LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051651.D
Acq On : 19 Dec 2021 6:20
Operator : CG/JU
Sample : M5154-10
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGL90

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: BG051651.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.602	15	19	26	rVB	9609	15567	1.53%	0.112%
2	3.878	62	66	72	rVB4	3722	6651	0.66%	0.048%
3	4.025	86	91	102	rVV	123341	204564	20.16%	1.474%
4	4.213	119	123	128	rVB2	4296	5350	0.53%	0.039%
5	4.390	148	153	156	rVB3	6096	8051	0.79%	0.058%
6	5.747	378	384	391	rVB	37434	60477	5.96%	0.436%
7	5.876	401	406	415	rVB2	10375	25661	2.53%	0.185%
8	6.169	451	456	461	rBV3	4071	7489	0.74%	0.054%
9	6.258	465	471	479	rVV2	14754	26096	2.57%	0.188%
10	6.745	548	554	561	rBV6	9064	20436	2.01%	0.147%
11	7.245	629	639	644	rVB7	10252	22474	2.22%	0.162%
12	7.309	644	650	652	rVV2	4963	6537	0.64%	0.047%
13	7.350	652	657	660	rVV	7184	12035	1.19%	0.087%
14	7.403	660	666	676	rVV	185922	334517	32.97%	2.410%
15	7.579	689	696	705	rBV	115625	197465	19.46%	1.422%
16	7.679	705	713	722	rVV2	50399	102016	10.06%	0.735%
17	7.797	727	733	748	rVV	159541	287120	28.30%	2.068%
18	7.920	748	754	760	rVV	28817	45988	4.53%	0.331%
19	8.273	806	814	820	rBV	140902	250000	24.64%	1.801%
20	8.396	830	835	841	rVB3	11924	22606	2.23%	0.163%
21	8.472	842	848	853	rBV	19677	33633	3.32%	0.242%
22	8.654	873	879	885	rVB3	6135	10684	1.05%	0.077%
23	8.778	895	900	902	rBV4	4427	6202	0.61%	0.045%
24	8.825	902	908	913	rVV5	11674	22543	2.22%	0.162%
25	8.866	913	915	921	rVB5	5470	8005	0.79%	0.058%
26	8.966	921	932	940	rBV2	206278	372893	36.76%	2.686%
27	9.048	940	946	951	rBV4	4644	8399	0.83%	0.061%
28	9.395	999	1005	1007	rBV5	9783	14752	1.45%	0.106%
29	9.442	1007	1013	1020	rVB	155889	274845	27.09%	1.980%
30	9.870	1082	1086	1092	rVB3	4461	7030	0.69%	0.051%
31	9.923	1092	1095	1100	rBV3	6432	9662	0.95%	0.070%
32	9.982	1100	1105	1108	rBV3	8246	12484	1.23%	0.090%
33	10.176	1130	1138	1144	rBV	132185	245142	24.16%	1.766%
34	10.505	1189	1194	1201	rBV6	8042	17504	1.73%	0.126%
35	10.716	1224	1230	1240	rVB	210159	372830	36.75%	2.686%
36	10.857	1249	1254	1259	rBV3	5017	8254	0.81%	0.059%

LSC Area Percent Report

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Data File : BG051651.D
Acq On : 19 Dec 2021 6:20
Operator : CG/JU
Sample : M5154-10
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGL90

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	11.110	1284	1297	1302	rBV	192554	376719	37.13%	2.714%
38	11.163	1302	1306	1311	rVV	123334	215165	21.21%	1.550%
39	11.233	1311	1318	1331	rVB	179799	346618	34.17%	2.497%
40	11.932	1430	1437	1445	rVB5	8104	17005	1.68%	0.122%
41	12.114	1463	1468	1475	rBV5	6229	10430	1.03%	0.075%
42	12.508	1530	1535	1540	rVB4	8675	12744	1.26%	0.092%
43	12.731	1567	1573	1582	rVB2	31134	64335	6.34%	0.463%
44	12.860	1590	1595	1601	rVB2	16693	29560	2.91%	0.213%
45	12.972	1607	1614	1621	rVB2	28890	48963	4.83%	0.353%
46	13.125	1631	1640	1644	rBV5	4805	11515	1.14%	0.083%
47	13.301	1661	1670	1673	rBV7	4885	10766	1.06%	0.078%
48	13.348	1673	1678	1682	rVV3	14095	20571	2.03%	0.148%
49	13.383	1682	1684	1690	rVV5	5509	9630	0.95%	0.069%
50	13.448	1692	1695	1702	rVB4	5855	8926	0.88%	0.064%
51	13.730	1736	1743	1749	rBV5	19958	42806	4.22%	0.308%
52	13.806	1751	1756	1761	rBV2	7333	11262	1.11%	0.081%
53	13.959	1775	1782	1788	rBV3	2748	5716	0.56%	0.041%
54	14.071	1797	1801	1804	rBV3	6811	9304	0.92%	0.067%
55	14.235	1823	1829	1834	rBV5	25621	43731	4.31%	0.315%
56	14.300	1834	1840	1845	rVV	359667	538847	53.11%	3.882%
57	14.376	1851	1853	1858	rVV4	6706	9096	0.90%	0.066%
58	14.470	1865	1869	1871	rVV3	4075	5864	0.58%	0.042%
59	14.499	1871	1874	1877	rVV3	5391	6423	0.63%	0.046%
60	14.535	1877	1880	1881	rVV	5045	5541	0.55%	0.040%
61	14.605	1885	1892	1901	rVB	416429	649457	64.02%	4.678%
62	14.793	1920	1924	1931	rVV4	10805	21735	2.14%	0.157%
63	14.911	1937	1944	1951	rVB	334438	517294	50.99%	3.726%
64	14.969	1951	1954	1961	rVB4	3386	7339	0.72%	0.053%
65	15.069	1964	1971	1979	rBV	173710	277419	27.34%	1.998%
66	15.298	2004	2010	2015	rBV4	11790	20934	2.06%	0.151%
67	15.369	2020	2022	2026	rBV3	3980	5784	0.57%	0.042%
68	15.492	2037	2043	2044	rBV5	6474	11542	1.14%	0.083%
69	15.510	2044	2046	2053	rVB7	9479	18339	1.81%	0.132%
70	15.663	2067	2072	2082	rBV2	136208	273177	26.93%	1.968%
71	15.897	2105	2112	2119	rVV	632131	970168	95.63%	6.989%
72	15.997	2122	2129	2136	rVV	140824	202391	19.95%	1.458%
73	16.403	2194	2198	2200	rBV3	8049	12413	1.22%	0.089%
74	16.626	2232	2236	2240	rVB2	30290	42306	4.17%	0.305%
75	16.720	2247	2252	2256	rBV	38954	53800	5.30%	0.388%
76	16.779	2257	2262	2268	rVB3	46836	88615	8.73%	0.638%

LSC Area Percent Report

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Data File : BG051651.D
Acq On : 19 Dec 2021 6:20
Operator : CG/JU
Sample : M5154-10
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGL90

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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Peak separation: 5

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

77	16.837	2268	2272	2276	rBV2	40910	57239	5.64%	0.412%
78	16.884	2277	2280	2284	rVB4	23084	30430	3.00%	0.219%
79	16.937	2285	2289	2291	rBV4	10980	15139	1.49%	0.109%
80	17.043	2303	2307	2313	rVB5	29429	56204	5.54%	0.405%
81	17.108	2313	2318	2321	rBV	34429	50246	4.95%	0.362%
82	17.178	2327	2330	2337	rVB3	18851	30475	3.00%	0.220%
83	17.395	2363	2367	2370	rBV4	9399	11015	1.09%	0.079%
84	17.548	2390	2393	2398	rVB6	12839	17766	1.75%	0.128%
85	17.654	2405	2411	2417	rBV	406672	633582	62.45%	4.564%
86	17.754	2422	2428	2434	rVB	549439	839377	82.74%	6.047%
87	17.936	2455	2459	2467	rVB2	32270	53530	5.28%	0.386%
88	18.306	2518	2522	2527	rVB	35433	45647	4.50%	0.329%
89	18.517	2554	2558	2564	rBV4	29236	46505	4.58%	0.335%
90	18.817	2607	2609	2614	rBV6	6362	8990	0.89%	0.065%
91	19.745	2763	2767	2771	rBV	25121	40681	4.01%	0.293%
92	19.904	2792	2794	2796	rBV2	7789	5632	0.56%	0.041%
93	20.033	2810	2816	2824	rBV	682672	1014522	100.00%	7.308%
94	21.208	3014	3016	3026	rVB4	20286	32580	3.21%	0.235%
95	21.584	3075	3080	3087	rBV4	46473	96659	9.53%	0.696%
96	21.842	3119	3124	3135	rVB	194174	281543	27.75%	2.028%
97	21.977	3140	3147	3155	rVB	407631	712786	70.26%	5.135%
98	23.158	3345	3348	3352	rBV3	12584	19013	1.87%	0.137%
99	25.232	3691	3701	3712	rVB2	329357	971893	95.80%	7.001%
100	25.473	3732	3742	3754	rBV3	227932	690181	68.03%	4.972%

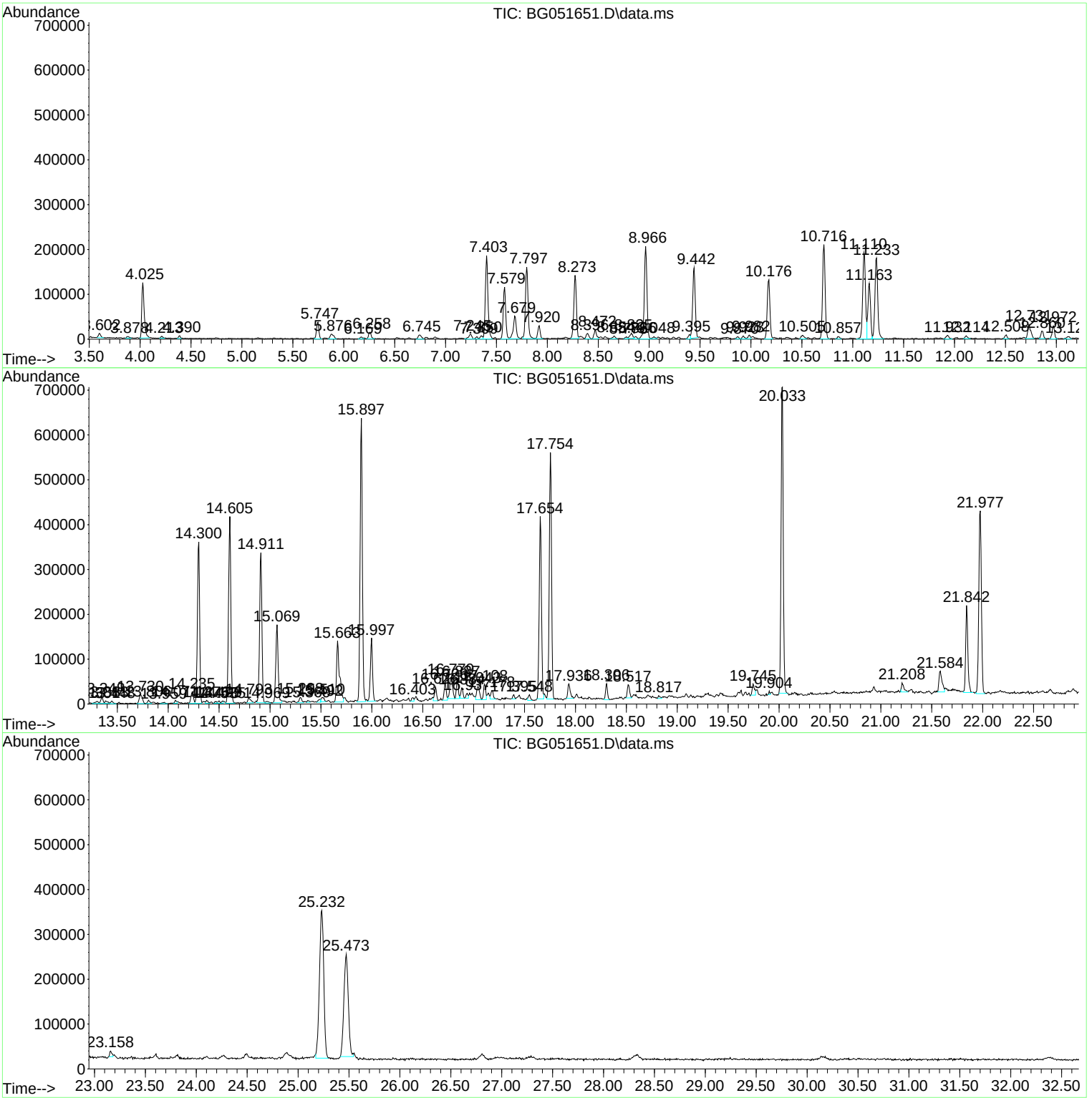
Sum of corrected areas: 13881847

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051651.D
Acq On : 19 Dec 2021 6:20
Operator : CG/JU
Sample : M5154-10
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL90

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 : BG051651.D
Acq On : 19 Dec 2021 6:20
Operator : CG/JU
Sample : M5154-10
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL90

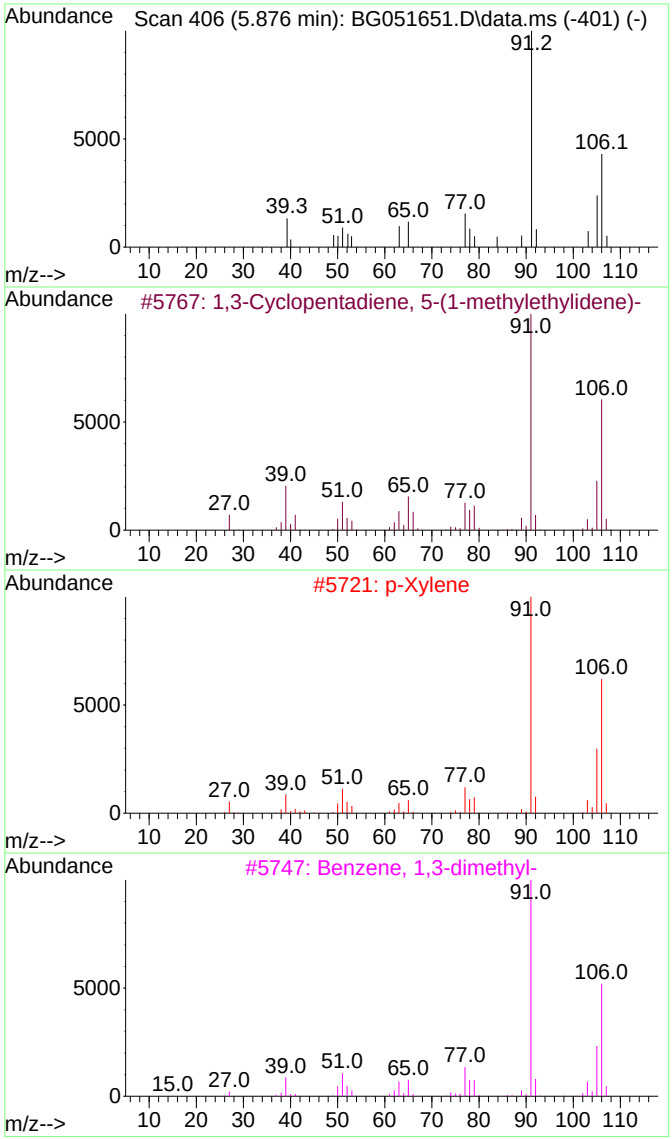
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

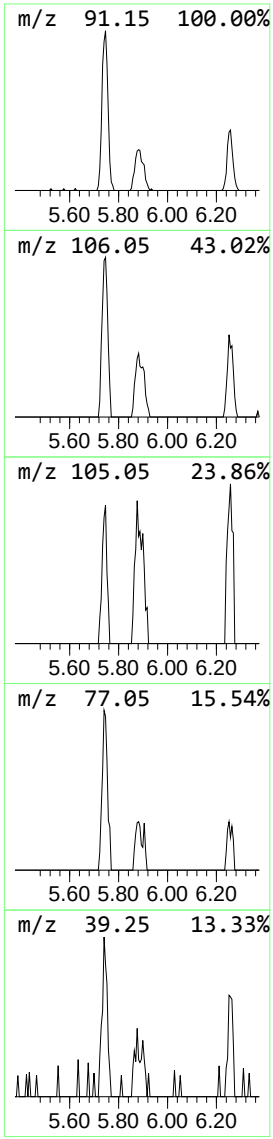
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,3-Cyclopentadiene, 5-(1-m... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.876	2.05 ng/ul	25661	1,4-Dichlorobenzene-d4	8.273

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	90
2	p-Xylene	106	C8H10	000106-42-3	90
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	87
4	o-Xylene	106	C8H10	000095-47-6	87
5	p-Xylene	106	C8H10	000106-42-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051651.D
Acq On : 19 Dec 2021 6:20
Operator : CG/JU
Sample : M5154-10
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL90

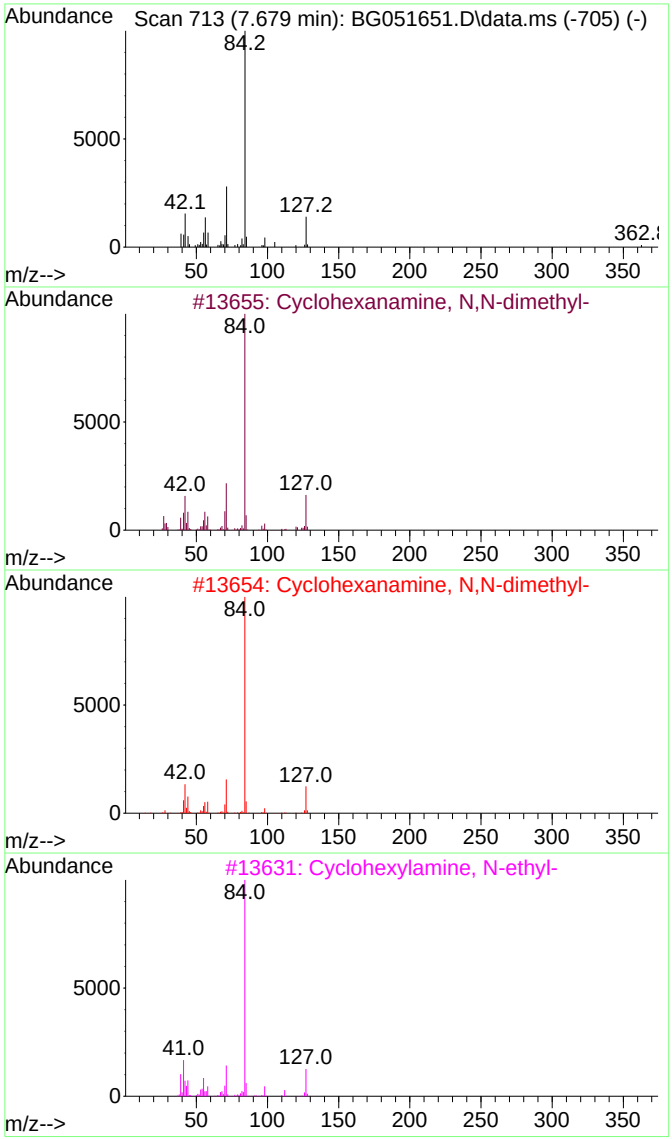
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

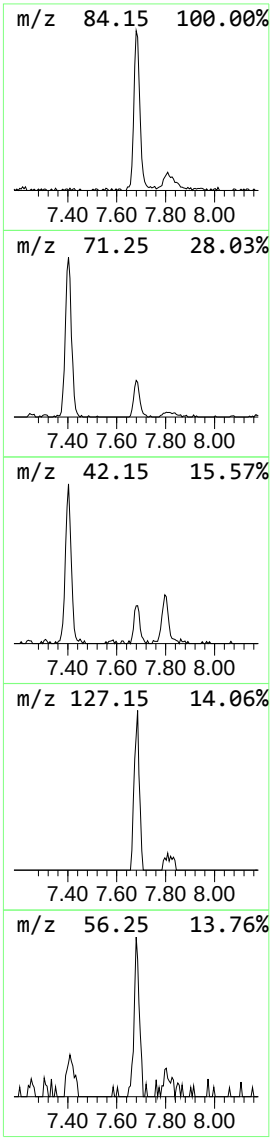
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclohexanamine, N,N-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.679	8.16 ng/ul	102016	1,4-Dichlorobenzene-d4	8.273

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanamine, N,N-dimethyl-	127	C8H17N	000098-94-2	86
2	Cyclohexanamine, N,N-dimethyl-	127	C8H17N	000098-94-2	80
3	Cyclohexylamine, N-ethyl-	127	C8H17N	005459-93-8	72
4	Cyclohexylamine, N-ethyl-	127	C8H17N	005459-93-8	64
5	N,N-Dimethyl-3-piperidinamine, N...	224	C9H15F3N2O	1480402-14-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051651.D
Acq On : 19 Dec 2021 6:20
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Sample : M5154-10
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL90

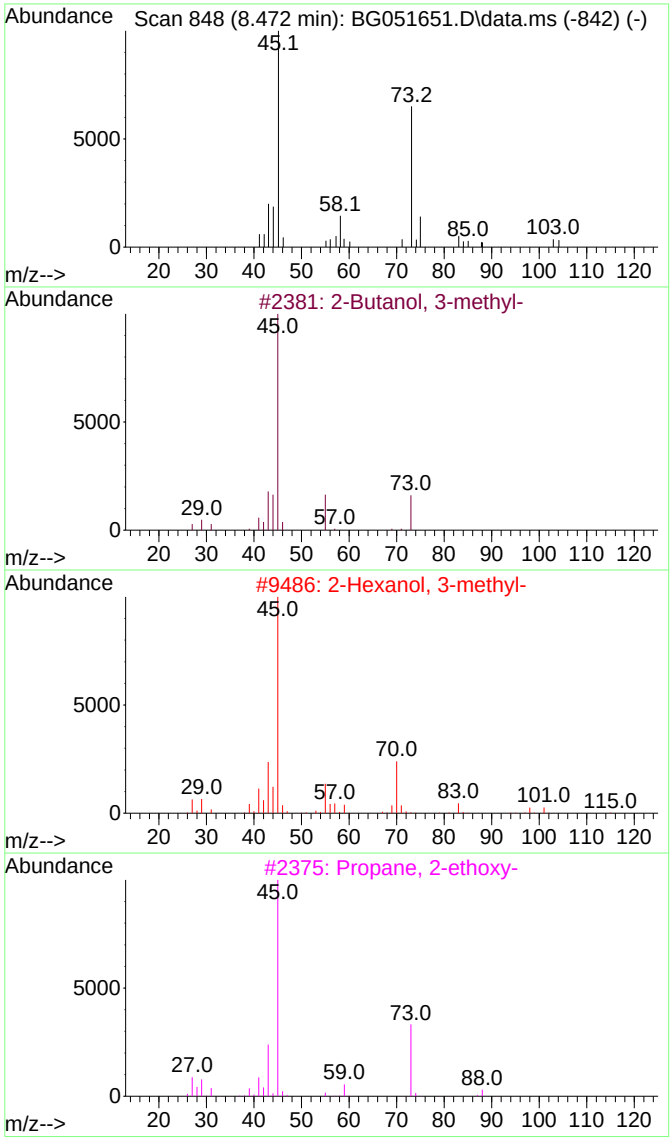
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

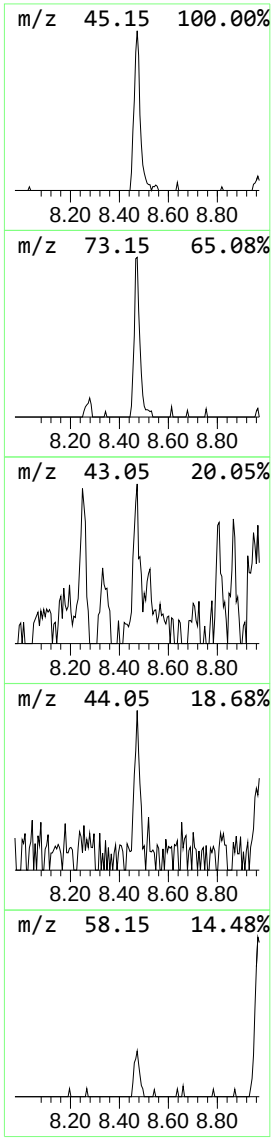
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-Butanol, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.472	2.69 ng/ul	33633	1,4-Dichlorobenzene-d4	8.273

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	53
2	2-Hexanol, 3-methyl-	116	C7H16O	002313-65-7	53
3	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	50
4	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	45
5	3-Nitro-2-butanol	119	C4H9NO3	006270-16-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051651.D
Acq On : 19 Dec 2021 6:20
Operator : CG/JU
Sample : M5154-10
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL90

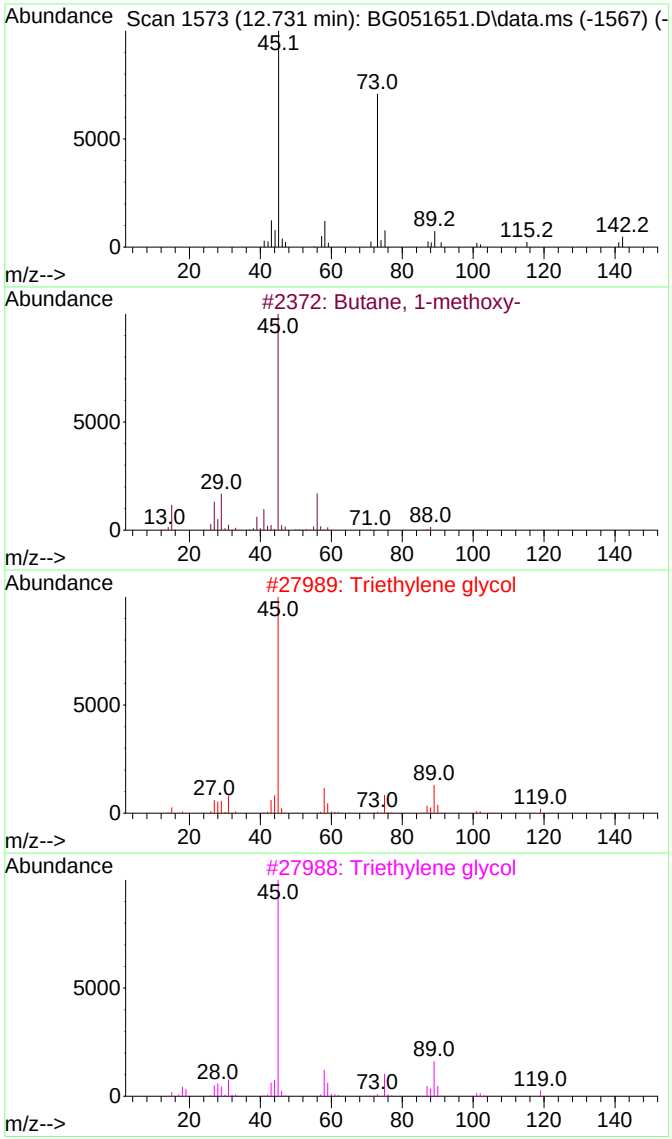
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

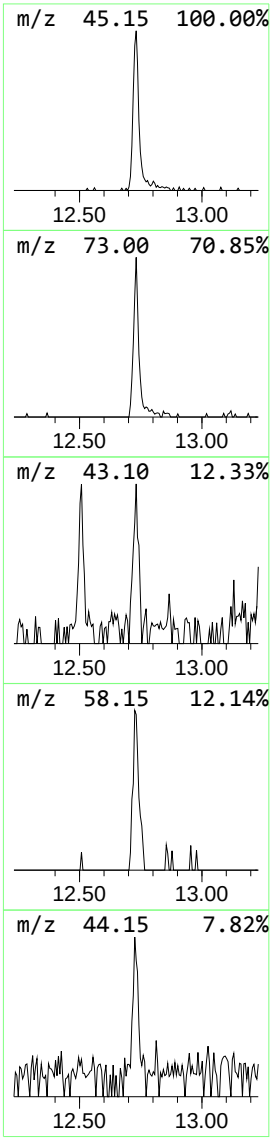
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Butane, 1-methoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.731	3.42 ng/ul	64335	Naphthalene-d8	11.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1-methoxy-	88	C5H12O	000628-28-4	53
2	Triethylene glycol	150	C6H14O4	000112-27-6	50
3	Triethylene glycol	150	C6H14O4	000112-27-6	50
4	Triethylene glycol	150	C6H14O4	000112-27-6	50
5	Ethane, 1,1-diethoxy-	118	C6H14O2	000105-57-7	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051651.D
Acq On : 19 Dec 2021 6:20
Operator : CG/JU
Sample : M5154-10
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL90

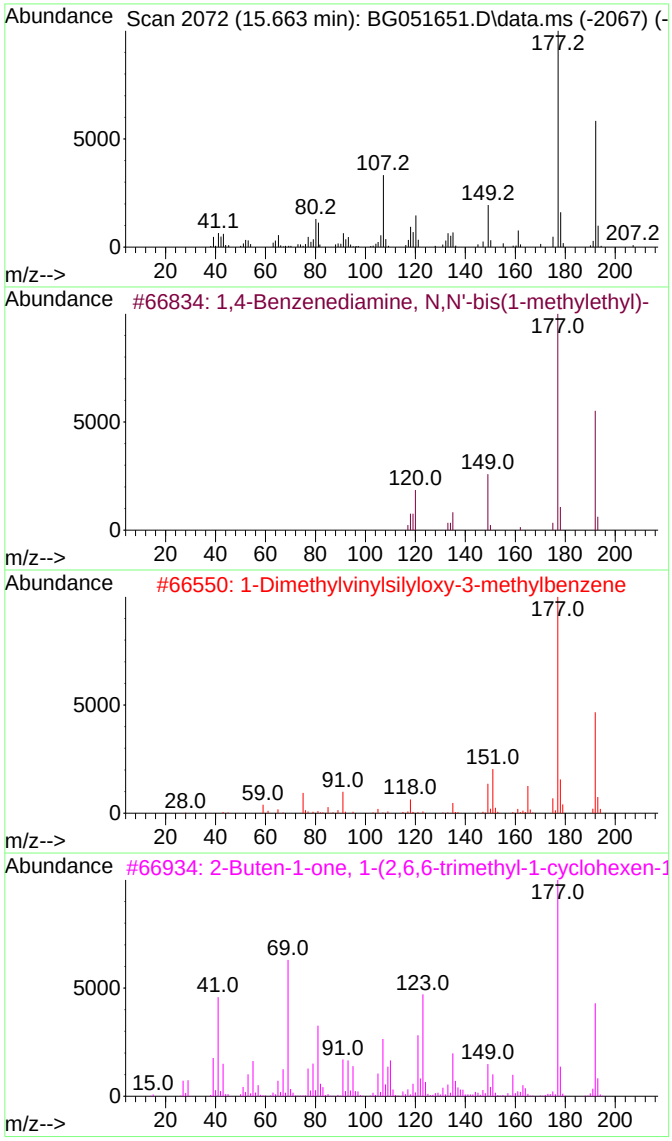
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

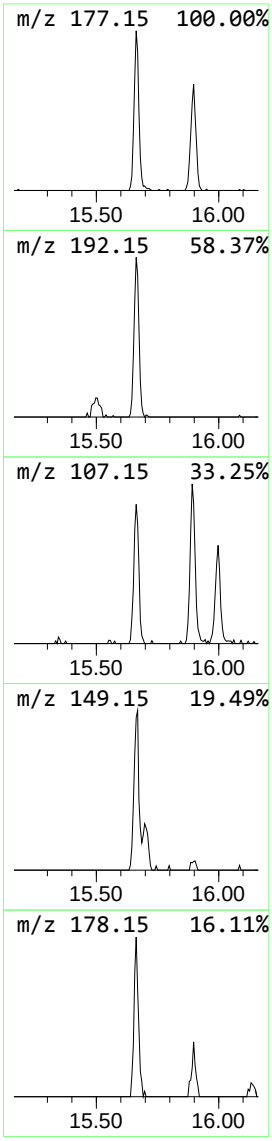
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,4-Benzenediamine, N,N'-bi... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.663	10.56 ng/ul	273177	Acenaphthene-d10	14.911

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenediamine, N,N'-bis(1-m...	192	C12H20N2	004251-01-8	97
2	1-Dimethylvinylsilyloxy-3-methyl...	192	C11H16OSi	1000307-91-6	74
3	2-Buten-1-one, 1-(2,6,6-trimethy...	192	C13H20O	035044-68-9	72
4	N-[4-(Ethyl-methyl-amino)-phenyl...	192	C11H16N2O	099981-45-0	64
5	2,6-Diisopropylanisole	192	C13H20O	002944-52-7	64





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Data File : BG051651.D
Acq On : 19 Dec 2021 6:20
Operator : CG/JU
Sample : M5154-10
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL90

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

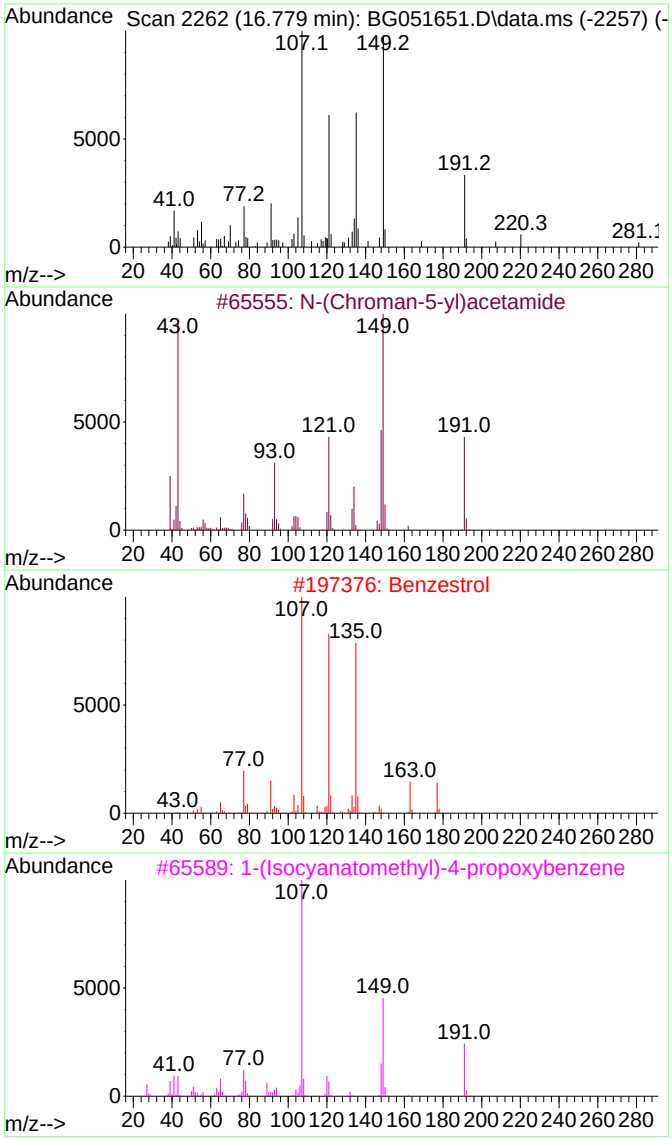
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

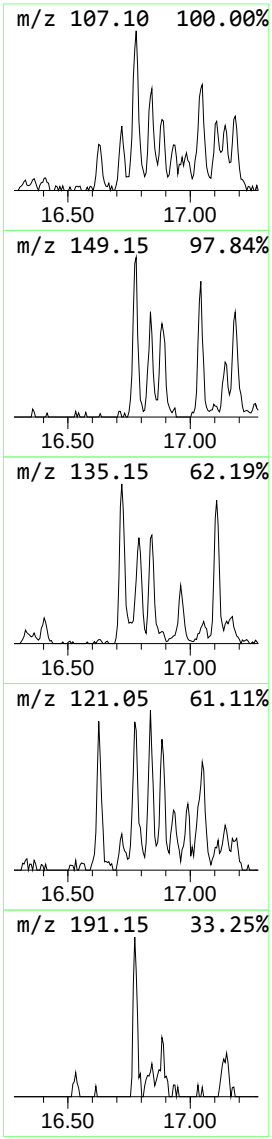
****

Peak Number 9 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.779	2.80 ng/ul	88615	Phenanthrene-d10	17.654

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(Chroman-5-yl)acetamide	191	C11H13NO2	1000306-69-8	46
2	Benzestrol	298	C20H26O2	000085-95-0	43
3	1-(Isocyanatomethyl)-4-propoxybe...	191	C11H13NO2	936095-07-7	38
4	Hexestrol	270	C18H22O2	000084-16-2	38
5	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051651.D
Acq On : 19 Dec 2021 6:20
Operator : CG/JU
Sample : M5154-10
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL90

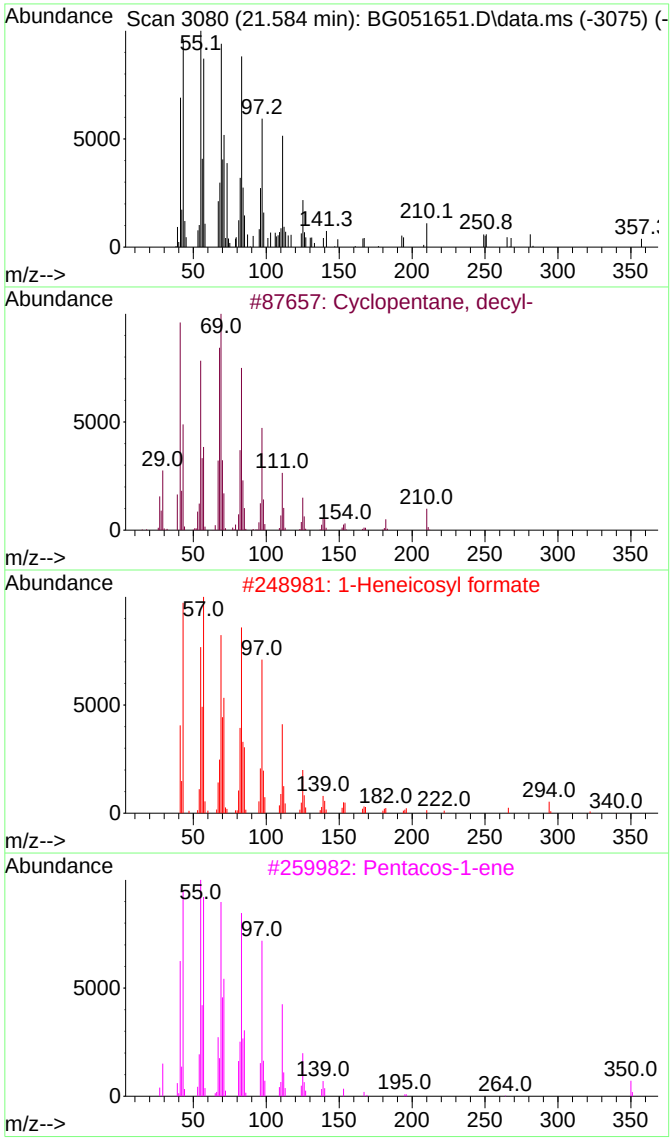
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

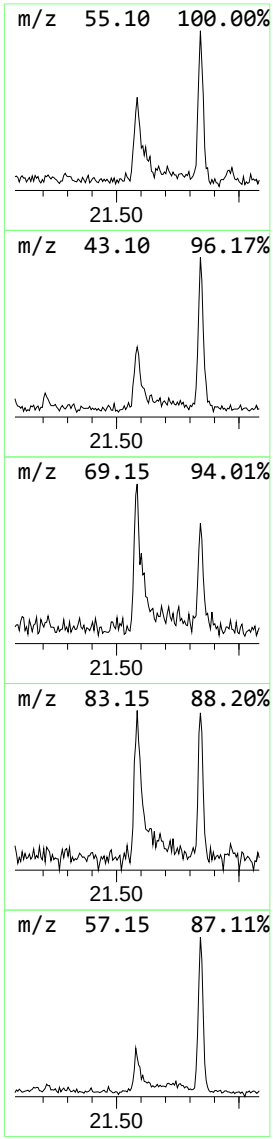
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic21.584 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.584	2.71 ng/ul	96659	Chrysene-d12	21.977

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, decyl-	210	C15H30	001795-21-7	93
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	87
3	Pentacos-1-ene	350	C25H50	016980-85-1	86
4	Cyclopentadecane	210	C15H30	000295-48-7	83
5	1-Hexacosene	364	C26H52	018835-33-1	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051651.D
Acq On : 19 Dec 2021 6:20
Operator : CG/JU
Sample : M5154-10
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGL90

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...	5.876	2.0	ng/ul	25661	1	8.273	250000	20.0
Cyclohexanamine...	7.679	8.2	ng/ul	102016	1	8.273	250000	20.0
2-Butanol, 3-me...	8.472	2.7	ng/ul	33633	1	8.273	250000	20.0
Butane, 1-methoxy-	12.731	3.4	ng/ul	64335	2	11.110	376719	20.0
1,4-Benzenediam...	15.663	10.6	ng/ul	273177	3	14.911	517294	20.0
unknown-01	16.779	2.8	ng/ul	88615	4	17.654	633582	20.0
(DEL) Alkane: C...	21.584	2.7	ng/ul	96659	5	21.977	712786	20.0