LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062515\
Data File : BM001794.D
Acq On : 25 Jun 2015 12:23
Operator : TP/IZ
Sample : G2762-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L0

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_M\METHODS\SOM02.2-EPA-BM061515.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	2.734	4	8	15	rVB	6045	7681	0.30%	0.052%
2	2.805	17	20	29	rVV2	25835	39065	1.54%	0.263%
3	2.881	29	33	45	rVB	342291	391354	15.46%	2.631%
4	3.140	74	77	82	rVB	9970	10241	0.40%	0.069%
5	3.405	118	122	127	rBV	12705	15126	0.60%	0.102%
6	3.693	167	171	174	rBV3	3288	3894	0.15%	0.026%
7	4.463	298	302	305	rBV	2174	2748	0.11%	0.018%
8	4.769	350	354	361	rBB	16222	23204	0.92%	0.156%
9	5.246	432	435	438	rBB	2616	2633	0.10%	0.018%
10	6.169	589	592	601	rBB	19265	28431	1.12%	0.191%
11	6.828	698	704	713	rBB	180343	277352	10.96%	1.865%
12	6.998	728	733	739	rBB	122224	181009	7.15%	1.217%
13	7.192	760	766	773	rBB	178476	274359	10.84%	1.845%
14	7.257	774	777	781	rBB	2905	3504	0.14%	0.024%
15	7.663	840	846	852	rBB	159054	251267	9.93%	1.689%
16	8.098	917	920	924	rBB2	2515	2822	0.11%	0.019%
17	8.363	959	965	972	rBB	226737	345671	13.66%	2.324%
18	8.428	972	976	981	rBB	12888	18812	0.74%	0.126%
19	8.822	1036	1043	1050	rBB	154044	249564	9.86%	1.678%
20	9.539	1159	1165	1171	rBV	143212	222190	8.78%	1.494%
21	9.628	1176	1180	1183	rBV3	11774	18387	0.73%	0.124%
22	9.663	1183	1186	1190	rVB2	10208	13702	0.54%	0.092%
23	9.886	1219	1224	1229	rBV3	3496	8177	0.32%	0.055%
24	9.933	1229	1232	1236	rVB2	7795	10217	0.40%	0.069%
25	10.069	1249	1255	1262	rBB	233704	371592	14.68%	2.498%
26	10.222	1277	1281	1286	rBB2	5789	8253	0.33%	0.055%
27	10.322	1294	1298	1303	rBB	4709	6152	0.24%	0.041%
28	10.451	1313	1320	1327	rBB	212257	345562	13.65%	2.323%
29	10.592	1337	1344	1351	rBB	208328	342470	13.53%	2.303%
30	10.986	1407	1411	1416	rBV	2920	4474	0.18%	0.030%
31	11.104	1427	1431	1434	rBV2	2658	3887	0.15%	0.026%
32	11.280	1458	1461	1465	rBB	2660	3265	0.13%	0.022%
33	11.569	1506	1510	1514	rBB	1828	2749	0.11%	0.018%
34	12.657	1691	1695	1699	rBB2	8071	11269	0.45%	0.076%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062515\
Data File : BM001794.D
Acq On : 25 Jun 2015 12:23
Operator : TP/IZ
Sample : G2762-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L0

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_M\METHODS\SOM02.2-EPA-BM061515.M
Title : SVOA CALIBRATION

35	12.910	1733	1738	1745	rBB	14002	20281	0.80%	0.136%
36	13.727	1871	1877	1881	rBV	361160	482379	19.06%	3.243%
37	13.774	1881	1885	1891	rVB	158528	206346	8.15%	1.387%
38	14.010	1918	1925	1932	rVB	412167	598110	23.63%	4.021%
39	14.121	1939	1944	1948	rBV2	4937	6412	0.25%	0.043%
40	14.316	1970	1977	1985	rVB2	317313	473184	18.69%	3.181%
41	14.516	2005	2011	2019	rVB	188549	260901	10.31%	1.754%
42	15.168	2119	2122	2126	rVB	4728	4848	0.19%	0.033%
43	15.310	2140	2146	2153	rVB	540268	738013	29.16%	4.962%
44	15.433	2162	2167	2172	rBV	140204	185131	7.31%	1.245%
45	16.039	2257	2270	2285	rBV	1090123	2531237	100.00%	17.018%
46	16.415	2329	2334	2339	rBV	38330	48820	1.93%	0.328%
47	16.821	2400	2403	2406	rBV	6706	7315	0.29%	0.049%
48	16.904	2414	2417	2421	rVB	2747	3284	0.13%	0.022%
49	17.062	2438	2444	2450	rBV	440354	590418	23.33%	3.970%
50	17.162	2454	2461	2469	rBV	592467	832156	32.88%	5.595%
51	17.445	2506	2509	2516	rBV4	12691	18619	0.74%	0.125%
52	17.557	2524	2528	2532	rBV	6057	7408	0.29%	0.050%
53	17.956	2591	2596	2603	rBV	91856	115945	4.58%	0.780%
54	18.033	2606	2609	2612	rVB	3374	4321	0.17%	0.029%
55	18.251	2643	2646	2648	rBV2	3152	3102	0.12%	0.021%
56	18.292	2648	2653	2665	rVV	131362	180924	7.15%	1.216%
57	18.386	2665	2669	2672	rVB	5854	5456	0.22%	0.037%
58	19.121	2791	2794	2799	rBV3	2184	2901	0.11%	0.020%
59	19.239	2810	2814	2822	rBV2	24364	30506	1.21%	0.205%
60	19.345	2829	2832	2838	rBV2	5051	6113	0.24%	0.041%
61	19.462	2846	2852	2861	rVB	763338	989824	39.10%	6.655%
62	19.692	2888	2891	2895	rVB	3022	3785	0.15%	0.025%
63	19.974	2936	2939	2944	rBV4	3131	5412	0.21%	0.036%
64	20.150	2963	2969	2971	rBV6	3066	4587	0.18%	0.031%
65	20.233	2978	2983	2987	rBV	7127	9927	0.39%	0.067%
66	20.392	3008	3010	3014	rBV3	2799	3432	0.14%	0.023%
67	20.492	3024	3027	3032	rVB3	2408	3709	0.15%	0.025%
68	20.962	3103	3107	3116	rBV	176605	222450	8.79%	1.496%
69	21.050	3120	3122	3125	rVB2	4998	4704	0.19%	0.032%
70	21.168	3138	3142	3146	rVV	17083	19932	0.79%	0.134%
71	21.250	3151	3156	3162	rBV	623266	771365	30.47%	5.186%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062515\
Data File : BM001794.D
Acq On : 25 Jun 2015 12:23
Operator : TP/IZ
Sample : G2762-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L0

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_M\METHODS\SOM02.2-EPA-BM061515.M
Title : SVOA CALIBRATION

72	21.368	3172	3176	3178	rVV4	5711	6477	0.26%	0.044%
73	21.415	3180	3184	3194	rVB8	8607	17327	0.68%	0.116%
74	21.703	3231	3233	3238	rBV6	3653	5389	0.21%	0.036%
75	21.856	3251	3259	3266	rBV7	19333	59402	2.35%	0.399%
76	22.339	3339	3341	3345	rBV5	3729	5766	0.23%	0.039%
77	22.839	3423	3426	3431	rVB6	7783	12986	0.51%	0.087%
78	23.333	3503	3510	3520	rBV2	602482	1045370	41.30%	7.028%
79	23.474	3527	3534	3542	rBV	417516	740102	29.24%	4.976%
80	24.080	3630	3637	3645	rBV4	29647	73102	2.89%	0.491%
81	24.791	3756	3758	3760	rBV2	3968	3259	0.13%	0.022%

Sum of corrected areas: 14873520

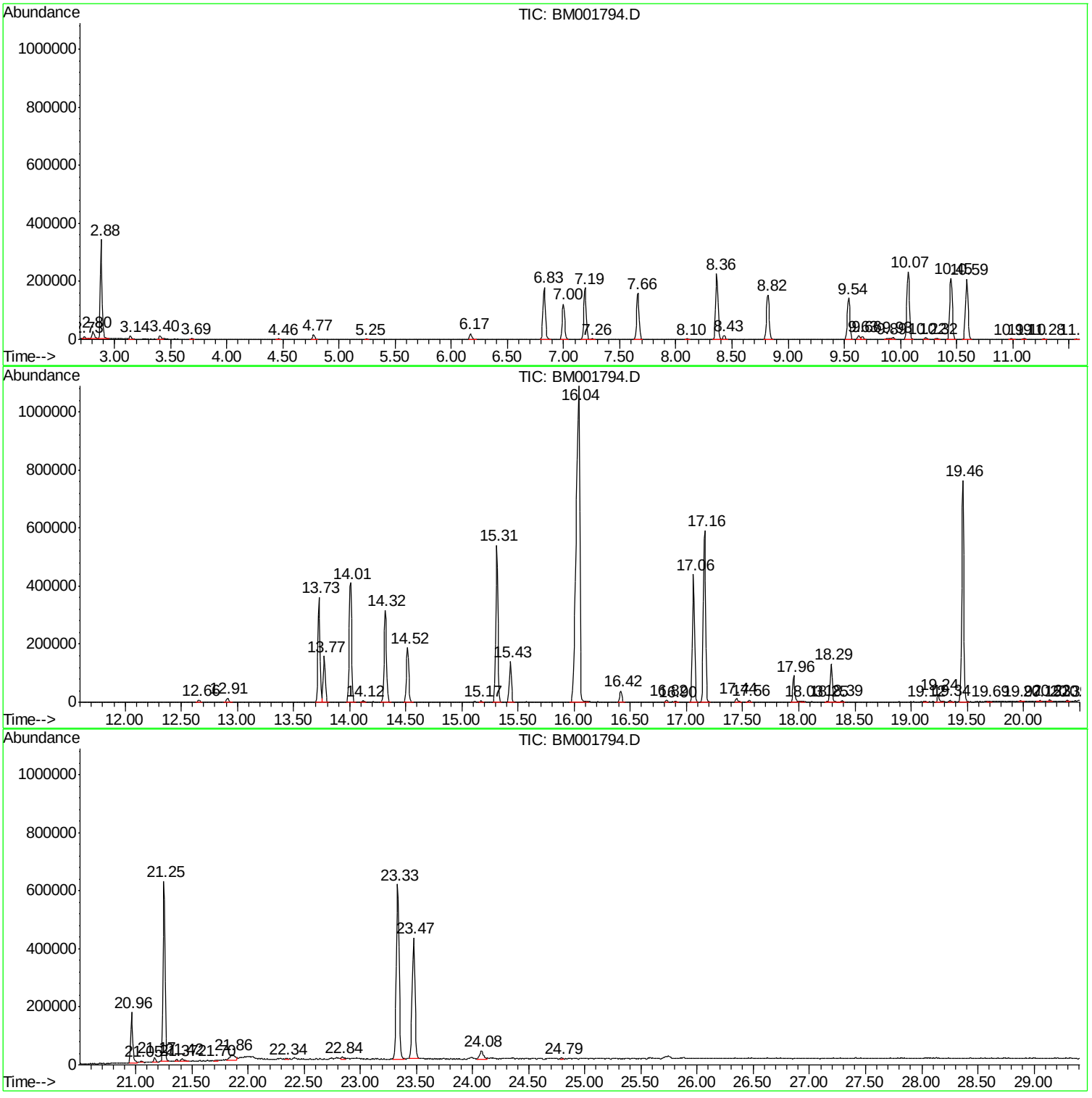
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062515\
Data File : BM001794.D
Acq On : 25 Jun 2015 12:23
Operator : TP/IZ
Sample : G2762-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062515\
Data File : BM001794.D
Acq On : 25 Jun 2015 12:23
Operator : TP/IZ
Sample : G2762-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

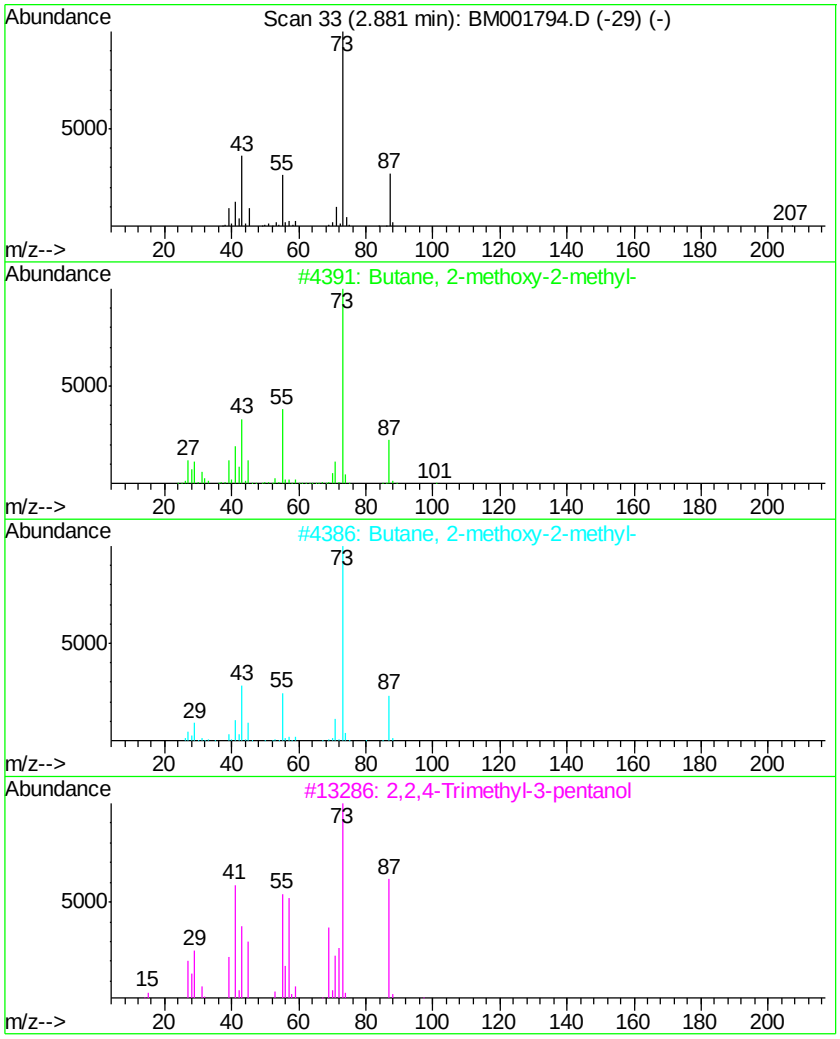
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

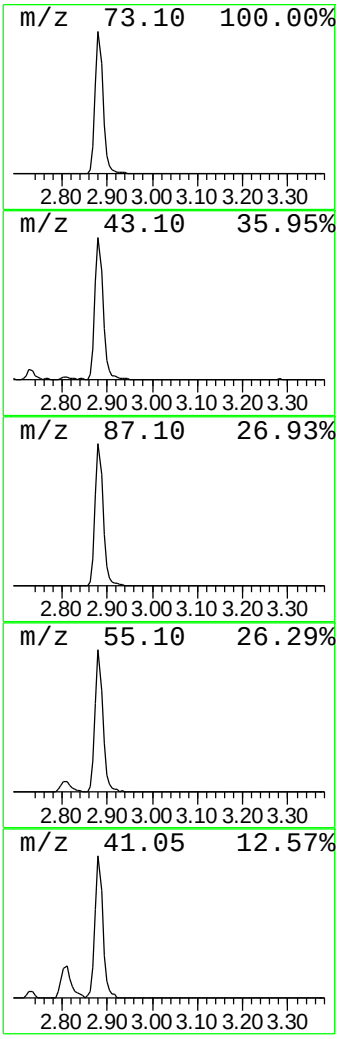
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	31.15 ng/ul	391354	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062515\
Data File : BM001794.D
Acq On : 25 Jun 2015 12:23
Operator : TP/IZ
Sample : G2762-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

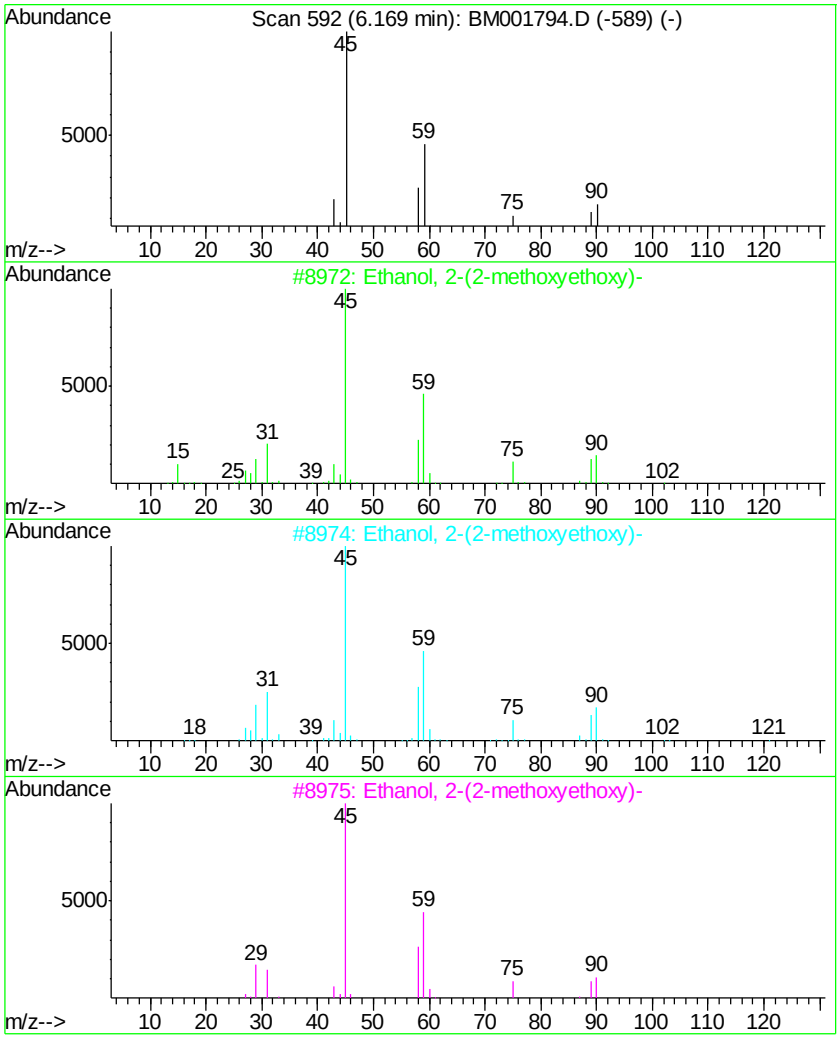
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

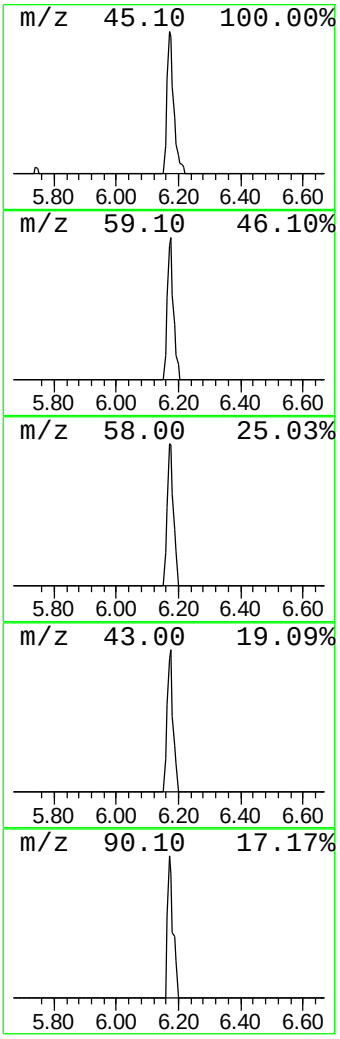
****

Peak Number 3 Ethanol, 2-(2-methoxyethoxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	2.26 ng/ul	28431	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	83
2	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	83
3	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	83
4	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	74
5	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	9





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062515\
Data File : BM001794.D
Acq On : 25 Jun 2015 12:23
Operator : TP/IZ
Sample : G2762-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

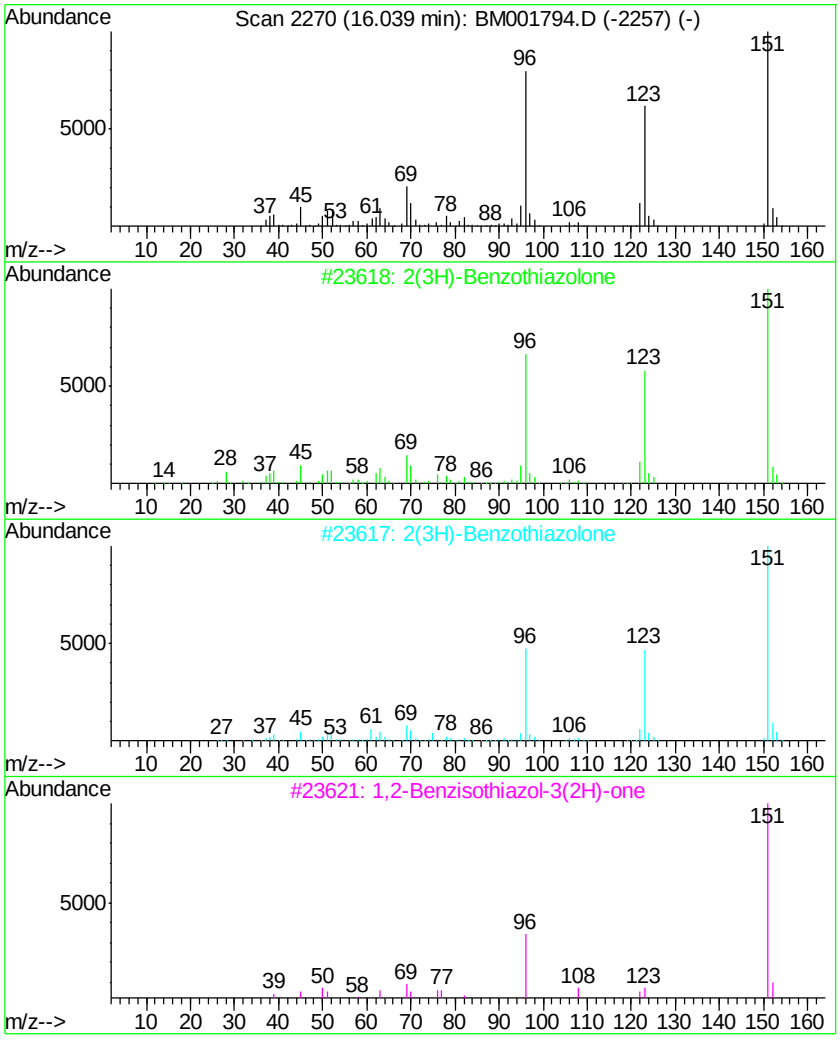
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

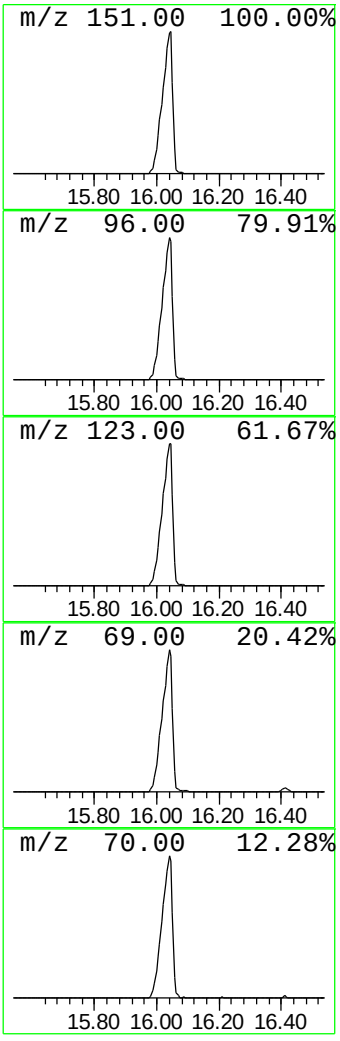
****

Peak Number 4 2(3H)-Benzothiazolone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	85.74 ng/ul	2531240	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	97
2	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	94
3	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	59
4	Thieno[2,3-b]pyridine-N-oxide	151	C7H5NOS	025557-50-0	43
5	4-Methoxyformanilide	151	C8H9NO2	023896-88-0	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062515\
Data File : BM001794.D
Acq On : 25 Jun 2015 12:23
Operator : TP/IZ
Sample : G2762-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

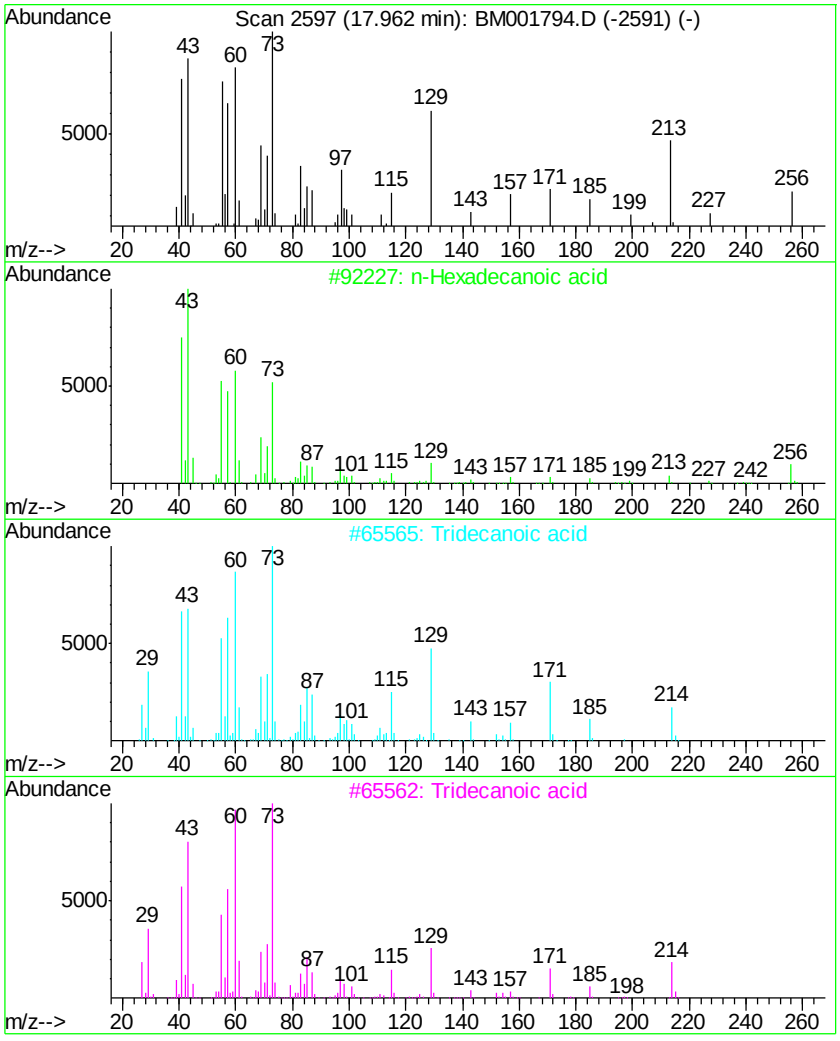
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

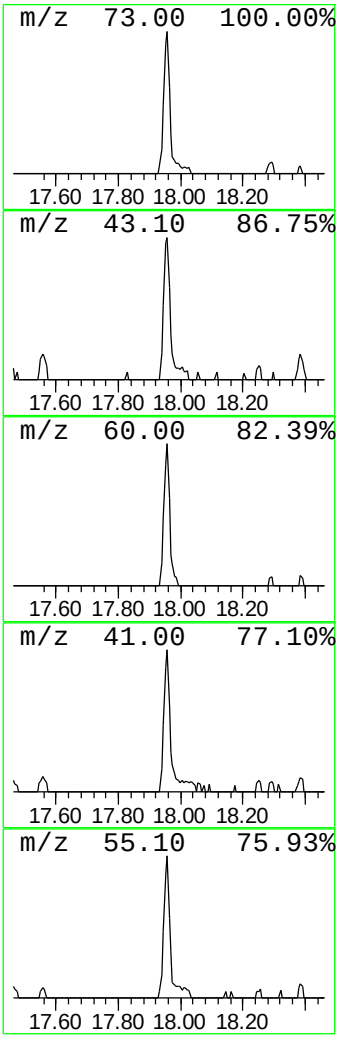
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	3.93 ng/ul	115945	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062515\
Data File : BM001794.D
Acq On : 25 Jun 2015 12:23
Operator : TP/IZ
Sample : G2762-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

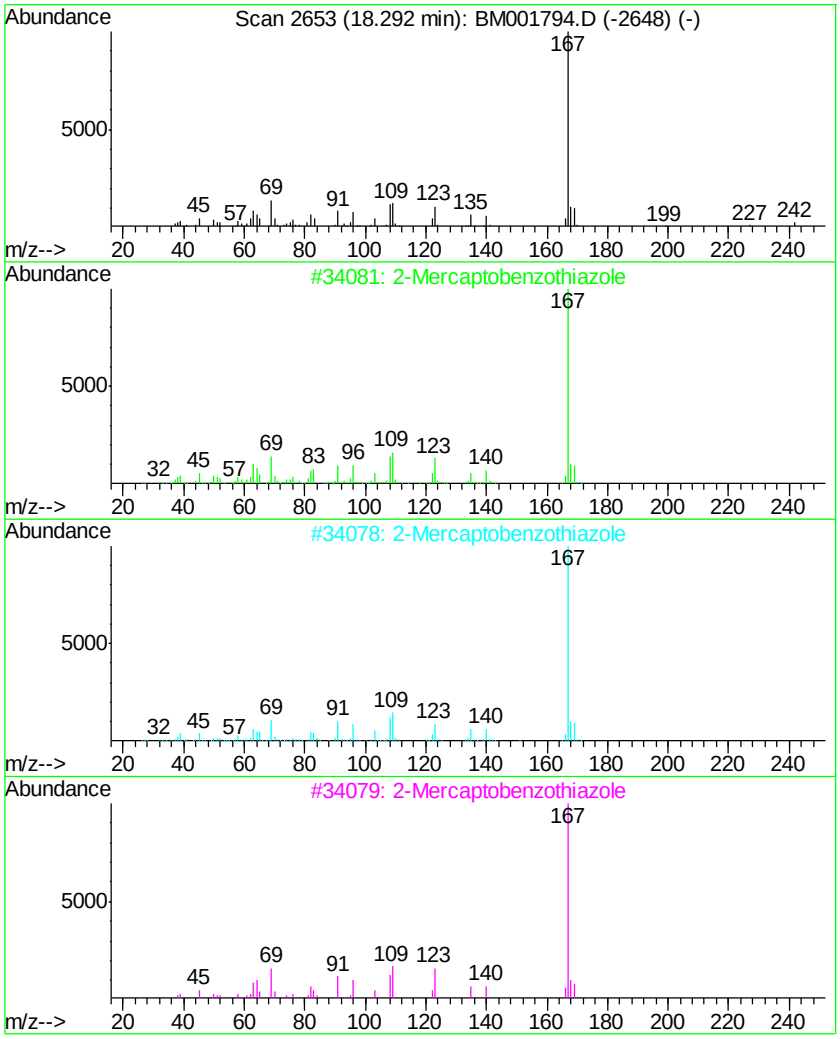
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

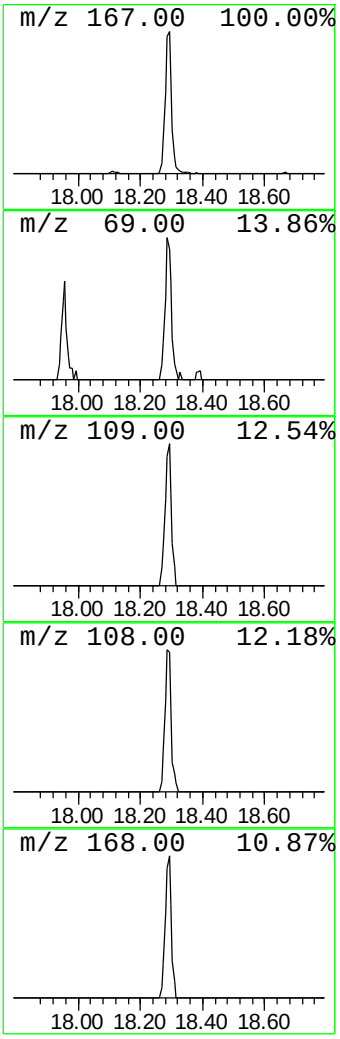
****

Peak Number 6 2-Mercaptobenzothiazole Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	6.13 ng/ul	180924	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	96
2	2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	96
3	2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	95
4	2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	94
5	Benzothiazole, 2-(2-hydroxyethyl...	211	C9H9NOS2	004665-63-8	83





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062515\
Data File : BM001794.D
Acq On : 25 Jun 2015 12:23
Operator : TP/IZ
Sample : G2762-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION

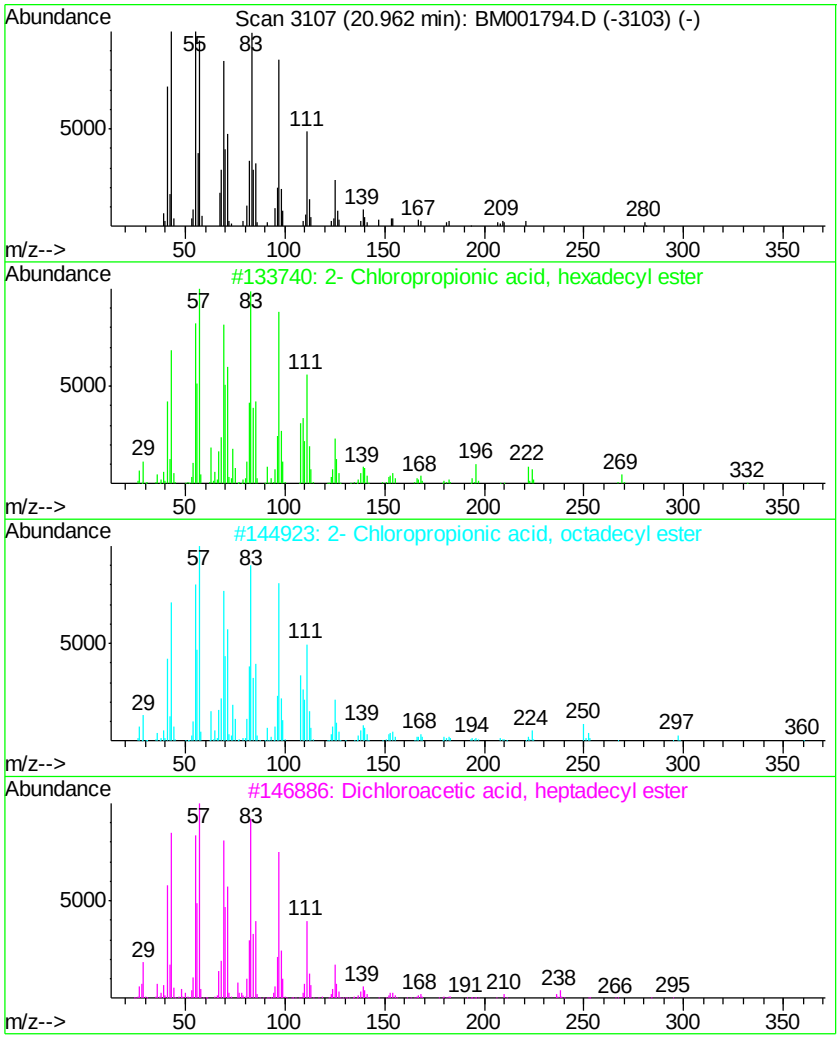
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

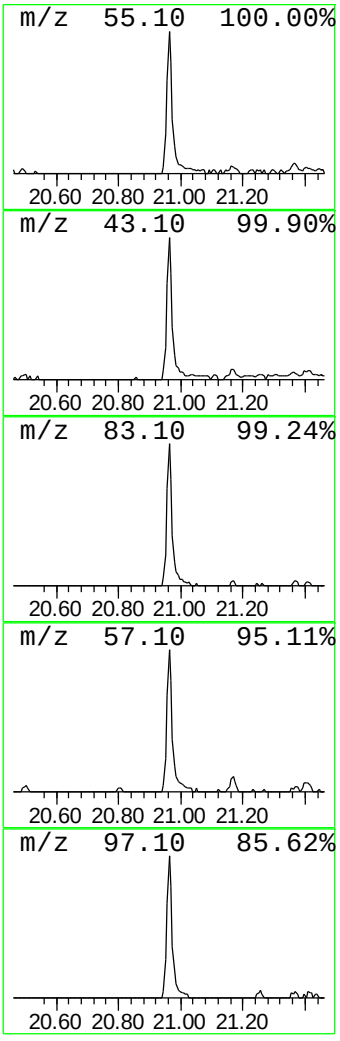
****

Peak Number 7 2- Chloropropionic acid, he... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	5.77 ng/ul	222450	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	94
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
4	1-Octadecanol	270	C18H38O	000112-92-5	90
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062515\
Data File : BM001794.D
Acq On : 25 Jun 2015 12:23
Operator : TP/IZ
Sample : G2762-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.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...	2.88	31.1	ng/ul	391354	1	7.66	251267	20.0
Ethanol, 2-(2-met...	6.17	2.3	ng/ul	28431	1	7.66	251267	20.0
2(3H)-Benzothiazo...	16.04	85.7	ng/ul	2531240	4	17.06	590418	20.0
n-Hexadecanoic acid	17.96	3.9	ng/ul	115945	4	17.06	590418	20.0
2-Mercaptobenzoth...	18.29	6.1	ng/ul	180924	4	17.06	590418	20.0
2- Chloropropioni...	20.96	5.8	ng/ul	222450	5	21.25	771365	20.0