LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051643.D
Acq On : 19 Dec 2021 00:12
Operator : CG/JU
Sample : M5153-03
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGL68

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: BG051643.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.606	15	20	27	rVB2	9884	15543	1.47%	0.113%
2	3.982	77	84	88	rBV6	2497	4817	0.45%	0.035%
3	4.029	88	92	105	rBV	66301	110269	10.39%	0.805%
4	5.744	380	384	391	rVB3	14430	22371	2.11%	0.163%
5	5.879	402	407	416	rBV	35465	64303	6.06%	0.469%
6	6.261	467	472	479	rBV	13566	20382	1.92%	0.149%
7	6.743	548	554	557	rBV5	2262	4283	0.40%	0.031%
8	6.901	576	581	584	rBV5	2829	5390	0.51%	0.039%
9	7.248	635	640	645	rVB3	8781	16435	1.55%	0.120%
10	7.348	653	657	660	rVV2	11461	16926	1.60%	0.124%
11	7.406	660	667	676	rVV	186068	346406	32.65%	2.528%
12	7.489	676	681	687	rVB2	9931	14203	1.34%	0.104%
13	7.583	690	697	705	rBV	120017	206420	19.46%	1.507%
14	7.659	707	710	714	rVB2	6387	8515	0.80%	0.062%
15	7.800	725	734	745	rVB	170887	289597	27.30%	2.114%
16	7.923	747	755	760	rBV	37439	63388	5.98%	0.463%
17	8.276	807	815	821	rBV2	126979	223119	21.03%	1.629%
18	8.393	830	835	843	rBV3	10116	18036	1.70%	0.132%
19	8.470	844	848	852	rBV3	4054	6644	0.63%	0.048%
20	8.575	862	866	873	rVB3	4605	6306	0.59%	0.046%
21	8.658	873	880	887	rBV	59976	104845	9.88%	0.765%
22	8.828	903	909	914	rBV6	4883	9701	0.91%	0.071%
23	8.969	921	933	942	rBV	214268	388145	36.59%	2.833%
24	9.045	942	946	951	rBV5	3052	5090	0.48%	0.037%
25	9.133	956	961	965	rBV4	3612	6045	0.57%	0.044%
26	9.392	1001	1005	1006	rBV2	5379	6311	0.59%	0.046%
27	9.445	1007	1014	1020	rVB	157461	289970	27.33%	2.116%
28	9.645	1045	1048	1053	rVB3	5440	8471	0.80%	0.062%
29	9.774	1062	1070	1078	rVB6	8070	19111	1.80%	0.139%
30	9.868	1083	1086	1091	rVV4	4276	6389	0.60%	0.047%
31	9.921	1091	1095	1102	rVV3	6300	10335	0.97%	0.075%
32	9.985	1102	1106	1110	rVB3	8533	13761	1.30%	0.100%
33	10.173	1131	1138	1146	rBV	141233	259286	24.44%	1.892%
34	10.355	1165	1169	1178	rVB5	5990	11340	1.07%	0.083%
35	10.508	1189	1195	1200	rBV6	9812	18331	1.73%	0.134%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051643.D
Acq On : 19 Dec 2021 00:12
Operator : CG/JU
Sample : M5153-03
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGL68

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

36	10.720	1223	1231	1240	rBV	221302	400072	37.71%	2.920%
37	11.113	1287	1298	1302	rBV	184828	338487	31.91%	2.471%
38	11.166	1302	1307	1313	rVB	155342	270498	25.50%	1.974%
39	11.231	1313	1318	1325	rBV	94016	168824	15.91%	1.232%
40	12.124	1465	1470	1476	rBV2	4383	6413	0.60%	0.047%
41	12.505	1531	1535	1542	rVB4	10062	13420	1.26%	0.098%
42	12.652	1555	1560	1564	rBV3	9497	16314	1.54%	0.119%
43	12.752	1569	1577	1584	rBV	137688	236397	22.28%	1.725%
44	12.864	1590	1596	1601	rVB5	9784	19045	1.80%	0.139%
45	12.969	1605	1614	1623	rVB	158627	272356	25.67%	1.988%
46	13.304	1668	1671	1675	rVB	4534	5647	0.53%	0.041%
47	13.387	1683	1685	1691	rBV3	2852	4349	0.41%	0.032%
48	13.451	1691	1696	1702	rVB5	4809	8798	0.83%	0.064%
49	13.733	1737	1744	1751	rBV4	22654	48002	4.52%	0.350%
50	14.074	1798	1802	1803	rBV3	3740	4706	0.44%	0.034%
51	14.232	1825	1829	1834	rBV5	9670	16364	1.54%	0.119%
52	14.297	1834	1840	1846	rVV	397831	586933	55.33%	4.284%
53	14.379	1852	1854	1857	rVB4	5737	5746	0.54%	0.042%
54	14.426	1859	1862	1866	rVB3	4549	6183	0.58%	0.045%
55	14.544	1876	1882	1883	rVV4	4853	8132	0.77%	0.059%
56	14.603	1886	1892	1901	rVB	435655	699830	65.97%	5.108%
57	14.744	1912	1916	1919	rBV4	2966	5185	0.49%	0.038%
58	14.791	1919	1924	1932	rVB3	10401	15360	1.45%	0.112%
59	14.908	1935	1944	1951	rBV	302748	491813	46.36%	3.590%
60	14.973	1951	1955	1961	rVB	6518	10665	1.01%	0.078%
61	15.067	1965	1971	1979	rBV	182983	298998	28.18%	2.182%
62	15.125	1979	1981	1987	rVB5	3697	5878	0.55%	0.043%
63	15.296	2005	2010	2016	rBV4	12012	18223	1.72%	0.133%
64	15.484	2036	2042	2044	rBV4	2834	5677	0.54%	0.041%
65	15.531	2045	2050	2054	rVB4	6375	8019	0.76%	0.059%
66	15.572	2054	2057	2062	rVB6	4022	4357	0.41%	0.032%
67	15.631	2062	2067	2070	rBV4	3889	5836	0.55%	0.043%
68	15.695	2071	2078	2082	rBV7	12418	25731	2.43%	0.188%
69	15.895	2106	2112	2119	rBV	590499	925161	87.21%	6.753%
70	15.995	2124	2129	2137	rVB	135906	218151	20.56%	1.592%
71	16.147	2149	2155	2159	rBV5	5026	10197	0.96%	0.074%
72	16.241	2168	2171	2175	rVB5	4491	6255	0.59%	0.046%
73	16.306	2177	2182	2187	rBV8	4069	9186	0.87%	0.067%
74	16.400	2194	2198	2200	rBV4	4243	5150	0.49%	0.038%
75	16.529	2217	2220	2224	rBV6	4159	7138	0.67%	0.052%

LSC Area Percent Report

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Data File : BG051643.D
Acq On : 19 Dec 2021 00:12
Operator : CG/JU
Sample : M5153-03
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGL68

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

76	16.629	2233	2237	2241	rVB3	26771	38585	3.64%	0.282%
77	16.723	2248	2253	2257	rBV	33805	49233	4.64%	0.359%
78	16.776	2257	2262	2269	rVV4	45394	78577	7.41%	0.574%
79	16.841	2269	2273	2277	rBV3	39822	54581	5.14%	0.398%
80	16.882	2277	2280	2285	rVB4	23092	30062	2.83%	0.219%
81	16.941	2285	2290	2291	rBV4	9159	13727	1.29%	0.100%
82	17.046	2303	2308	2314	rVB4	29889	58151	5.48%	0.424%
83	17.105	2314	2318	2322	rBV	32491	48105	4.53%	0.351%
84	17.181	2328	2331	2338	rVB2	21731	29065	2.74%	0.212%
85	17.393	2364	2367	2370	rBV3	9095	8483	0.80%	0.062%
86	17.546	2391	2393	2399	rVB6	10833	13504	1.27%	0.099%
87	17.657	2405	2412	2418	rBV	395014	597480	56.32%	4.361%
88	17.757	2422	2429	2438	rVB	604051	925825	87.27%	6.757%
89	17.933	2455	2459	2468	rBV8	8554	19614	1.85%	0.143%
90	18.303	2518	2522	2528	rVB8	8616	15850	1.49%	0.116%
91	18.521	2555	2559	2565	rVV4	44759	63995	6.03%	0.467%
92	19.091	2652	2656	2660	rBV6	8400	12747	1.20%	0.093%
93	19.625	2745	2747	2751	rVB5	13395	13320	1.26%	0.097%
94	19.784	2771	2774	2779	rVB6	14722	17294	1.63%	0.126%
95	20.030	2810	2816	2822	rBV	722432	1060871	100.00%	7.743%
96	21.581	3076	3080	3091	rBV5	49848	106089	10.00%	0.774%
97	21.846	3120	3125	3133	rVB	216798	331654	31.26%	2.421%
98	21.975	3141	3147	3154	rVB	358708	622125	58.64%	4.541%
99	25.235	3692	3702	3714	rVB	348765	1047138	98.71%	7.643%
100	25.476	3733	3743	3752	rBV2	203559	610768	57.57%	4.458%

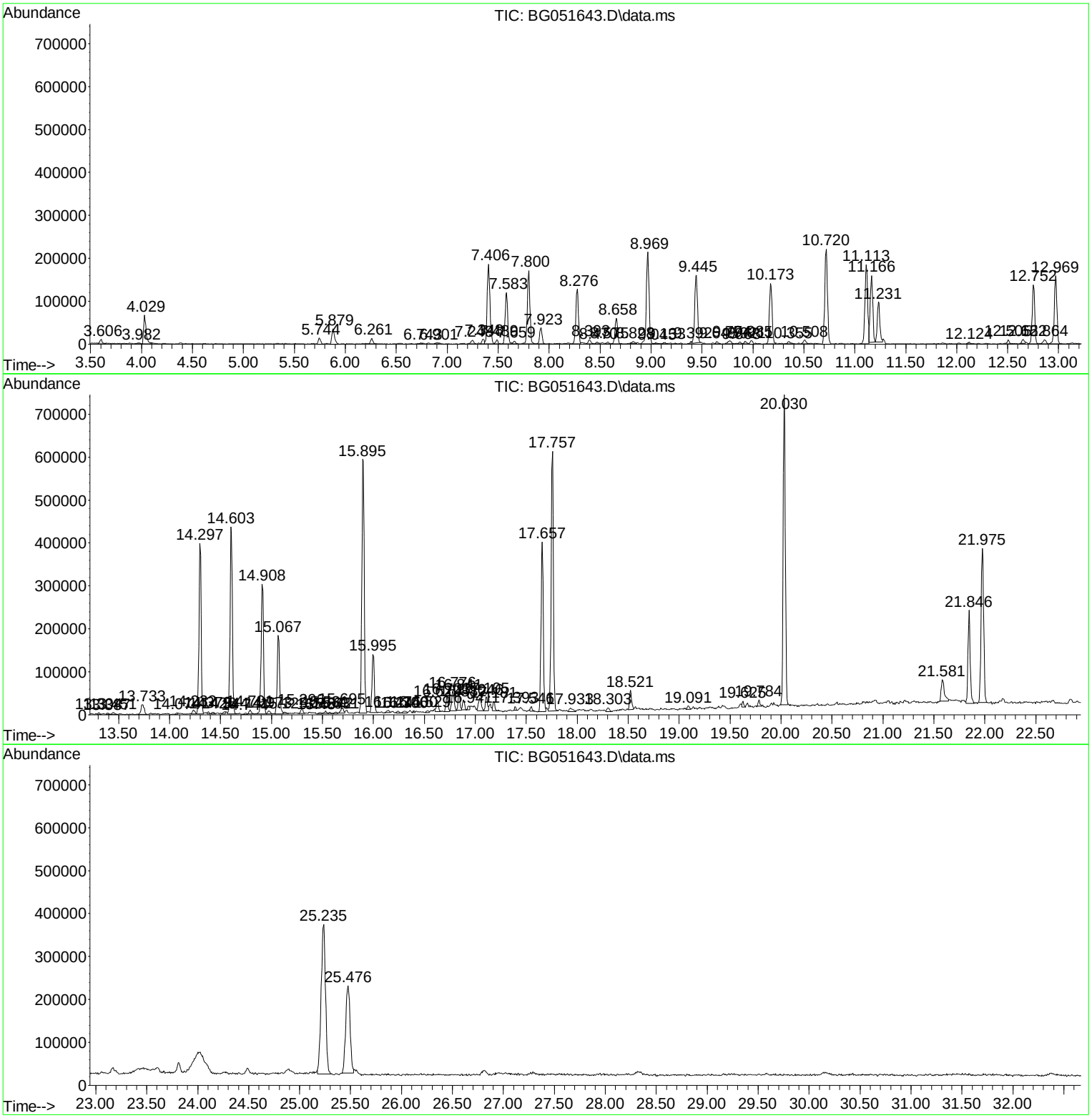
Sum of corrected areas: 13700823

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051643.D
Acq On : 19 Dec 2021 00:12
Operator : CG/JU
Sample : M5153-03
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL68

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 : BG051643.D
Acq On : 19 Dec 2021 00:12
Operator : CG/JU
Sample : M5153-03
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL68

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

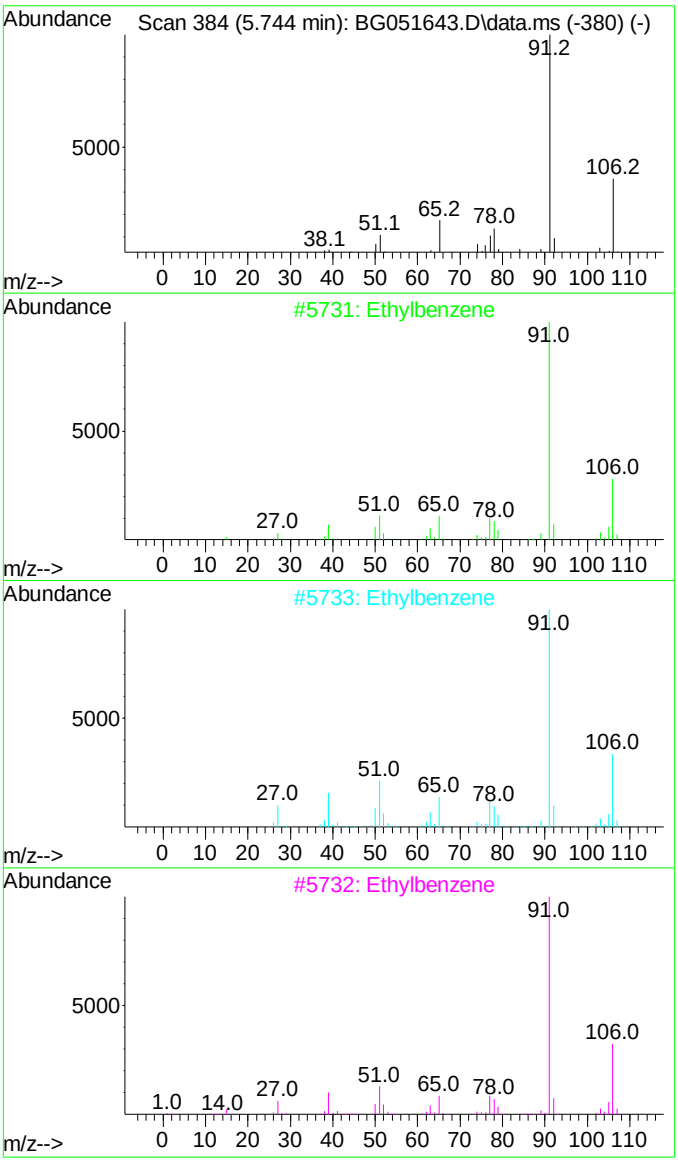
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

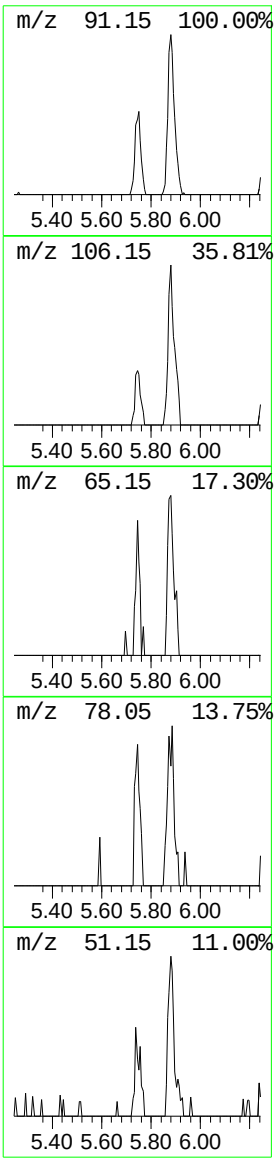
****

Peak Number 1 1,3-Cyclopentadiene, 5-(1-m... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.744	2.01 ng/ul	22371	1,4-Dichlorobenzene-d4	8.276

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	87
2	Ethylbenzene	106	C8H10	000100-41-4	86
3	Ethylbenzene	106	C8H10	000100-41-4	80
4	o-Xylene	106	C8H10	000095-47-6	80
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051643.D
Acq On : 19 Dec 2021 00:12
Operator : CG/JU
Sample : M5153-03
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL68

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

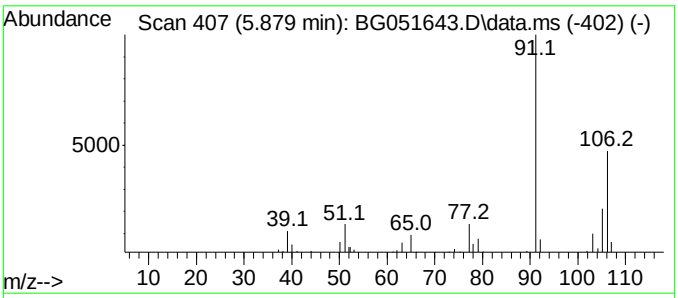
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

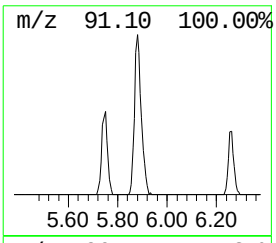
****

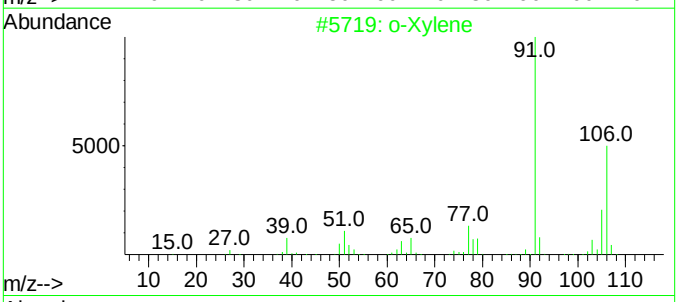
Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 2

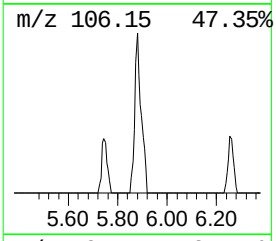
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.879	5.76 ng/ul	64303	1,4-Dichlorobenzene-d4	8.276

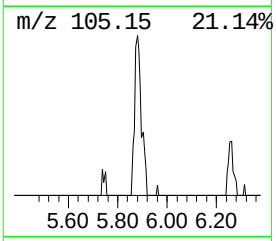
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	95
2	o-Xylene	106	C8H10	000095-47-6	95
3	p-Xylene	106	C8H10	000106-42-3	94
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
5	p-Xylene	106	C8H10	000106-42-3	94

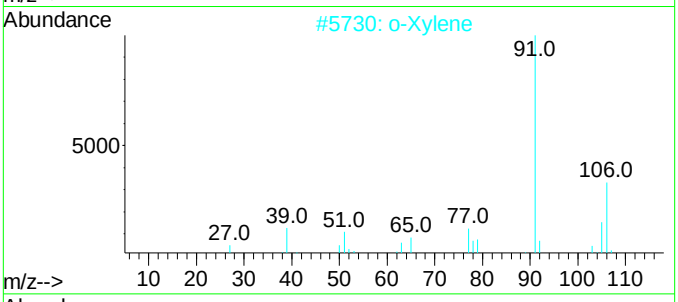


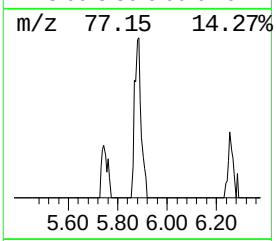


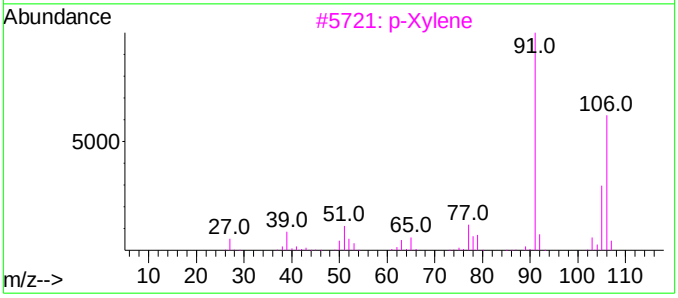


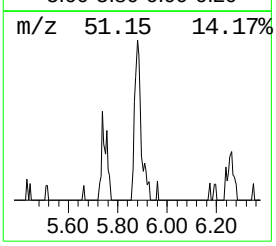












Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051643.D
Acq On : 19 Dec 2021 00:12
Operator : CG/JU
Sample : M5153-03
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL68

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

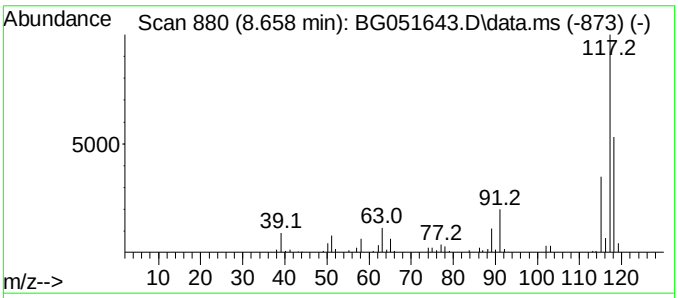
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

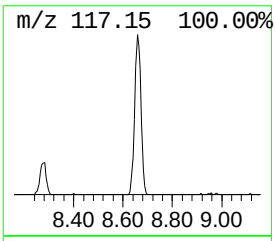
****

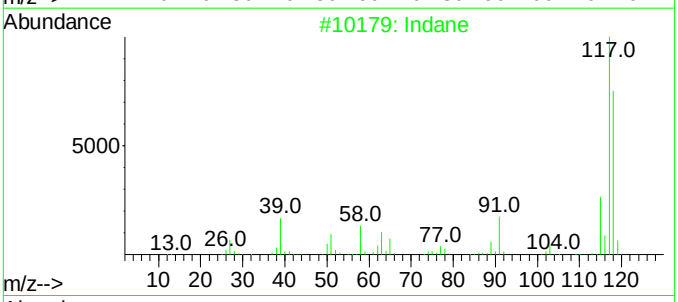
Peak Number 4 Indane Concentration Rank 1

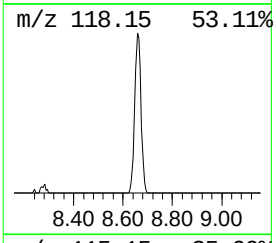
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.658	9.40 ng/ul	104845	1,4-Dichlorobenzene-d4	8.276

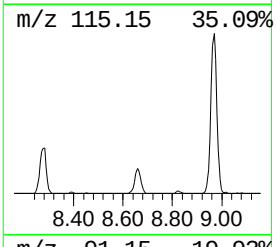
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	83
2	Indane	118	C9H10	000496-11-7	81
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	74
4	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	64
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60

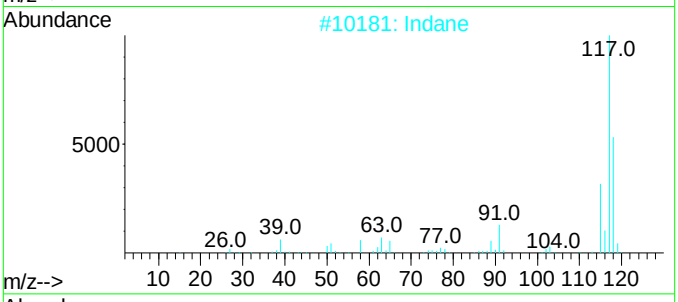


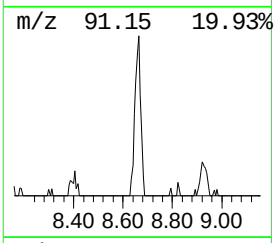


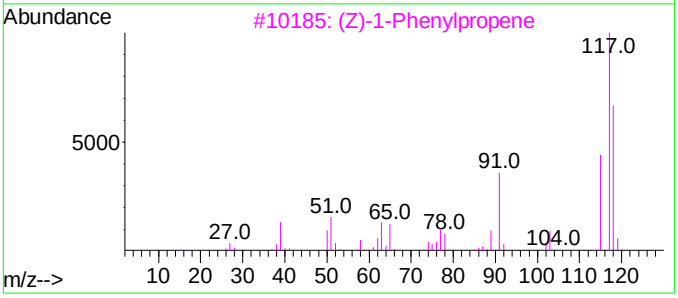


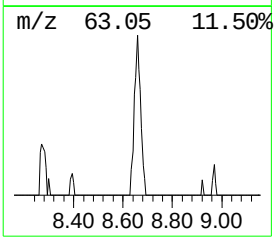












Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051643.D
Acq On : 19 Dec 2021 00:12
Operator : CG/JU
Sample : M5153-03
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL68

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

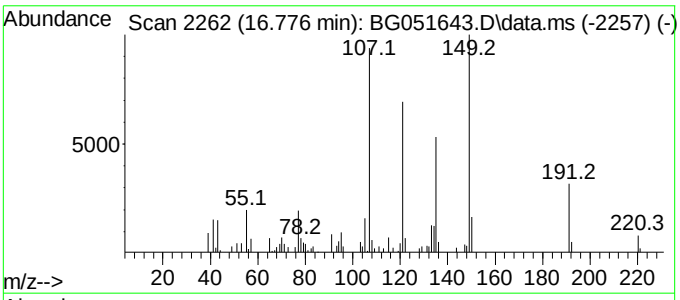
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

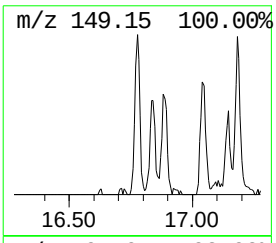
****

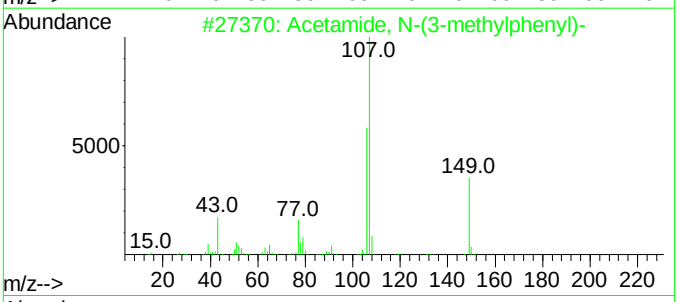
Peak Number 5 unknown-01 Concentration Rank 5

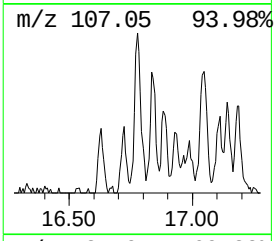
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.776	2.63 ng/ul	78577	Phenanthrene-d10	17.657

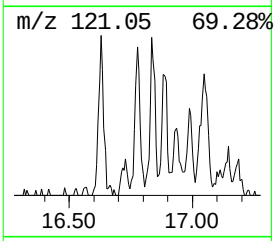
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	49
2	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	38
3	1,3-Cyclopentadiene, 1,3-bis(1-m...	150	C11H18	123278-27-3	38
4	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	38
5	Butanamide, N-(2-methylphenyl)-3...	191	C11H13NO2	000093-68-5	30

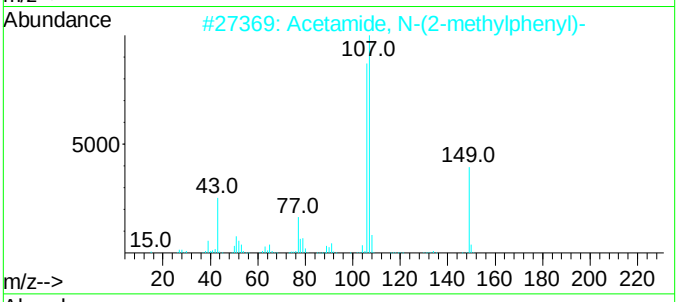


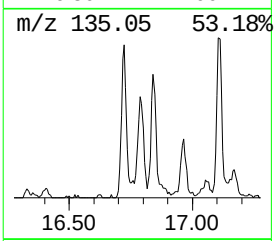


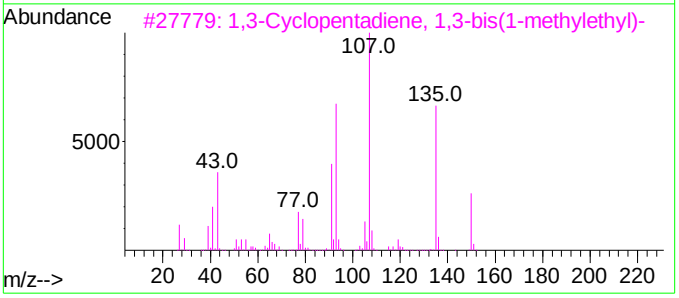


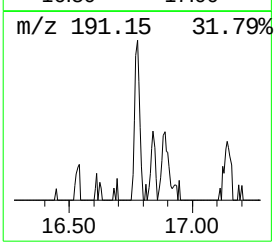












Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051643.D
Acq On : 19 Dec 2021 00:12
Operator : CG/JU
Sample : M5153-03
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL68

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

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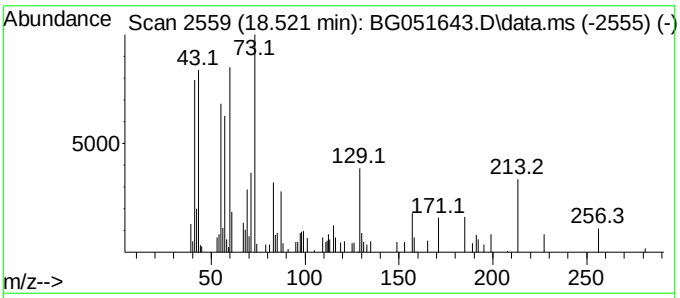
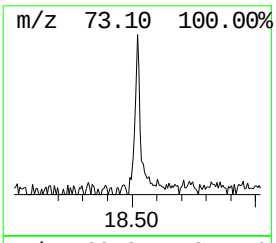
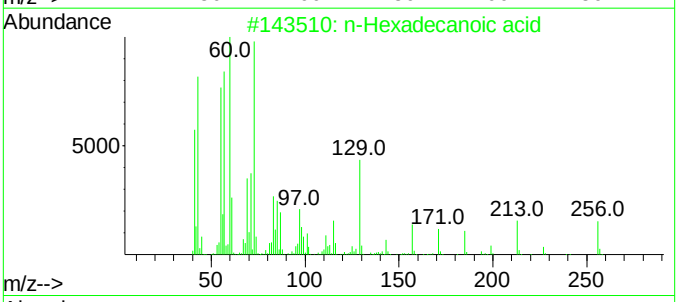
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

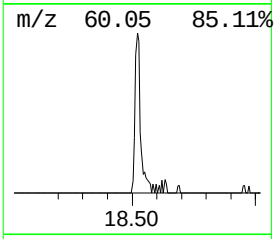
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.521	2.14 ng/ul	63995	Phenanthrene-d10	17.657

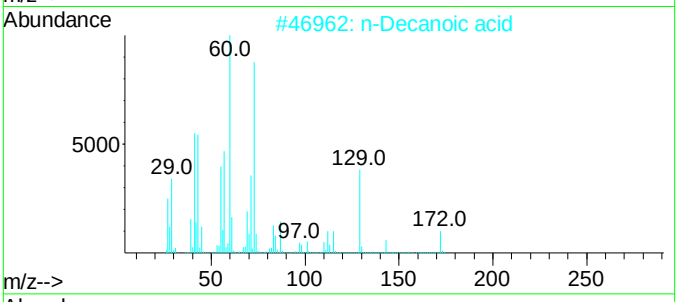
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	n-Decanoic acid	172	C10H20O2	000334-48-5	52
3	Tridecanoic acid	214	C13H26O2	000638-53-9	50
4	n-Decanoic acid	172	C10H20O2	000334-48-5	50
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50

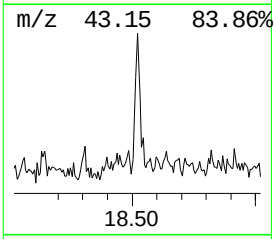


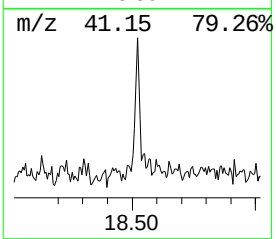


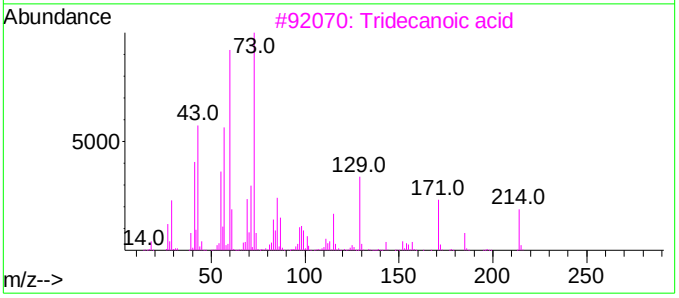


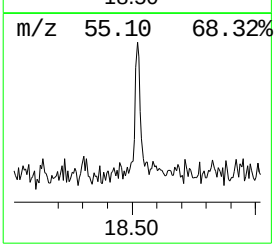












Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051643.D
Acq On : 19 Dec 2021 00:12
Operator : CG/JU
Sample : M5153-03
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL68

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

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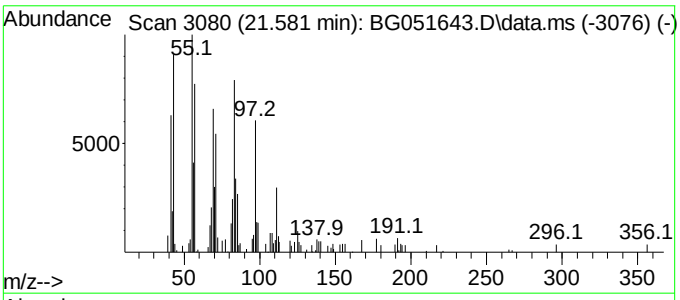
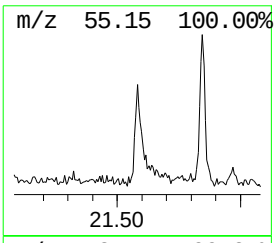
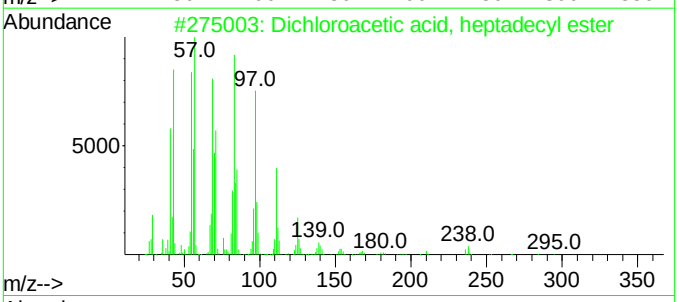
Peak Number 7 Dichloroacetic acid, heptad... Concentration Rank 4

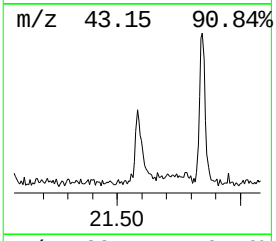
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.581	3.41 ng/ul	106089	Chrysene-d12	21.975

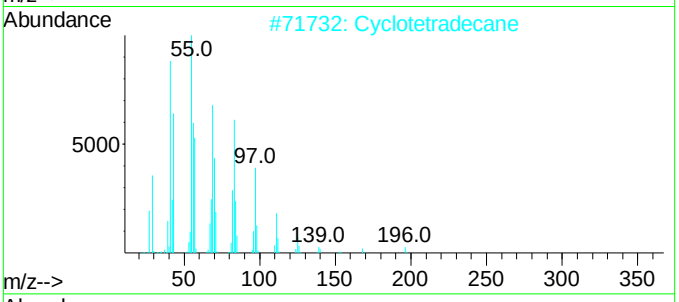
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
2	Cyclotetradecane	196	C14H28	000295-17-0	83
3	1-Octadecanol	270	C18H38O	000112-92-5	81
4	1-Docosene	308	C22H44	001599-67-3	74
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	70

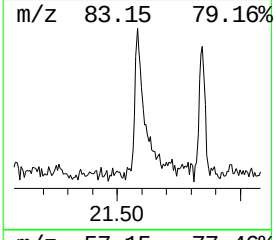


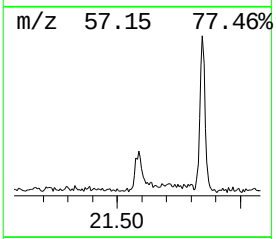


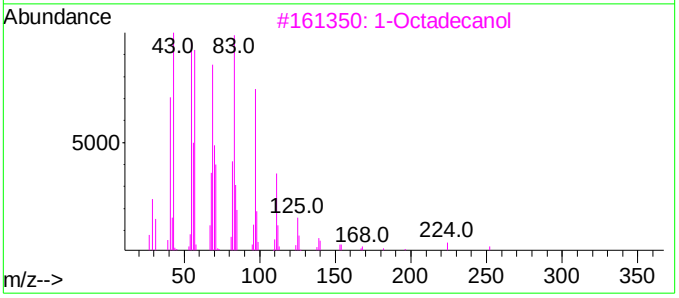


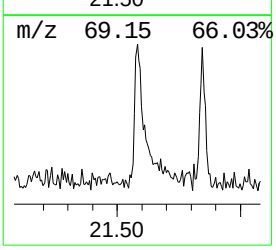












Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051643.D
Acq On : 19 Dec 2021 00:12
Operator : CG/JU
Sample : M5153-03
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL68

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
1,3-Cyclopentad...	5.744	2.0	ng/ul	22371	1	8.276	223119	20.0
Benzene, 1,3-di...	5.879	5.8	ng/ul	64303	1	8.276	223119	20.0
Indane	8.658	9.4	ng/ul	104845	1	8.276	223119	20.0
unknown-01	16.776	2.6	ng/ul	78577	4	17.657	597480	20.0
n-Hexadecanoic ...	18.521	2.1	ng/ul	63995	4	17.657	597480	20.0
Dichloroacetic ...	21.581	3.4	ng/ul	106089	5	21.975	622125	20.0