LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
Data File : BG049346.D
Acq On : 15 Jul 2021 3:03
Operator : CG/JU
Sample : M2971-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE78

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: BG049346.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.111	5	12	21	rBV	78688	181374	21.46%	1.815%
2	3.188	21	25	35	rVB	37366	68909	8.15%	0.690%
3	3.458	67	71	77	rVB2	6253	10241	1.21%	0.103%
4	3.687	109	110	112	rBV2	1785	1521	0.18%	0.015%
5	3.881	140	143	162	rVB	68502	146685	17.36%	1.468%
6	4.139	185	187	190	rBV3	1870	2264	0.27%	0.023%
7	4.210	197	199	203	rVB2	1907	1528	0.18%	0.015%
8	4.345	218	222	227	rBV2	1267	2246	0.27%	0.022%
9	4.404	230	232	235	rBV3	1826	1371	0.16%	0.014%
10	4.621	265	269	272	rVB3	1325	1772	0.21%	0.018%
11	5.027	335	338	341	rVB4	1581	1914	0.23%	0.019%
12	5.291	381	383	389	rVB3	1140	2177	0.26%	0.022%
13	6.149	528	529	534	rVB4	1869	1571	0.19%	0.016%
14	7.218	704	711	724	rBV	141014	259949	30.76%	2.602%
15	7.383	732	739	746	rBV	86003	144855	17.14%	1.450%
16	7.594	767	775	784	rBV	134162	240034	28.40%	2.403%
17	8.064	848	855	862	rVV2	108468	184858	21.87%	1.850%
18	8.511	928	931	935	rBV2	1251	1964	0.23%	0.020%
19	8.705	959	964	966	rVB	1164	1795	0.21%	0.018%
20	8.769	968	975	983	rBV	170924	304035	35.97%	3.043%
21	9.233	1046	1054	1062	rBV	134703	243267	28.78%	2.435%
22	9.363	1074	1076	1079	rBV2	1360	1493	0.18%	0.015%
23	9.498	1095	1099	1102	rBV	1284	1791	0.21%	0.018%
24	9.956	1170	1177	1186	rBV2	123008	226758	26.83%	2.270%
25	10.502	1263	1270	1282	rVB	179938	328476	38.86%	3.288%
26	10.643	1288	1294	1303	rBV2	48362	83045	9.83%	0.831%
27	10.884	1327	1335	1342	rBV	143462	262213	31.02%	2.625%
28	11.020	1350	1358	1368	rBV	150213	285118	33.73%	2.854%
29	12.459	1600	1603	1609	rBV2	2740	4764	0.56%	0.048%
30	13.070	1702	1707	1709	rBV4	2252	2990	0.35%	0.030%
31	13.311	1745	1748	1754	rBV3	2934	4755	0.56%	0.048%
32	13.528	1781	1785	1786	rBV3	1779	2162	0.26%	0.022%
33	13.593	1791	1796	1800	rVB2	1815	2991	0.35%	0.030%
34	14.110	1877	1884	1894	rVB	325883	492695	58.29%	4.932%
35	14.339	1920	1923	1926	rBV4	1492	1956	0.23%	0.020%
36	14.404	1928	1934	1940	rVB	338140	532698	63.03%	5.332%

LSC Area Percent Report

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Sample : M2971-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE78

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

37	14.709	1980	1986	1994	rVB	239658	372779	44.11%	3.731%
38	14.909	2013	2020	2033	rBV	127417	231659	27.41%	2.319%
39	15.009	2036	2037	2042	rBV2	1178	1532	0.18%	0.015%
40	15.121	2054	2056	2061	rVB	997	1501	0.18%	0.015%
41	15.209	2067	2071	2075	rBV	1506	1507	0.18%	0.015%
42	15.332	2090	2092	2096	rBV2	988	1416	0.17%	0.014%
43	15.485	2115	2118	2120	rBV	1347	1452	0.17%	0.015%
44	15.702	2147	2155	2163	rBV	445619	661613	78.28%	6.622%
45	15.814	2168	2174	2187	rBV2	128482	206969	24.49%	2.072%
46	15.896	2187	2188	2191	rVV	2390	1864	0.22%	0.019%
47	15.943	2191	2196	2199	rVB4	5489	8597	1.02%	0.086%
48	16.161	2226	2233	2234	rBV2	1240	2415	0.29%	0.024%
49	16.431	2277	2279	2281	rVB3	2200	1807	0.21%	0.018%
50	16.484	2281	2288	2292	rBV4	8780	14161	1.68%	0.142%
51	16.589	2304	2306	2311	rVB3	2451	2987	0.35%	0.030%
52	16.683	2318	2322	2324	rBV2	1973	2781	0.33%	0.028%
53	16.736	2328	2331	2338	rBV	1247	3152	0.37%	0.032%
54	16.836	2342	2348	2357	rVB4	4291	8285	0.98%	0.083%
55	16.913	2357	2361	2364	rBV3	1976	3031	0.36%	0.030%
56	16.971	2369	2371	2376	rBV4	1040	1416	0.17%	0.014%
57	17.153	2398	2402	2403	rBV2	1787	1846	0.22%	0.018%
58	17.195	2403	2409	2414	rBV5	10055	18034	2.13%	0.181%
59	17.247	2414	2418	2421	rVV2	1788	2270	0.27%	0.023%
60	17.353	2434	2436	2438	rBV2	1657	1785	0.21%	0.018%
61	17.406	2443	2445	2448	rVB2	2209	2340	0.28%	0.023%
62	17.459	2448	2454	2461	rBV	307012	462704	54.74%	4.631%
63	17.559	2461	2471	2479	rBV	478907	723437	85.59%	7.241%
64	17.829	2515	2517	2521	rVB2	2687	3323	0.39%	0.033%
65	17.864	2521	2523	2524	rBV2	2079	1617	0.19%	0.016%
66	18.005	2546	2547	2552	rVB	2244	2821	0.33%	0.028%
67	18.111	2562	2565	2570	rVB4	4077	6369	0.75%	0.064%
68	18.164	2570	2574	2577	rVB2	1326	1583	0.19%	0.016%
69	18.240	2583	2587	2591	rVB2	1725	2918	0.35%	0.029%
70	18.340	2599	2604	2608	rBV2	22676	28727	3.40%	0.288%
71	18.411	2614	2616	2620	rVB5	1994	1743	0.21%	0.017%
72	18.628	2651	2653	2657	rVB3	1793	1567	0.19%	0.016%
73	18.710	2663	2667	2669	rBV2	1175	1583	0.19%	0.016%
74	18.781	2674	2679	2681	rBV3	3678	5582	0.66%	0.056%
75	18.851	2686	2691	2696	rBV5	2407	4439	0.53%	0.044%
76	18.910	2696	2701	2703	rBV5	4757	6299	0.75%	0.063%

LSC Area Percent Report

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Sample : M2971-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE78

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-BG070921.M
Title : SVOA CALIBRATION

77	19.034	2721	2722	2725	rVB	1950	1398	0.17%	0.014%
78	19.087	2727	2731	2732	rVB3	1857	2237	0.26%	0.022%
79	19.104	2732	2734	2735	rBV	2315	2256	0.27%	0.023%
80	19.192	2746	2749	2751	rBV2	4343	4322	0.51%	0.043%
81	19.245	2756	2758	2760	rVV2	2528	2316	0.27%	0.023%
82	19.269	2760	2762	2763	rVB2	3258	2126	0.25%	0.021%
83	19.280	2763	2764	2767	rBV2	2508	1794	0.21%	0.018%
84	19.416	2784	2787	2793	rVB6	3530	5630	0.67%	0.056%
85	19.480	2793	2798	2803	rBV2	5498	11689	1.38%	0.117%
86	19.609	2818	2820	2824	rVB5	2593	2632	0.31%	0.026%
87	19.727	2838	2840	2844	rBV	3386	4898	0.58%	0.049%
88	19.844	2853	2860	2868	rBV	585283	845203	100.00%	8.460%
89	19.933	2873	2875	2877	rBV3	1832	1918	0.23%	0.019%
90	19.980	2882	2883	2885	rBV2	2327	1968	0.23%	0.020%
91	20.156	2909	2913	2915	rBV3	2194	2432	0.29%	0.024%
92	20.567	2979	2983	2987	rVB	15609	18749	2.22%	0.188%
93	20.820	3020	3026	3031	rBV	228318	285538	33.78%	2.858%
94	21.119	3075	3077	3078	rBV2	3335	1697	0.20%	0.017%
95	21.372	3115	3120	3125	rBV2	51467	86039	10.18%	0.861%
96	21.742	3177	3183	3190	rBV2	289195	486633	57.58%	4.871%
97	24.803	3695	3704	3714	rBV2	284251	792291	93.74%	7.930%
98	25.032	3734	3743	3756	rVB	180544	524364	62.04%	5.249%
99	26.213	3940	3944	3954	rVB7	19022	49847	5.90%	0.499%
100	28.899	4399	4401	4402	rBV	4761	2610	0.31%	0.026%

Sum of corrected areas: 9990733

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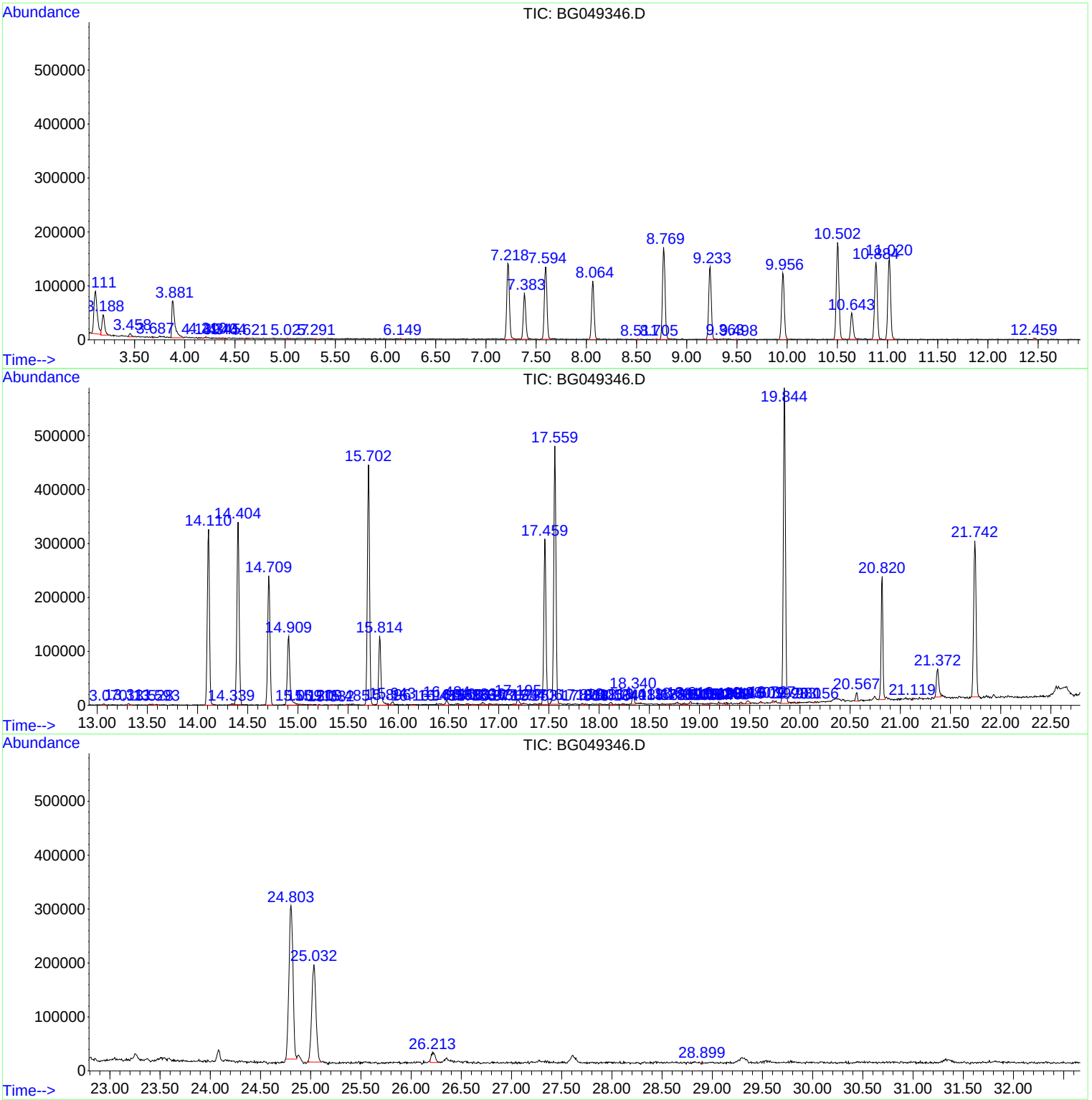
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGE78

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
Data File : BG049346.D
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Sample : M2971-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

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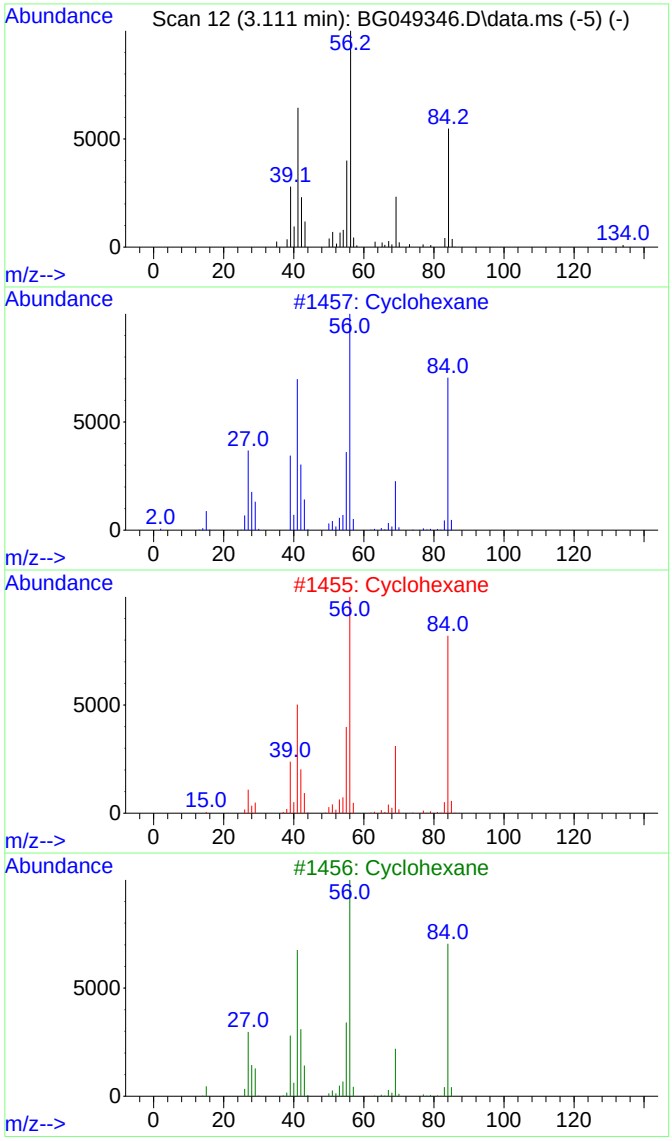
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

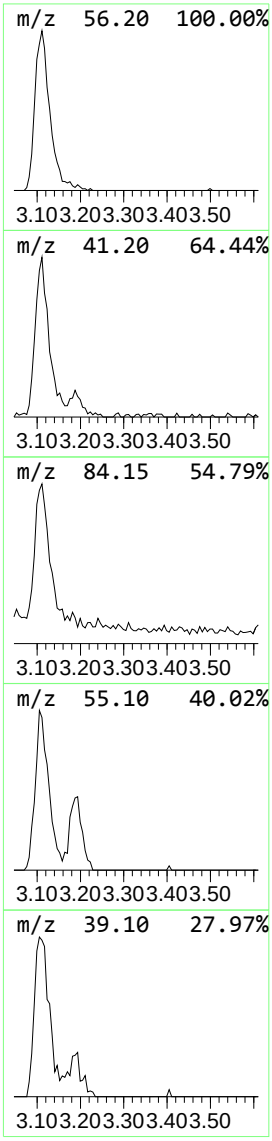
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.11 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.110	19.62 ng/ul	181374	1,4-Dichlorobenzene-d4	8.064

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	90
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	78
5	Cyclohexane	84	C6H12	000110-82-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
Data File : BG049346.D
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Sample : M2971-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE78

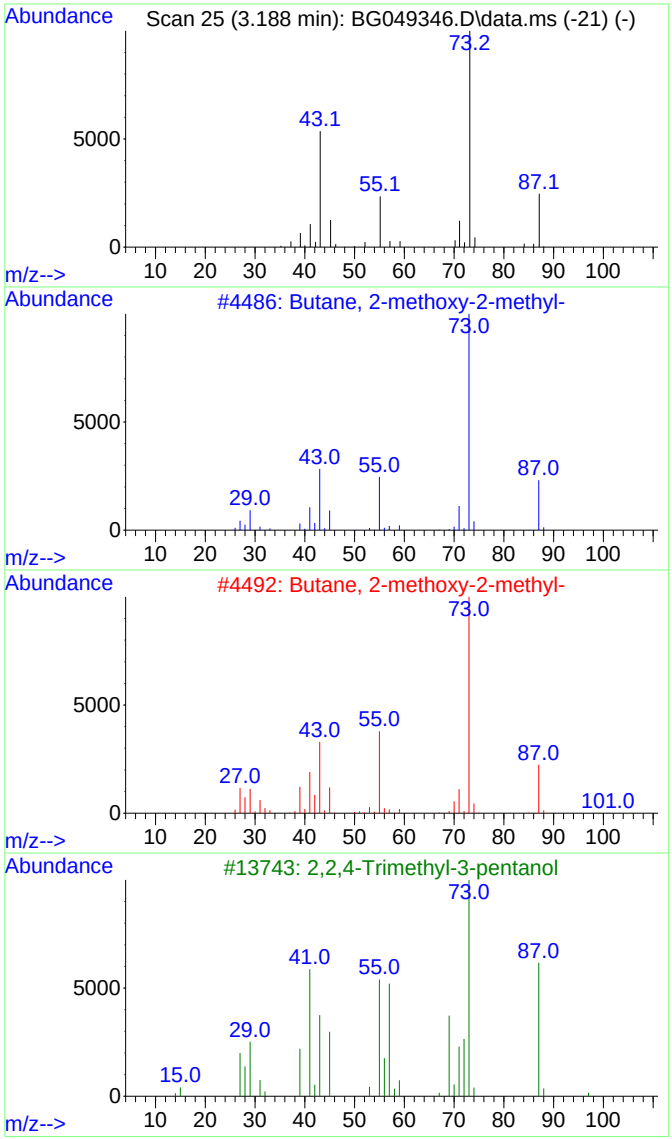
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

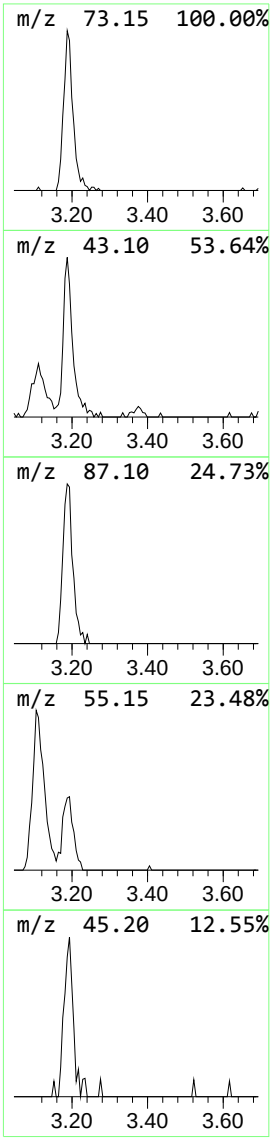
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.190	7.46 ng/ul	68909	1,4-Dichlorobenzene-d4	8.064

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
5	1,3-Dioxolane, 2-(1-methylpropyl)-	130	C7H14O2	014447-25-7	17





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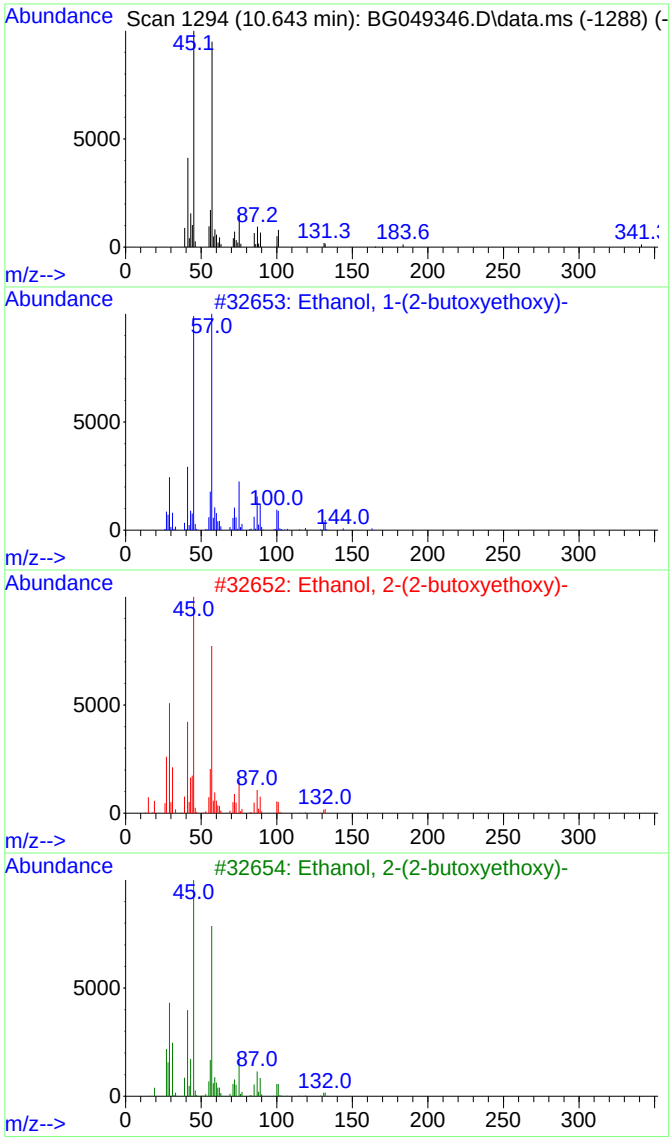
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

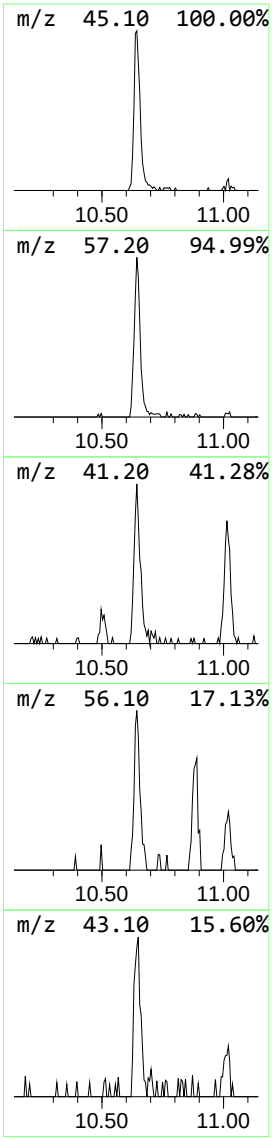
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.640	6.33 ng/ul	83045	Naphthalene-d8	10.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	50
4	1-Methoxy-3-methyl-3-butene	100	C6H12O	034752-58-4	47
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	47





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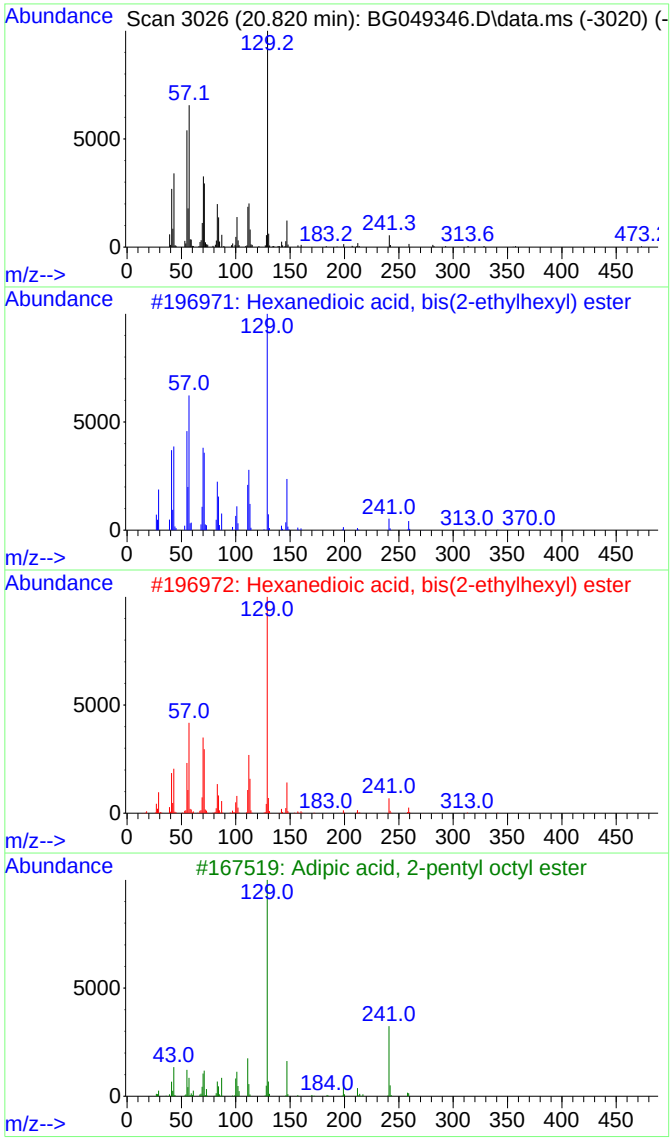
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

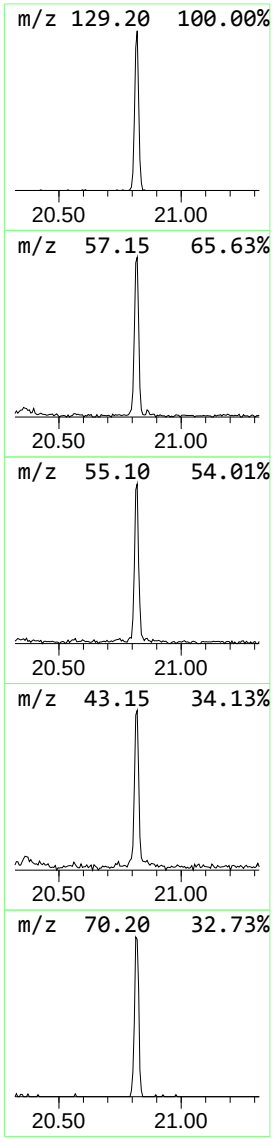
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Hexanedioic acid, bis(2-eth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.820	11.74 ng/ul	285538	Chrysene-d12	21.742

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	90
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	72
3	Adipic acid, 2-pentyl octyl ester	328	C19H36O4	1000324-16-2	59
4	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	59
5	Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1000324-48-0	53





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Acq On : 15 Jul 2021 3:03
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Sample : M2971-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGE78

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

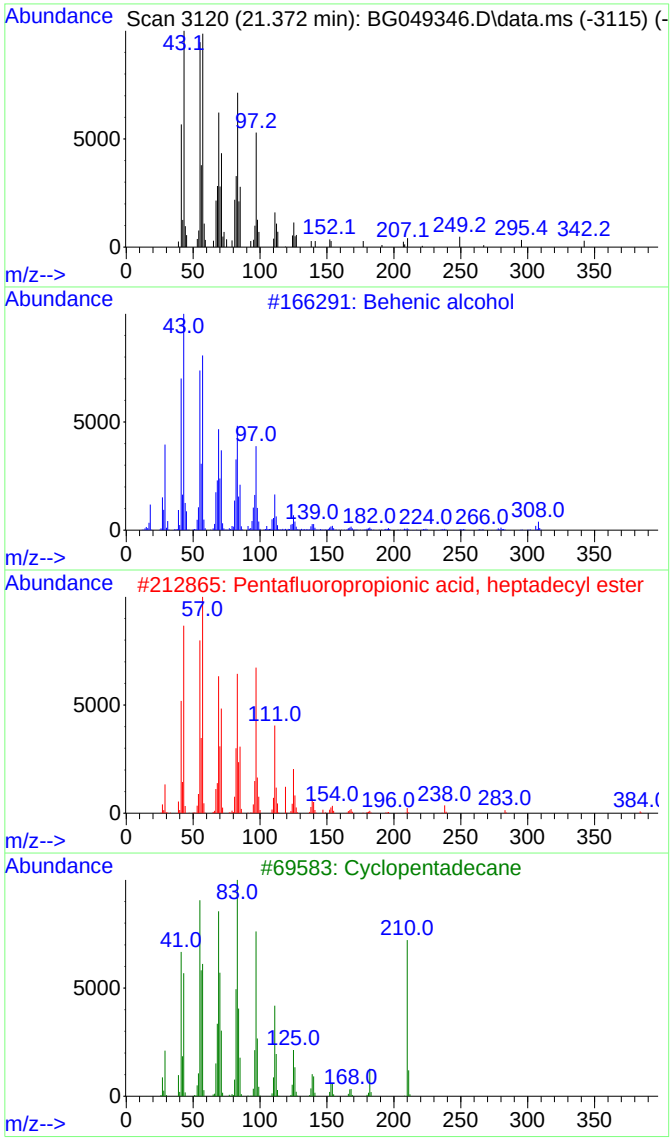
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

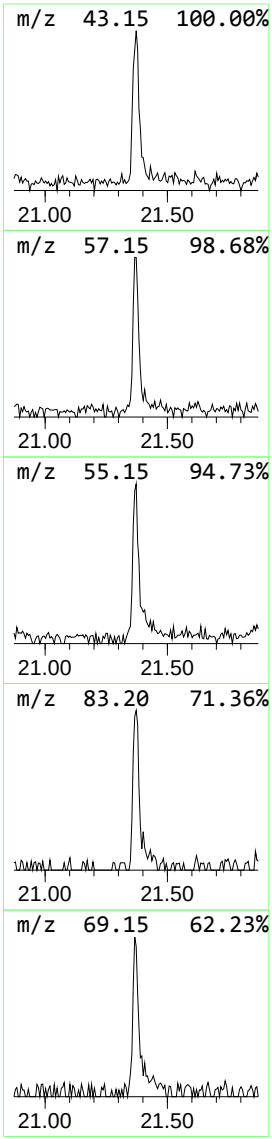
****

Peak Number 5 Behenic alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.370	3.54 ng/ul	86039	Chrysene-d12	21.742

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	91
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	90
3	Cyclopentadecane	210	C15H30	000295-48-7	87
4	1-Tricosene	322	C23H46	018835-32-0	87
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
Data File : BG049346.D
Acq On : 15 Jul 2021 3:03
Operator : CG/JU
Sample : M2971-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE78

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...	3.110	19.6	ng/ul	181374	1	8.064	184858	20.0
Butane, 2-metho...	3.190	7.5	ng/ul	68909	1	8.064	184858	20.0
Ethanol, 1-(2-b...	10.640	6.3	ng/ul	83045	2	10.884	262213	20.0
Hexanedioic aci...	20.820	11.7	ng/ul	285538	5	21.742	486633	20.0
Behenic alcohol	21.370	3.5	ng/ul	86039	5	21.742	486633	20.0