LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
Data File : BG049292.D
Acq On : 11 Jul 2021 9:27
Operator : CG/JU
Sample : M2914-11
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBK29

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-BG070921.M
Title : SVOA CALIBRATION

Signal : TIC: BG049292.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.115	8	13	23	rBV	112754	226624	19.55%	2.009%
2	3.198	23	27	33	rVB	45140	73388	6.33%	0.651%
3	3.891	141	145	155	rBV	33076	66342	5.72%	0.588%
4	4.220	196	201	204	rBV5	2428	4949	0.43%	0.044%
5	5.360	391	395	402	rVB4	8311	16104	1.39%	0.143%
6	6.147	526	529	533	rVB4	1964	2524	0.22%	0.022%
7	6.282	548	552	554	rBV3	1268	2026	0.17%	0.018%
8	7.222	706	712	724	rVB2	38836	73277	6.32%	0.650%
9	7.393	734	741	749	rBV	81341	137347	11.85%	1.218%
10	7.598	770	776	786	rBV	111077	201762	17.40%	1.789%
11	8.074	850	857	864	rBV	104825	184729	15.93%	1.638%
12	8.297	892	895	901	rVB5	4405	6631	0.57%	0.059%
13	8.427	911	917	923	rBV4	5182	10424	0.90%	0.092%
14	8.773	970	976	984	rBV2	110308	197190	17.01%	1.748%
15	9.055	1020	1024	1027	rVB2	1603	1830	0.16%	0.016%
16	9.237	1049	1055	1064	rVB	131944	238258	20.55%	2.112%
17	9.396	1079	1082	1085	rBV3	2265	2741	0.24%	0.024%
18	9.496	1091	1099	1103	rBV4	2034	4573	0.39%	0.041%
19	9.537	1103	1106	1111	rVB2	1599	2166	0.19%	0.019%
20	9.725	1135	1138	1141	rBV	1385	1904	0.16%	0.017%
21	9.966	1172	1179	1187	rBV	126140	225976	19.49%	2.003%
22	10.095	1199	1201	1207	rBV3	1818	3227	0.28%	0.029%
23	10.366	1241	1247	1248	rBV	1865	2155	0.19%	0.019%
24	10.507	1264	1271	1283	rBV	196499	375366	32.38%	3.327%
25	10.648	1290	1295	1306	rBV2	36910	67534	5.83%	0.599%
26	10.894	1329	1337	1346	rVB	138323	260350	22.46%	2.308%
27	11.024	1349	1359	1371	rBV	149012	292745	25.25%	2.595%
28	11.265	1395	1400	1405	rVB3	5263	9367	0.81%	0.083%
29	11.576	1446	1453	1462	rBV5	10814	21569	1.86%	0.191%
30	11.670	1466	1469	1470	rBV3	2559	2309	0.20%	0.020%
31	11.758	1480	1484	1488	rBV5	7576	11741	1.01%	0.104%
32	11.864	1500	1502	1505	rVB3	1869	1790	0.15%	0.016%
33	11.940	1513	1515	1524	rVV4	5959	10327	0.89%	0.092%
34	12.022	1526	1529	1531	rBV2	1980	2157	0.19%	0.019%
35	12.134	1542	1548	1554	rVB4	9047	16391	1.41%	0.145%
36	12.293	1571	1575	1579	rBV4	9006	12904	1.11%	0.114%

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Integrator: RTE
Smoothing : OFF Filtering: 5
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Title : SVOA CALIBRATION

37	12.334	1579	1582	1587	rVB2	7572	10479	0.90%	0.093%
38	12.393	1587	1592	1598	rBV3	15274	24746	2.13%	0.219%
39	12.475	1603	1606	1611	rVB4	4921	8582	0.74%	0.076%
40	12.563	1619	1621	1626	rVB4	2926	3329	0.29%	0.030%
41	12.886	1672	1676	1678	rBV3	1373	1959	0.17%	0.017%
42	12.957	1685	1688	1691	rBV3	2064	2060	0.18%	0.018%
43	13.133	1715	1718	1720	rBV	1747	2092	0.18%	0.019%
44	13.174	1724	1725	1731	rVB3	2458	3460	0.30%	0.031%
45	13.286	1741	1744	1749	rVB5	5744	6875	0.59%	0.061%
46	13.409	1760	1765	1768	rBV5	4122	8404	0.72%	0.074%
47	13.480	1774	1777	1779	rBV4	1640	1977	0.17%	0.018%
48	13.550	1787	1789	1795	rVB2	8112	10663	0.92%	0.095%
49	13.615	1798	1800	1801	rBV	2271	2128	0.18%	0.019%
50	13.685	1808	1812	1813	rBV3	4434	4143	0.36%	0.037%
51	13.826	1833	1836	1839	rBV3	1314	1911	0.16%	0.017%
52	13.920	1848	1852	1854	rBV3	1985	2365	0.20%	0.021%
53	14.014	1865	1868	1869	rBV3	2416	1888	0.16%	0.017%
54	14.061	1872	1876	1879	rVV4	12173	17382	1.50%	0.154%
55	14.114	1879	1885	1891	rVB	409206	612602	52.84%	5.430%
56	14.302	1915	1917	1918	rBV	2829	1760	0.15%	0.016%
57	14.414	1929	1936	1945	rVB	388404	639240	55.14%	5.667%
58	14.531	1954	1956	1960	rVB4	4117	3113	0.27%	0.028%
59	14.602	1964	1968	1972	rVV6	8081	10537	0.91%	0.093%
60	14.719	1980	1988	1995	rBV	232190	374093	32.27%	3.316%
61	14.772	1995	1997	1999	rVV3	3924	2398	0.21%	0.021%
62	14.819	2001	2005	2008	rBV4	10459	16304	1.41%	0.145%
63	14.849	2008	2010	2014	rVV4	7683	9078	0.78%	0.080%
64	14.913	2016	2021	2029	rVV3	45630	77287	6.67%	0.685%
65	15.007	2031	2037	2043	rVB8	9961	18705	1.61%	0.166%
66	15.060	2045	2046	2049	rBV3	3831	4228	0.36%	0.037%
67	15.136	2058	2059	2061	rBV2	3000	2476	0.21%	0.022%
68	15.213	2069	2072	2076	rVB4	4390	4842	0.42%	0.043%
69	15.266	2078	2081	2083	rVB3	3579	3343	0.29%	0.030%
70	15.295	2083	2086	2087	rBV3	6076	5036	0.43%	0.045%
71	15.424	2102	2108	2111	rBV4	9555	20494	1.77%	0.182%
72	15.559	2127	2131	2135	rVB5	13229	19713	1.70%	0.175%
73	15.595	2135	2137	2138	rBV2	2516	2009	0.17%	0.018%
74	15.630	2141	2143	2146	rVV3	3079	3443	0.30%	0.031%
75	15.712	2146	2157	2168	rVB	511878	834581	71.99%	7.398%
76	15.818	2168	2175	2183	rBV4	164055	285039	24.59%	2.527%

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Integrator: RTE
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Title : SVOA CALIBRATION

77	15.953	2193	2198	2204	rVB6	11350	18949	1.63%	0.168%
78	16.000	2204	2206	2209	rBV3	3068	3929	0.34%	0.035%
79	16.030	2209	2211	2213	rVV3	5930	5926	0.51%	0.053%
80	16.065	2214	2217	2222	rVV5	11612	19043	1.64%	0.169%
81	16.118	2222	2226	2229	rVB4	13038	19322	1.67%	0.171%
82	16.329	2260	2262	2263	rBV2	4534	2949	0.25%	0.026%
83	16.382	2267	2271	2275	rVV5	12071	18198	1.57%	0.161%
84	16.523	2292	2295	2302	rVB7	21340	35594	3.07%	0.316%
85	16.670	2317	2320	2321	rBV3	8119	8888	0.77%	0.079%
86	16.846	2347	2350	2354	rVB2	17113	23236	2.00%	0.206%
87	16.993	2373	2375	2381	rVB7	9150	10330	0.89%	0.092%
88	17.069	2384	2388	2392	rVB3	19565	28546	2.46%	0.253%
89	17.122	2393	2397	2405	rVB10	9188	17894	1.54%	0.159%
90	17.469	2450	2456	2463	rBV	323643	517396	44.63%	4.587%
91	17.569	2463	2473	2484	rVB	618661	1056115	91.10%	9.362%
92	17.816	2512	2515	2520	rBV2	24772	35229	3.04%	0.312%
93	18.174	2574	2576	2578	rBV3	5520	5509	0.48%	0.049%
94	18.344	2601	2605	2609	rBV3	40536	57046	4.92%	0.506%
95	18.421	2615	2618	2625	rVB9	15110	23346	2.01%	0.207%
96	19.854	2856	2862	2867	rBV	778769	1133366	97.76%	10.047%
97	21.376	3117	3121	3128	rBV2	76195	123043	10.61%	1.091%
98	21.746	3179	3184	3191	rVB	313442	527478	45.50%	4.676%
99	24.819	3696	3707	3720	rVB	412395	1159285	100.00%	10.277%
100	25.042	3736	3745	3758	rVB	203850	594751	51.30%	5.272%

Sum of corrected areas: 11280829

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Instrument :
BNA_G
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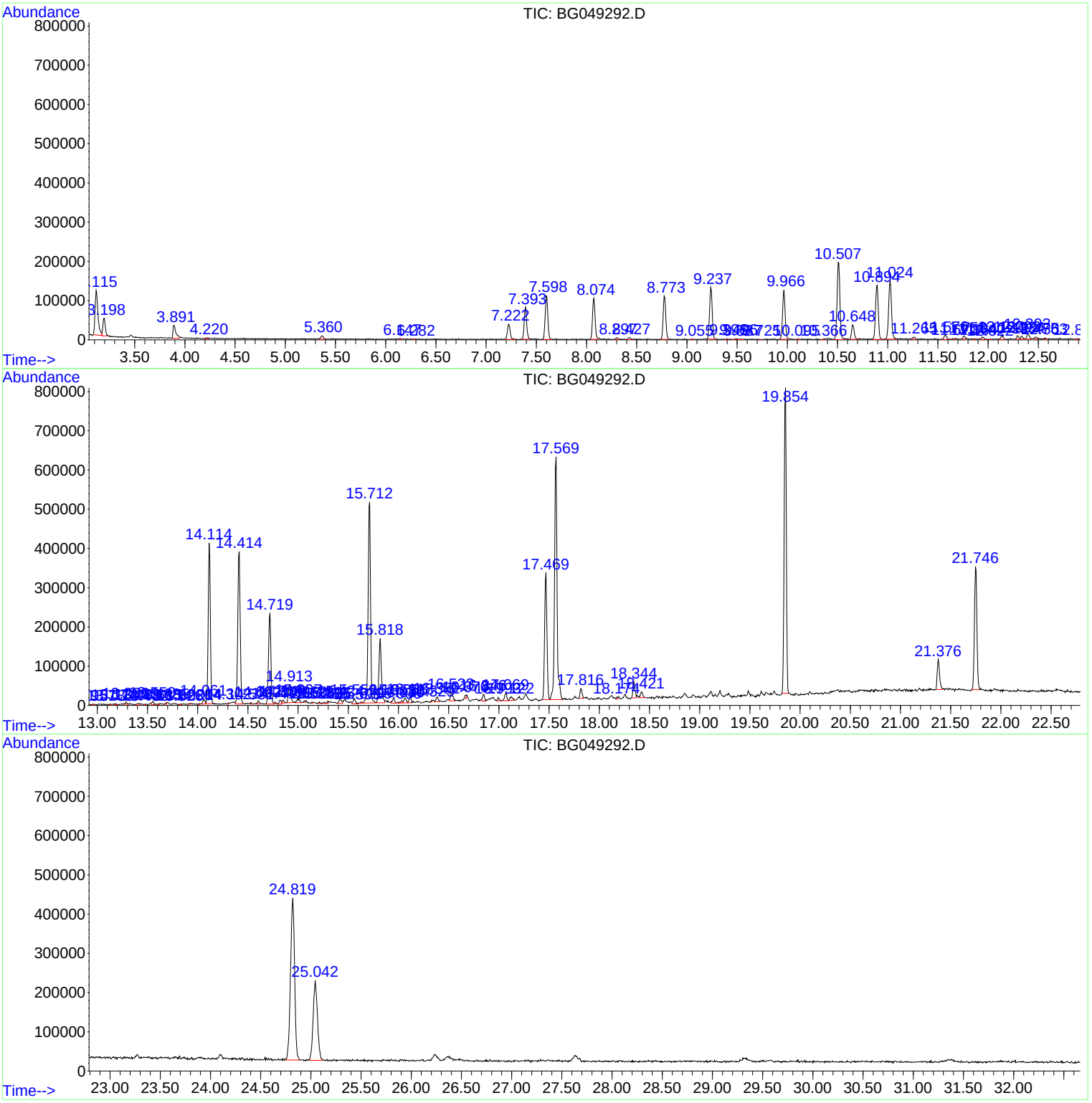
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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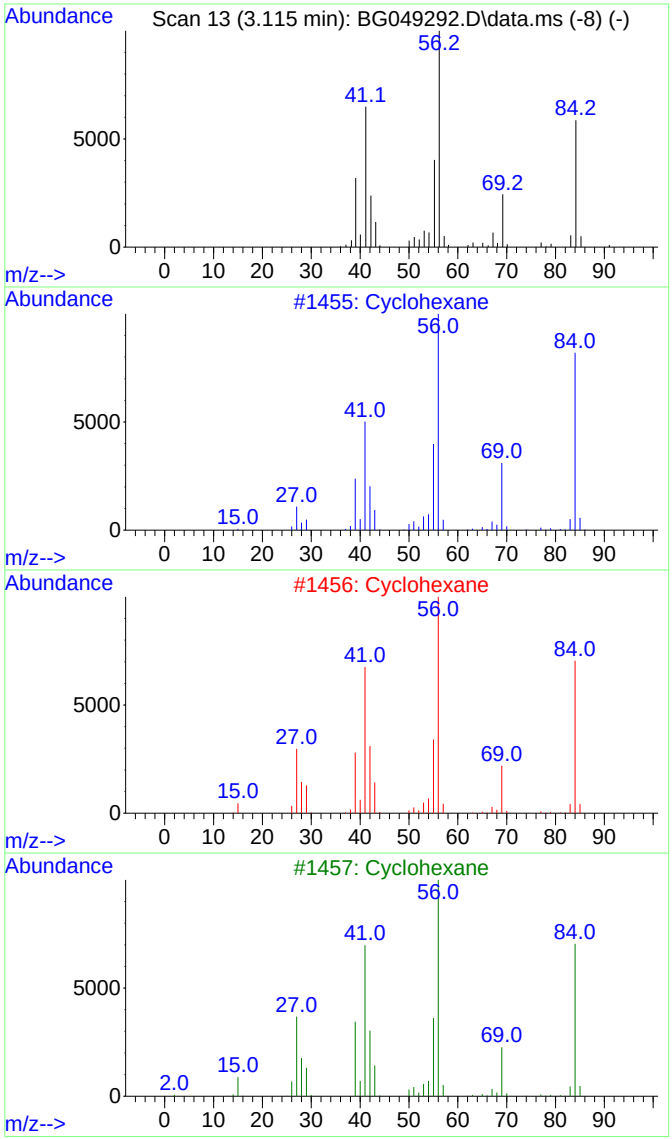
Quant Title : SVOA CALIBRATION

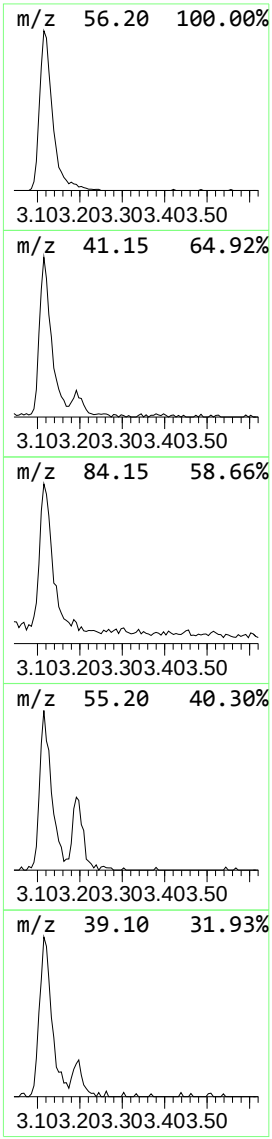
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.120	24.54 ng/ul	226624	1,4-Dichlorobenzene-d4	8.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Cyclohexane	84	C6H12	000110-82-7	91
3	Cyclohexane	84	C6H12	000110-82-7	91
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	86
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	86





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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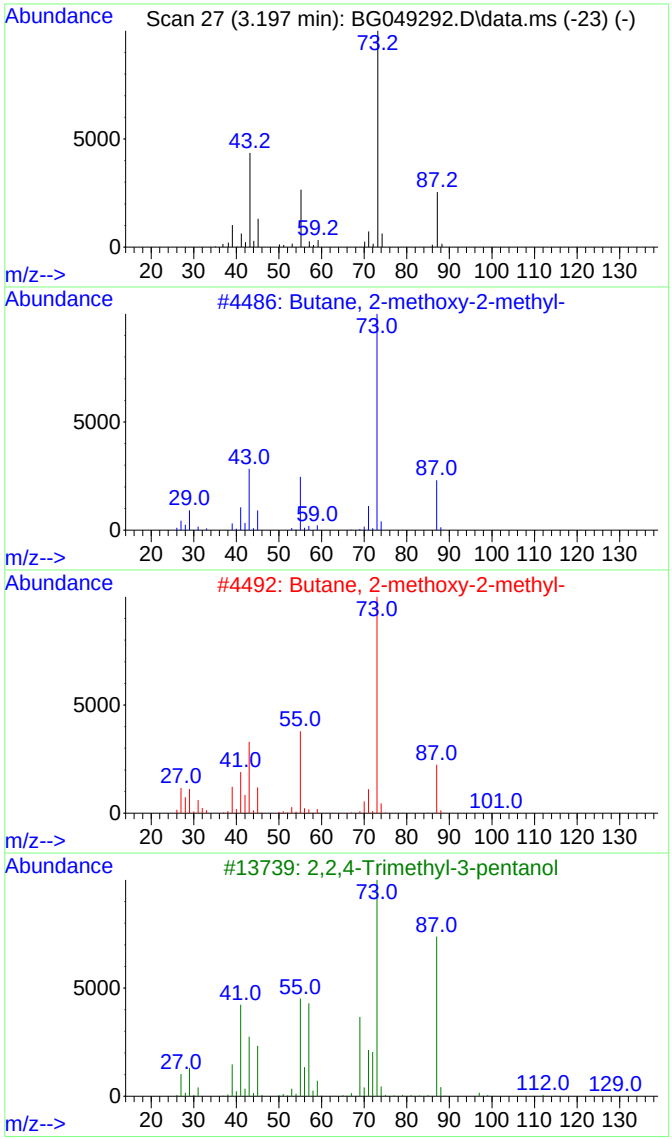
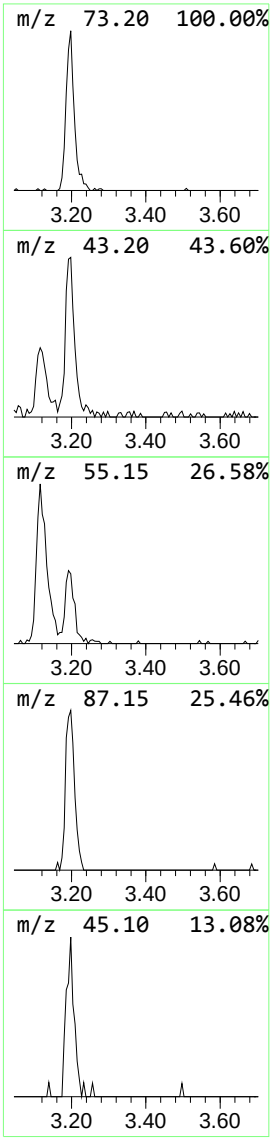
****
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.200	7.95 ng/ul	73388	1,4-Dichlorobenzene-d4	8.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25





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Quant Title : SVOA CALIBRATION

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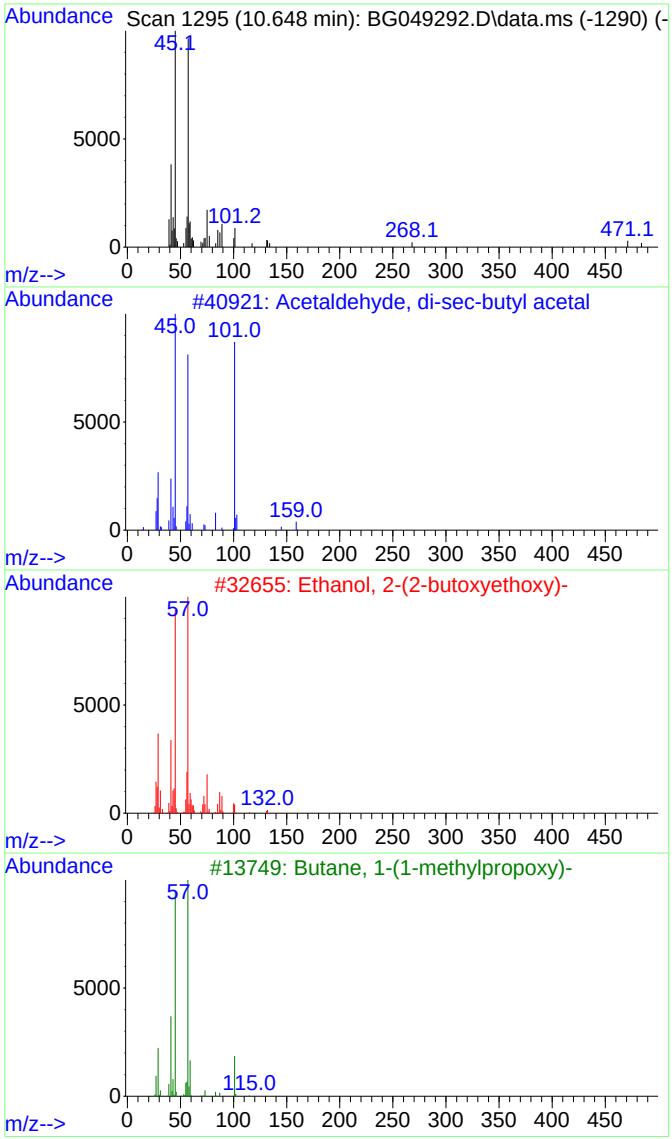
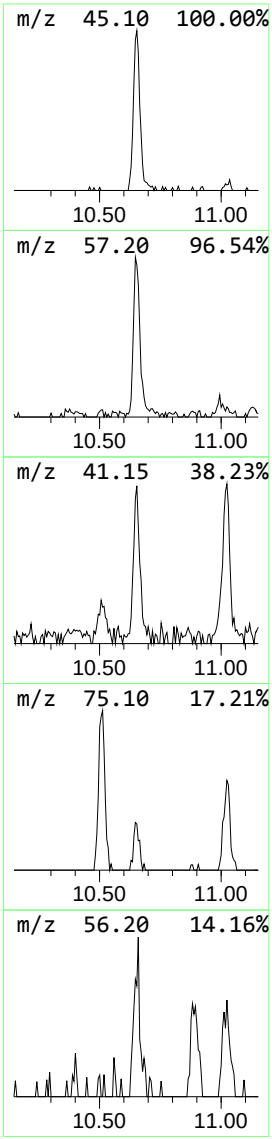
****
Peak Number 3 Acetaldehyde, di-sec-butyl ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.650	5.19 ng/ul	67534	Naphthalene-d8	10.894

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde, di-sec-butyl acetal	174	C10H22O2	005314-41-0	64
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64
3	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	59
4	Butane, 1,1'-[ethylidenebis(oxy)...	174	C10H22O2	000871-22-7	59
5	Methoxyacetic acid, 2-butyl ester	146	C7H14O3	070159-90-9	53





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Quant Title : SVOA CALIBRATION

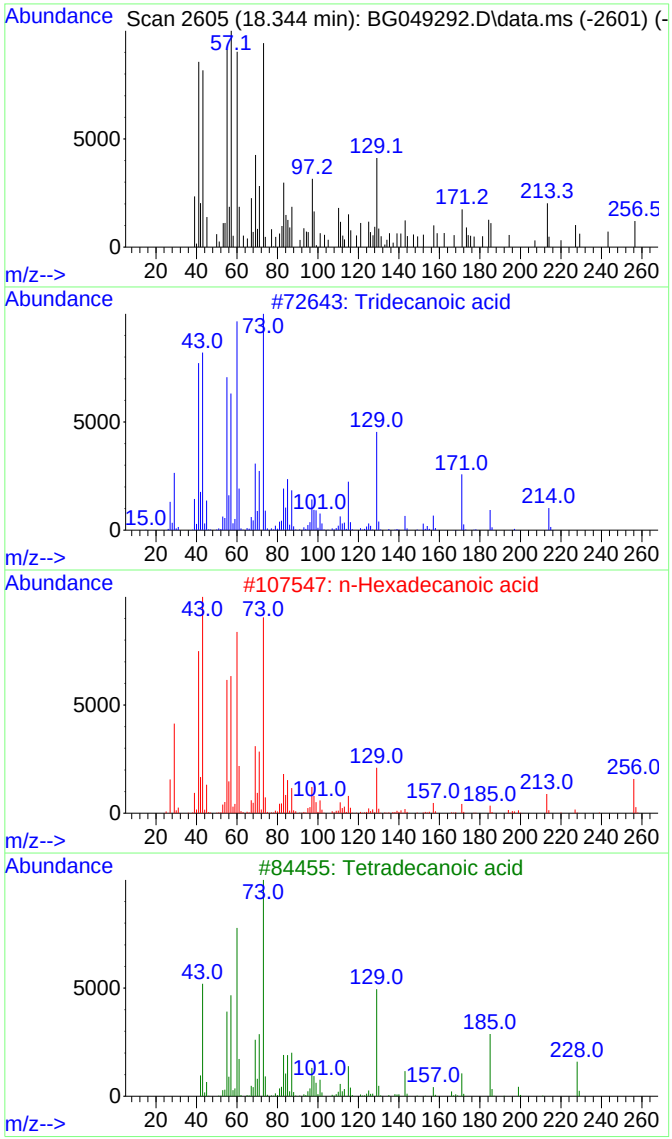
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

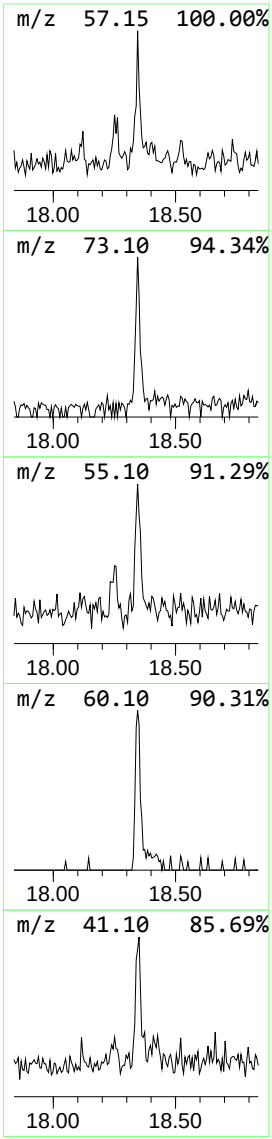
****

Peak Number 4 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.340	2.21 ng/ul	57046	Phenanthrene-d10	17.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	62
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
4	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	50
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50





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Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBK29

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

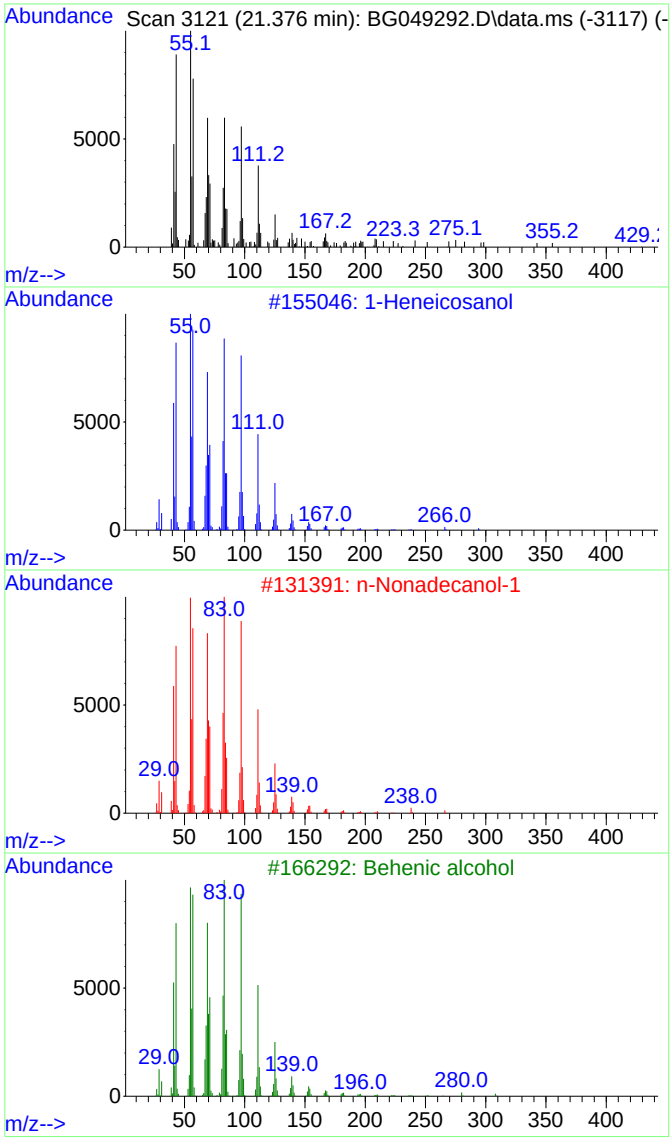
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

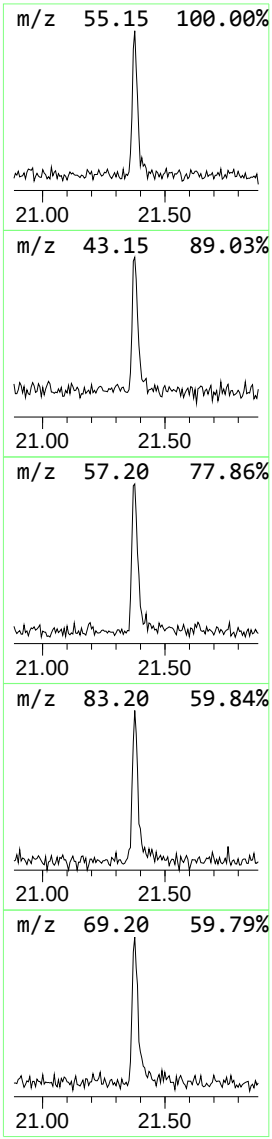
****

Peak Number 5 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.380	4.67 ng/ul	123043	Chrysene-d12	21.746

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3	Behenic alcohol	326	C22H46O	000661-19-8	95
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
Data File : BG049292.D
Acq On : 11 Jul 2021 9:27
Operator : CG/JU
Sample : M2914-11
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBK29

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: C...	3.120	24.5	ng/ul	226624	1	8.074	184729	20.0
Butane, 2-metho...	3.200	8.0	ng/ul	73388	1	8.074	184729	20.0
Acetaldehyde, d...	10.650	5.2	ng/ul	67534	2	10.894	260350	20.0
Tridecanoic acid	18.340	2.2	ng/ul	57046	4	17.469	517396	20.0
1-Heneicosanol	21.380	4.7	ng/ul	123043	5	21.746	527478	20.0