LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
Data File : BG049567.D
Acq On : 29 Jul 2021 20:05
Operator : CG/JU
Sample : M3141-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGER4

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-BG072421.M
Title : SVOA CALIBRATION

Signal : TIC: BG049567.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.078	3	7	16	rBV	69019	141966	37.94%	2.844%
2	3.161	16	21	32	rVB	109197	179339	47.92%	3.592%
3	3.866	139	141	148	rBV2	12720	23833	6.37%	0.477%
4	4.183	193	195	199	rVB5	1718	2374	0.63%	0.048%
5	4.935	322	323	326	rBV2	1305	1028	0.27%	0.021%
6	5.722	455	457	460	rBV2	1062	1079	0.29%	0.022%
7	5.781	465	467	469	rVB2	1333	1128	0.30%	0.023%
8	5.816	469	473	476	rBV2	1029	1691	0.45%	0.034%
9	5.886	482	485	489	rVB2	1320	1388	0.37%	0.028%
10	6.268	549	550	552	rBV	1394	1114	0.30%	0.022%
11	6.350	562	564	568	rVB2	1073	1183	0.32%	0.024%
12	7.138	697	698	700	rBV2	1856	1088	0.29%	0.022%
13	7.202	702	709	717	rBV	52084	96517	25.79%	1.933%
14	7.367	732	737	747	rVB	31734	53265	14.23%	1.067%
15	7.572	767	772	780	rBV2	47686	86884	23.22%	1.740%
16	7.796	808	810	814	rVB	1348	1283	0.34%	0.026%
17	7.937	831	834	838	rBV2	1064	1576	0.42%	0.032%
18	8.048	847	853	860	rBV2	74591	122966	32.86%	2.463%
19	8.154	869	871	874	rVB2	960	1036	0.28%	0.021%
20	8.753	965	973	982	rBV2	62391	108430	28.98%	2.172%
21	8.871	987	993	995	rBV2	2097	3582	0.96%	0.072%
22	9.100	1030	1032	1036	rBV	811	1148	0.31%	0.023%
23	9.141	1036	1039	1042	rBV2	833	1178	0.31%	0.024%
24	9.211	1046	1051	1061	rBV2	52085	97546	26.07%	1.954%
25	9.376	1075	1079	1082	rBV	1091	1969	0.53%	0.039%
26	9.399	1082	1083	1087	rBV2	1411	1215	0.32%	0.024%
27	9.893	1164	1167	1170	rBV	1039	1651	0.44%	0.033%
28	9.946	1170	1176	1183	rVB2	47811	85582	22.87%	1.714%
29	10.104	1198	1203	1206	rBV	886	1356	0.36%	0.027%
30	10.486	1262	1268	1280	rVB2	59649	113412	30.31%	2.272%
31	10.633	1285	1293	1302	rBV4	15112	33116	8.85%	0.663%
32	10.786	1316	1319	1323	rBV2	1006	1601	0.43%	0.032%
33	10.868	1326	1333	1343	rVB2	98227	181340	48.46%	3.632%
34	11.003	1349	1356	1365	rVB	57849	108853	29.09%	2.180%
35	13.047	1702	1704	1709	rVB	1244	1648	0.44%	0.033%
36	13.259	1736	1740	1743	rBB	993	1340	0.36%	0.027%

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGER4

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-BG072421.M
Title : SVOA CALIBRATION

37	13.300	1743	1747	1749	rBV	1539	1431	0.38%	0.029%
38	13.376	1759	1760	1765	rBV	1130	1682	0.45%	0.034%
39	13.500	1778	1781	1783	rBV	1007	1027	0.27%	0.021%
40	13.570	1791	1793	1795	rBV	1537	1183	0.32%	0.024%
41	14.093	1877	1882	1888	rBV	139768	204371	54.61%	4.093%
42	14.392	1926	1933	1939	rBV	139800	219597	58.68%	4.398%
43	14.698	1979	1985	1992	rVB	174805	269098	71.91%	5.390%
44	14.898	2013	2019	2030	rBV2	49856	100586	26.88%	2.015%
45	15.691	2147	2154	2160	rBV	187146	292859	78.26%	5.866%
46	15.808	2169	2174	2183	rBV2	56143	81390	21.75%	1.630%
47	15.937	2192	2196	2198	rVB	1581	1700	0.45%	0.034%
48	16.543	2297	2299	2301	rBV	872	1017	0.27%	0.020%
49	16.642	2313	2316	2318	rVB	1166	1287	0.34%	0.026%
50	17.347	2433	2436	2441	rBV	1128	2020	0.54%	0.040%
51	17.447	2447	2453	2463	rBV	233303	352992	94.33%	7.070%
52	17.547	2463	2470	2481	rVB	235629	346103	92.49%	6.932%
53	17.941	2534	2537	2542	rBV	1134	1935	0.52%	0.039%
54	17.982	2542	2544	2546	rBV	1250	1067	0.29%	0.021%
55	18.064	2556	2558	2561	rVB	1785	1328	0.35%	0.027%
56	18.111	2561	2566	2569	rBV3	3981	5241	1.40%	0.105%
57	18.146	2569	2572	2575	rVV	1226	1479	0.40%	0.030%
58	18.234	2584	2587	2589	rBV	1094	1035	0.28%	0.021%
59	18.328	2600	2603	2605	rBV3	2243	2383	0.64%	0.048%
60	18.681	2661	2663	2666	rBV	996	1026	0.27%	0.021%
61	18.763	2673	2677	2686	rVB2	6693	12141	3.24%	0.243%
62	19.298	2766	2768	2769	rBV	1747	1093	0.29%	0.022%
63	19.403	2784	2786	2789	rVB3	4668	4157	1.11%	0.083%
64	19.474	2792	2798	2804	rBV3	3117	5010	1.34%	0.100%
65	19.533	2806	2808	2810	rBV2	1358	1194	0.32%	0.024%
66	19.726	2838	2841	2844	rBV3	1923	3303	0.88%	0.066%
67	19.791	2850	2852	2853	rBV	1477	1080	0.29%	0.022%
68	19.832	2853	2859	2866	rVV	264799	374210	100.00%	7.495%
69	19.914	2871	2873	2876	rVB	1852	1019	0.27%	0.020%
70	19.944	2876	2878	2880	rBV2	2244	1817	0.49%	0.036%
71	20.161	2913	2915	2916	rBV2	2677	1520	0.41%	0.030%
72	20.208	2922	2923	2925	rBV2	2522	1930	0.52%	0.039%
73	20.390	2953	2954	2957	rBV2	2940	2263	0.60%	0.045%
74	20.801	3020	3024	3029	rVB	132371	159233	42.55%	3.189%
75	21.360	3115	3119	3125	rBV3	23064	42769	11.43%	0.857%
76	21.730	3176	3182	3189	rVB	211453	346210	92.52%	6.934%

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Instrument : BNA_G
ClientSampleId : BGER4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Title : SVOA CALIBRATION

77	24.784	3693	3702	3711	rVB3	108198	300900	80.41%	6.027%
78	25.008	3731	3740	3750	rVB3	124991	373186	99.73%	7.475%

Sum of corrected areas: 4992577

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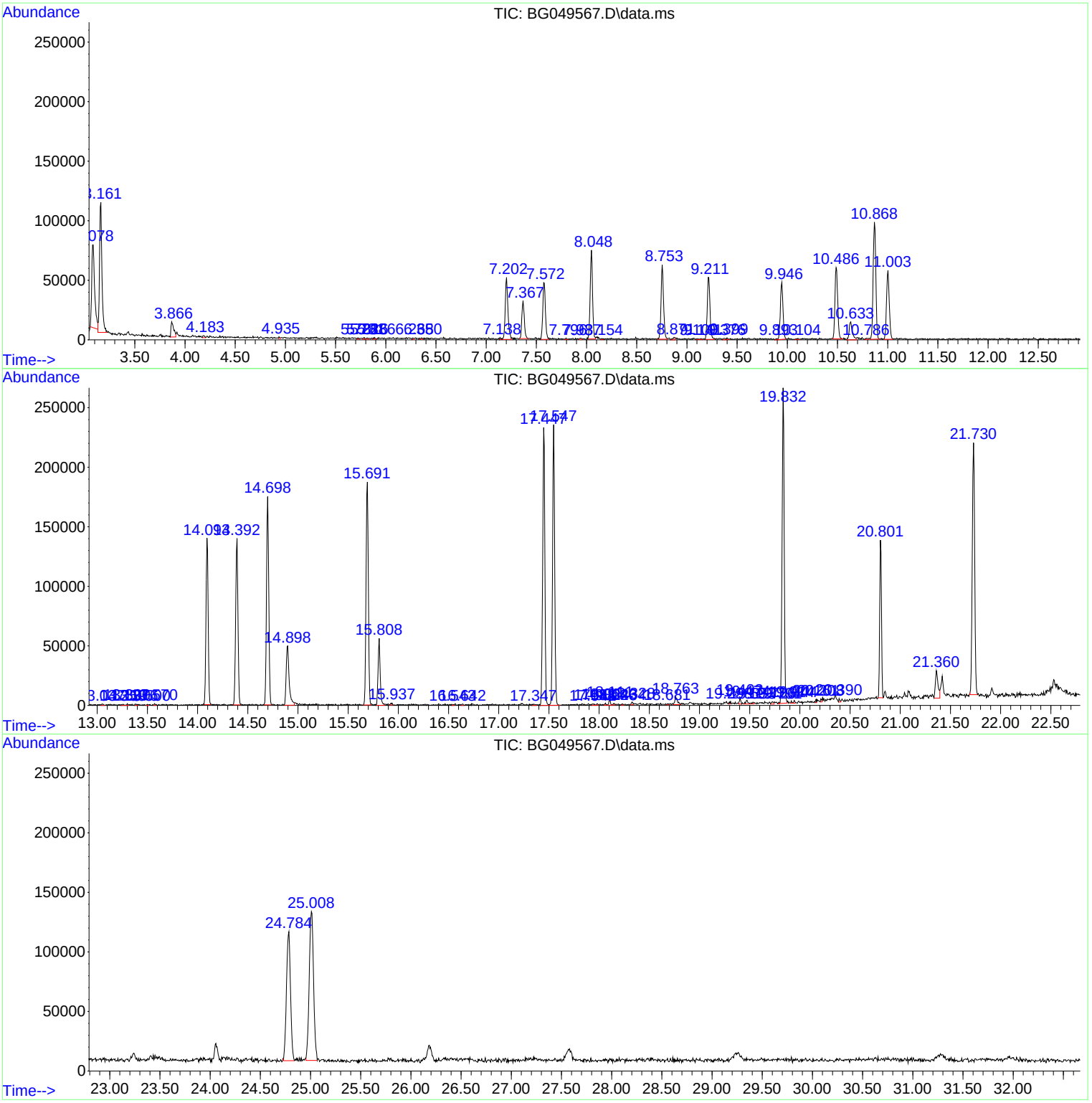
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGER4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
Data File : BG049567.D
Acq On : 29 Jul 2021 20:05
Operator : CG/JU
Sample : M3141-15
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Instrument :
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ClientSampleId :
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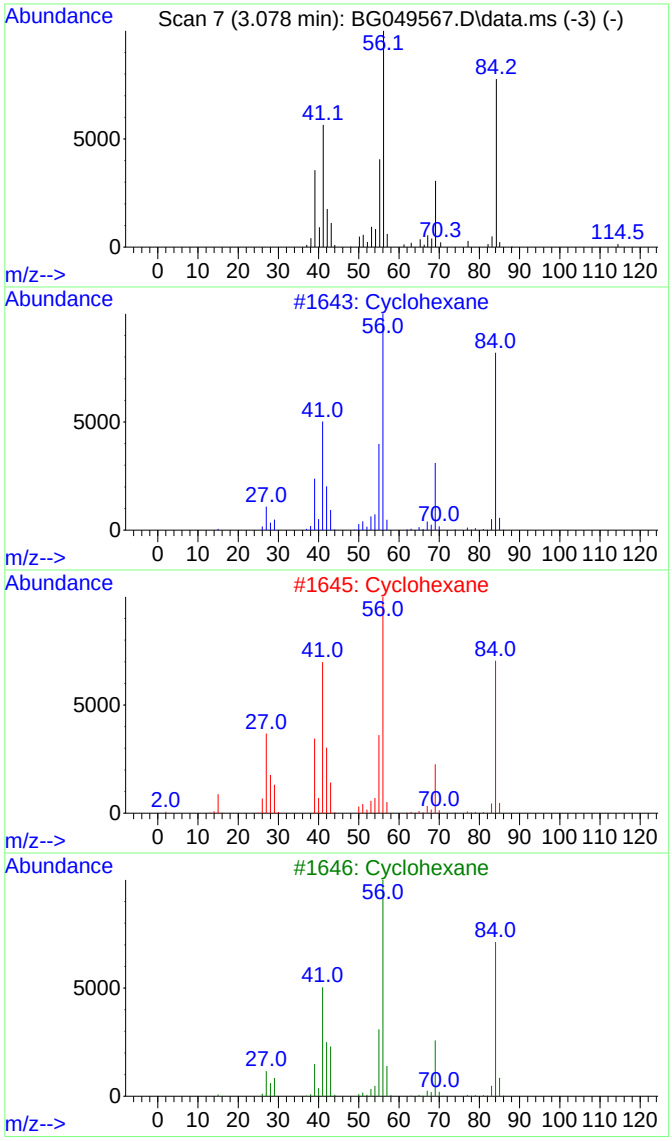
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

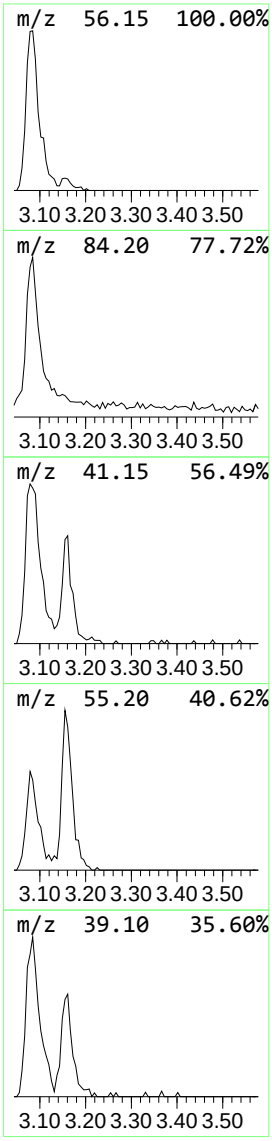
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.078 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.078	23.09 ng/ul	141966	1,4-Dichlorobenzene-d4	8.048

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	86
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	86
5	Cyclohexane	84	C6H12	000110-82-7	86





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Acq On : 29 Jul 2021 20:05
Operator : CG/JU
Sample : M3141-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGER4

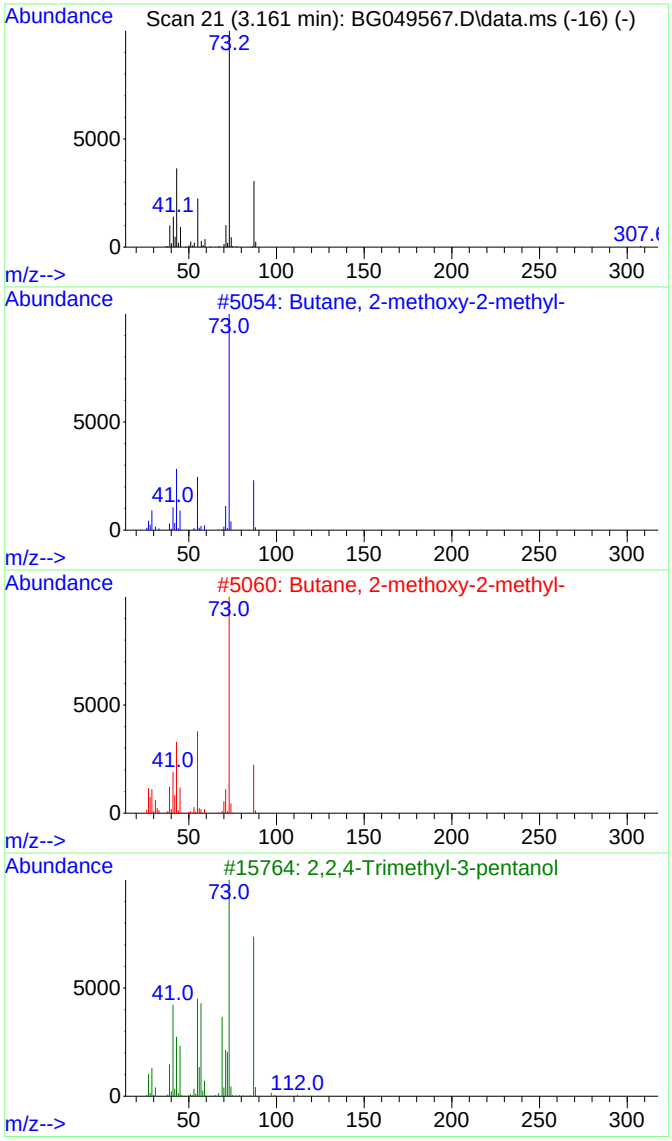
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

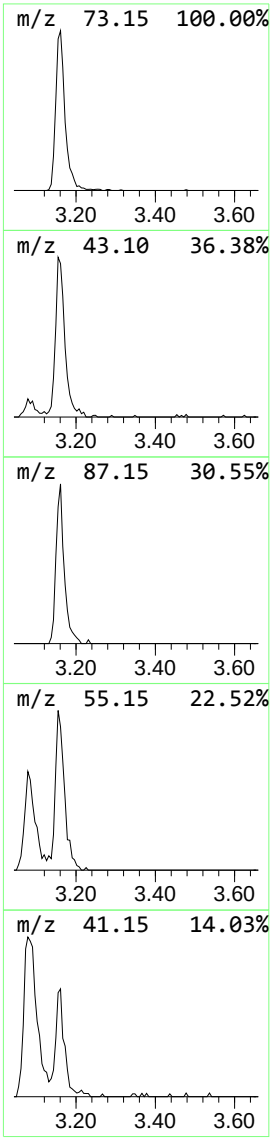
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.161	29.17 ng/ul	179339	1,4-Dichlorobenzene-d4	8.048

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
4	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	33
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072921\
Data File : BG049567.D
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Sample : M3141-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGER4

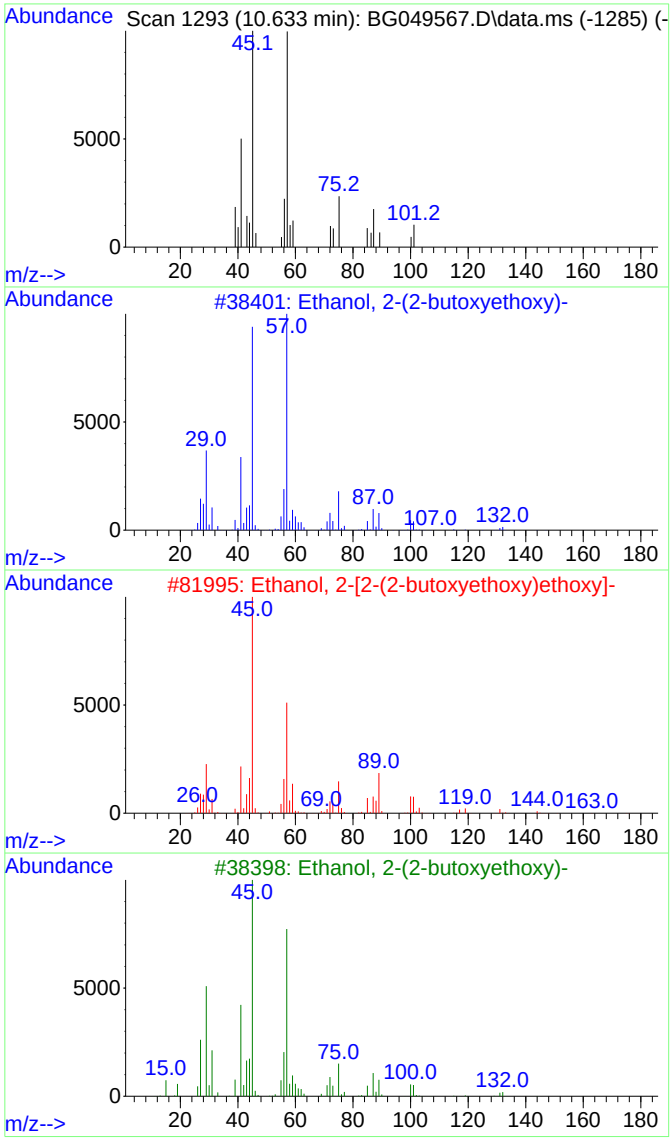
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

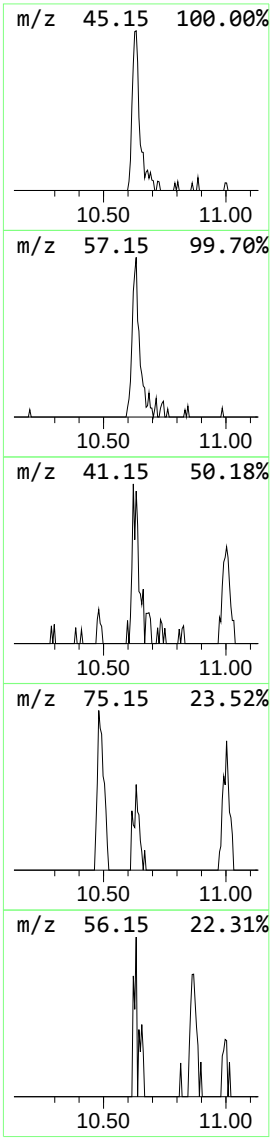
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.633	3.65 ng/ul	33116	Naphthalene-d8	10.868

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	59
2	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	56
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	56
4	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	56
5	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56





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Instrument : BNA_G
ClientSampleId : BGER4

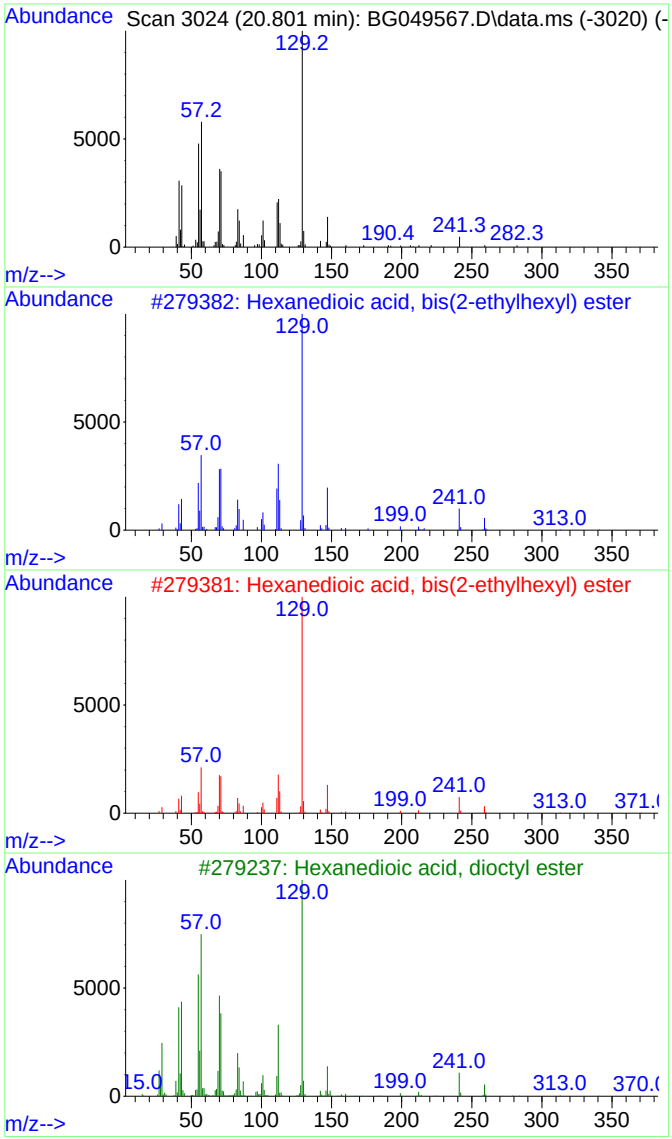
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

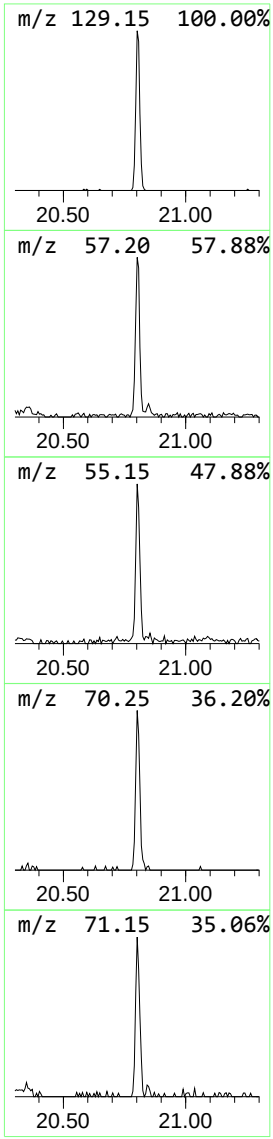
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Hexanedioic acid, bis(2-eth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.802	9.20 ng/ul	159233	Chrysene-d12	21.730

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	86
3	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	80
4	Diisooctyl adipate	370	C22H42O4	001330-86-5	74
5	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	70





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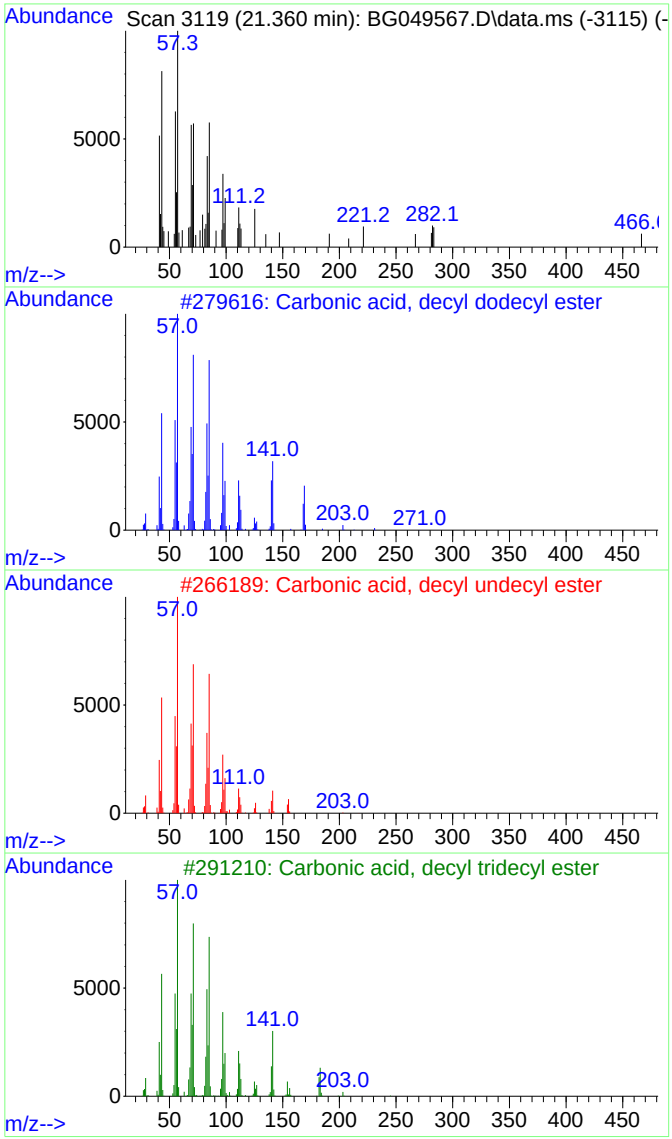
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

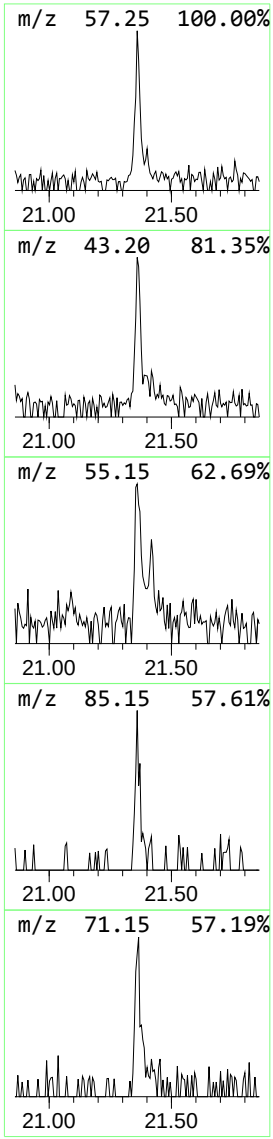
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Carbonic acid, decyl dodecy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.360	2.47 ng/ul	42769	Chrysene-d12	21.730

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, decyl dodecyl ester	370	C23H46O3	1000383-16-1	68
2	Carbonic acid, decyl undecyl ester	356	C22H44O3	1000383-16-0	68
3	Carbonic acid, decyl tridecyl ester	384	C24H48O3	1000383-16-2	68
4	Carbonic acid, decyl hexadecyl e...	426	C27H54O3	1000383-16-5	64
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	52





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
ClientSampleId : BGER4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.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
(DEL) Alkane: C...	3.078	23.1	ng/ul	141966	1	8.048	122966	20.0
Butane, 2-metho...	3.161	29.2	ng/ul	179339	1	8.048	122966	20.0
Ethanol, 2-(2-b...	10.633	3.6	ng/ul	33116	2	10.868	181340	20.0
Hexanedioic aci...	20.802	9.2	ng/ul	159233	5	21.730	346210	20.0
Carbonic acid, ...	21.360	2.5	ng/ul	42769	5	21.730	346210	20.0