LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051658.D
Acq On : 19 Dec 2021 11:03
Operator : CG/JU
Sample : M5154-03
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGL83

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-BG121421.M
Title : SVOA CALIBRATION

Signal : TIC: BG051658.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.600	14	19	30	rVB2	9536	18058	1.77%	0.129%
2	3.876	62	66	71	rBV2	3998	6803	0.67%	0.049%
3	4.029	88	92	103	rBV	68127	115315	11.28%	0.822%
4	5.744	378	384	390	rVV	43352	69298	6.78%	0.494%
5	5.873	400	406	416	rVB2	45826	116079	11.36%	0.828%
6	6.255	466	471	477	rVB	28644	45912	4.49%	0.327%
7	6.519	512	516	523	rBV4	2325	4916	0.48%	0.035%
8	6.637	532	536	542	rBV2	2634	4828	0.47%	0.034%
9	6.743	549	554	558	rBV3	7143	13026	1.27%	0.093%
10	6.807	561	565	569	rVB2	4533	6650	0.65%	0.047%
11	7.160	617	625	629	rVB5	2595	5655	0.55%	0.040%
12	7.248	630	640	646	rVB6	8857	18611	1.82%	0.133%
13	7.353	653	658	660	rBV2	6581	9980	0.98%	0.071%
14	7.400	660	666	676	rVV	183438	335606	32.83%	2.393%
15	7.483	676	680	685	rVB3	5353	8518	0.83%	0.061%
16	7.577	688	696	703	rBV	123575	209393	20.49%	1.493%
17	7.653	706	709	714	rVB3	4742	7330	0.72%	0.052%
18	7.794	723	733	743	rBV	163714	287645	28.14%	2.051%
19	7.917	748	754	760	rBV	26199	41354	4.05%	0.295%
20	8.270	806	814	820	rVV	137722	259310	25.37%	1.849%
21	8.323	820	823	831	rVV3	7758	12763	1.25%	0.091%
22	8.393	831	835	844	rVV2	12995	20581	2.01%	0.147%
23	8.470	844	848	851	rVV4	6860	10272	1.00%	0.073%
24	8.522	853	857	861	rVV4	3624	7396	0.72%	0.053%
25	8.569	861	865	870	rVV2	7175	11456	1.12%	0.082%
26	8.658	873	880	886	rVB	90448	148324	14.51%	1.058%
27	8.775	893	900	902	rBV2	3557	5416	0.53%	0.039%
28	8.822	902	908	913	rBV	28664	52793	5.16%	0.376%
29	8.922	920	925	926	rBV3	5632	6730	0.66%	0.048%
30	8.963	926	932	940	rVB	210420	364887	35.70%	2.602%
31	9.092	950	954	957	rBV3	3480	4482	0.44%	0.032%
32	9.286	984	987	994	rVB4	3107	5829	0.57%	0.042%
33	9.386	1000	1004	1005	rBV2	5961	5632	0.55%	0.040%
34	9.439	1007	1013	1026	rVB2	157868	299008	29.25%	2.132%
35	9.644	1043	1048	1054	rVB5	7998	16224	1.59%	0.116%
36	9.774	1064	1070	1076	rVB6	12311	25718	2.52%	0.183%

LSC Area Percent Report

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Acq On : 19 Dec 2021 11:03
Operator : CG/JU
Sample : M5154-03
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL83

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-BG121421.M
Title : SVOA CALIBRATION

37	9.868	1083	1086	1090	rVV6	6367	8163	0.80%	0.058%
38	9.926	1090	1096	1100	rVV4	4981	8663	0.85%	0.062%
39	9.985	1101	1106	1110	rVV3	8065	12252	1.20%	0.087%
40	10.173	1131	1138	1144	rBV	143430	253600	24.81%	1.808%
41	10.449	1179	1185	1189	rBV3	3061	5555	0.54%	0.040%
42	10.502	1189	1194	1200	rVV5	7364	13544	1.33%	0.097%
43	10.561	1200	1204	1208	rVB4	2866	4290	0.42%	0.031%
44	10.714	1222	1230	1239	rVB	218533	389324	38.09%	2.776%
45	10.855	1251	1254	1263	rVB2	4992	8072	0.79%	0.058%
46	11.113	1285	1298	1302	rBV	194361	377134	36.90%	2.689%
47	11.160	1302	1306	1312	rVB	194065	335938	32.87%	2.395%
48	11.231	1312	1318	1324	rBV2	117318	212413	20.78%	1.514%
49	11.771	1405	1410	1414	rVB6	3081	4882	0.48%	0.035%
50	12.024	1447	1453	1457	rBV4	5513	10913	1.07%	0.078%
51	12.112	1463	1468	1474	rBV2	5420	10779	1.05%	0.077%
52	12.505	1526	1535	1539	rBV4	9778	16349	1.60%	0.117%
53	12.646	1552	1559	1562	rVV6	4438	8856	0.87%	0.063%
54	12.676	1562	1564	1568	rVV2	4524	5459	0.53%	0.039%
55	12.734	1569	1574	1583	rVB6	6534	16974	1.66%	0.121%
56	12.858	1591	1595	1600	rBV4	3673	5976	0.58%	0.043%
57	12.969	1604	1614	1624	rBV	52896	94868	9.28%	0.676%
58	13.122	1636	1640	1645	rBV4	3189	5542	0.54%	0.040%
59	13.304	1668	1671	1675	rVB2	4423	5928	0.58%	0.042%
60	13.345	1675	1678	1682	rBV5	8240	9827	0.96%	0.070%
61	13.445	1690	1695	1700	rVB4	7416	11496	1.12%	0.082%
62	13.739	1737	1745	1751	rBV2	33146	67064	6.56%	0.478%
63	13.962	1781	1783	1787	rVB4	3467	4283	0.42%	0.031%
64	14.232	1826	1829	1834	rBV5	14107	20799	2.03%	0.148%
65	14.297	1834	1840	1846	rVV	388957	551502	53.95%	3.932%
66	14.356	1846	1850	1852	rVV5	3090	5937	0.58%	0.042%
67	14.379	1852	1854	1857	rVB2	8028	7864	0.77%	0.056%
68	14.456	1865	1867	1870	rBV4	3635	4218	0.41%	0.030%
69	14.602	1886	1892	1901	rVB	432185	672612	65.80%	4.796%
70	14.749	1913	1917	1920	rBV4	2917	4712	0.46%	0.034%
71	14.785	1920	1923	1927	rBV2	5777	8460	0.83%	0.060%
72	14.908	1934	1944	1952	rBV	342227	535469	52.39%	3.818%
73	14.973	1952	1955	1962	rVB6	7125	12685	1.24%	0.090%
74	15.067	1964	1971	1981	rBV	188639	298662	29.22%	2.129%
75	15.296	2005	2010	2017	rVB2	11614	20450	2.00%	0.146%
76	15.525	2046	2049	2054	rBV6	7321	10284	1.01%	0.073%

LSC Area Percent Report

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Data File : BG051658.D
Acq On : 19 Dec 2021 11:03
Operator : CG/JU
Sample : M5154-03
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL83

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-BG121421.M
Title : SVOA CALIBRATION

77	15.695	2073	2078	2082	rBV5	12754	19987	1.96%	0.143%
78	15.848	2099	2104	2106	rBV5	6680	12488	1.22%	0.089%
79	15.895	2106	2112	2119	rVV	554282	844213	82.59%	6.019%
80	15.995	2124	2129	2135	rVB	143563	215491	21.08%	1.536%
81	16.142	2147	2154	2159	rBV5	13685	32703	3.20%	0.233%
82	16.394	2194	2197	2200	rBV3	7668	10408	1.02%	0.074%
83	16.629	2233	2237	2241	rVB2	29964	42805	4.19%	0.305%
84	16.717	2248	2252	2257	rBV	34926	52033	5.09%	0.371%
85	16.776	2258	2262	2269	rVV5	36249	68083	6.66%	0.485%
86	16.835	2269	2272	2276	rVV	28749	37453	3.66%	0.267%
87	16.882	2277	2280	2284	rVB4	21740	26434	2.59%	0.188%
88	17.040	2303	2307	2313	rVB7	25561	48349	4.73%	0.345%
89	17.105	2314	2318	2321	rBV	26985	35870	3.51%	0.256%
90	17.446	2373	2376	2380	rVB5	14665	20990	2.05%	0.150%
91	17.651	2405	2411	2417	rBV	388831	637675	62.38%	4.547%
92	17.751	2422	2428	2435	rVB	546651	864184	84.54%	6.162%
93	18.303	2519	2522	2527	rVB4	20856	27745	2.71%	0.198%
94	18.521	2555	2559	2564	rBV6	21619	34678	3.39%	0.247%
95	20.030	2810	2816	2827	rVB	687147	1022175	100.00%	7.288%
96	21.575	3075	3079	3087	rBV3	63441	110378	10.80%	0.787%
97	21.846	3119	3125	3133	rVB	492675	769024	75.23%	5.483%
98	21.975	3140	3147	3154	rVB	391392	701497	68.63%	5.002%
99	25.229	3691	3701	3712	rVB2	340329	1009186	98.73%	7.195%
100	25.476	3733	3743	3763	rVB2	226424	737941	72.19%	5.261%

Sum of corrected areas: 14025386

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051658.D
Acq On : 19 Dec 2021 11:03
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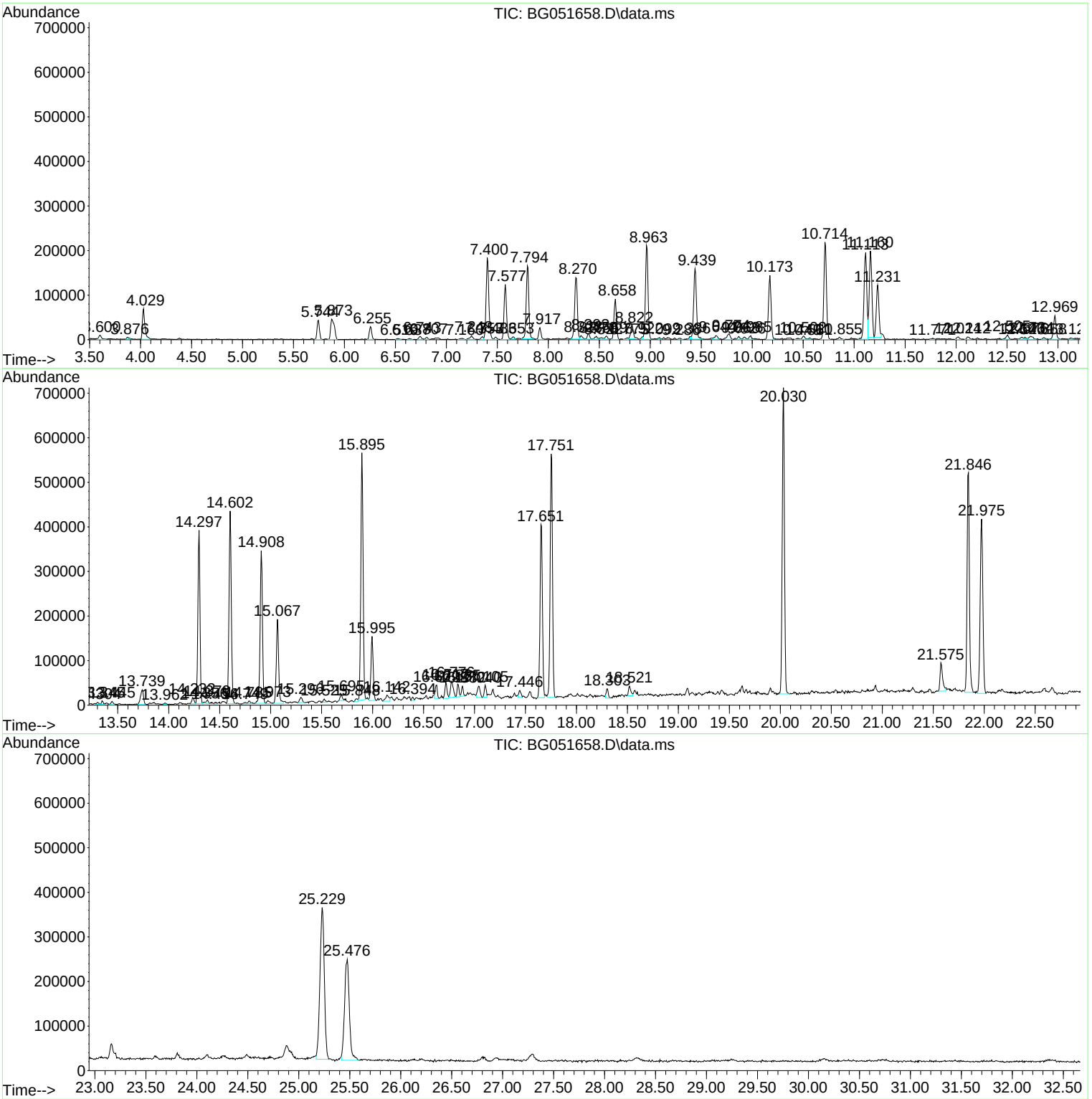
Sample : M5154-03
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL83

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051658.D
Acq On : 19 Dec 2021 11:03
Operator : CG/JU
Sample : M5154-03
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BGL83

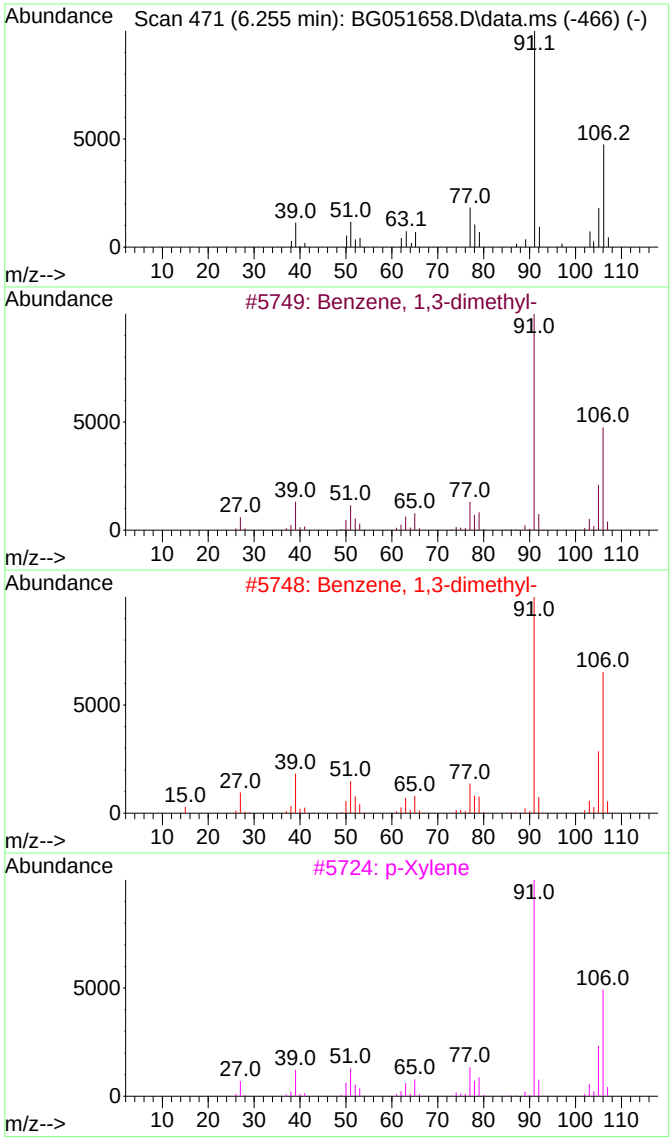
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

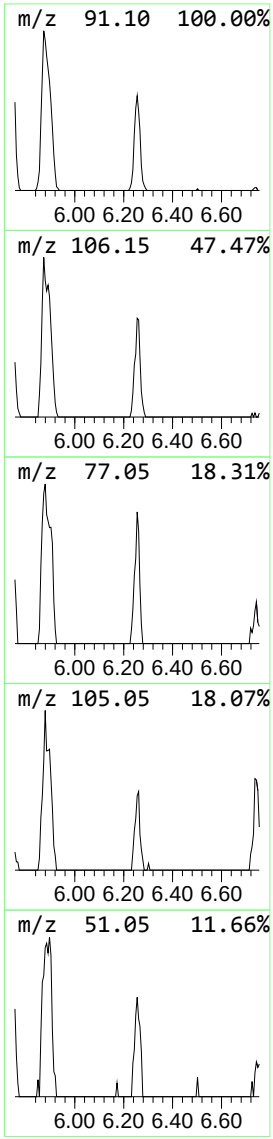
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.255	3.54 ng/ul	45912	1,4-Dichlorobenzene-d4	8.270

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	91
3	p-Xylene	106	C8H10	000106-42-3	91
4	o-Xylene	106	C8H10	000095-47-6	91
5	o-Xylene	106	C8H10	000095-47-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051658.D
Acq On : 19 Dec 2021 11:03
Operator : CG/JU
Sample : M5154-03
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL83

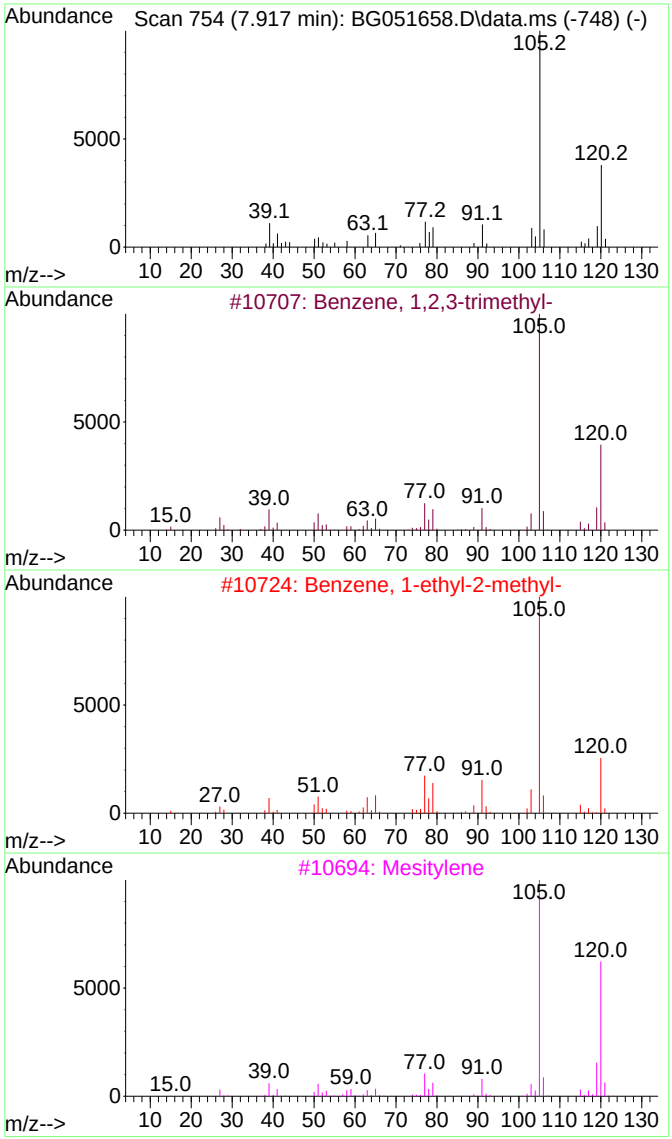
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

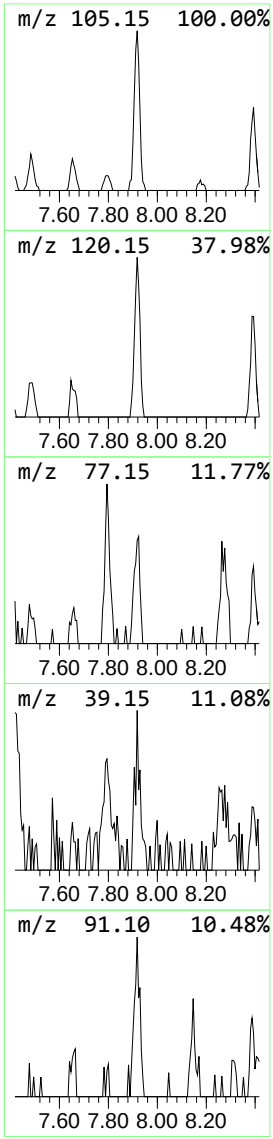
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.917	3.19 ng/ul	41354	1,4-Dichlorobenzene-d4	8.270

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051658.D
Acq On : 19 Dec 2021 11:03
Operator : CG/JU
Sample : M5154-03
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL83

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

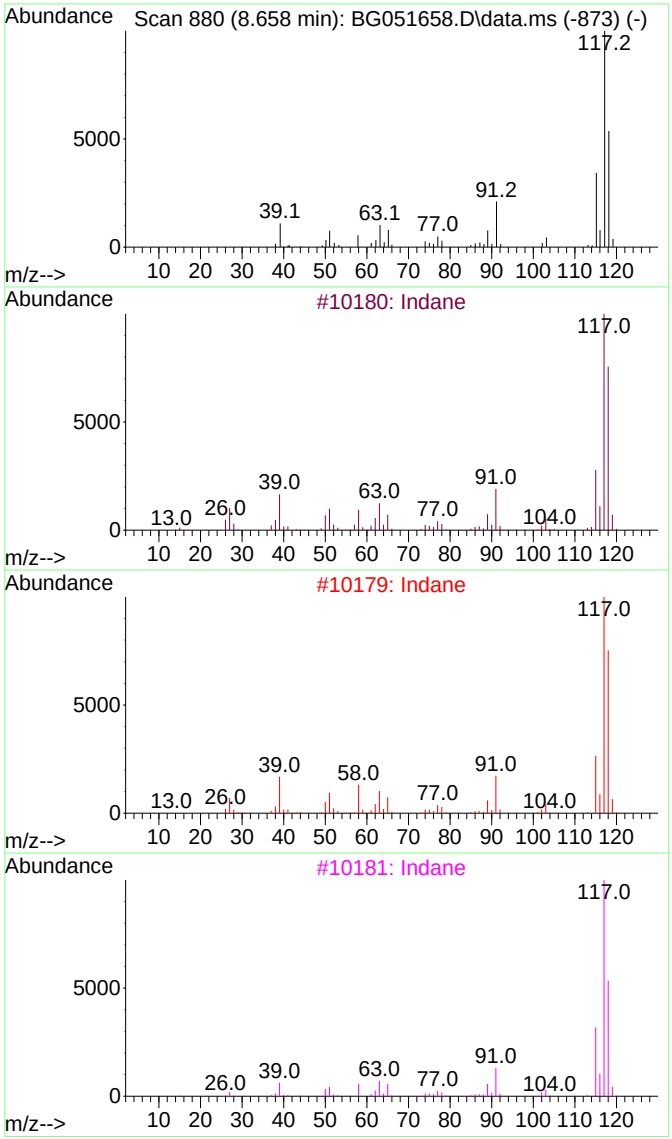
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

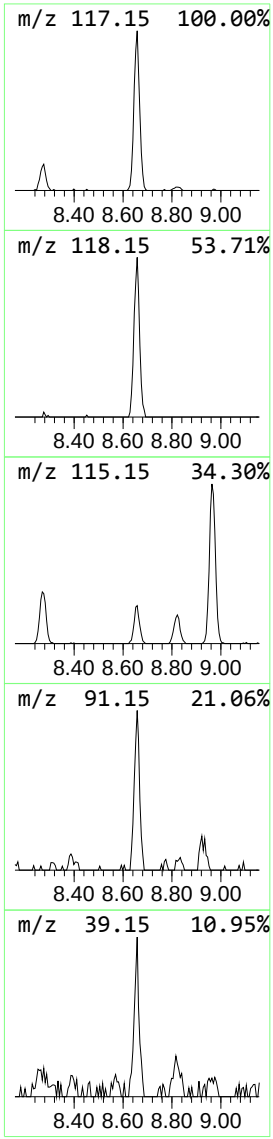
****

Peak Number 5 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.658	11.44 ng/ul	148324	1,4-Dichlorobenzene-d4	8.270

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	87
3	Indane	118	C9H10	000496-11-7	87
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051658.D
Acq On : 19 Dec 2021 11:03
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Sample : M5154-03
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ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_G
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

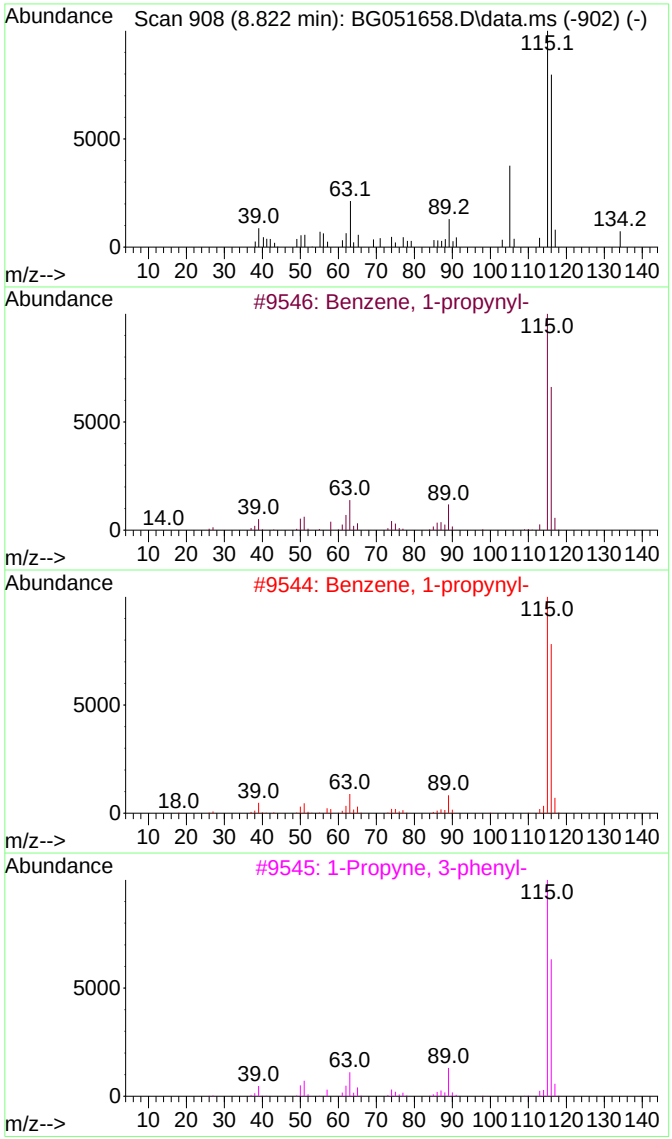
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

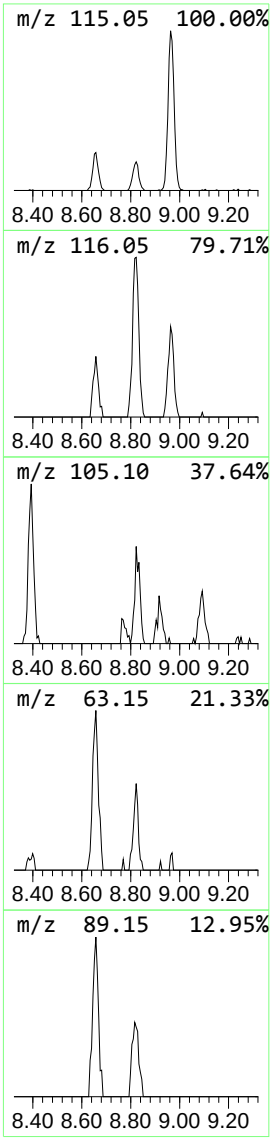
****

Peak Number 6 Benzene, 1-propynyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.822	4.07 ng/ul	52793	1,4-Dichlorobenzene-d4	8.270

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	83
3	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	81
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	81
5	Indene	116	C9H8	000095-13-6	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051658.D
Acq On : 19 Dec 2021 11:03
Operator : CG/JU
Sample : M5154-03
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL83

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

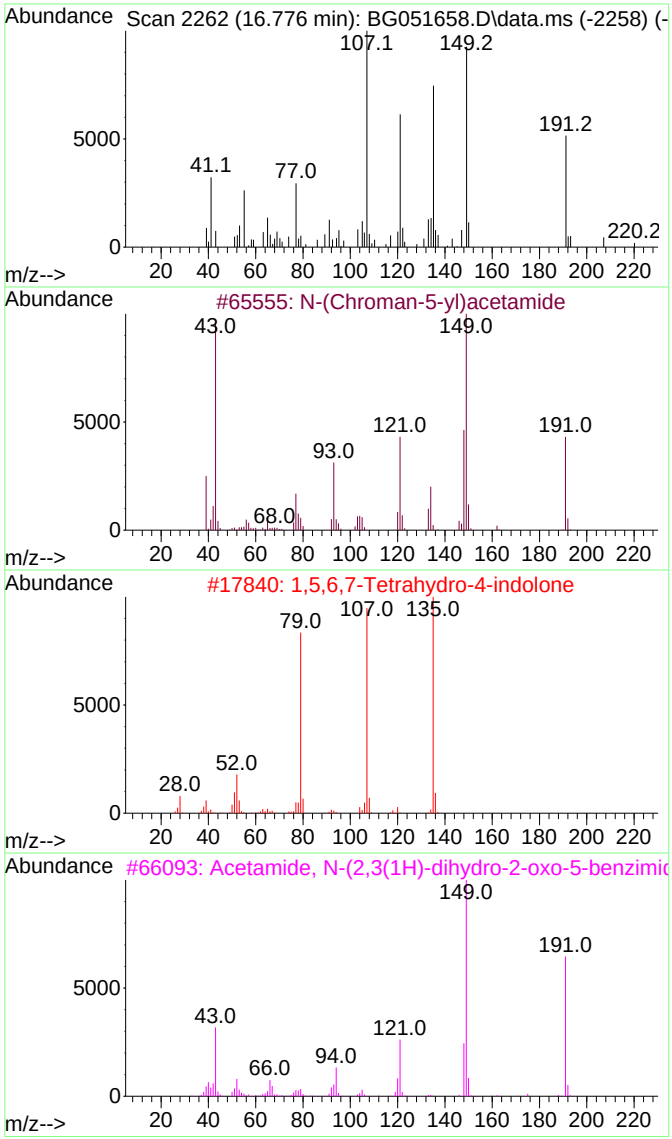
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

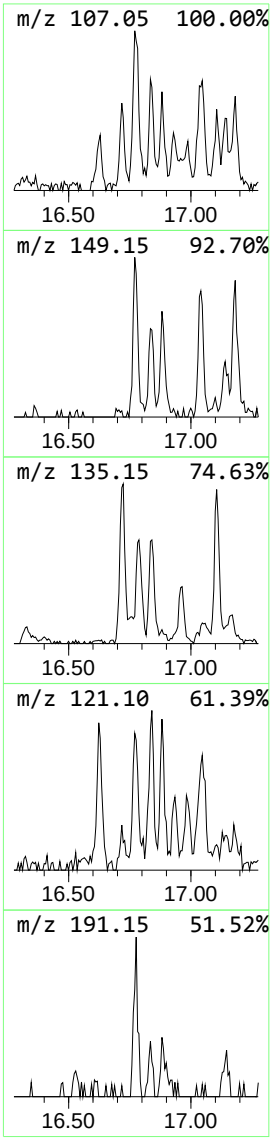
****

Peak Number 7 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.776	2.14 ng/ul	68083	Phenanthrene-d10	17.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(Chroman-5-yl)acetamide	191	C11H13NO2	1000306-69-8	45
2	1,5,6,7-Tetrahydro-4-indolone	135	C8H9NO	013754-86-4	35
3	Acetamide, N-(2,3(1H)-dihydro-2-...	191	C9H9N3O2	091085-68-6	30
4	4,4'-(1,2-diethylethylene)diphenol	270	C18H22O2	005635-50-7	27
5	2,3,5,6-Tetramethylacetanilide	191	C12H17NO	1000432-93-6	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051658.D
Acq On : 19 Dec 2021 11:03
Operator : CG/JU
Sample : M5154-03
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL83

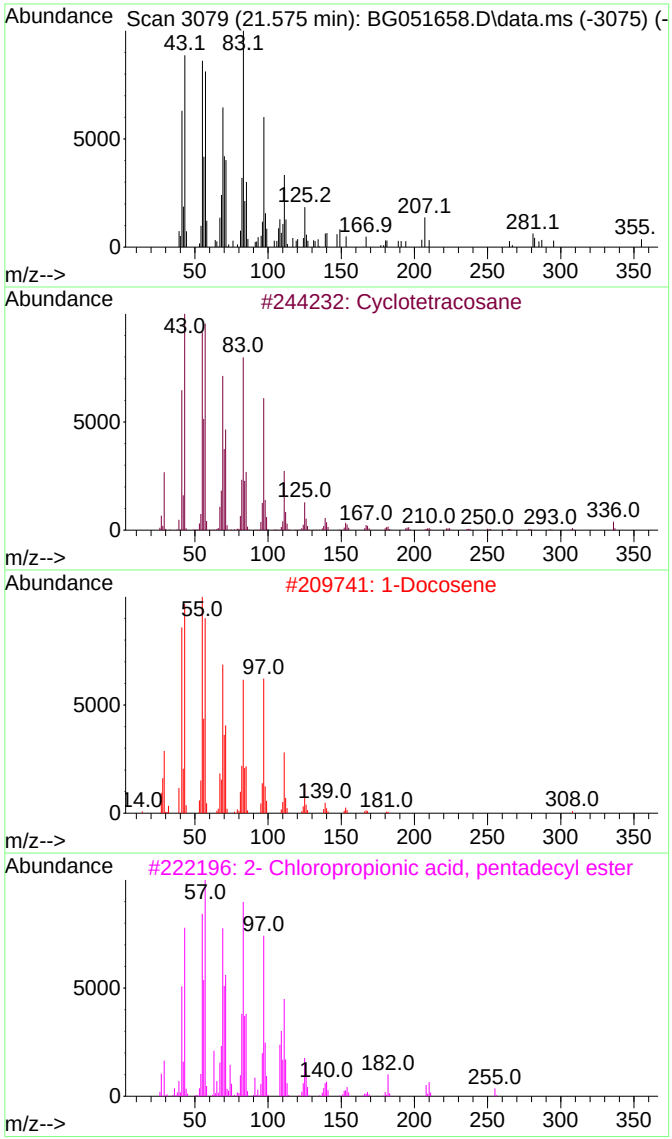
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

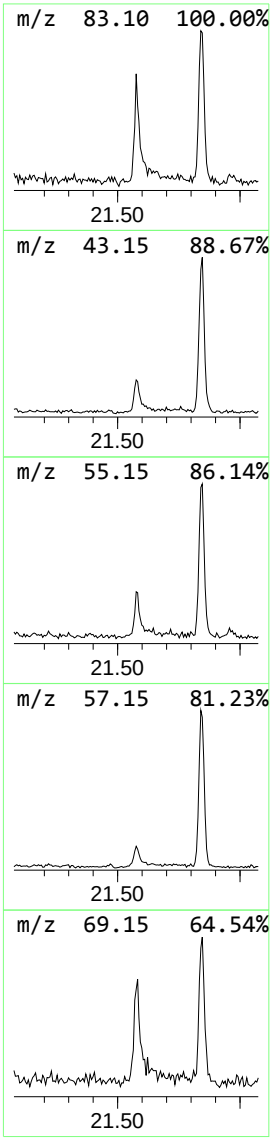
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic21.575 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.575	3.15 ng/ul	110378	Chrysene-d12	21.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	91
2	1-Docosene	308	C22H44	001599-67-3	81
3	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	81
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	81
5	1-Hexacosene	364	C26H52	018835-33-1	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051658.D
Acq On : 19 Dec 2021 11:03
Operator : CG/JU
Sample : M5154-03
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL83

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.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, 1,3-di...	6.255	3.5	ng/ul	45912	1	8.270	259310	20.0
Benzene, 1,2,3-...	7.917	3.2	ng/ul	41354	1	8.270	259310	20.0
Indane	8.658	11.4	ng/ul	148324	1	8.270	259310	20.0
Benzene, 1-prop...	8.822	4.1	ng/ul	52793	1	8.270	259310	20.0
unknown-01	16.776	2.1	ng/ul	68083	4	17.651	637675	20.0
(DEL) Alkane: C...	21.575	3.1	ng/ul	110378	5	21.975	701497	20.0