LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049491.D
Acq On : 26 Jul 2021 23:32
Operator : CG/JU
Sample : M3082-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0018

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: BG049491.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.081	3	7	15	rBV2	87309	181233	42.39%	4.082%
2	3.157	16	20	34	rVB	163735	279074	65.27%	6.286%
3	3.868	137	141	150	rBV2	18190	36299	8.49%	0.818%
4	4.032	167	169	173	rBV3	1654	2081	0.49%	0.047%
5	4.156	188	190	191	rBV3	1552	1189	0.28%	0.027%
6	4.761	289	293	296	rBV2	1472	2369	0.55%	0.053%
7	5.160	357	361	362	rBV	1225	1394	0.33%	0.031%
8	6.041	507	511	514	rBV3	1845	2011	0.47%	0.045%
9	6.817	641	643	647	rVB2	1286	1303	0.30%	0.029%
10	6.911	655	659	660	rVB2	1254	1570	0.37%	0.035%
11	7.205	702	709	717	rVB	54616	92096	21.54%	2.074%
12	7.369	731	737	750	rVB	33911	58988	13.80%	1.329%
13	7.581	766	773	780	rBV	52462	92717	21.69%	2.088%
14	7.669	784	788	791	rVB2	2391	2706	0.63%	0.061%
15	8.050	844	853	859	rBV	90906	159058	37.20%	3.582%
16	8.755	967	973	984	rVB3	58240	104909	24.54%	2.363%
17	8.879	988	994	995	rBV	1808	2248	0.53%	0.051%
18	9.219	1044	1052	1059	rBV	52276	95487	22.33%	2.151%
19	9.372	1075	1078	1080	rBV2	1405	1298	0.30%	0.029%
20	9.942	1168	1175	1185	rVB3	49373	89348	20.90%	2.012%
21	10.488	1262	1268	1275	rBV2	67165	120100	28.09%	2.705%
22	10.629	1282	1292	1302	rBV2	16482	33898	7.93%	0.763%
23	10.735	1308	1310	1312	rVB	1576	1190	0.28%	0.027%
24	10.870	1324	1333	1340	rBV	131972	228608	53.47%	5.149%
25	11.005	1350	1356	1369	rVB3	46596	90500	21.17%	2.038%
26	11.751	1478	1483	1486	rBV3	879	1766	0.41%	0.040%
27	12.286	1570	1574	1576	rBV2	1847	2536	0.59%	0.057%
28	12.456	1600	1603	1604	rBV	1079	1160	0.27%	0.026%
29	12.521	1611	1614	1621	rVB3	2212	4307	1.01%	0.097%
30	12.744	1649	1652	1656	rBV3	1881	2156	0.50%	0.049%
31	12.785	1658	1659	1661	rBV	1871	1551	0.36%	0.035%
32	12.973	1688	1691	1693	rBV	1170	1210	0.28%	0.027%
33	13.020	1693	1699	1705	rBV2	14786	30740	7.19%	0.692%
34	13.449	1771	1772	1775	rBV2	1324	1164	0.27%	0.026%
35	13.514	1777	1783	1789	rVV4	2738	6069	1.42%	0.137%
36	13.860	1839	1842	1843	rBV	1810	1154	0.27%	0.026%

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Misc :
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Instrument : BNA_G
ClientSampleId : C0018

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	14.013	1866	1868	1875	rVB3	1961	3289	0.77%	0.074%
38	14.095	1875	1882	1888	rBV	140210	203759	47.66%	4.589%
39	14.166	1892	1894	1900	rVV	1482	2523	0.59%	0.057%
40	14.207	1900	1901	1906	rVB	1400	1655	0.39%	0.037%
41	14.254	1906	1909	1912	rBV	1759	1941	0.45%	0.044%
42	14.389	1926	1932	1941	rBV	145824	222877	52.13%	5.020%
43	14.530	1950	1956	1958	rBV	1047	1615	0.38%	0.036%
44	14.583	1961	1965	1968	rVV2	2884	3769	0.88%	0.085%
45	14.694	1978	1984	1993	rVB	219187	343285	80.29%	7.732%
46	14.759	1993	1995	1997	rBV2	1294	1324	0.31%	0.030%
47	14.894	2013	2018	2029	rBV3	48000	90932	21.27%	2.048%
48	15.041	2041	2043	2045	rVB	2091	1550	0.36%	0.035%
49	15.100	2048	2053	2058	rVV4	4980	7441	1.74%	0.168%
50	15.164	2060	2064	2069	rBV2	1419	2429	0.57%	0.055%
51	15.370	2093	2099	2103	rVB	2164	3103	0.73%	0.070%
52	15.405	2103	2105	2108	rBV	1169	1405	0.33%	0.032%
53	15.464	2113	2115	2116	rBV	1311	1242	0.29%	0.028%
54	15.599	2136	2138	2142	rBV	1185	1427	0.33%	0.032%
55	15.687	2147	2153	2160	rVV	183234	285379	66.75%	6.428%
56	15.740	2160	2162	2169	rVB2	3147	3532	0.83%	0.080%
57	15.805	2169	2173	2181	rBV	36661	56023	13.10%	1.262%
58	15.899	2185	2189	2192	rBV	1116	1402	0.33%	0.032%
59	15.922	2192	2193	2195	rBV	2221	1908	0.45%	0.043%
60	16.040	2210	2213	2217	rVB	3122	3668	0.86%	0.083%
61	16.157	2231	2233	2235	rBV	1987	2073	0.48%	0.047%
62	16.239	2245	2247	2250	rBV	1467	1398	0.33%	0.031%
63	16.398	2271	2274	2276	rBV2	4679	5302	1.24%	0.119%
64	16.486	2284	2289	2290	rVB2	1364	1681	0.39%	0.038%
65	16.574	2300	2304	2309	rVB4	9467	15322	3.58%	0.345%
66	16.833	2344	2348	2352	rVB2	4367	5244	1.23%	0.118%
67	16.944	2365	2367	2370	rBV2	1728	2420	0.57%	0.055%
68	17.085	2389	2391	2393	rBV2	1692	1762	0.41%	0.040%
69	17.191	2403	2409	2413	rBV6	7134	11226	2.63%	0.253%
70	17.332	2428	2433	2439	rVB3	8400	11862	2.77%	0.267%
71	17.397	2439	2444	2447	rBV3	4307	6997	1.64%	0.158%
72	17.450	2447	2453	2457	rBV	284109	427541	100.00%	9.630%
73	17.544	2464	2469	2480	rVB2	198436	318438	74.48%	7.172%
74	17.726	2498	2500	2504	rBV4	2737	3378	0.79%	0.076%
75	17.937	2531	2536	2539	rBV5	4160	6347	1.48%	0.143%
76	18.025	2549	2551	2555	rBV4	4833	4873	1.14%	0.110%

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Misc :
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Instrument : BNA_G
ClientSampleId : C0018

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-BG072421.M
Title : SVOA CALIBRATION

77	18.266	2590	2592	2598	rVB4	6079	6306	1.47%	0.142%
78	18.331	2598	2603	2607	rBV3	47681	71294	16.68%	1.606%
79	18.519	2631	2635	2639	rBV2	10942	17287	4.04%	0.389%
80	19.500	2798	2802	2807	rVB	118414	167346	39.14%	3.769%
81	19.835	2853	2859	2862	rBV2	230382	368811	86.26%	8.307%

Sum of corrected areas: 4439873

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Misc :
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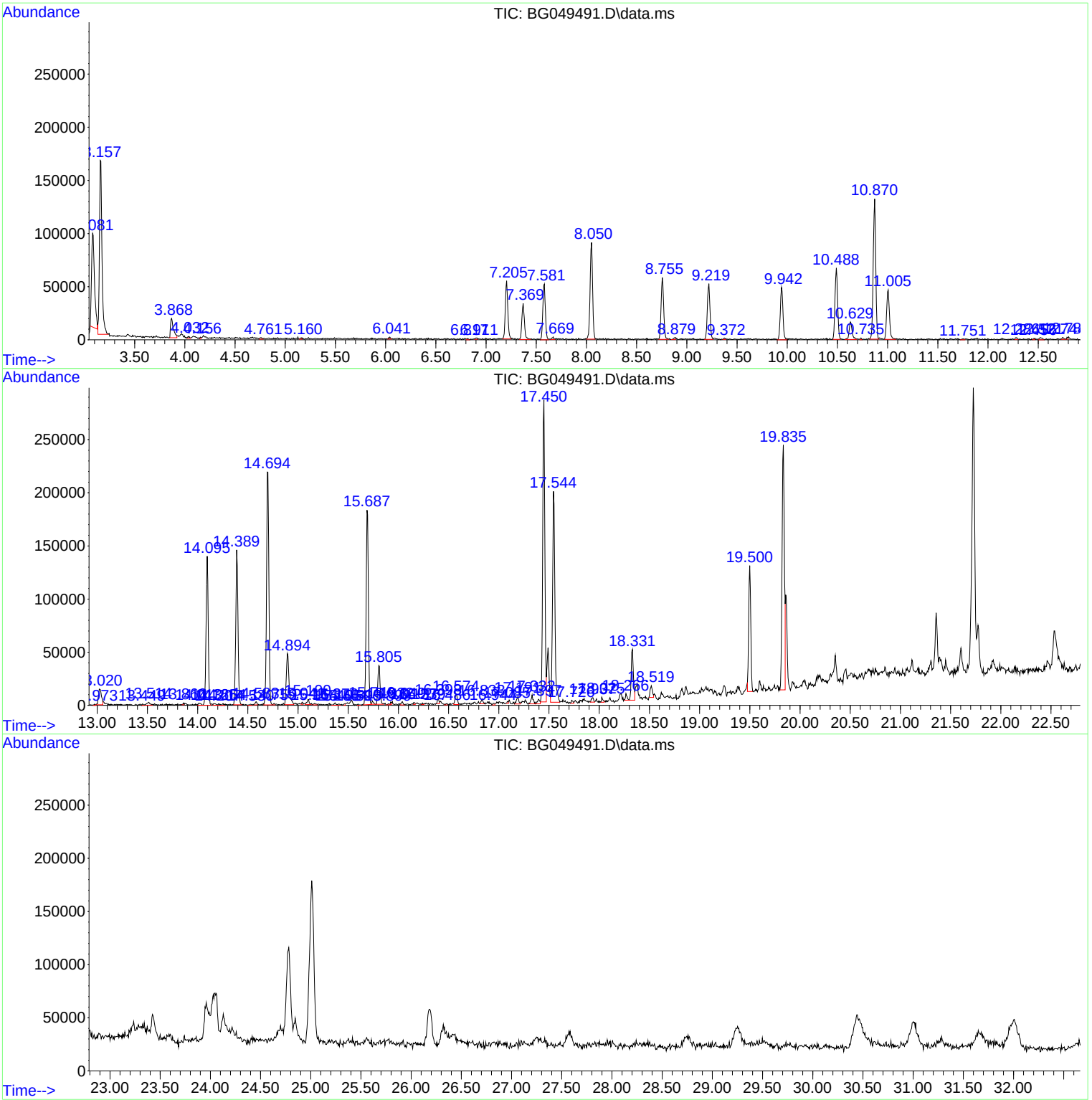
Instrument :
BNA_G
ClientSampleId :
C0018

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\BG072621\
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Sample : M3082-20
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Instrument : BNA_G
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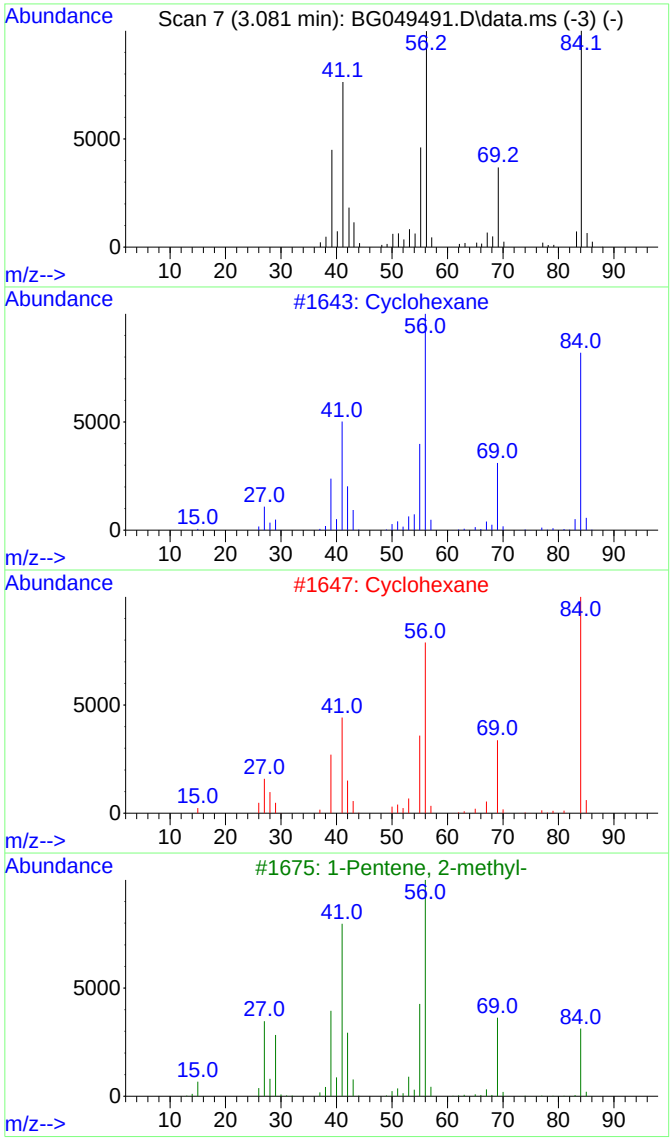
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

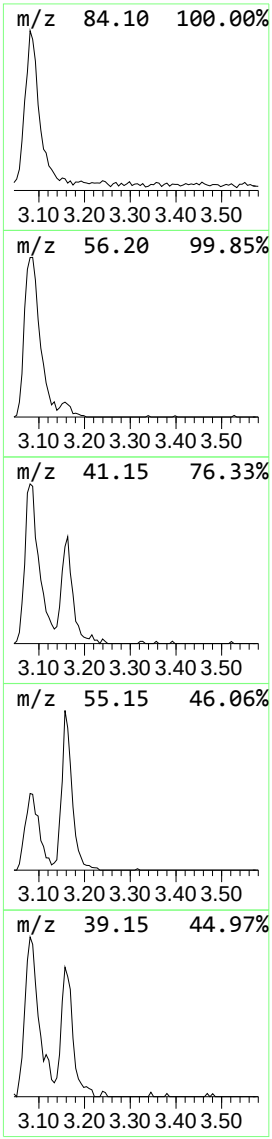
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.081 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.081	22.79 ng/ul	181233	1,4-Dichlorobenzene-d4	8.050

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	93
2	Cyclohexane	84	C6H12	000110-82-7	76
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
4	Cyclohexane	84	C6H12	000110-82-7	64
5	Cyclohexane	84	C6H12	000110-82-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
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Operator : CG/JU
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Instrument : BNA_G
ClientSampleId : C0018

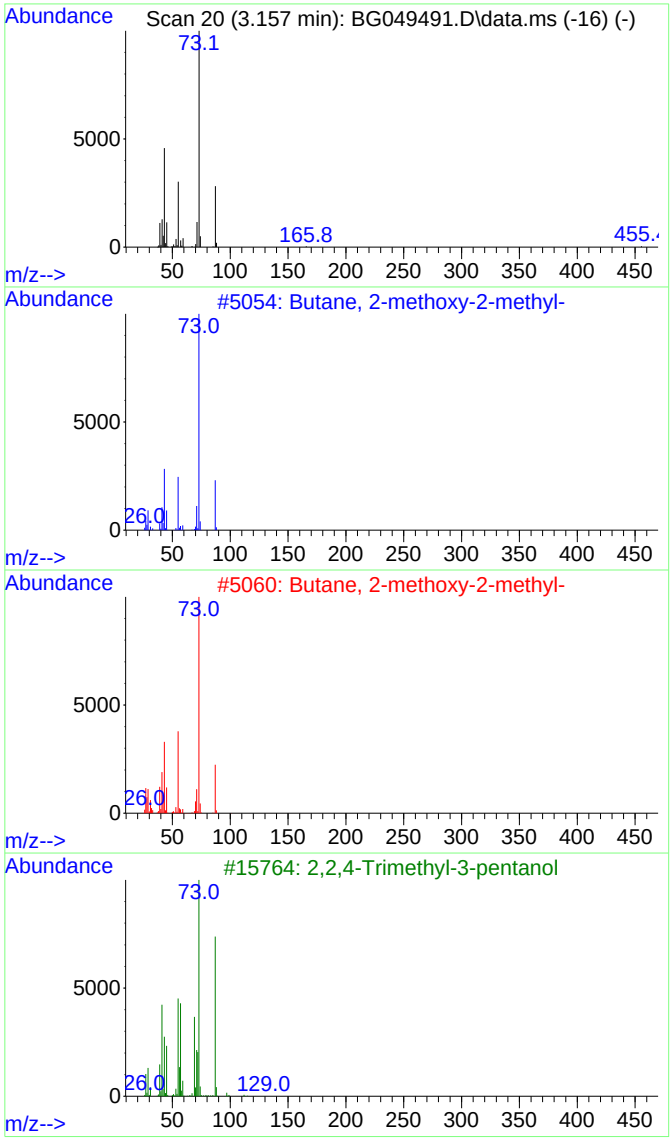
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

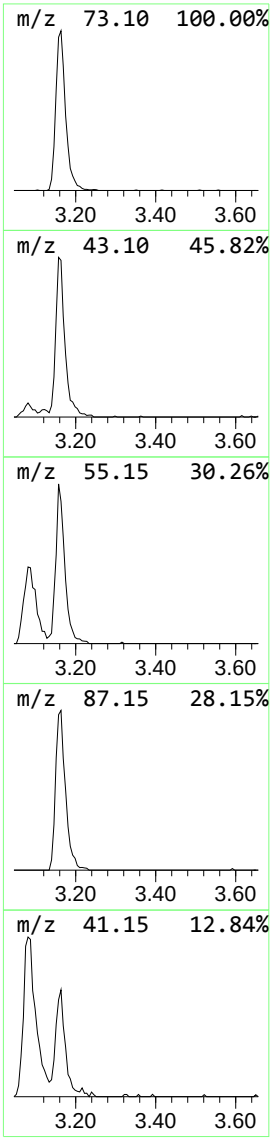
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.157	35.09 ng/ul	279074	1,4-Dichlorobenzene-d4	8.050

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	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	17





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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0018

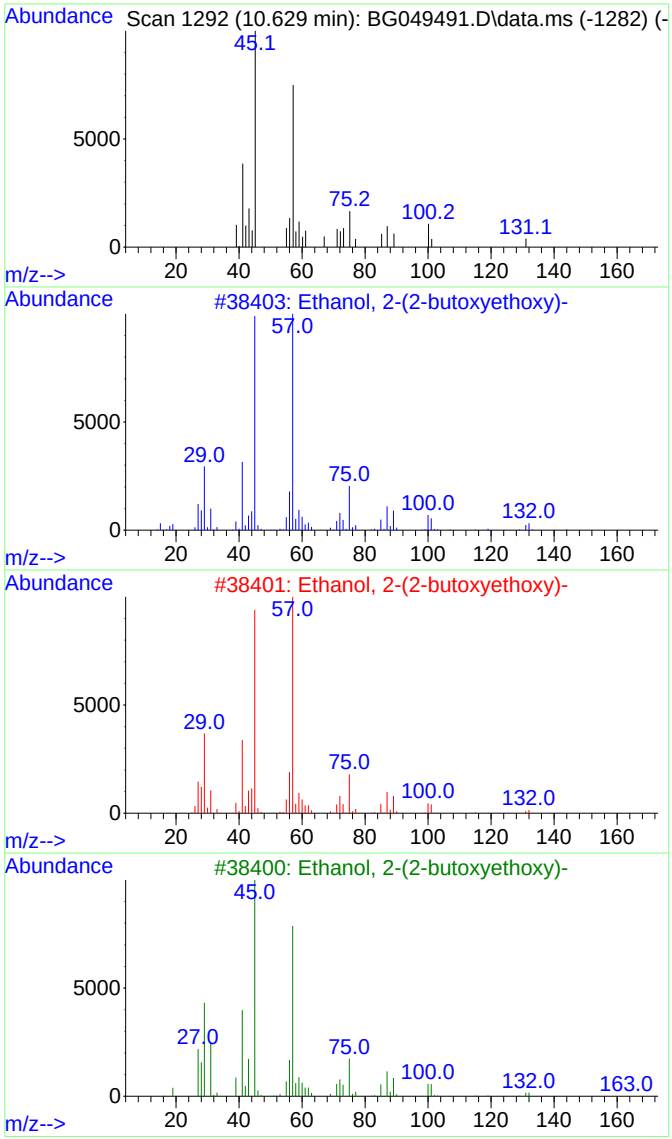
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

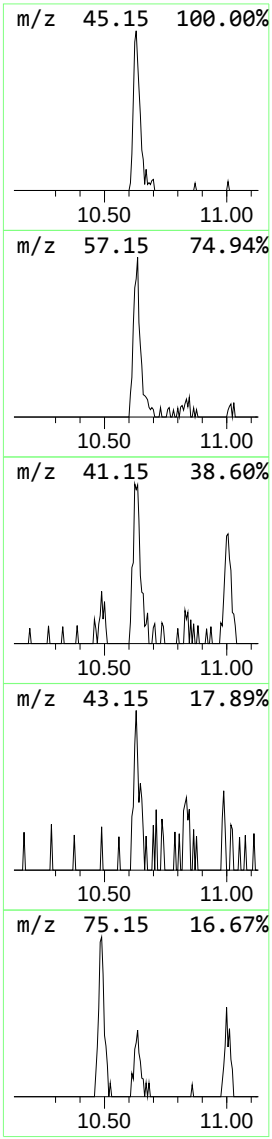
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.629	2.97 ng/ul	33898	Naphthalene-d8	10.870

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72
4	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	72
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	50





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Instrument : BNA_G
ClientSampleId : C0018

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

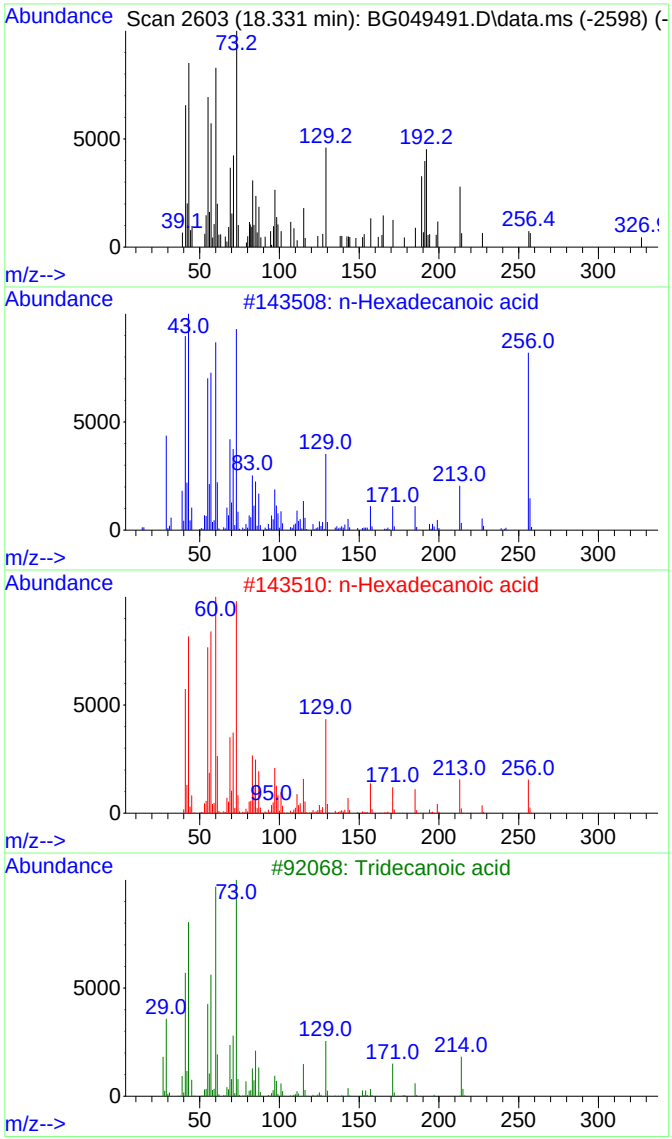
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

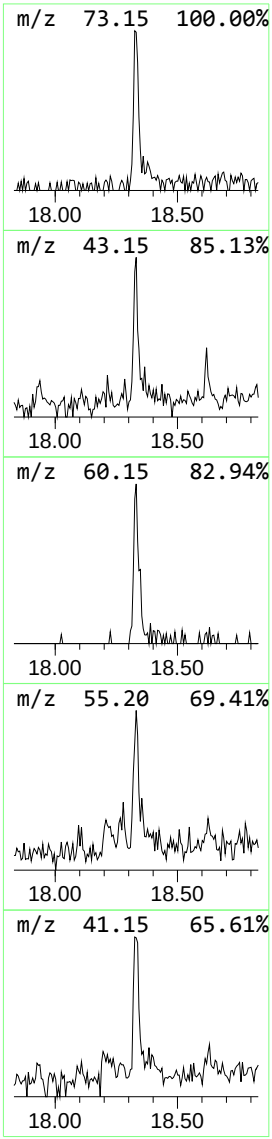
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.331	3.34 ng/ul	71294	Phenanthrene-d10	17.450

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	55
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49
5	Tridecanoic acid	214	C13H26O2	000638-53-9	49





Tentatively Identified Compound (LSC) summary

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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...	3.081	22.8	ng/ul	181233	1	8.050	159058	20.0
Butane, 2-metho...	3.157	35.1	ng/ul	279074	1	8.050	159058	20.0
Ethanol, 2-(2-b...	10.629	3.0	ng/ul	33898	2	10.870	228608	20.0
n-Hexadecanoic ...	18.331	3.3	ng/ul	71294	4	17.450	427541	20.0