	0.66%	0.060%
70	13.353	1711	1713	1717	rVB4	5147	5695	0.45%	0.041%
71	13.430	1724	1726	1729	rBV4	5710	4833	0.38%	0.035%
72	13.559	1745	1748	1750	rVV3	5927	6956	0.55%	0.050%
73	13.582	1750	1752	1753	rVV2	3859	3330	0.26%	0.024%
74	13.594	1753	1754	1757	rVB3	9608	5918	0.47%	0.043%
75	13.723	1775	1776	1778	rBV2	3620	2920	0.23%	0.021%
76	13.823	1788	1793	1794	rBV3	14549	20536	1.62%	0.148%

LSC Area Percent Report

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Data File : BG062075.D
Acq On : 15 Jul 2024 19:23
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BW9

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-BG070224.MA.M
Title : SVOA CALIBRATION

77	14.076	1830	1836	1847	rVB	589979	852066	67.16%	6.156%
78	14.193	1853	1856	1857	rBV2	6909	7253	0.57%	0.052%
79	14.305	1872	1875	1878	rBV3	11276	13449	1.06%	0.097%
80	14.370	1880	1886	1898	rVB	614484	966663	76.19%	6.984%
81	14.505	1905	1909	1912	rBV4	11951	17797	1.40%	0.129%
82	14.628	1928	1930	1931	rBV2	4176	2694	0.21%	0.019%
83	14.675	1932	1938	1945	rVV	411534	634768	50.03%	4.586%
84	14.734	1945	1948	1954	rVB6	18629	31580	2.49%	0.228%
85	14.893	1963	1975	1985	rBV2	275685	647857	51.06%	4.681%
86	15.028	1995	1998	2003	rVB4	21468	29538	2.33%	0.213%
87	15.139	2011	2017	2021	rBV7	22243	45825	3.61%	0.331%
88	15.322	2046	2048	2051	rBV3	4875	5430	0.43%	0.039%
89	15.410	2057	2063	2069	rBV2	121723	227889	17.96%	1.646%
90	15.562	2087	2089	2090	rBV	6330	4319	0.34%	0.031%
91	15.668	2101	2107	2112	rBV	744795	1122376	88.46%	8.109%
92	15.786	2122	2127	2133	rBV2	228051	321029	25.30%	2.319%
93	16.467	2239	2243	2248	rBV7	24720	46353	3.65%	0.335%
94	17.419	2400	2405	2409	rBV	474732	736773	58.07%	5.323%
95	17.466	2409	2413	2417	rVV	153157	214954	16.94%	1.553%
96	17.519	2417	2422	2428	rVV	736958	1135003	89.46%	8.200%
97	18.483	2582	2586	2591	rBV5	80750	126445	9.97%	0.914%
98	19.470	2750	2754	2759	rVB	358266	468818	36.95%	3.387%
99	19.805	2806	2811	2815	rBV	758988	1268794	100.00%	9.167%
100	21.309	3064	3067	3072	rVB2	261343	349430	27.54%	2.525%

Sum of corrected areas: 13841192

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062075.D
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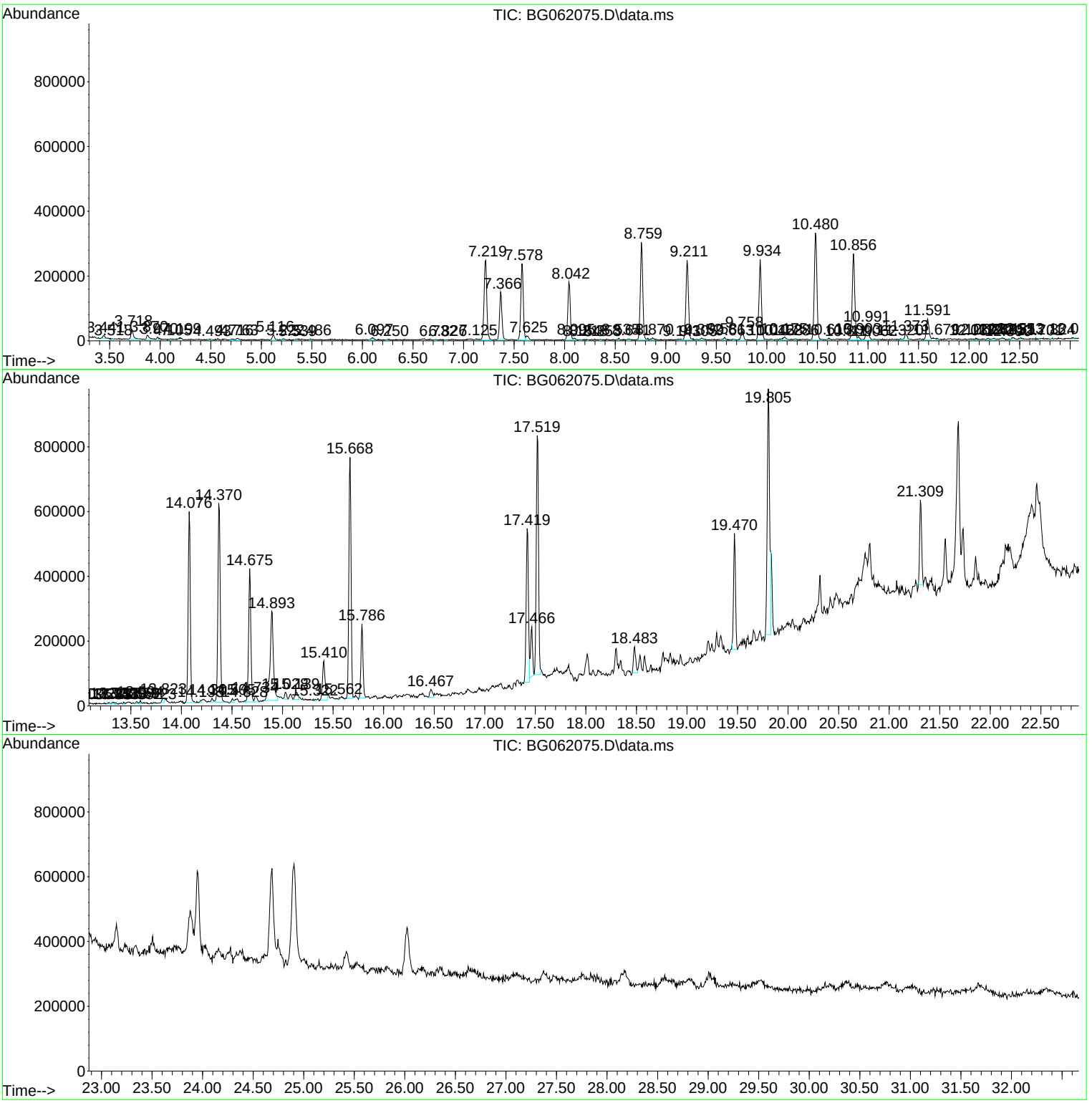
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BW9

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\BG071524\
Data File : BG062075.D
Acq On : 15 Jul 2024 19:23
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BW9

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

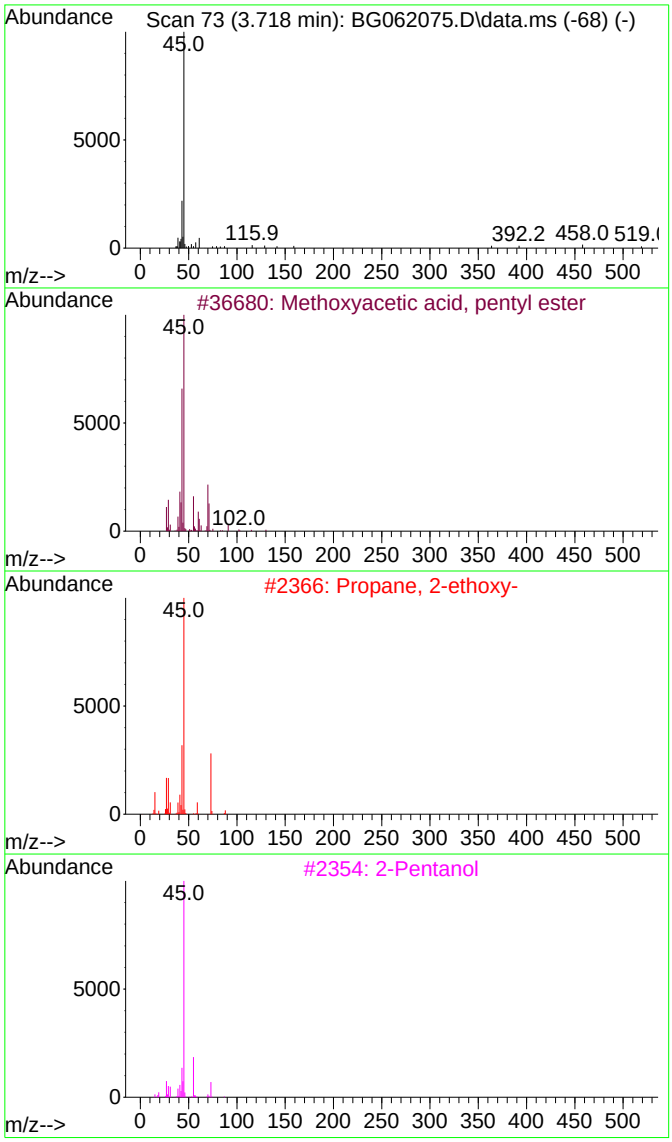
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

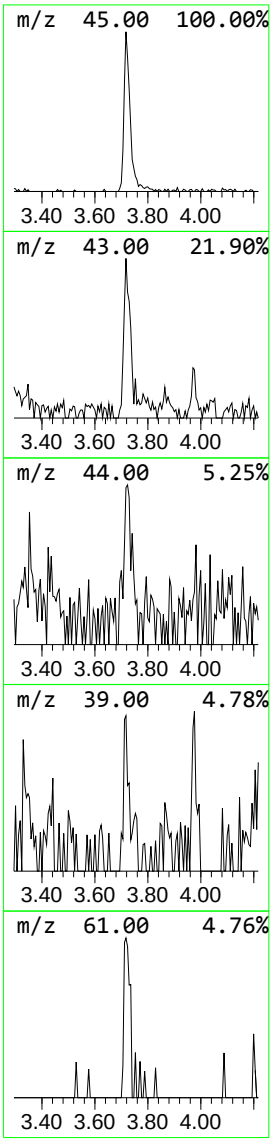
****

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.718	3.55 ng/ul	53388	1,4-Dichlorobenzene-d4	8.048

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyacetic acid, pentyl ester	160	C8H16O3	168920-35-2	39
2	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	9
3	2-Pentanol	88	C5H12O	006032-29-7	9
4	2-Heptanol, (S)-	116	C7H16O	006033-23-4	9
5	Methoxyacetic acid, 2-butyl ester	146	C7H14O3	070159-90-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062075.D
Acq On : 15 Jul 2024 19:23
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BW9

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

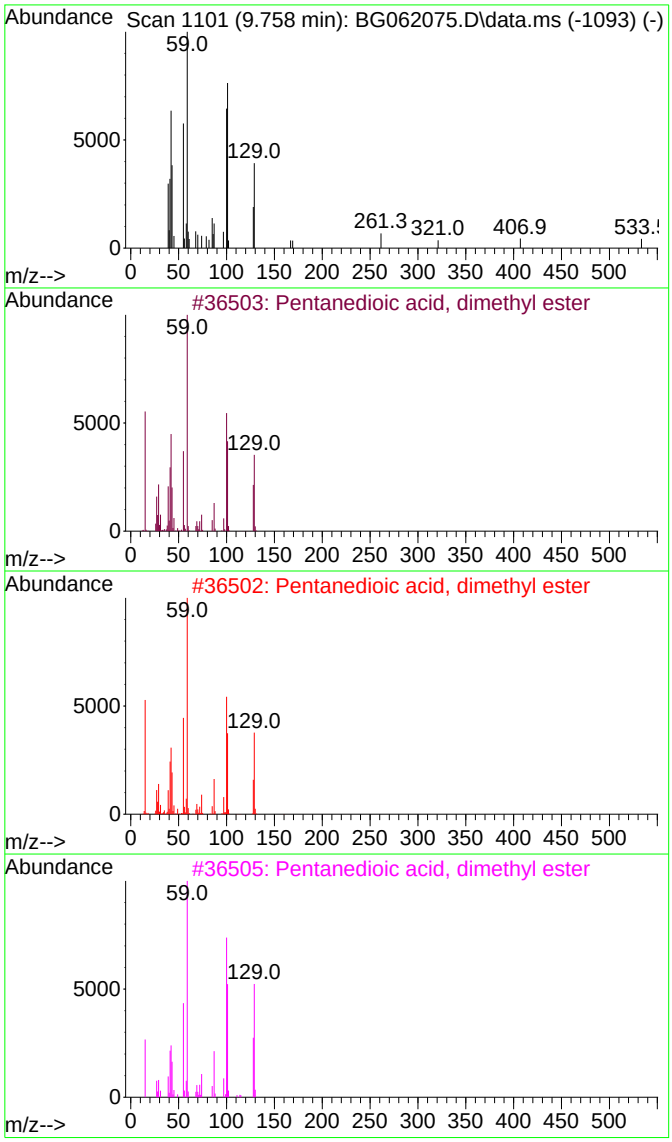
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

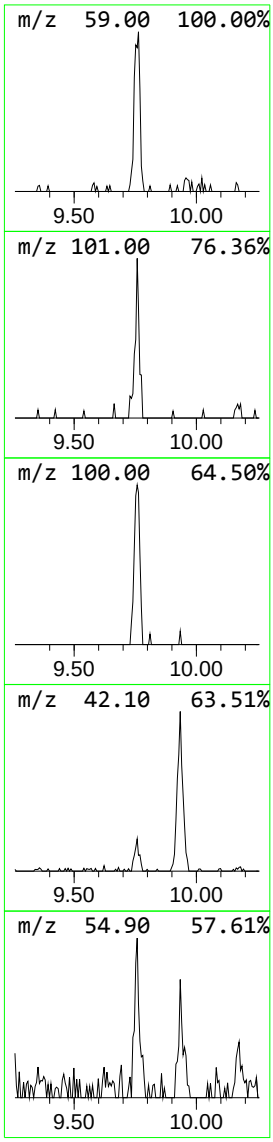
****

Peak Number 2 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.758	2.27 ng/ul	52909	Naphthalene-d8	10.856

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	45
2	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	40
3	Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	36
4	Butanedioic acid, methyl-, dimet...	160	C7H12O4	001604-11-1	32
5	Butanedioic acid, methyl-, dimet...	160	C7H12O4	001604-11-1	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062075.D
Acq On : 15 Jul 2024 19:23
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BW9

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

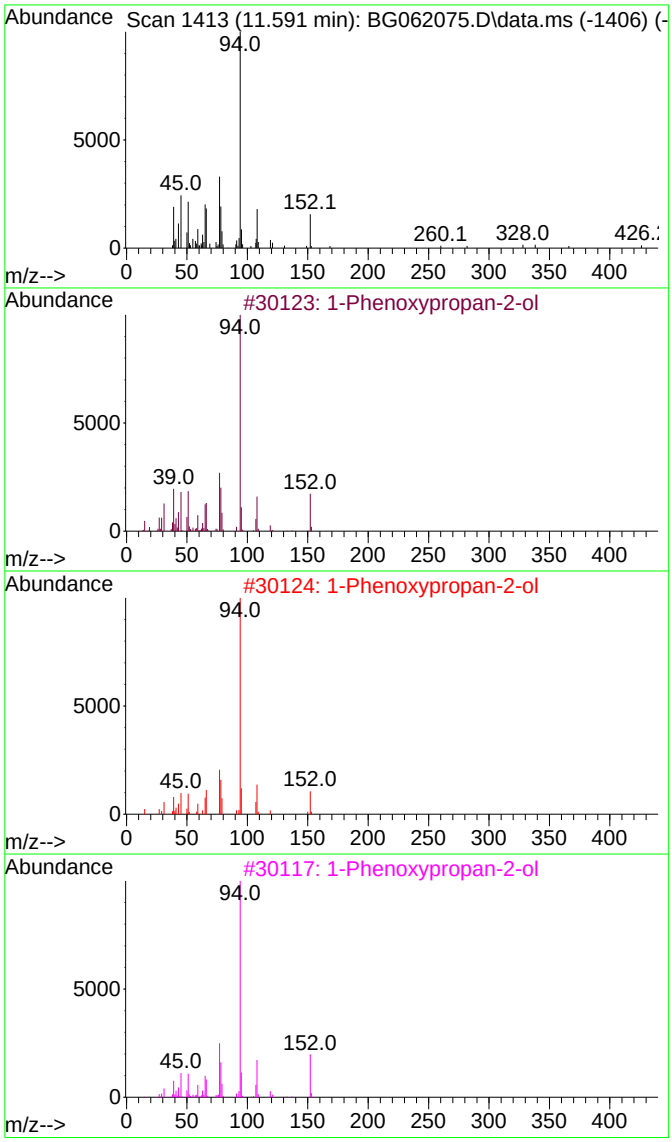
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

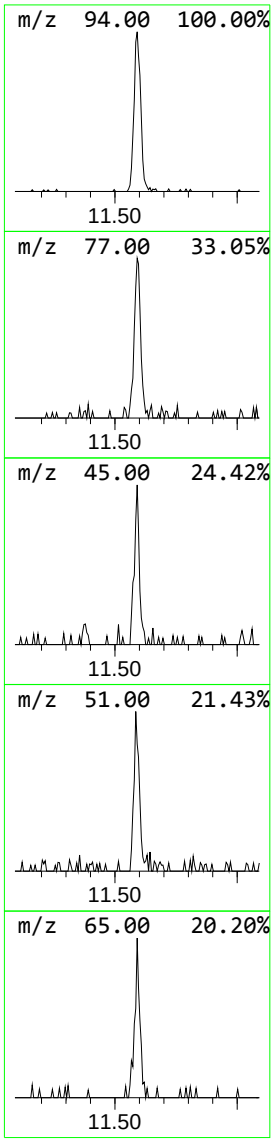
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.591	5.04 ng/ul	117371	Naphthalene-d8	10.856

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	91
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	87
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	86
4	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	72
5	Butanoic acid, 4-phenoxy-	180	C10H12O3	006303-58-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062075.D
Acq On : 15 Jul 2024 19:23
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BW9

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

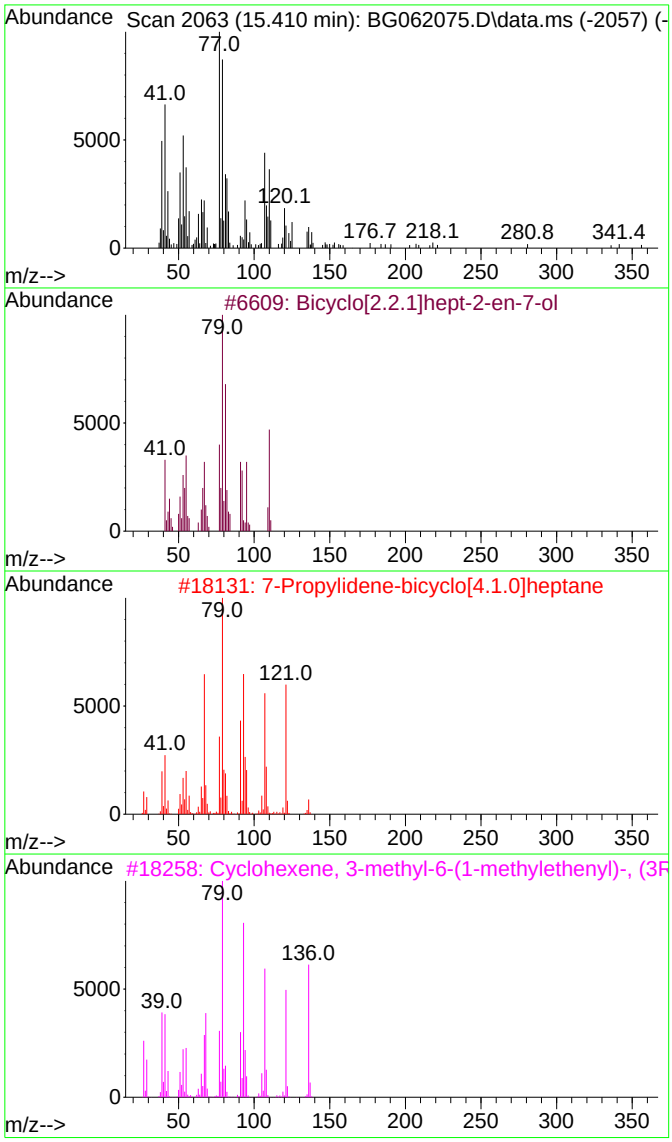
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

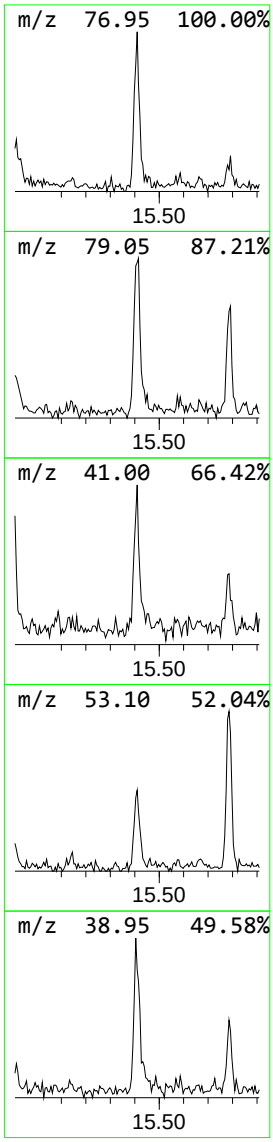
****

Peak Number 4 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	7.18 ng/ul	227889	Acenaphthene-d10	14.675

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]hept-2-en-7-ol	110	C7H10O	053783-87-2	35
2	7-Propylidene-bicyclo[4.1.0]heptane	136	C10H16	082253-09-6	27
3	Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	005113-87-1	27
4	1,2,4-Triazine	81	C3H3N3	000290-38-0	25
5	Cyclopropane, (1-methyl-1,2-prop...	94	C7H10	051549-86-1	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062075.D
Acq On : 15 Jul 2024 19:23
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BW9

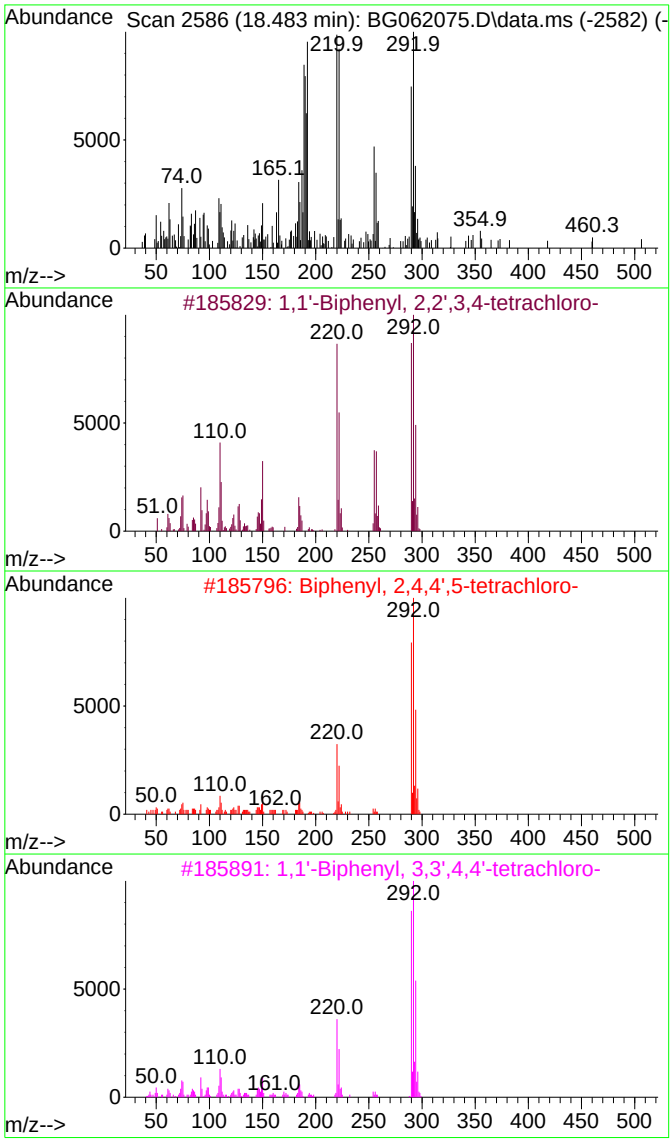
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

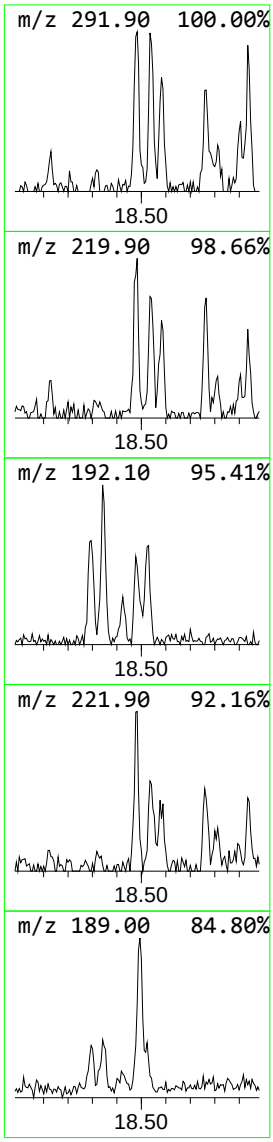
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,1'-Biphenyl, 2,2',3,4-tet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.483	3.43 ng/ul	126445	Phenanthrene-d10	17.419

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	94
2	Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	94
3	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	94
4	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	92
5	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062075.D
Acq On : 15 Jul 2024 19:23
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BW9

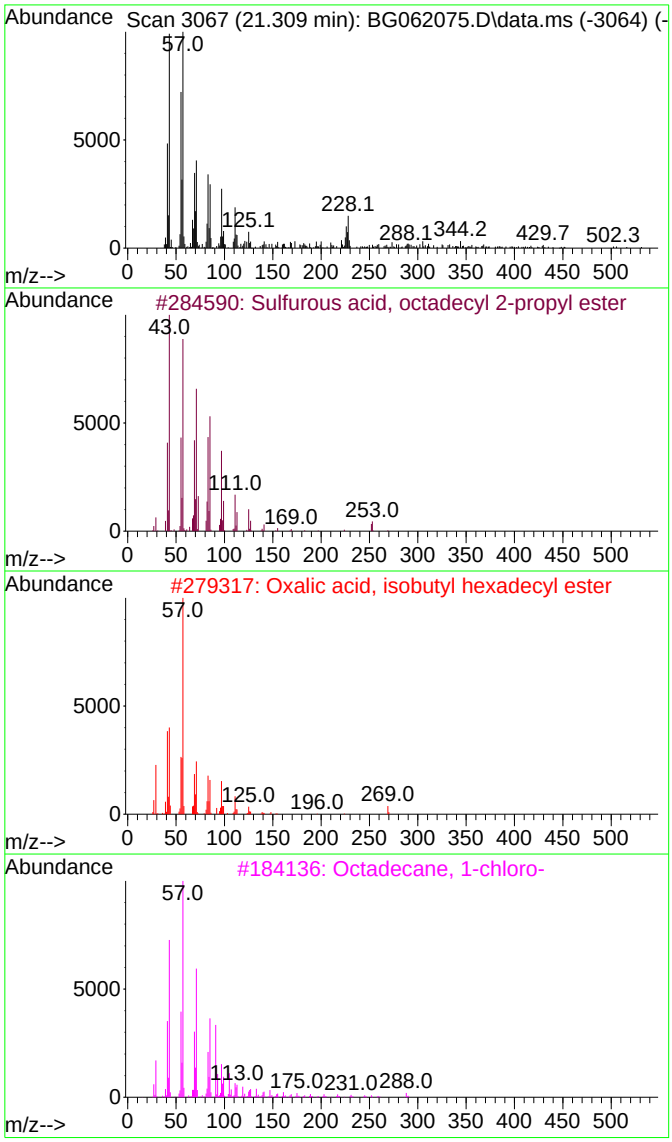
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION

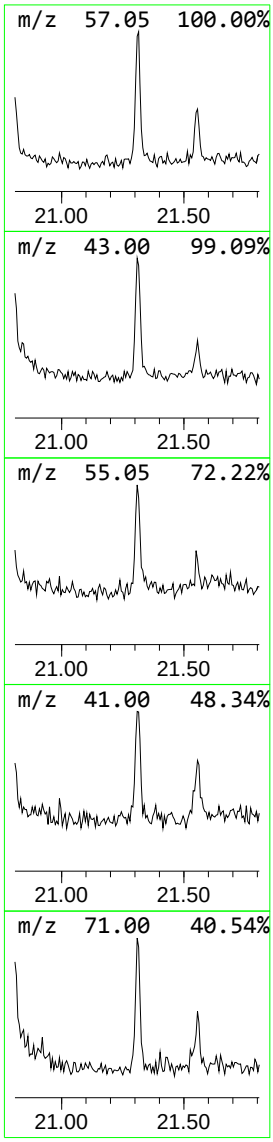
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Sulfurous acid, octadecyl 2... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.309	20.00 ng/ul	349430	Chrysene-d12	21.685

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	68
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	68
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	64
4	Heneicosane	296	C21H44	000629-94-7	60
5	Nonadecane	268	C19H40	000629-92-5	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071524\
Data File : BG062075.D
Acq On : 15 Jul 2024 19:23
Operator : MA/JU
Sample : P3100-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4BW9

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
unknown-01	3.718	3.5	ng/ul	53388	1	8.048	300779	20.0
unknown-02	9.758	2.3	ng/ul	52909	2	10.856	465750	20.0
1-Phenoxypropan...	11.591	5.0	ng/ul	117371	2	10.856	465750	20.0
unknown-03	15.410	7.2	ng/ul	227889	3	14.675	634768	20.0
1,1'-Biphenyl, ...	18.483	3.4	ng/ul	126445	4	17.419	736773	20.0
Sulfurous acid,...	21.309	20.0	ng/ul	349430	5	21.685	349430	20.0