LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121515\
Data File : BG020178.D
Acq On : 15 Dec 2015 7:28
Operator : UM/SJ
Sample : G4787-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BN4

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.126	44	49	58	rVV	29198	50745	6.13%	0.587%
2	3.202	58	62	69	rVB	15420	20714	2.50%	0.239%
3	3.472	105	108	113	rVB3	4902	6118	0.74%	0.071%
4	7.057	714	718	719	rBV2	1379	1662	0.20%	0.019%
5	7.245	744	750	760	rVB	94885	167194	20.21%	1.933%
6	7.421	773	780	788	rVB	71462	116881	14.13%	1.351%
7	7.626	809	815	823	rBV	94632	155338	18.77%	1.796%
8	8.102	889	896	903	rVB	68632	116299	14.06%	1.344%
9	8.802	1008	1015	1023	rBV	126638	217566	26.30%	2.515%
10	9.266	1087	1094	1102	rBV	97765	167618	20.26%	1.937%
11	9.360	1104	1110	1117	rBV2	6353	10253	1.24%	0.119%
12	9.665	1160	1162	1166	rVB2	1107	1138	0.14%	0.013%
13	9.988	1210	1217	1225	rVB	85603	150403	18.18%	1.739%
14	10.529	1301	1309	1318	rBV	136607	233061	28.17%	2.694%
15	10.676	1332	1334	1341	rVB2	1100	1690	0.20%	0.020%
16	10.917	1368	1375	1382	rVB	104096	183770	22.21%	2.124%
17	11.046	1390	1397	1406	rBV	125600	226772	27.41%	2.621%
18	12.104	1575	1577	1580	rVB2	950	1113	0.13%	0.013%
19	12.491	1640	1643	1648	rVB	2139	2813	0.34%	0.033%
20	13.543	1817	1822	1825	rVB2	2170	2509	0.30%	0.029%
21	14.131	1915	1922	1926	rBV	282866	418734	50.61%	4.840%
22	14.172	1926	1929	1937	rVB	143433	198314	23.97%	2.292%
23	14.236	1937	1940	1948	rVB3	1821	2985	0.36%	0.035%
24	14.424	1965	1972	1980	rVB	300351	467809	56.54%	5.407%
25	14.606	1999	2003	2008	rBV2	11640	15088	1.82%	0.174%
26	14.683	2013	2016	2018	rBV3	1451	1578	0.19%	0.018%
27	14.730	2018	2024	2032	rVB2	202547	312989	37.83%	3.618%
28	14.912	2048	2055	2066	rBV	133987	220017	26.59%	2.543%
29	15.053	2075	2079	2085	rVB4	2739	5459	0.66%	0.063%
30	15.112	2085	2089	2094	rVV5	2972	5681	0.69%	0.066%
31	15.165	2096	2098	2102	rVB2	2261	2510	0.30%	0.029%
32	15.218	2102	2107	2113	rBV4	3485	6349	0.77%	0.073%
33	15.294	2113	2120	2124	rVB3	2579	3692	0.45%	0.043%
34	15.435	2140	2144	2145	rBV2	1042	1161	0.14%	0.013%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121515\
Data File : BG020178.D
Acq On : 15 Dec 2015 7:28
Operator : UM/SJ
Sample : G4787-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BN4

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Title : SVOA CALIBRATION

35	15.505	2152	2156	2160	rBV3	3171	5304	0.64%	0.061%
36	15.558	2160	2165	2170	rVB	19778	26758	3.23%	0.309%
37	15.617	2170	2175	2181	rBV7	2274	5330	0.64%	0.062%
38	15.717	2186	2192	2199	rBV	429061	631060	76.27%	7.294%
39	15.823	2205	2210	2220	rVB	133175	194398	23.50%	2.247%
40	15.958	2225	2233	2238	rBV4	9292	18273	2.21%	0.211%
41	15.999	2238	2240	2245	rVB4	1984	2340	0.28%	0.027%
42	16.058	2247	2250	2253	rVB3	2048	2761	0.33%	0.032%
43	16.111	2256	2259	2264	rVV2	2496	3241	0.39%	0.037%
44	16.181	2266	2271	2274	rBV3	2965	3854	0.47%	0.045%
45	16.258	2282	2284	2288	rBV3	1284	1633	0.20%	0.019%
46	16.299	2288	2291	2293	rBV2	1366	1182	0.14%	0.014%
47	16.416	2306	2311	2314	rBV	21328	28679	3.47%	0.331%
48	16.598	2336	2342	2345	rBV4	2090	3185	0.38%	0.037%
49	16.763	2366	2370	2373	rBV4	2753	4431	0.54%	0.051%
50	16.822	2378	2380	2382	rVB3	1598	1247	0.15%	0.014%
51	16.927	2394	2398	2400	rBV2	2539	3529	0.43%	0.041%
52	16.986	2405	2408	2412	rBV4	1894	3201	0.39%	0.037%
53	17.162	2434	2438	2440	rBV2	1195	1584	0.19%	0.018%
54	17.209	2440	2446	2451	rVV	13368	17095	2.07%	0.198%
55	17.262	2451	2455	2459	rVB2	5283	7327	0.89%	0.085%
56	17.368	2470	2473	2476	rVB2	1235	1340	0.16%	0.015%
57	17.474	2484	2491	2497	rBV	290178	436024	52.70%	5.040%
58	17.574	2501	2508	2516	rVV	491963	740533	89.50%	8.560%
59	17.626	2516	2517	2523	rVB2	1916	2192	0.26%	0.025%
60	17.738	2533	2536	2539	rBV2	1459	1532	0.19%	0.018%
61	17.844	2547	2554	2556	rBV3	981	2175	0.26%	0.025%
62	17.944	2568	2571	2578	rVB3	4274	6033	0.73%	0.070%
63	18.343	2633	2639	2649	rBV2	57565	84071	10.16%	0.972%
64	18.414	2649	2651	2657	rVB3	1828	2905	0.35%	0.034%
65	18.637	2686	2689	2691	rBV	927	1292	0.16%	0.015%
66	19.001	2747	2751	2754	rBV3	1335	1528	0.18%	0.018%
67	19.131	2771	2773	2778	rBV4	1046	1475	0.18%	0.017%
68	19.483	2826	2833	2839	rBV3	7148	14228	1.72%	0.164%
69	19.607	2849	2854	2860	rBV2	27619	34585	4.18%	0.400%
70	19.742	2873	2877	2879	rBV	4450	5556	0.67%	0.064%
71	19.853	2889	2896	2903	rBV	581775	827398	100.00%	9.564%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121515\
Data File : BG020178.D
Acq On : 15 Dec 2015 7:28
Operator : UM/SJ
Sample : G4787-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BN4

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Title : SVOA CALIBRATION

72	20.335	2976	2978	2981	rVB2	3613	2805	0.34%	0.032%
73	20.517	3006	3009	3010	rBV2	1020	1310	0.16%	0.015%
74	20.676	3034	3036	3038	rBV3	1700	1275	0.15%	0.015%
75	20.746	3041	3048	3053	rBV	51786	71429	8.63%	0.826%
76	20.852	3062	3066	3071	rBV6	2641	4476	0.54%	0.052%
77	21.187	3119	3123	3124	rBV2	1442	1829	0.22%	0.021%
78	21.363	3149	3153	3164	rBV	85550	141887	17.15%	1.640%
79	21.745	3211	3218	3226	rBV	324158	515392	62.29%	5.957%
80	23.238	3470	3472	3477	rVB4	4346	6692	0.81%	0.077%
81	24.066	3607	3613	3620	rVB4	8995	19533	2.36%	0.226%
82	24.795	3726	3737	3749	rVB	285038	752122	90.90%	8.694%
83	25.018	3765	3775	3788	rVB2	179967	507254	61.31%	5.863%

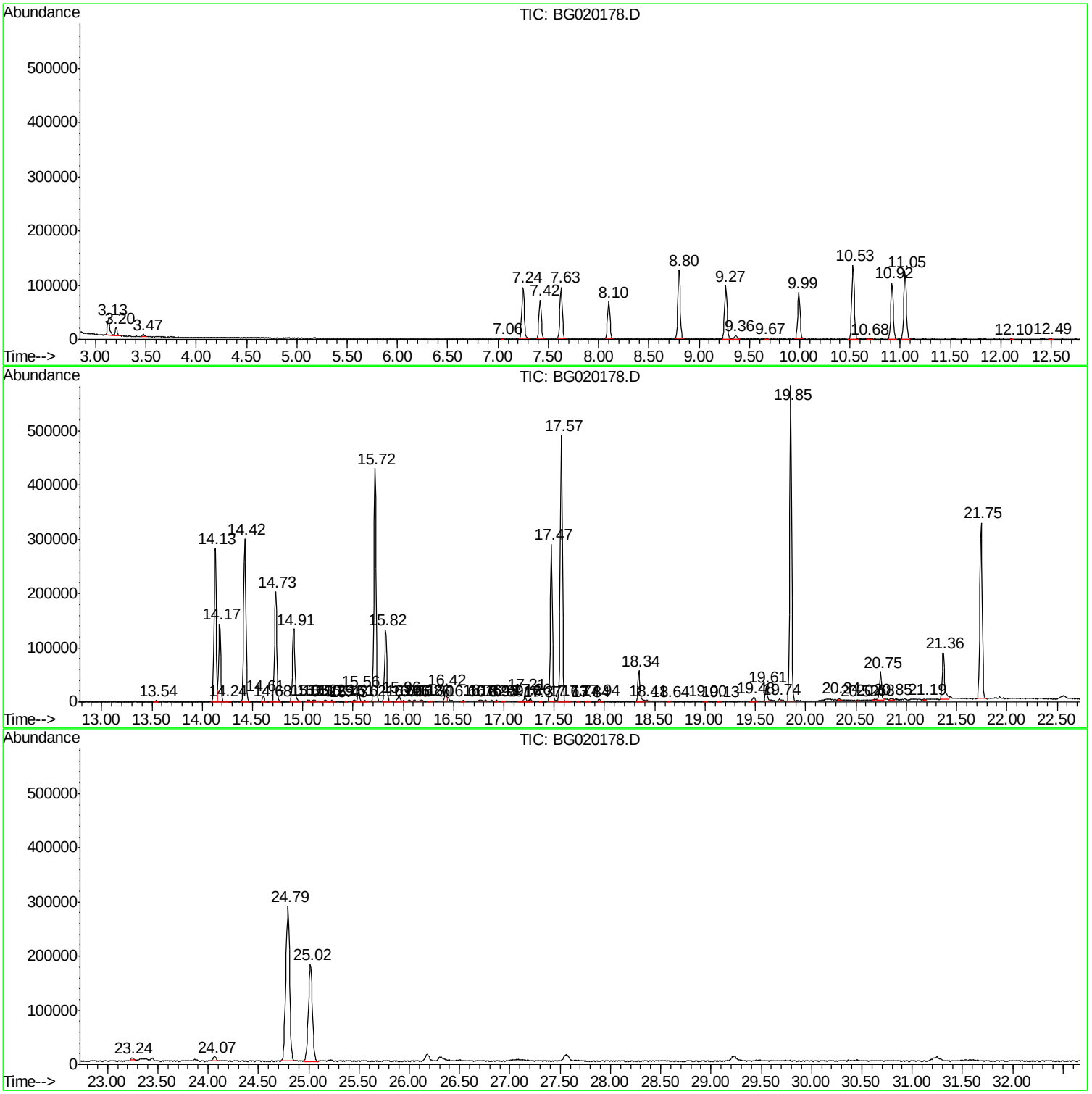
Sum of corrected areas: 8651306

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121515\
Data File : BG020178.D
Acq On : 15 Dec 2015 7:28
Operator : UM/SJ
Sample : G4787-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G9BN4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121515\
Data File : BG020178.D
Acq On : 15 Dec 2015 7:28
Operator : UM/SJ
Sample : G4787-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BN4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

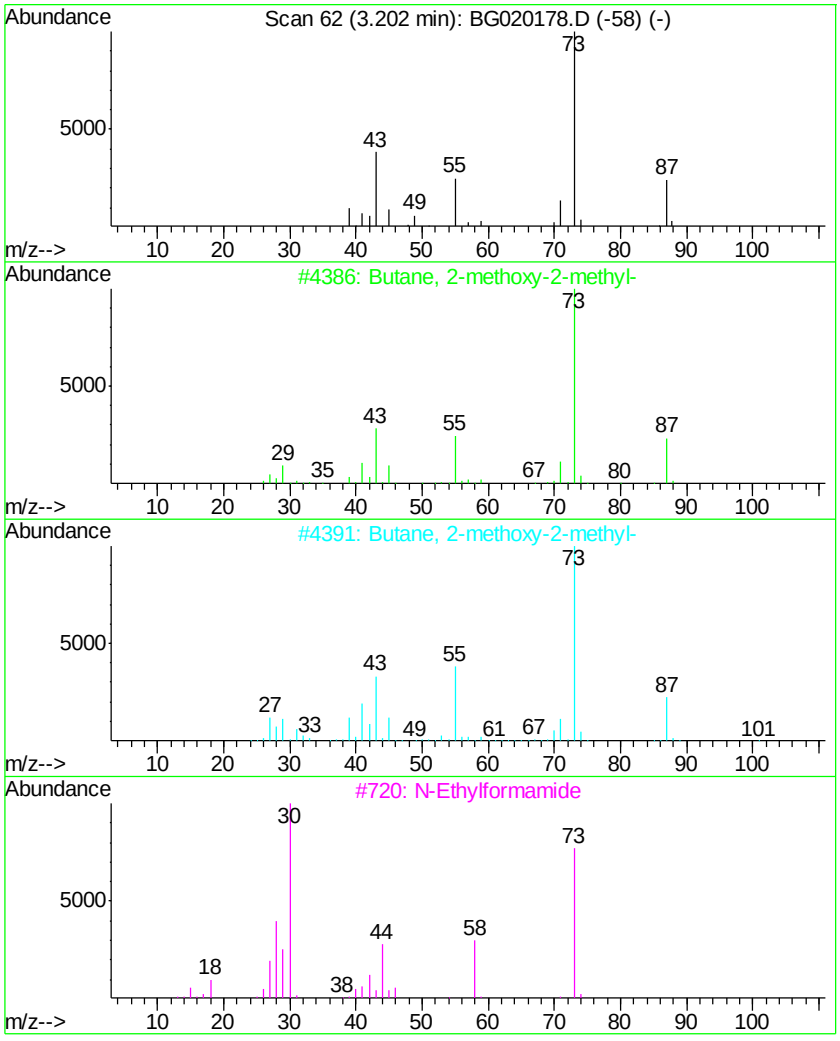
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

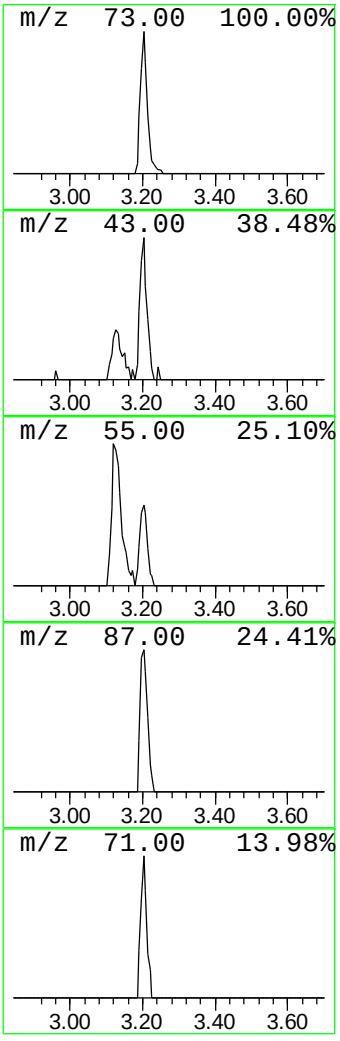
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	3.56 ng/ul	20714	1,4-Dichlorobenzene-d4	8.10

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	40
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	1,4-Butanediamine	88	C4H12N2	000110-60-1	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121515\
Data File : BG020178.D
Acq On : 15 Dec 2015 7:28
Operator : UM/SJ
Sample : G4787-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BN4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

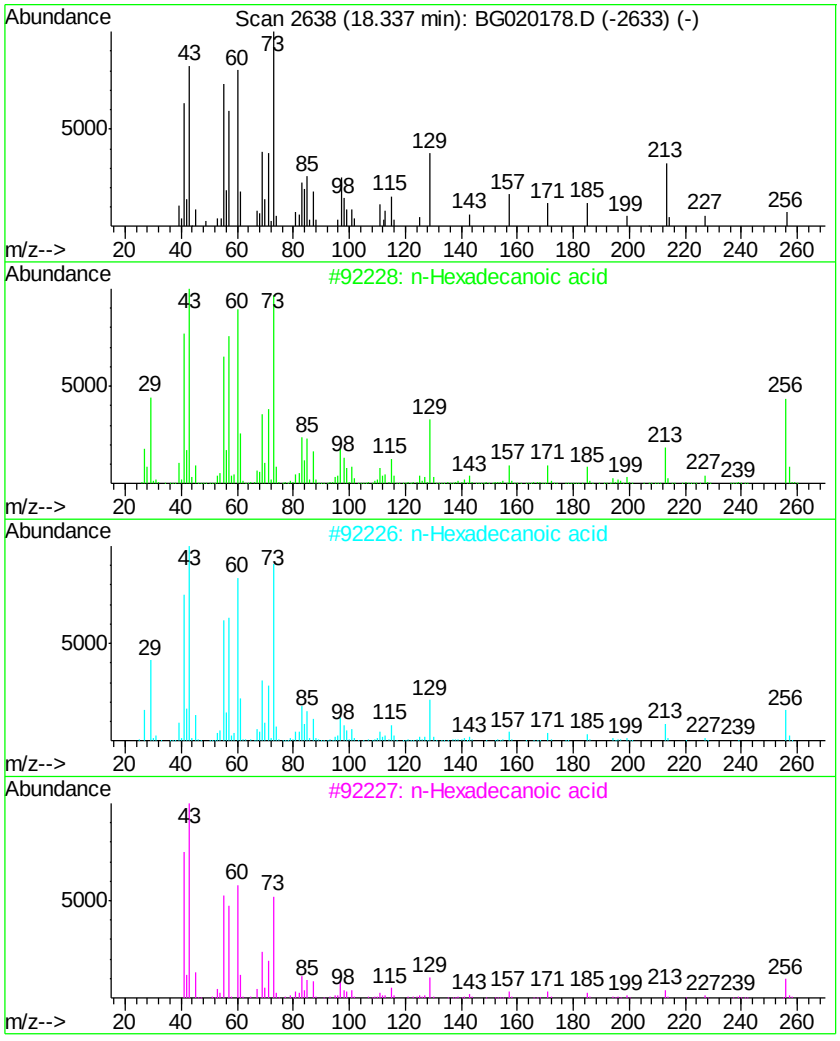
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

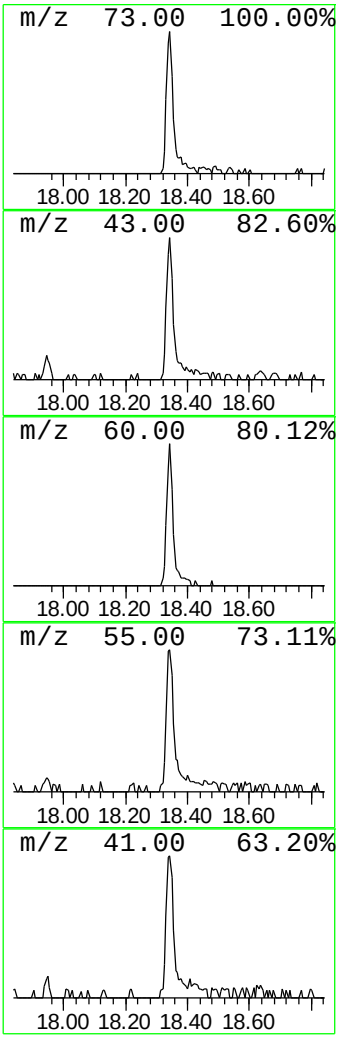
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	3.86 ng/ul	84071	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121515\
Data File : BG020178.D
Acq On : 15 Dec 2015 7:28
Operator : UM/SJ
Sample : G4787-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BN4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

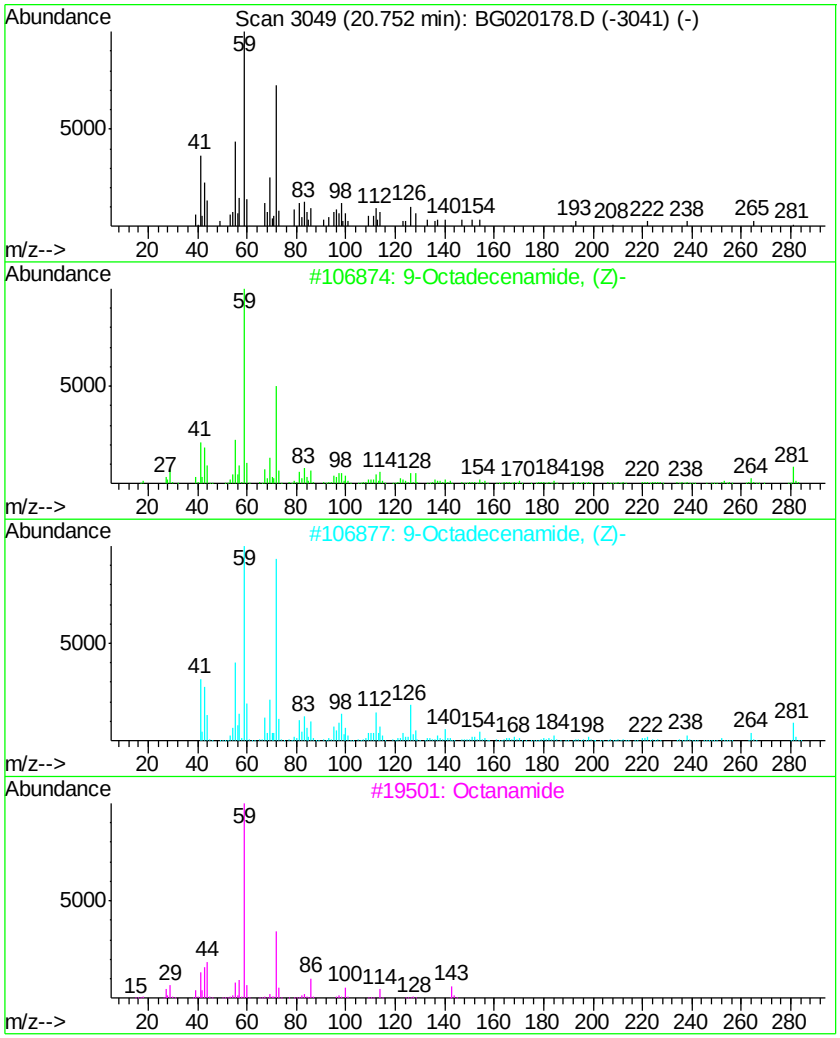
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

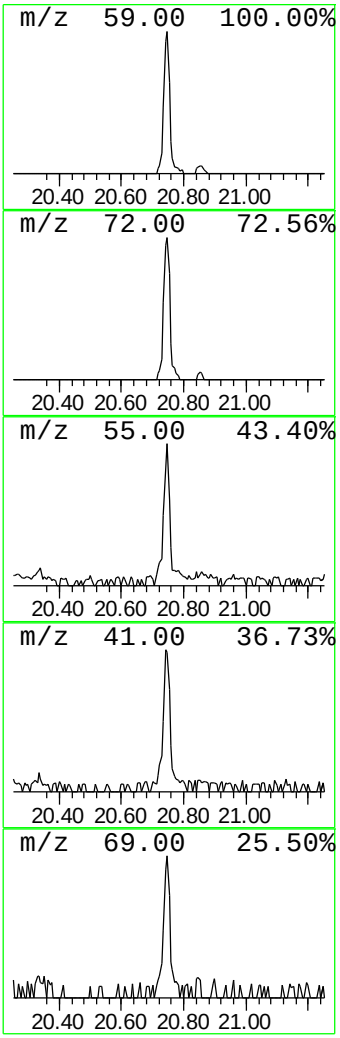
****

Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	2.77 ng/ul	71429	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	94
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	59
3	Octanamide	143	C8H17NO	000629-01-6	59
4	Tetradecanamide	227	C14H29NO	000638-58-4	56
5	Dodecanamide	199	C12H25NO	001120-16-7	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121515\
Data File : BG020178.D
Acq On : 15 Dec 2015 7:28
Operator : UM/SJ
Sample : G4787-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BN4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

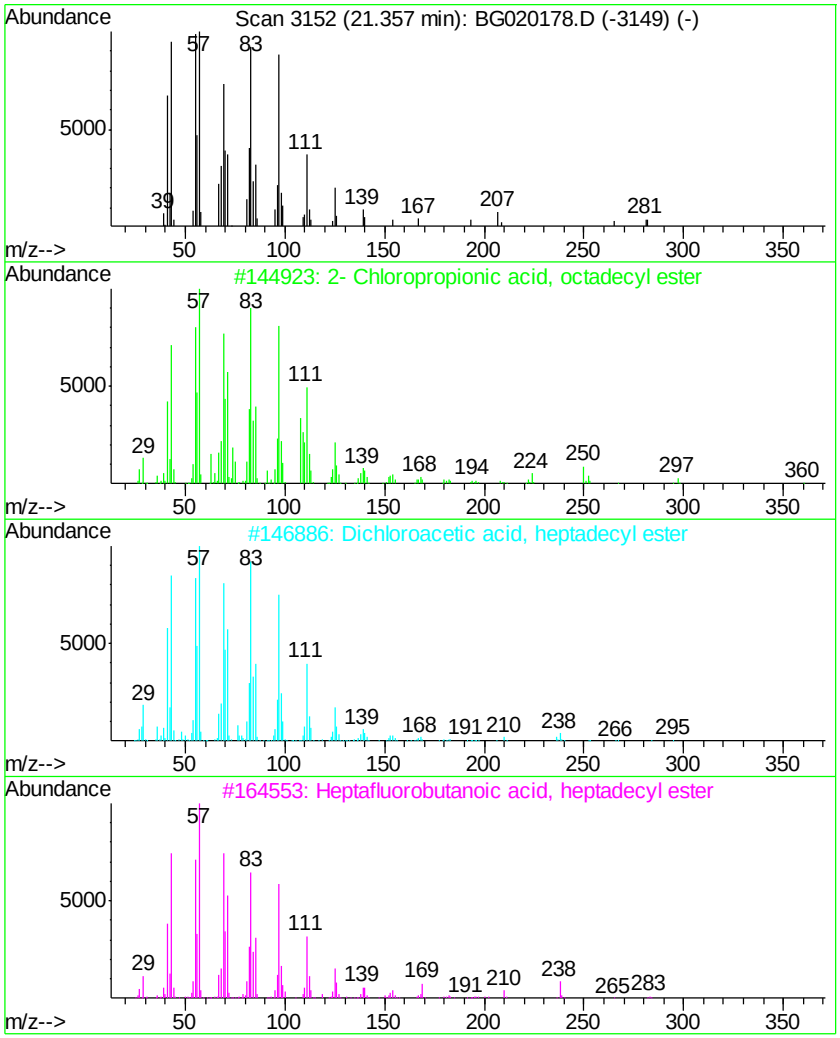
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

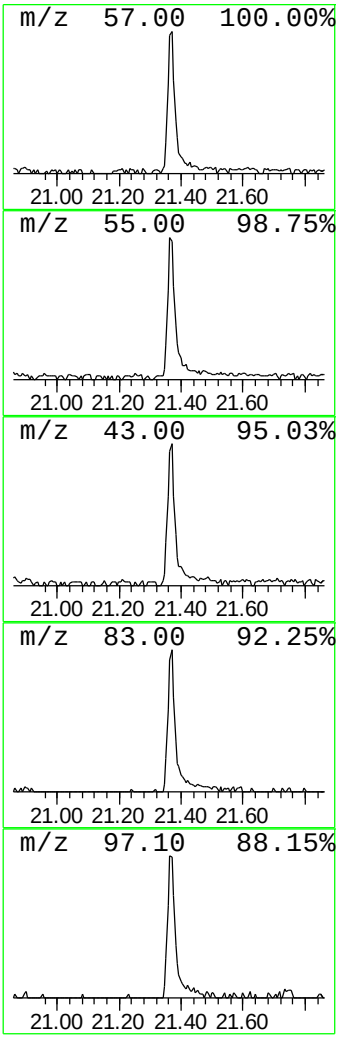
****

Peak Number 5 2- Chloropropionic acid, oc... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	5.51 ng/ul	141887	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	93
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	90
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
5	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121515\
Data File : BG020178.D
Acq On : 15 Dec 2015 7:28
Operator : UM/SJ
Sample : G4787-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : G9BN4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.20	3.6	ng/ul	20714	1	8.10	116299	20.0
n-Hexadecanoic acid	18.34	3.9	ng/ul	84071	4	17.47	436024	20.0
9-Octadecenamide,...	20.75	2.8	ng/ul	71429	5	21.75	515392	20.0
2- Chloropropioni...	21.36	5.5	ng/ul	141887	5	21.75	515392	20.0