LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050383.D
Acq On : 2 Oct 2021 10:06
Operator : CG/JU
Sample : M3877-07
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW2M3

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-BG093021.M
Title : SVOA CALIBRATION

Signal : TIC: BG050383.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.641	22	26	30	rBV3	8157	10854	1.30%	0.116%
2	3.876	65	66	70	rBV3	2273	2210	0.27%	0.024%
3	3.911	70	72	74	rBV3	1691	1654	0.20%	0.018%
4	4.064	94	98	110	rBV2	63530	128496	15.44%	1.369%
5	4.175	112	117	123	rVV2	27288	46905	5.64%	0.500%
6	4.240	126	128	133	rVV4	5221	8220	0.99%	0.088%
7	4.299	134	138	147	rVB2	12610	23719	2.85%	0.253%
8	4.405	153	156	161	rVB4	3610	5984	0.72%	0.064%
9	4.557	180	182	183	rBV2	2001	1363	0.16%	0.015%
10	4.616	187	192	197	rBV3	10943	17398	2.09%	0.185%
11	4.775	217	219	225	rBV5	1811	2842	0.34%	0.030%
12	4.857	231	233	235	rBV3	1661	1641	0.20%	0.017%
13	4.933	241	246	248	rBV3	1120	1764	0.21%	0.019%
14	4.969	248	252	258	rVV5	3440	5240	0.63%	0.056%
15	5.033	259	263	267	rVB2	5960	8935	1.07%	0.095%
16	5.110	274	276	280	rBV3	2323	3113	0.37%	0.033%
17	5.339	309	315	321	rVB3	5536	10692	1.29%	0.114%
18	5.421	325	329	332	rBV3	5392	7046	0.85%	0.075%
19	6.250	465	470	475	rBV6	1391	2517	0.30%	0.027%
20	6.584	524	527	530	rBV3	1101	1483	0.18%	0.016%
21	7.219	629	635	636	rBV3	1273	2434	0.29%	0.026%
22	7.401	659	666	676	rBV	122387	224404	26.97%	2.390%
23	7.583	688	697	708	rBV	95616	161143	19.37%	1.716%
24	7.718	714	720	721	rBV3	804	1445	0.17%	0.015%
25	7.795	726	733	739	rVV	117385	206290	24.79%	2.197%
26	7.871	742	746	751	rVB4	3311	5650	0.68%	0.060%
27	8.071	777	780	784	rVB5	1045	1773	0.21%	0.019%
28	8.271	805	814	822	rBV	218019	380442	45.73%	4.052%
29	8.423	838	840	845	rBV4	735	1472	0.18%	0.016%
30	8.488	849	851	855	rVB3	2417	3398	0.41%	0.036%
31	8.729	887	892	894	rVB3	915	1297	0.16%	0.014%
32	8.805	902	905	908	rBV	2185	2195	0.26%	0.023%
33	8.958	921	931	940	rBV	108006	196435	23.61%	2.092%
34	9.099	950	955	960	rVB4	2232	4202	0.51%	0.045%
35	9.440	1004	1013	1020	rBV	117815	214427	25.77%	2.284%
36	9.587	1034	1038	1040	rBV2	1197	1324	0.16%	0.014%

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Sample : M3877-07
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW2M3

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-BG093021.M
Title : SVOA CALIBRATION

37	9.834	1077	1080	1086	rVB3	1215	1651	0.20%	0.018%
38	10.086	1119	1123	1125	rBV3	1983	2446	0.29%	0.026%
39	10.110	1125	1127	1130	rVV3	2073	2550	0.31%	0.027%
40	10.163	1130	1136	1144	rVB2	88307	164409	19.76%	1.751%
41	10.356	1165	1169	1170	rBV3	1872	2339	0.28%	0.025%
42	10.433	1179	1182	1185	rBV2	1211	1513	0.18%	0.016%
43	10.697	1220	1227	1237	rVB	131151	250000	30.05%	2.663%
44	10.838	1246	1251	1263	rVB	39762	70948	8.53%	0.756%
45	11.097	1287	1295	1302	rVB	285193	531917	63.93%	5.665%
46	11.220	1308	1316	1323	rBV2	98692	187714	22.56%	1.999%
47	11.285	1323	1327	1336	rVB5	6417	16517	1.99%	0.176%
48	11.502	1362	1364	1367	rBV3	1545	1387	0.17%	0.015%
49	11.831	1417	1420	1421	rBV3	1800	1776	0.21%	0.019%
50	11.866	1424	1426	1430	rVB2	920	1305	0.16%	0.014%
51	12.536	1536	1540	1541	rBV2	1276	1345	0.16%	0.014%
52	12.654	1556	1560	1565	rBV2	2945	4170	0.50%	0.044%
53	13.253	1656	1662	1664	rBV4	1988	2989	0.36%	0.032%
54	13.376	1681	1683	1687	rBV2	845	1383	0.17%	0.015%
55	13.488	1701	1702	1707	rVB2	2152	1526	0.18%	0.016%
56	13.676	1730	1734	1735	rBV3	1213	1691	0.20%	0.018%
57	13.764	1742	1749	1750	rBV4	1462	2080	0.25%	0.022%
58	14.275	1828	1836	1844	rVB	236446	357990	43.03%	3.813%
59	14.510	1874	1876	1880	rVB4	2120	2841	0.34%	0.030%
60	14.581	1880	1888	1896	rBV	268819	436607	52.48%	4.650%
61	14.681	1902	1905	1908	rVB2	1643	1439	0.17%	0.015%
62	14.757	1915	1918	1921	rVB3	1914	1758	0.21%	0.019%
63	14.886	1933	1940	1947	rBV	453747	704368	84.66%	7.502%
64	15.045	1961	1967	1977	rBV	103005	173774	20.89%	1.851%
65	15.210	1991	1995	1999	rVB2	4739	7690	0.92%	0.082%
66	15.257	1999	2003	2005	rBV2	2798	3716	0.45%	0.040%
67	15.274	2005	2006	2012	rVB4	3517	4657	0.56%	0.050%
68	15.433	2028	2033	2036	rBV3	1556	1923	0.23%	0.020%
69	15.656	2069	2071	2074	rVB	2552	2038	0.24%	0.022%
70	15.750	2083	2087	2088	rBV4	1279	1916	0.23%	0.020%
71	15.874	2101	2108	2116	rVV	352863	549824	66.08%	5.856%
72	15.973	2119	2125	2133	rBV2	80794	126485	15.20%	1.347%
73	16.073	2139	2142	2143	rBV2	1298	1405	0.17%	0.015%
74	16.114	2143	2149	2154	rVV4	4918	8250	0.99%	0.088%
75	16.232	2165	2169	2171	rVB3	1158	1710	0.21%	0.018%
76	16.250	2171	2172	2177	rBV3	1621	2651	0.32%	0.028%

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Sample : M3877-07
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW2M3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Title : SVOA CALIBRATION

77	16.320	2180	2184	2188	rVV4	1838	2500	0.30%	0.027%
78	16.402	2196	2198	2201	rVB2	1414	1262	0.15%	0.013%
79	16.514	2212	2217	2218	rBV4	2354	3112	0.37%	0.033%
80	16.561	2224	2225	2229	rVB4	2928	2191	0.26%	0.023%
81	16.696	2246	2248	2251	rBV2	3003	2711	0.33%	0.029%
82	16.778	2258	2262	2263	rVV3	3446	4202	0.51%	0.045%
83	16.819	2263	2269	2280	rVB3	43373	78900	9.48%	0.840%
84	16.990	2295	2298	2302	rBV5	2738	3696	0.44%	0.039%
85	17.096	2313	2316	2319	rVB3	3665	3676	0.44%	0.039%
86	17.319	2349	2354	2358	rBV4	11677	19835	2.38%	0.211%
87	17.395	2366	2367	2368	rBV	2645	1804	0.22%	0.019%
88	17.489	2379	2383	2388	rBV4	12000	18410	2.21%	0.196%
89	17.554	2390	2394	2399	rBV6	6783	9630	1.16%	0.103%
90	17.630	2400	2407	2416	rVB	534518	819174	98.46%	8.725%
91	17.724	2417	2423	2432	rBV	352802	561473	67.48%	5.980%
92	17.965	2459	2464	2467	rBV6	3069	6464	0.78%	0.069%
93	18.271	2512	2516	2522	rBV2	11473	16647	2.00%	0.177%
94	18.377	2529	2534	2539	rVB5	14312	23328	2.80%	0.248%
95	18.435	2539	2544	2547	rBV4	13078	20477	2.46%	0.218%
96	18.488	2549	2553	2560	rVV2	76737	110201	13.25%	1.174%
97	19.745	2764	2767	2775	rBV8	24918	34713	4.17%	0.370%
98	19.998	2805	2810	2819	rVB	451288	673188	80.91%	7.170%
99	21.931	3133	3139	3146	rVB	455583	832005	100.00%	8.862%
100	25.351	3716	3721	3734	rVB3	255976	796070	95.68%	8.479%

Sum of corrected areas: 9388774

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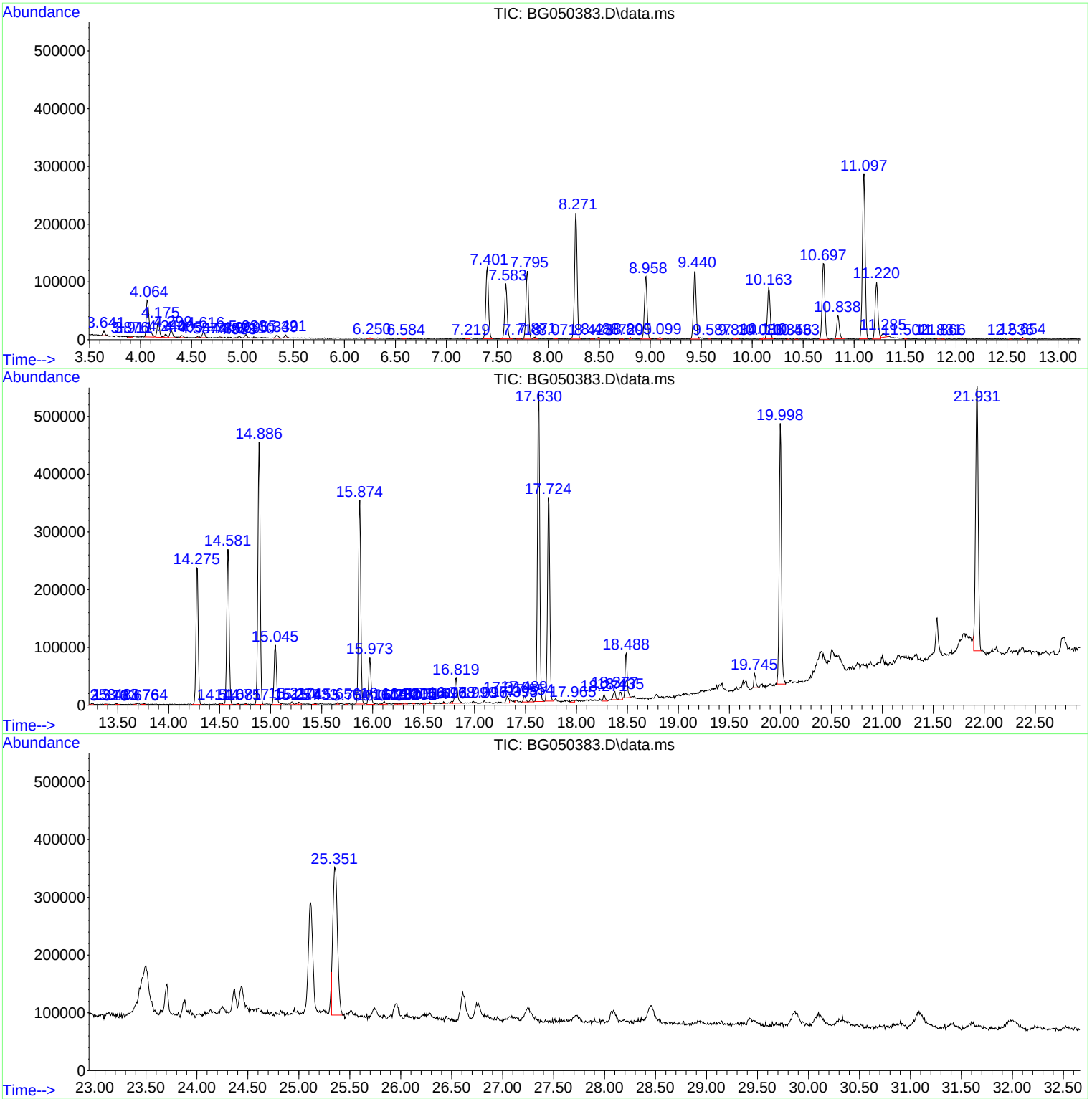
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW2M3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
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Quant Title : SVOA CALIBRATION

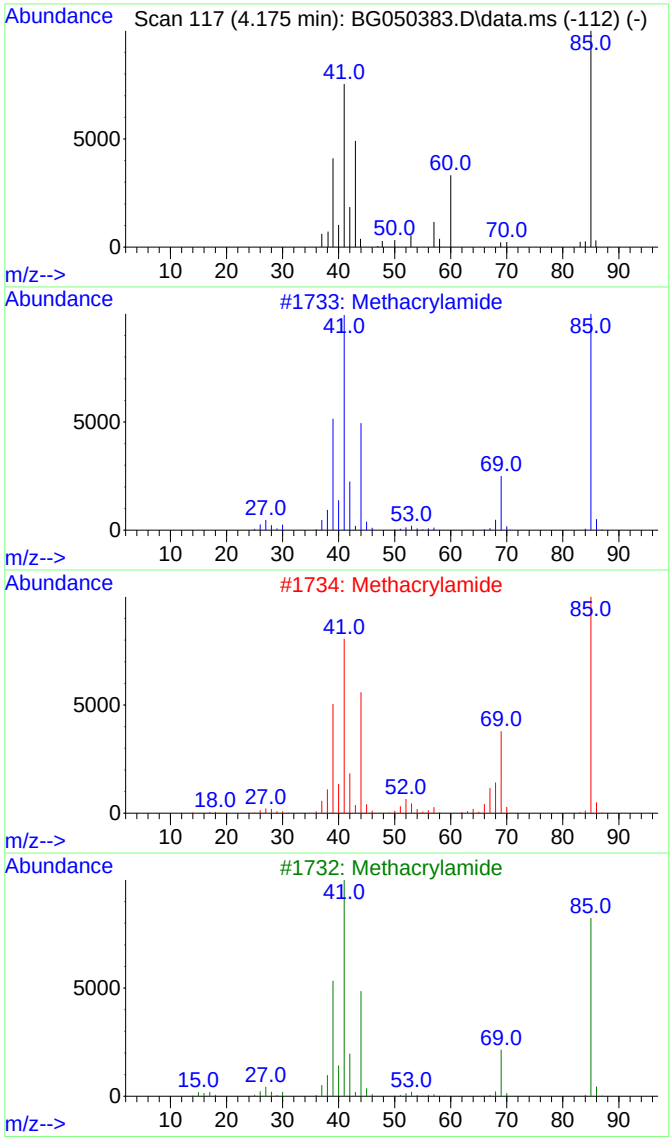
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

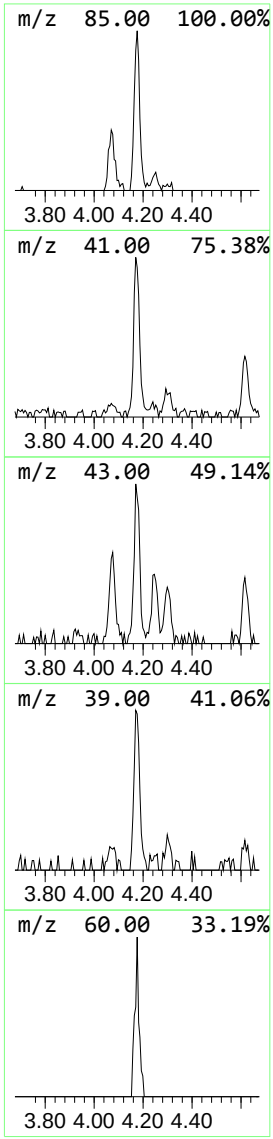
****

Peak Number 1 Methacrylamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.175	2.47 ng/ul	46905	1,4-Dichlorobenzene-d4	8.271

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	64
2	Methacrylamide	85	C4H7NO	000079-39-0	39
3	Methacrylamide	85	C4H7NO	000079-39-0	38
4	trans-Crotonamide	85	C4H7NO	000625-37-6	25
5	Dimethylketene	70	C4H6O	000598-26-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
Data File : BG050383.D
Acq On : 2 Oct 2021 10:06
Operator : CG/JU
Sample : M3877-07
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW2M3

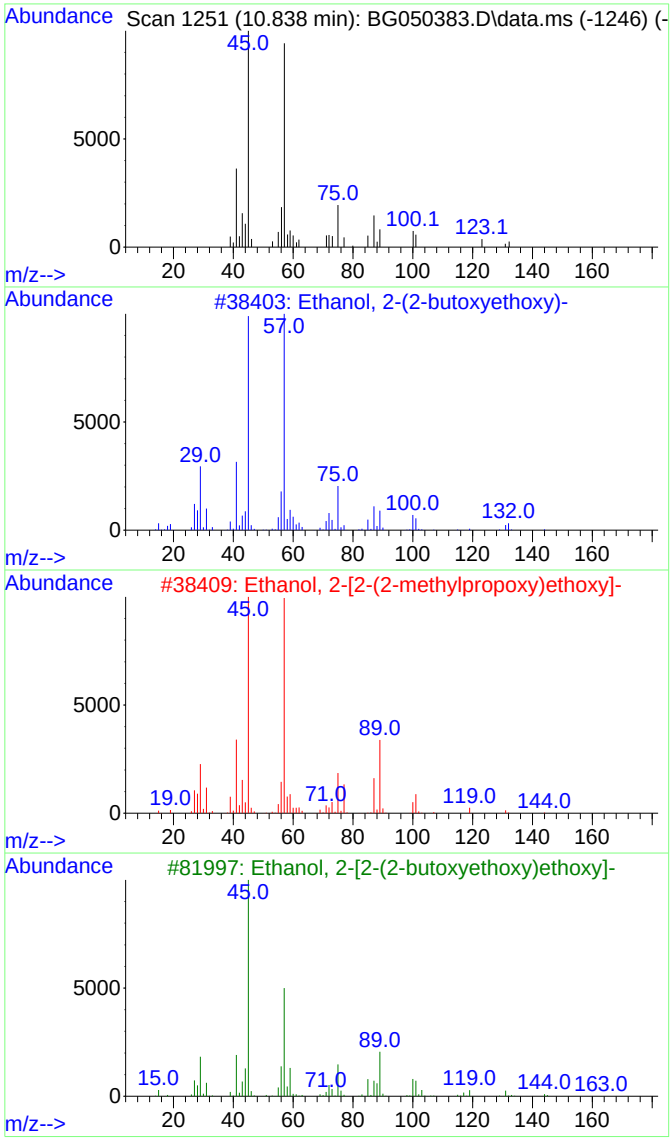
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

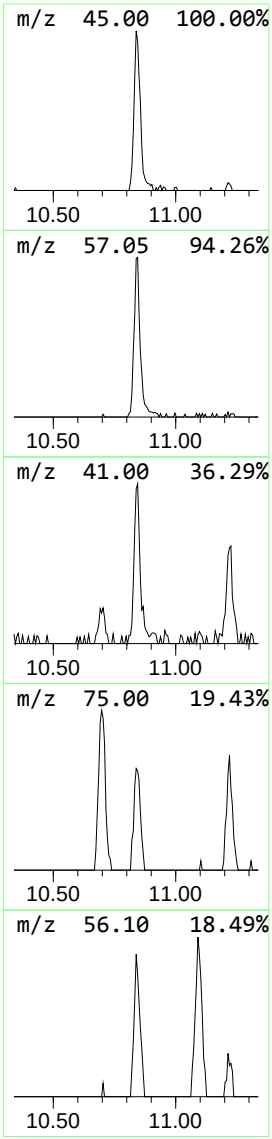
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.838	2.67 ng/ul	70948	Naphthalene-d8	11.097

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	86
2	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	72
3	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	72
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64





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Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EW2M3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.M
Quant Title : SVOA CALIBRATION

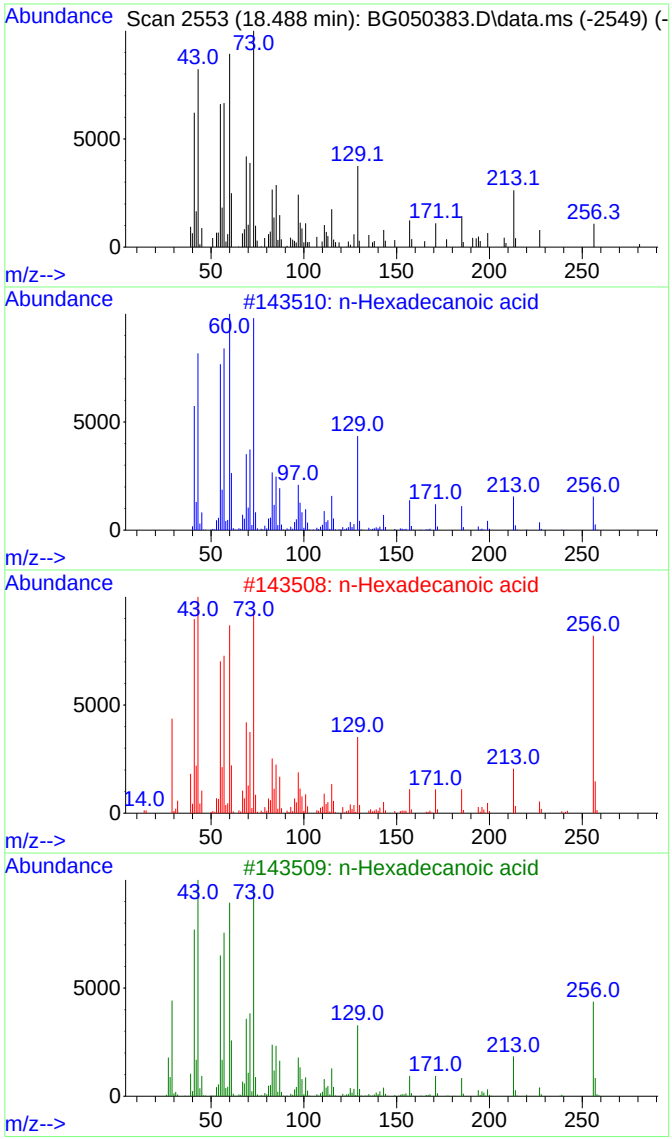
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

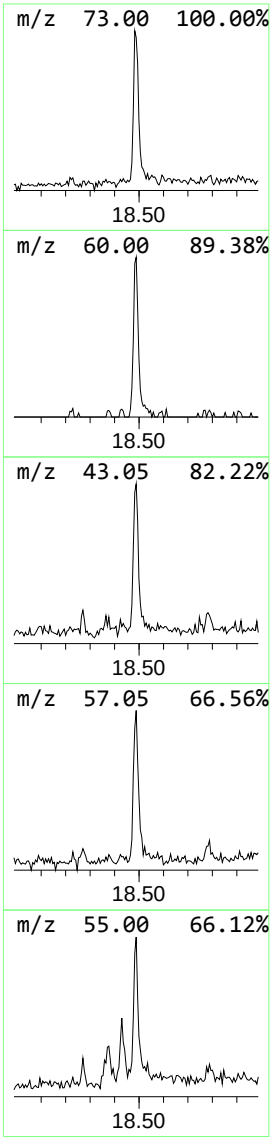
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.488	2.69 ng/ul	110201	Phenanthrene-d10	17.630

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	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG093021\
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Instrument : BNA_G
ClientSampleId : EW2M3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG093021.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
Methacrylamide	4.175	2.5	ng/ul	46905	1	8.271	380442	20.0
Ethanol, 2-(2-b...	10.838	2.7	ng/ul	70948	2	11.097	531917	20.0
n-Hexadecanoic ...	18.488	2.7	ng/ul	110201	4	17.630	819174	20.0