LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG051010.D
Acq On : 12 Nov 2021 22:48
Operator : CG/JU
Sample : M4542-02
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGGE8

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-BG110321.M
Title : SVOA CALIBRATION

Signal : TIC: BG051010.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.564	9	13	15	rBV3	8077	11925	0.77%	0.072%
2	3.593	16	18	27	rVB2	11962	20507	1.32%	0.123%
3	4.040	90	94	108	rVV	54908	109910	7.07%	0.662%
4	4.134	108	110	115	rVV4	2153	2720	0.17%	0.016%
5	4.257	127	131	137	rVB4	6072	9833	0.63%	0.059%
6	4.369	143	150	154	rVV4	3377	5773	0.37%	0.035%
7	5.297	305	308	311	rBV2	1739	2162	0.14%	0.013%
8	5.520	342	346	350	rVB5	2929	5260	0.34%	0.032%
9	6.219	460	465	468	rBV4	2421	4182	0.27%	0.025%
10	6.290	471	477	481	rBV2	2814	5063	0.33%	0.030%
11	7.077	607	611	616	rBV3	1264	2159	0.14%	0.013%
12	7.306	645	650	655	rVB3	3547	5286	0.34%	0.032%
13	7.383	655	663	674	rBV	59552	117505	7.56%	0.708%
14	7.553	684	692	698	rBV	203131	351287	22.59%	2.115%
15	7.612	698	702	709	rVB2	22632	36887	2.37%	0.222%
16	7.765	720	728	735	rBV	200122	347841	22.37%	2.094%
17	7.823	735	738	741	rVV3	2105	2989	0.19%	0.018%
18	7.870	741	746	753	rVV	32108	54399	3.50%	0.328%
19	8.235	801	808	821	rBV	191982	345847	22.24%	2.082%
20	8.346	821	827	834	rVB	21254	36888	2.37%	0.222%
21	8.611	865	872	878	rBV4	10858	23235	1.49%	0.140%
22	8.717	886	890	896	rBV	6142	8943	0.58%	0.054%
23	8.869	909	916	920	rBV5	3130	5532	0.36%	0.033%
24	8.940	920	928	937	rVV	162414	305727	19.66%	1.841%
25	9.034	940	944	948	rVV3	2841	4868	0.31%	0.029%
26	9.234	975	978	985	rVB3	1557	2310	0.15%	0.014%
27	9.339	990	996	1001	rVV3	3920	5755	0.37%	0.035%
28	9.410	1001	1008	1018	rVB	257888	484407	31.15%	2.917%
29	9.504	1021	1024	1030	rVV5	3323	6064	0.39%	0.037%
30	9.762	1063	1068	1071	rBV2	1865	2728	0.18%	0.016%
31	9.927	1093	1096	1100	rBV4	1411	2485	0.16%	0.015%
32	10.138	1123	1132	1141	rBV	216904	406670	26.15%	2.449%
33	10.679	1216	1224	1234	rBV	294560	541910	34.85%	3.263%
34	10.755	1235	1237	1241	rVB3	2145	2858	0.18%	0.017%
35	10.820	1241	1248	1258	rBV2	23514	50044	3.22%	0.301%
36	11.061	1280	1289	1301	rVB	272007	514529	33.09%	3.098%

LSC Area Percent Report

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Acq On : 12 Nov 2021 22:48
Operator : CG/JU
Sample : M4542-02
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGGE8

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-BG110321.M
Title : SVOA CALIBRATION

37	11.196	1301	1312	1323	rBV	162933	316115	20.33%	1.903%
38	11.296	1325	1329	1334	rVV7	2062	3277	0.21%	0.020%
39	11.454	1349	1356	1363	rBV6	2890	7775	0.50%	0.047%
40	11.578	1374	1377	1381	rBV4	2076	3326	0.21%	0.020%
41	11.625	1383	1385	1390	rVB4	2288	3419	0.22%	0.021%
42	11.678	1390	1394	1400	rVB5	1955	3152	0.20%	0.019%
43	11.766	1405	1409	1411	rBV3	3624	4063	0.26%	0.024%
44	11.831	1416	1420	1424	rVV5	3688	5821	0.37%	0.035%
45	11.866	1424	1426	1433	rVB7	4758	7585	0.49%	0.046%
46	11.930	1436	1437	1442	rBV2	1686	2852	0.18%	0.017%
47	12.077	1460	1462	1469	rVB6	2759	4003	0.26%	0.024%
48	12.154	1472	1475	1476	rBV	2750	2922	0.19%	0.018%
49	12.165	1476	1477	1481	rVB4	2740	2703	0.17%	0.016%
50	12.536	1537	1540	1544	rBV3	1474	2187	0.14%	0.013%
51	12.630	1551	1556	1562	rBV3	6529	11355	0.73%	0.068%
52	13.217	1650	1656	1662	rBV3	5384	11205	0.72%	0.067%
53	13.458	1693	1697	1705	rVB4	6118	9578	0.62%	0.058%
54	13.599	1718	1721	1725	rBV3	2513	3750	0.24%	0.023%
55	13.728	1739	1743	1748	rVB5	4373	7221	0.46%	0.043%
56	14.257	1824	1833	1838	rVV	651491	953933	61.35%	5.744%
57	14.304	1838	1841	1848	rVV	29297	41718	2.68%	0.251%
58	14.386	1848	1855	1863	rVV	62519	110158	7.08%	0.663%
59	14.486	1867	1872	1877	rVV7	2964	6594	0.42%	0.040%
60	14.563	1877	1885	1894	rVV	674900	1101302	70.83%	6.631%
61	14.645	1894	1899	1907	rVV7	3675	7105	0.46%	0.043%
62	14.809	1924	1927	1928	rBV2	2157	2484	0.16%	0.015%
63	14.862	1929	1936	1943	rVB	442507	705219	45.35%	4.246%
64	15.056	1964	1969	1981	rVB2	54915	105222	6.77%	0.634%
65	15.238	1996	2000	2004	rVV2	8068	13181	0.85%	0.079%
66	15.303	2008	2011	2013	rVB4	2670	2894	0.19%	0.017%
67	15.620	2058	2065	2069	rVV	24862	36598	2.35%	0.220%
68	15.655	2069	2071	2078	rVB6	4209	6376	0.41%	0.038%
69	15.849	2097	2104	2109	rBV	884909	1424299	91.60%	8.576%
70	15.890	2109	2111	2118	rVV	93770	112654	7.24%	0.678%
71	15.967	2118	2124	2135	rVV	304575	473310	30.44%	2.850%
72	16.049	2135	2138	2141	rVV3	4810	6065	0.39%	0.037%
73	16.090	2141	2145	2150	rVB3	4452	7367	0.47%	0.044%
74	16.255	2168	2173	2177	rVV3	13604	18157	1.17%	0.109%
75	16.296	2177	2180	2184	rVB6	2801	2852	0.18%	0.017%
76	16.384	2189	2195	2201	rBV2	16574	21615	1.39%	0.130%

LSC Area Percent Report

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Acq On : 12 Nov 2021 22:48
Operator : CG/JU
Sample : M4542-02
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGGE8

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-BG110321.M
Title : SVOA CALIBRATION

77	16.531	2217	2220	2226	rVV6	3090	5004	0.32%	0.030%
78	16.660	2240	2242	2245	rVB3	2254	2141	0.14%	0.013%
79	16.789	2260	2264	2266	rBV5	2088	2840	0.18%	0.017%
80	16.907	2280	2284	2292	rVV2	10881	20979	1.35%	0.126%
81	16.972	2292	2295	2297	rVV4	2071	2878	0.19%	0.017%
82	17.048	2305	2308	2310	rBV3	2091	2501	0.16%	0.015%
83	17.342	2355	2358	2361	rVB5	6142	6832	0.44%	0.041%
84	17.395	2361	2367	2374	rBV	27069	46061	2.96%	0.277%
85	17.606	2396	2403	2412	rBV	506549	817060	52.55%	4.920%
86	17.706	2413	2420	2432	rVV2	947012	1499881	96.46%	9.031%
87	17.859	2442	2446	2449	rVB	3549	4639	0.30%	0.028%
88	17.947	2459	2461	2463	rBV3	2128	2227	0.14%	0.013%
89	18.235	2508	2510	2516	rVB4	9588	14414	0.93%	0.087%
90	18.458	2544	2548	2555	rBV	116277	163838	10.54%	0.986%
91	18.540	2560	2562	2566	rVB	10841	13575	0.87%	0.082%
92	18.910	2623	2625	2626	rBV2	3734	2235	0.14%	0.013%
93	19.545	2730	2733	2737	rBV3	13696	17713	1.14%	0.107%
94	19.616	2743	2745	2750	rVB2	16318	22855	1.47%	0.138%
95	19.721	2759	2763	2768	rBV	58040	76215	4.90%	0.459%
96	19.986	2801	2808	2815	rBV	1033980	1554959	100.00%	9.363%
97	21.502	3062	3066	3074	rVB4	49544	88863	5.71%	0.535%
98	21.907	3129	3135	3143	rVB	413441	706295	45.42%	4.253%
99	25.091	3668	3677	3689	rVB2	448363	1350388	86.84%	8.131%
100	25.326	3708	3717	3729	rVB3	234094	765915	49.26%	4.612%

Sum of corrected areas: 16608208

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG051010.D
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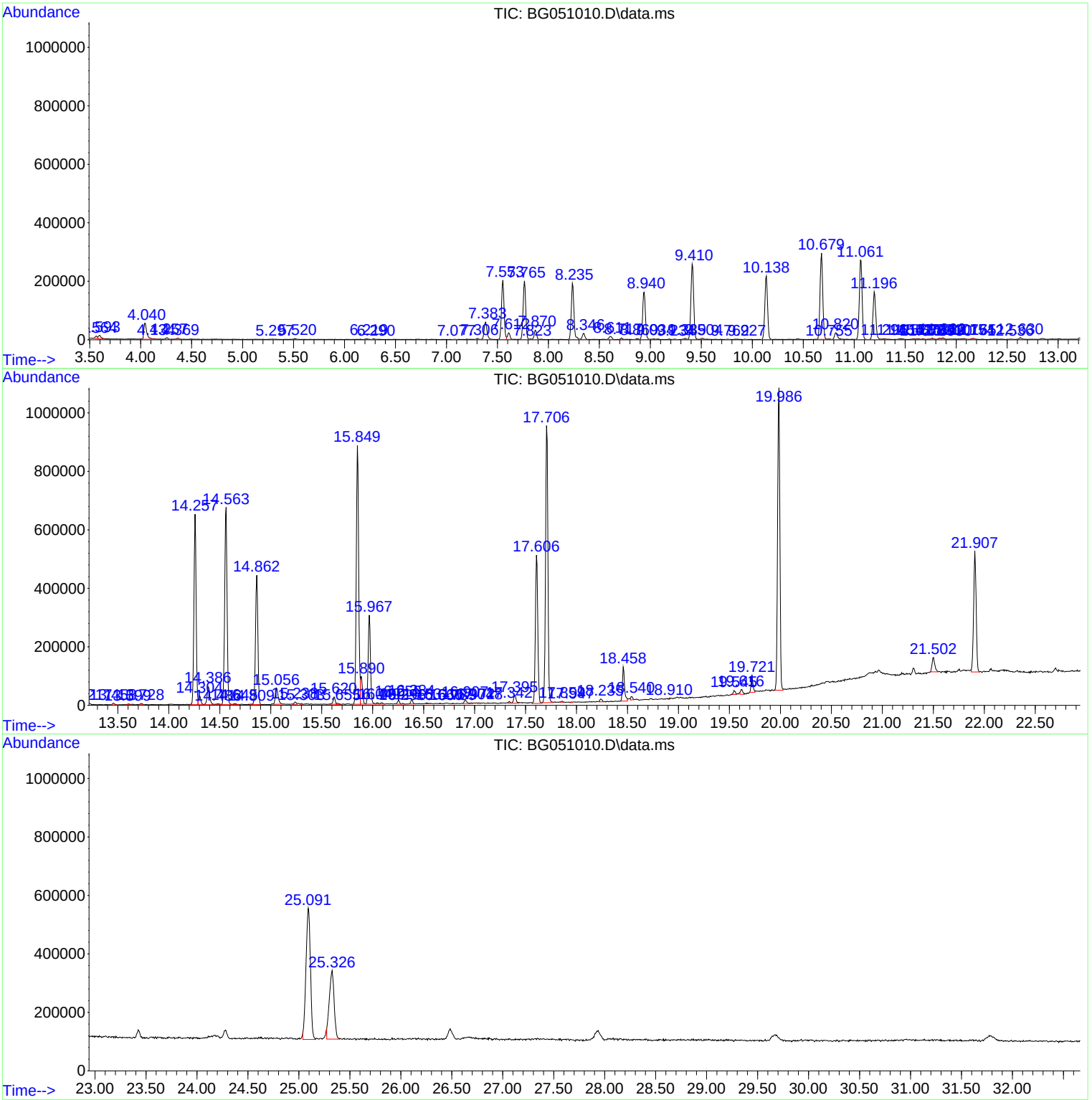
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGGE8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG051010.D
Acq On : 12 Nov 2021 22:48
Operator : CG/JU
Sample : M4542-02
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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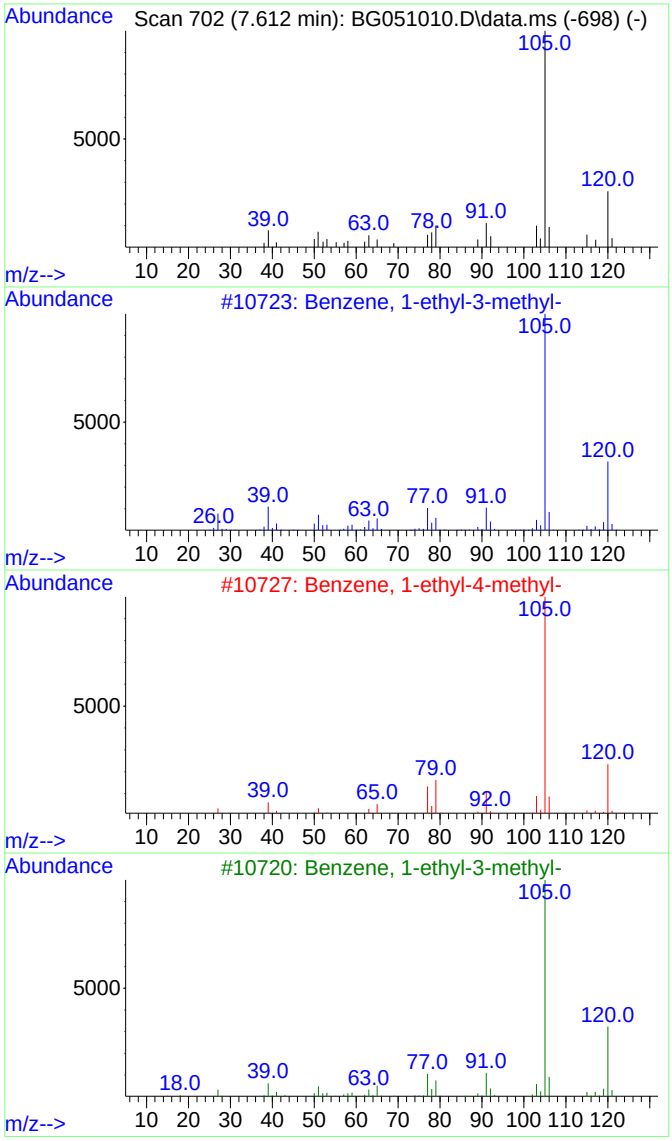
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

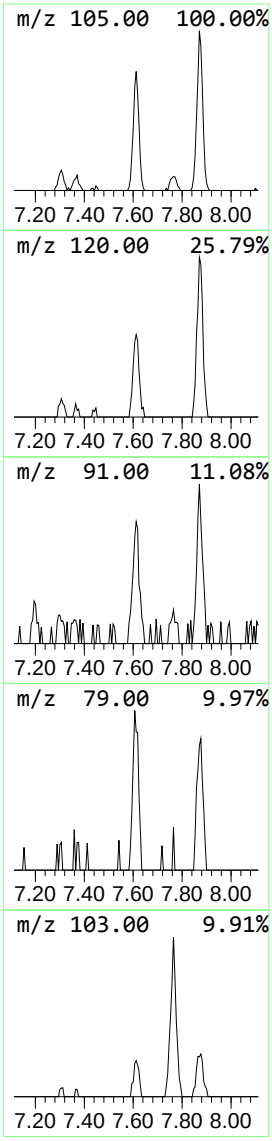
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.612	2.13 ng/ul	36887	1,4-Dichlorobenzene-d4	8.235

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Mesitylene	120	C9H12	000108-67-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG051010.D
Acq On : 12 Nov 2021 22:48
Operator : CG/JU
Sample : M4542-02
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGGE8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

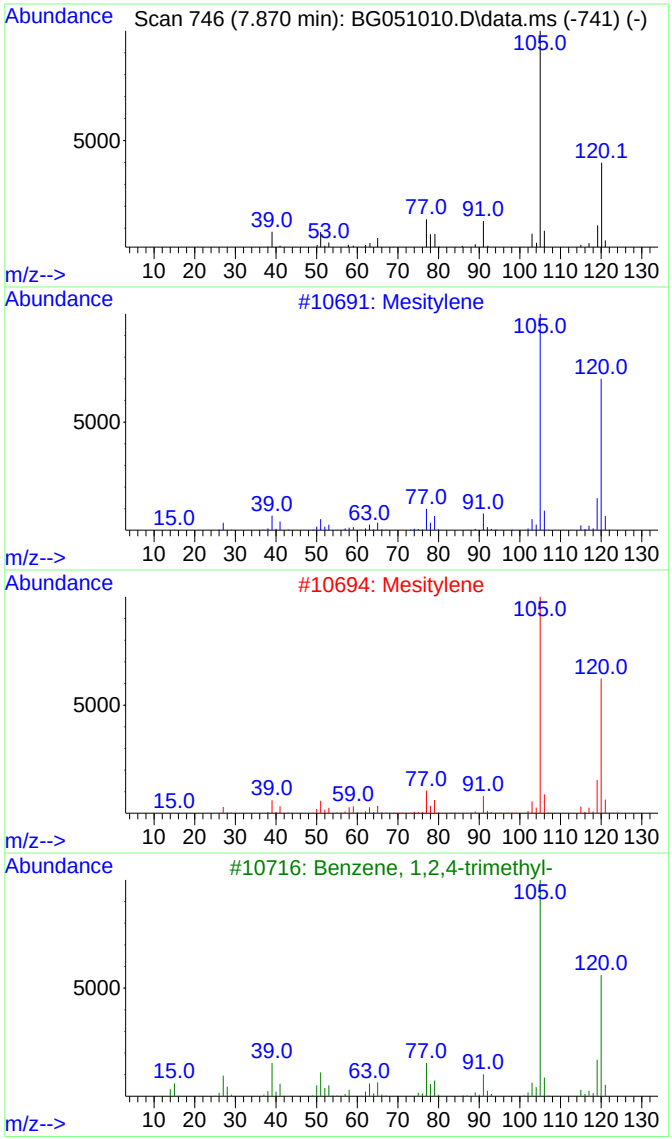
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

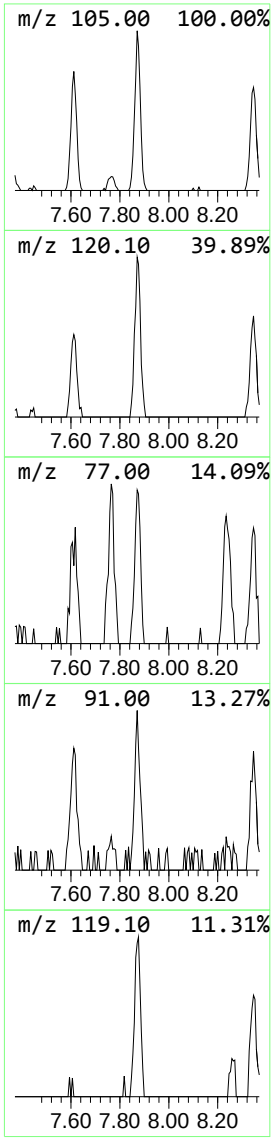
****

Peak Number 2 Mesitylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.870	3.15 ng/ul	54399	1,4-Dichlorobenzene-d4	8.235

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	91
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG051010.D
Acq On : 12 Nov 2021 22:48
Operator : CG/JU
Sample : M4542-02
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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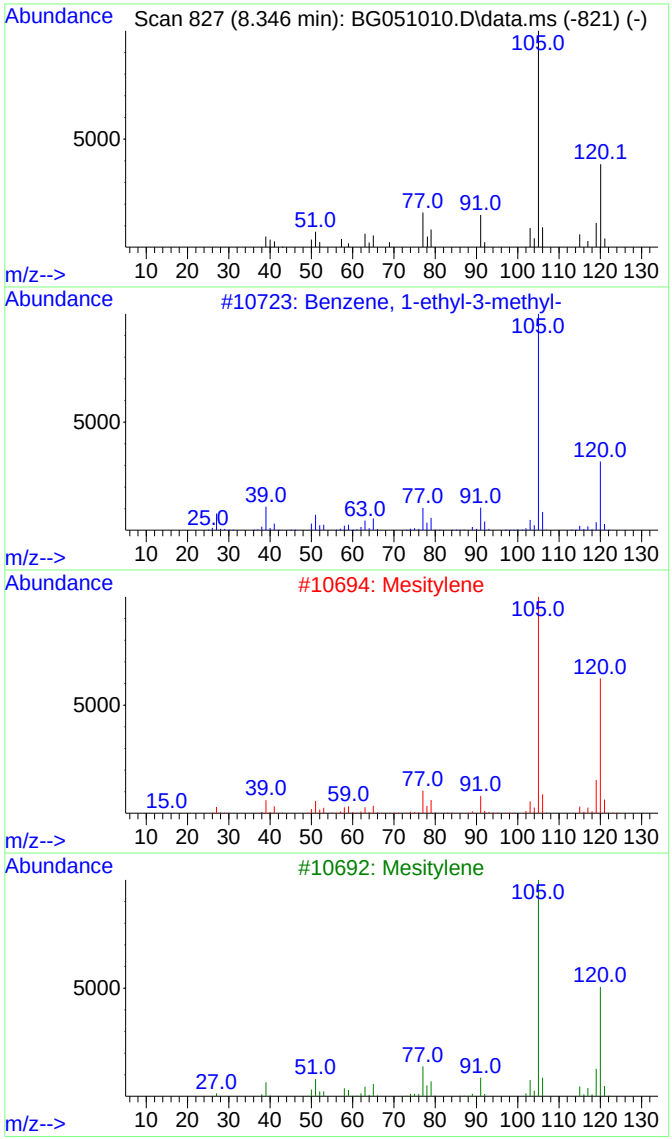
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

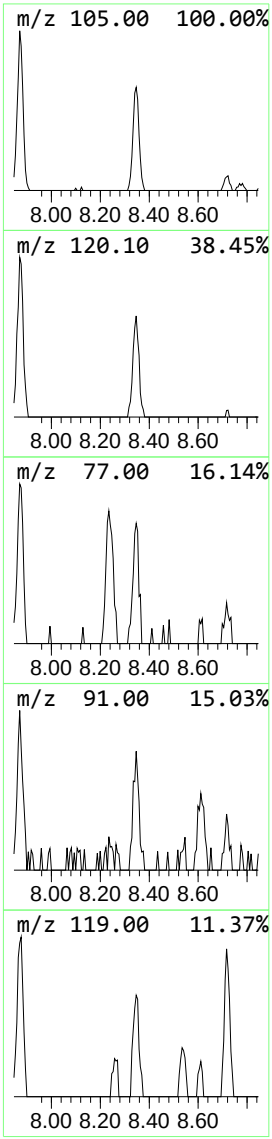
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.346	2.13 ng/ul	36888	1,4-Dichlorobenzene-d4	8.235

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
2	Mesitylene	120	C9H12	000108-67-8	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Acq On : 12 Nov 2021 22:48
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Sample : M4542-02
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ALS Vial : 49 Sample Multiplier: 1

Instrument :
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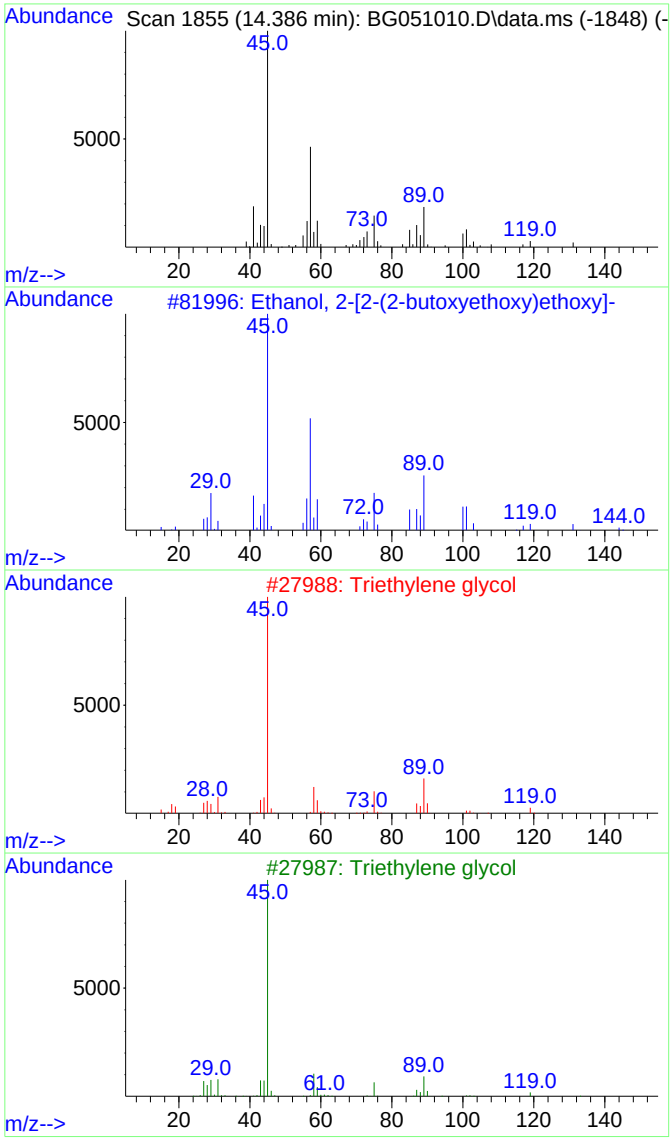
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

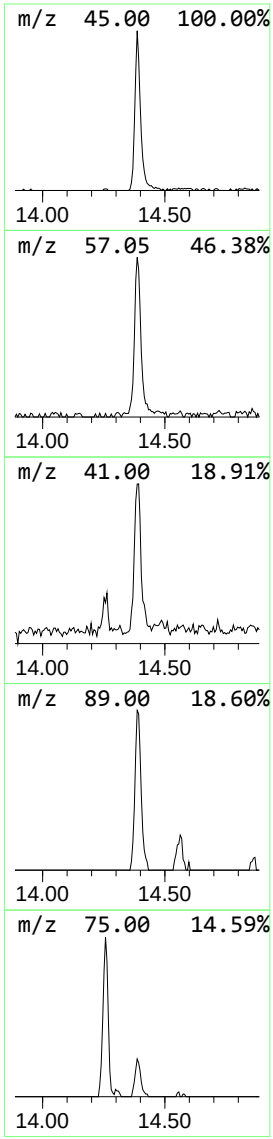
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Ethanol, 2-[2-(2-butoxyetho... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.386	3.12 ng/ul	110158	Acenaphthene-d10	14.862

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	58
2	Triethylene glycol	150	C6H14O4	000112-27-6	56
3	Triethylene glycol	150	C6H14O4	000112-27-6	56
4	Tetraethylene glycol	194	C8H18O5	000112-60-7	56
5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	52





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Data File : BG051010.D
Acq On : 12 Nov 2021 22:48
Operator : CG/JU
Sample : M4542-02
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGGE8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

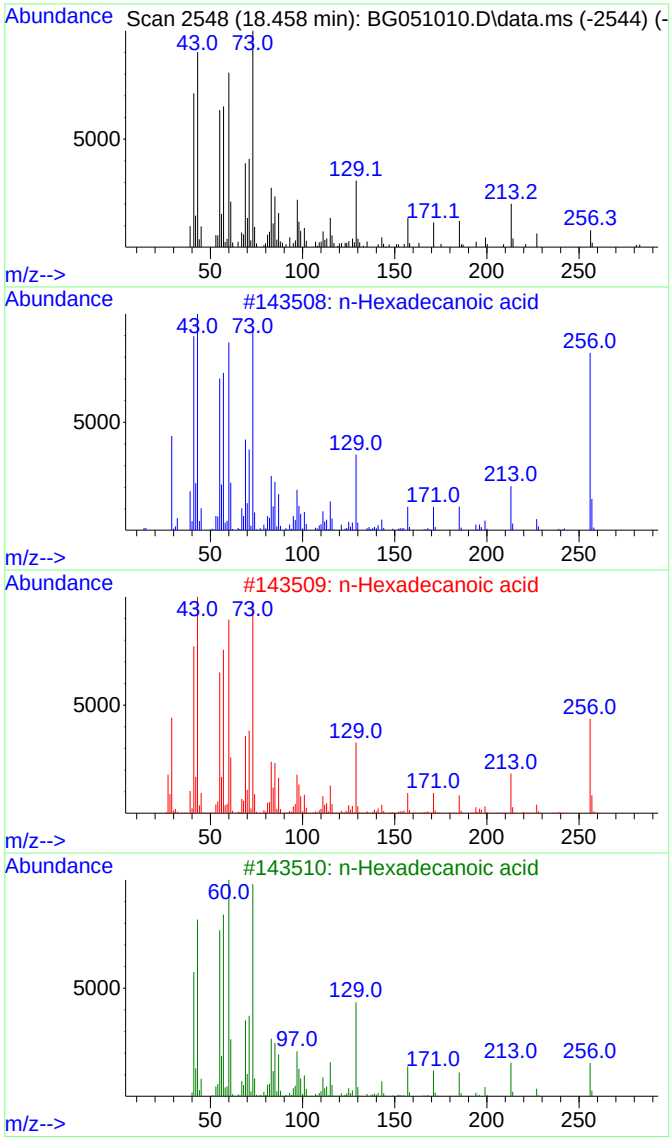
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

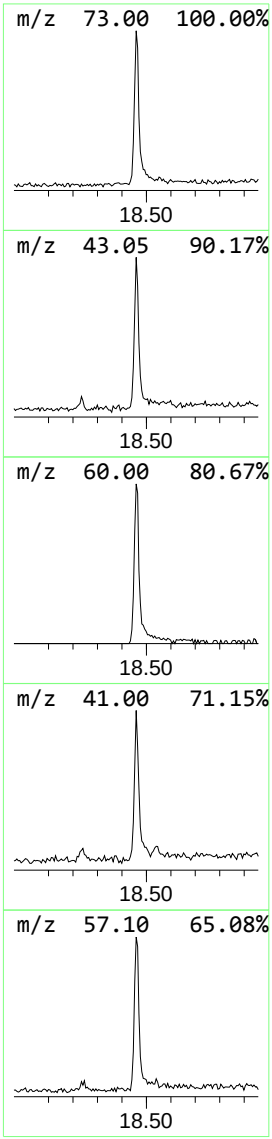
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.458	4.01 ng/ul	163838	Phenanthrene-d10	17.606

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	92
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG051010.D
Acq On : 12 Nov 2021 22:48
Operator : CG/JU
Sample : M4542-02
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGGE8

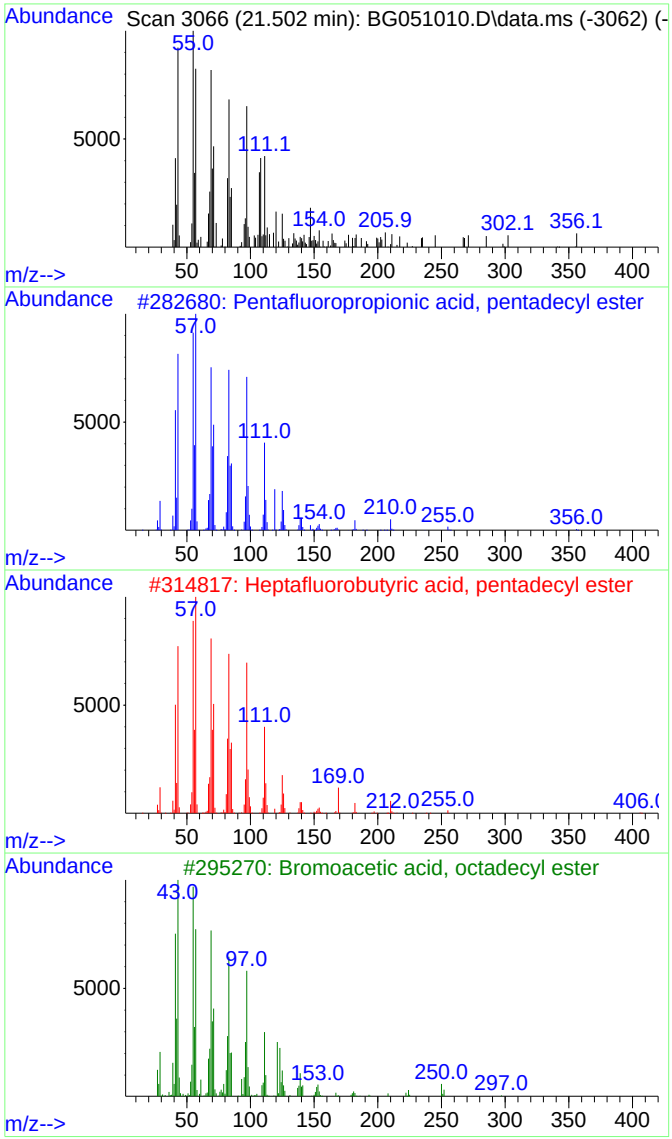
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

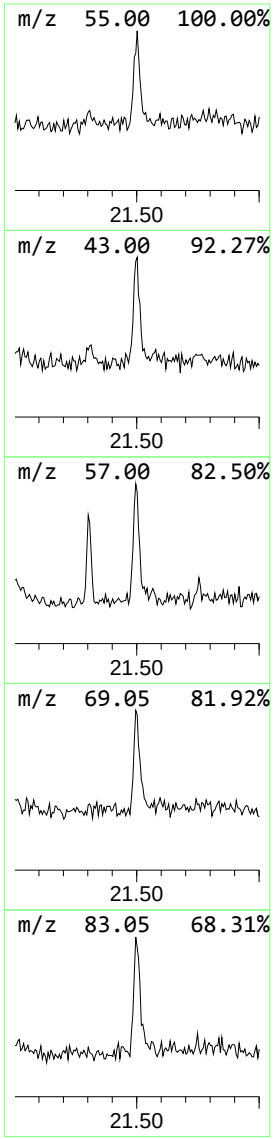
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Pentafluoropropionic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.502	2.52 ng/ul	88863	Chrysene-d12	21.907

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	81
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	76
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	74
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG051010.D
Acq On : 12 Nov 2021 22:48
Operator : CG/JU
Sample : M4542-02
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGGE8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.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
Benzene, 1-ethy...	7.612	2.1	ng/ul	36887	1	8.235	345847	20.0
Mesitylene	7.870	3.1	ng/ul	54399	1	8.235	345847	20.0
Benzene, 1,2,3-...	8.346	2.1	ng/ul	36888	1	8.235	345847	20.0
Ethanol, 2-[2-(...	14.386	3.1	ng/ul	110158	3	14.862	705219	20.0
n-Hexadecanoic ...	18.458	4.0	ng/ul	163838	4	17.606	817060	20.0
Pentafluoroprop...	21.502	2.5	ng/ul	88863	5	21.907	706295	20.0