LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017245.D
Acq On : 22 May 2015 14:21
Operator : TP/IZ
Sample : G2255-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF001MW003-150512

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG051315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.770	10	14	24	rBV3	30776	71002	13.85%	1.845%
2	2.858	24	29	41	rVB	104483	173014	33.74%	4.495%
3	3.158	77	80	85	rVB4	7188	10369	2.02%	0.269%
4	4.315	271	277	288	rVB	25215	42478	8.28%	1.104%
5	5.002	388	394	399	rVB5	4509	8080	1.58%	0.210%
6	5.284	435	442	445	rBV4	7984	13391	2.61%	0.348%
7	6.883	710	714	720	rVB5	6257	10347	2.02%	0.269%
8	7.223	766	772	779	rBV2	19608	30584	5.96%	0.795%
9	7.682	844	850	856	rBV	129102	201104	39.22%	5.225%
10	7.999	898	904	910	rBV2	17634	28385	5.54%	0.737%
11	8.839	1042	1047	1056	rVB	18588	29265	5.71%	0.760%
12	10.472	1318	1325	1331	rBV	171065	282647	55.12%	7.344%
13	12.682	1694	1701	1707	rBV3	14468	27122	5.29%	0.705%
14	12.946	1737	1746	1754	rBV2	67273	121213	23.64%	3.149%
15	13.792	1885	1890	1898	rBV	31569	42538	8.29%	1.105%
16	13.868	1898	1903	1907	rBV2	6317	9068	1.77%	0.236%
17	14.333	1976	1982	1990	rBV2	239244	369551	72.06%	9.602%
18	14.991	2088	2094	2097	rBV4	4093	5185	1.01%	0.135%
19	15.079	2104	2109	2112	rBV2	9538	13408	2.61%	0.348%
20	15.226	2131	2134	2139	rBV3	6086	8874	1.73%	0.231%
21	15.502	2175	2181	2183	rBV5	3342	5762	1.12%	0.150%
22	15.543	2185	2188	2192	rVV5	5658	7823	1.53%	0.203%
23	15.825	2232	2236	2244	rBV4	68305	128756	25.11%	3.345%
24	16.048	2271	2274	2280	rBV4	5805	8926	1.74%	0.232%
25	16.225	2300	2304	2308	rBV4	6633	9497	1.85%	0.247%
26	16.360	2321	2327	2331	rBV2	18755	27527	5.37%	0.715%
27	16.841	2405	2409	2412	rBV4	7659	9857	1.92%	0.256%
28	17.082	2444	2450	2458	rVB	299312	428576	83.57%	11.135%
29	17.323	2486	2491	2495	rBV6	3182	5993	1.17%	0.156%
30	17.582	2532	2535	2538	rVB4	5998	6603	1.29%	0.172%
31	17.752	2561	2564	2567	rBV5	6771	8202	1.60%	0.213%
32	17.787	2567	2570	2574	rVB3	7177	9644	1.88%	0.251%
33	17.981	2599	2603	2611	rBV2	69237	99795	19.46%	2.593%
34	18.052	2612	2615	2619	rVB2	9481	11966	2.33%	0.311%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017245.D
Acq On : 22 May 2015 14:21
Operator : TP/IZ
Sample : G2255-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF001MW003-150512

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BG051315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.281	2650	2654	2657	rVB3	5625	7674	1.50%	0.199%
36	19.198	2807	2810	2815	rBV6	6146	7497	1.46%	0.195%
37	19.268	2818	2822	2829	rBV2	40330	63301	12.34%	1.645%
38	19.415	2843	2847	2851	rVB4	15567	18863	3.68%	0.490%
39	19.527	2864	2866	2870	rVB5	4589	5358	1.04%	0.139%
40	19.709	2893	2897	2903	rVB	205383	260026	50.71%	6.756%
41	20.020	2948	2950	2954	rVB5	6441	8015	1.56%	0.208%
42	20.461	3022	3025	3028	rVB3	19120	19664	3.83%	0.511%
43	20.631	3050	3054	3056	rBV5	5210	5806	1.13%	0.151%
44	20.825	3083	3087	3091	rVB6	3925	6699	1.31%	0.174%
45	20.978	3109	3113	3120	rBV2	43895	67999	13.26%	1.767%
46	21.060	3125	3127	3131	rVV5	7729	11738	2.29%	0.305%
47	21.089	3131	3132	3136	rVB4	5951	5668	1.11%	0.147%
48	21.166	3141	3145	3146	rBV4	12307	16141	3.15%	0.419%
49	21.266	3157	3162	3169	rBV	427861	512821	100.00%	13.324%
50	21.424	3183	3189	3191	rBV6	9294	16936	3.30%	0.440%
51	22.441	3357	3362	3366	rBV6	15644	27995	5.46%	0.727%
52	23.263	3501	3502	3505	rBV3	6698	6730	1.31%	0.175%
53	23.516	3538	3545	3556	rVB2	261561	507011	98.87%	13.173%
54	25.637	3904	3906	3911	rBV6	4595	6336	1.24%	0.165%

Sum of corrected areas: 3848830

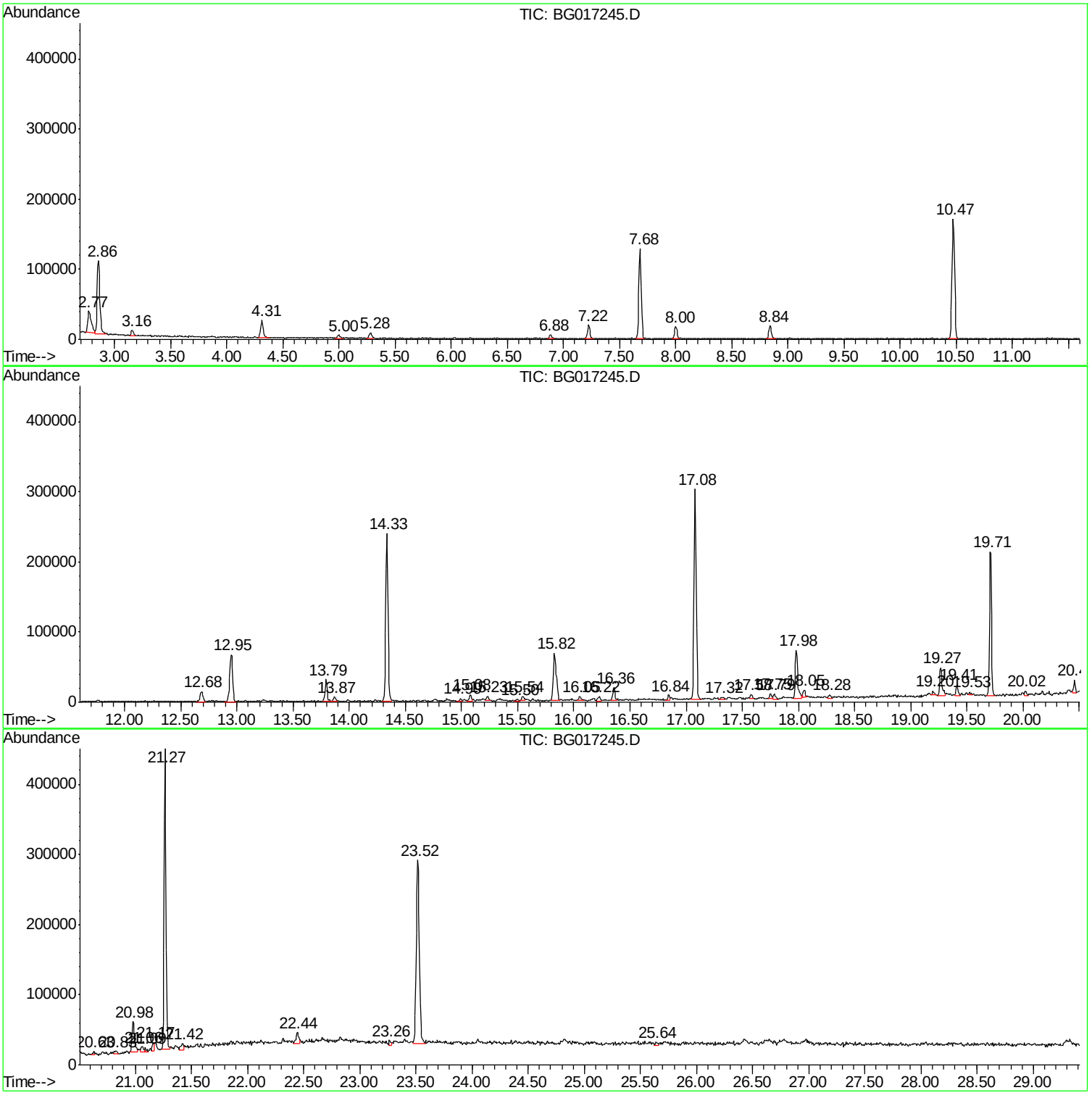
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017245.D
Acq On : 22 May 2015 14:21
Operator : TP/IZ
Sample : G2255-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF001MW003-150512

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017245.D
Acq On : 22 May 2015 14:21
Operator : TP/IZ
Sample : G2255-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF001MW003-150512

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

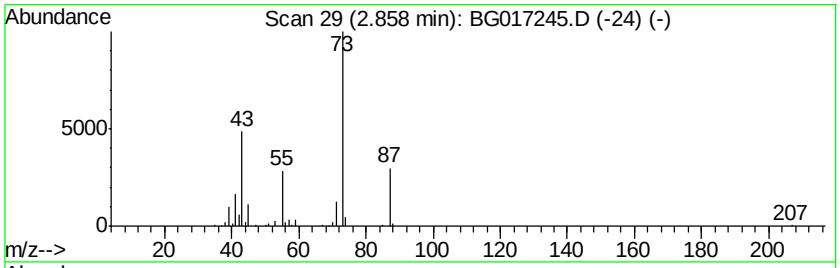
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

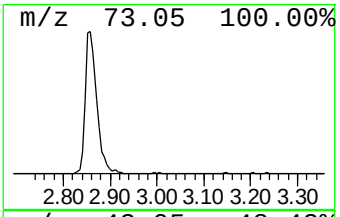
****

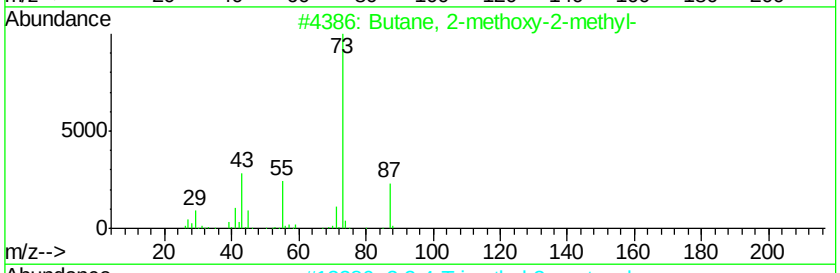
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

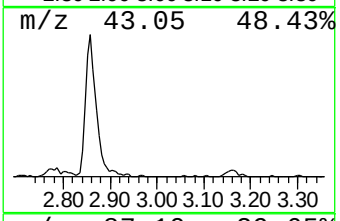
R.T.	EstConc	Area	Relative to ISTD	R.T.
2.86	17.21 ng	173014	1,4-Dichlorobenzene-d4	7.68

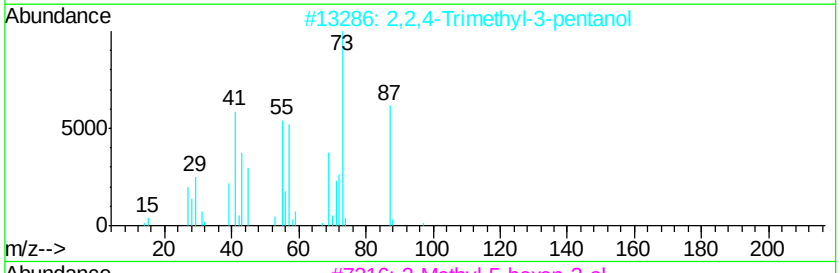
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	56
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	32
4	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	32
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9

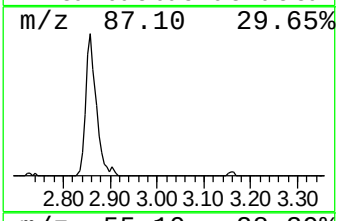


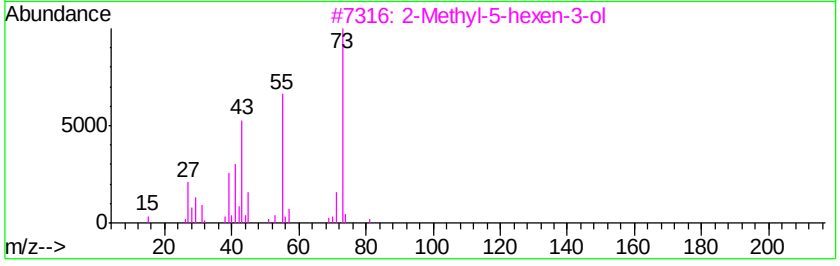


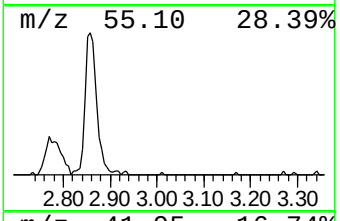


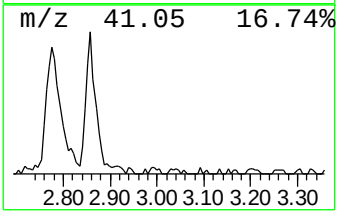












Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017245.D
Acq On : 22 May 2015 14:21
Operator : TP/IZ
Sample : G2255-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF001MW003-150512

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

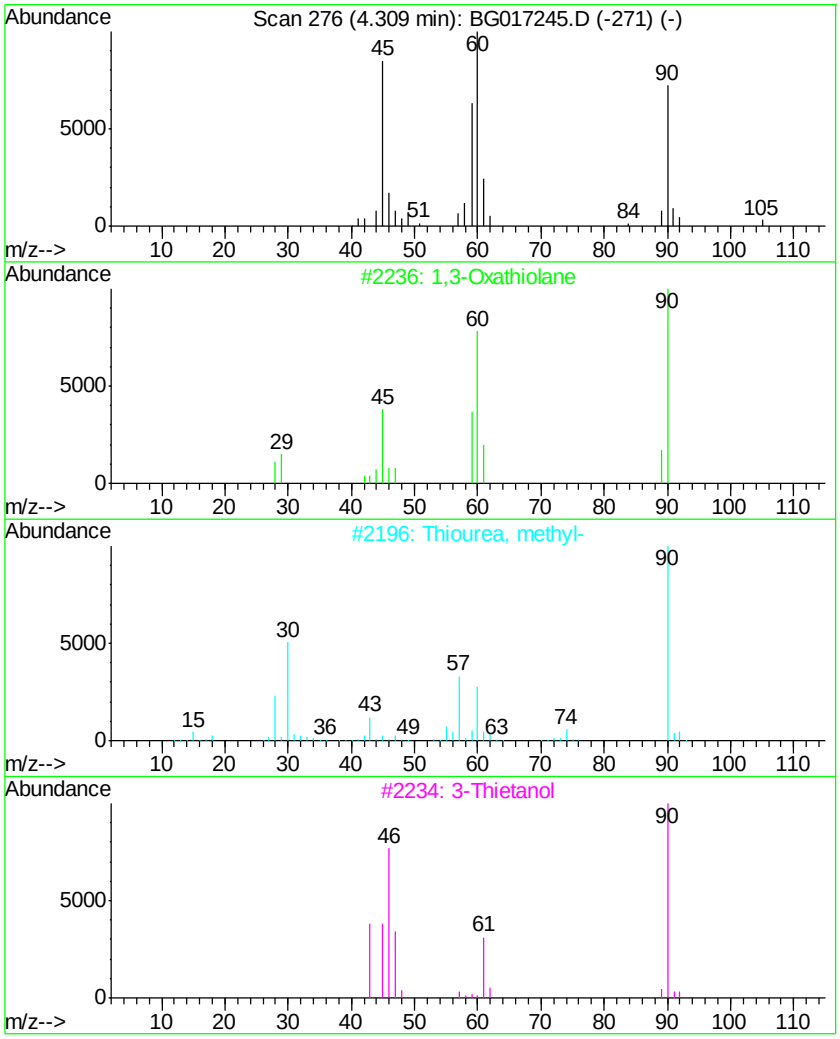
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

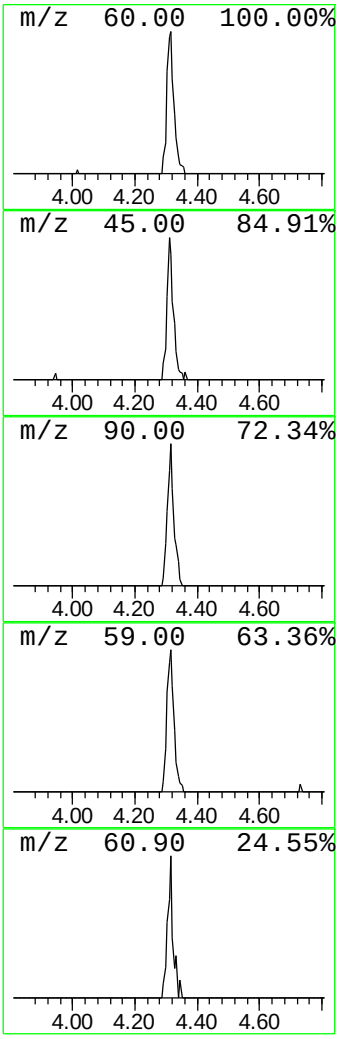
****

Peak Number 3 1,3-Oxathiolane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.31	4.22 ng	42478	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Oxathiolane	90	C3H6OS	002094-97-5	74
2	Thiourea, methyl-	90	C2H6N2S	000598-52-7	50
3	3-Thietanol	90	C3H6OS	010304-16-2	50
4	Hydrazinecarboxylic acid, methyl...	90	C2H6N2O2	006294-89-9	45
5	Amine, bis(2-phosphinoethyl)-	137	C4H13NP2	207689-12-1	42





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017245.D
Acq On : 22 May 2015 14:21
Operator : TP/IZ
Sample : G2255-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF001MW003-150512

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

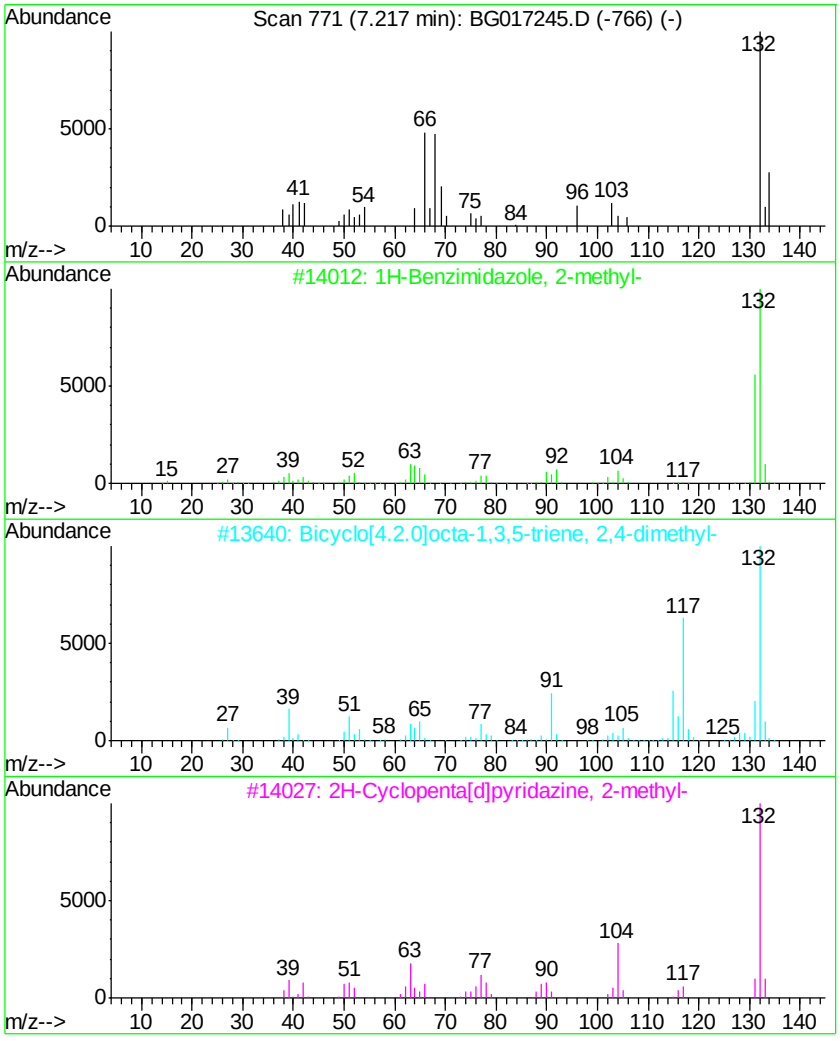
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

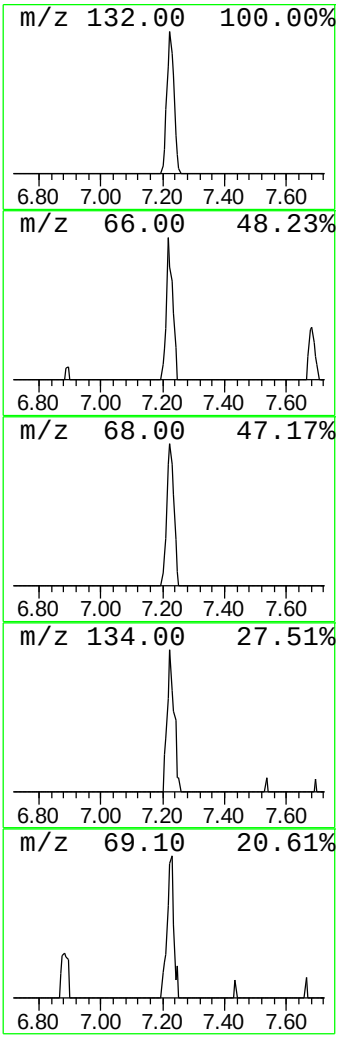
****

Peak Number 4 unknown7.22 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	3.04 ng	30584	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	22
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12
4	Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	12
5	1-Aminoindan	133	C9H11N	034698-41-4	12





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017245.D
Acq On : 22 May 2015 14:21
Operator : TP/IZ
Sample : G2255-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF001MW003-150512

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

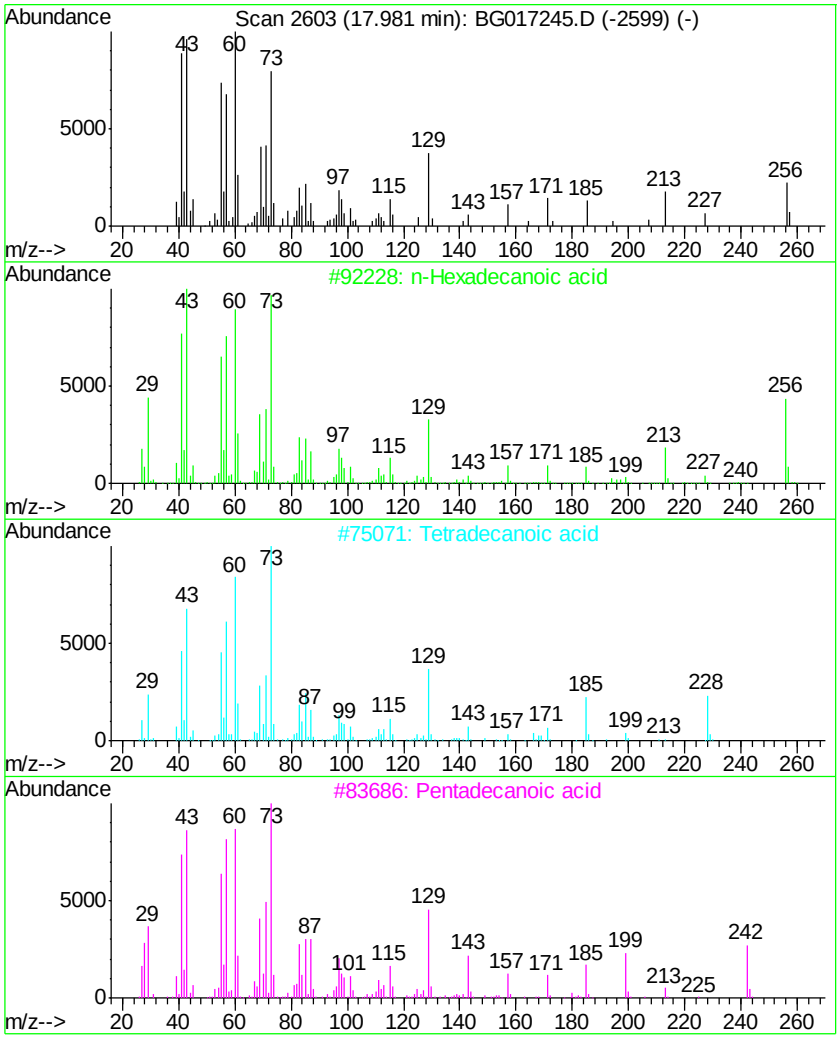
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

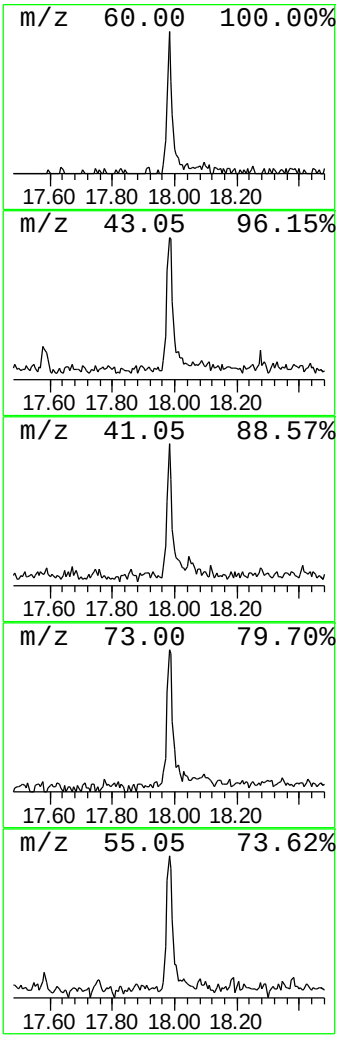
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	4.66 ng	99795	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	52
4	Dodecanoic acid	200	C12H24O2	000143-07-7	50
5	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017245.D
Acq On : 22 May 2015 14:21
Operator : TP/IZ
Sample : G2255-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LF001MW003-150512

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

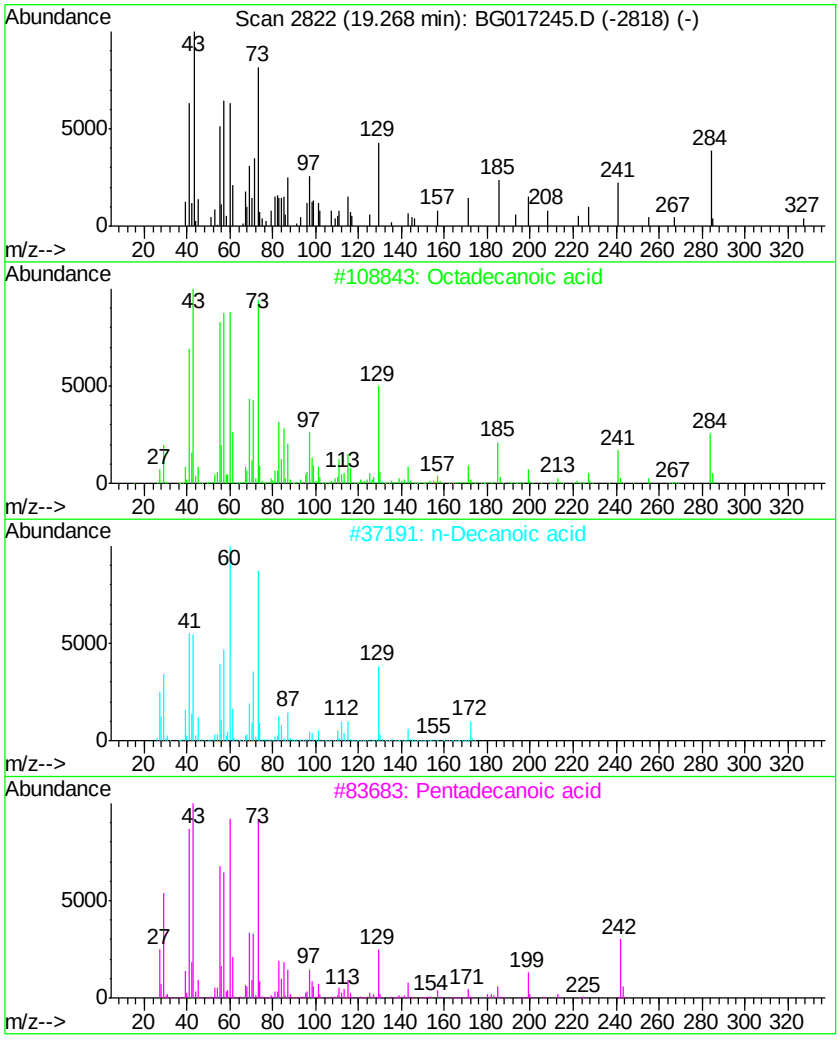
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

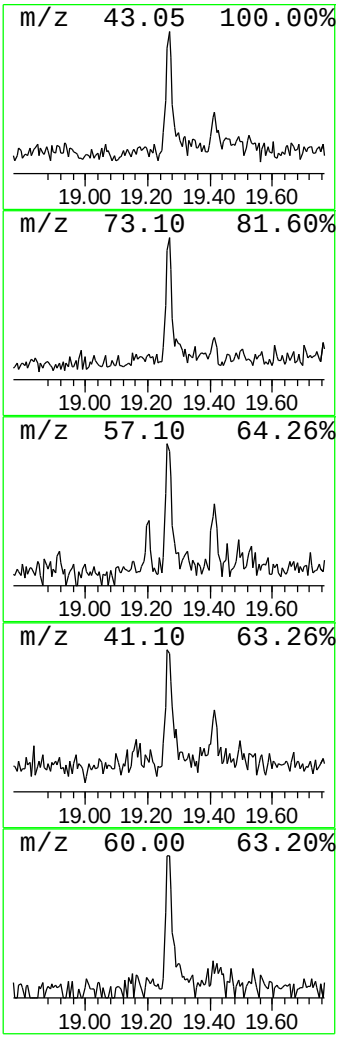
****

Peak Number 7 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	2.47 ng	63301	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	87
2	n-Decanoic acid	172	C10H20O2	000334-48-5	38
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	35
4	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	25
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	22





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017245.D
Acq On : 22 May 2015 14:21
Operator : TP/IZ
Sample : G2255-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF001MW003-150512

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

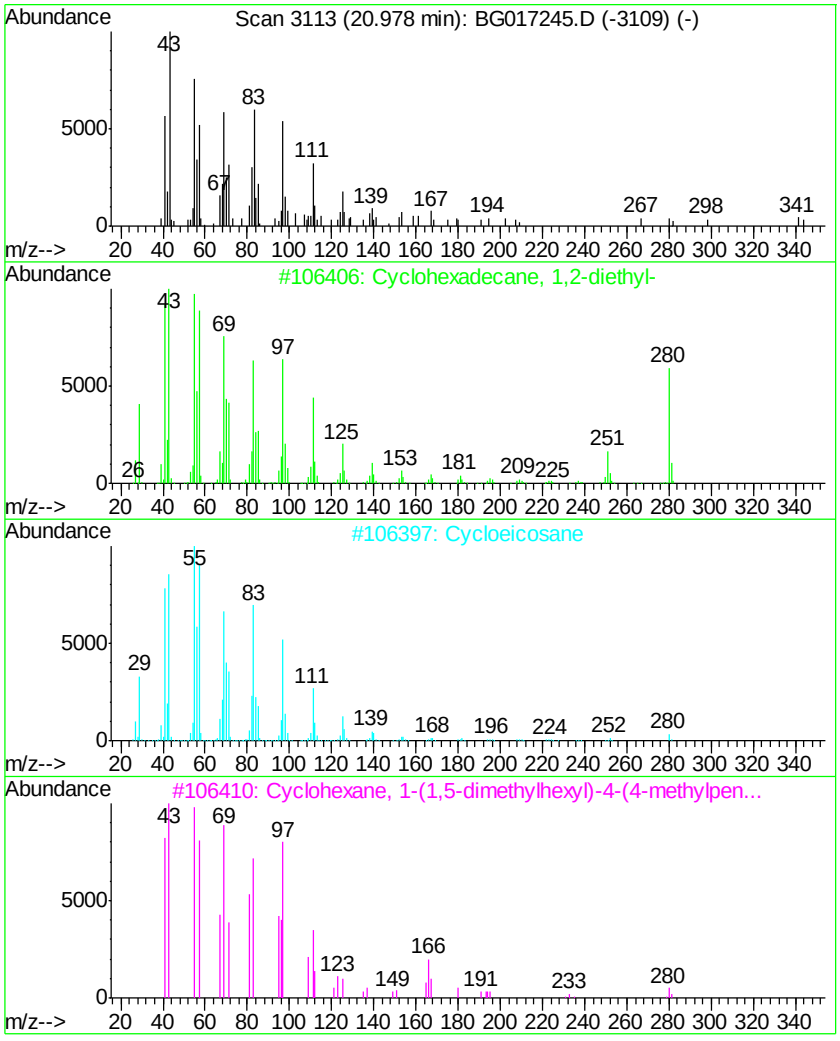
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

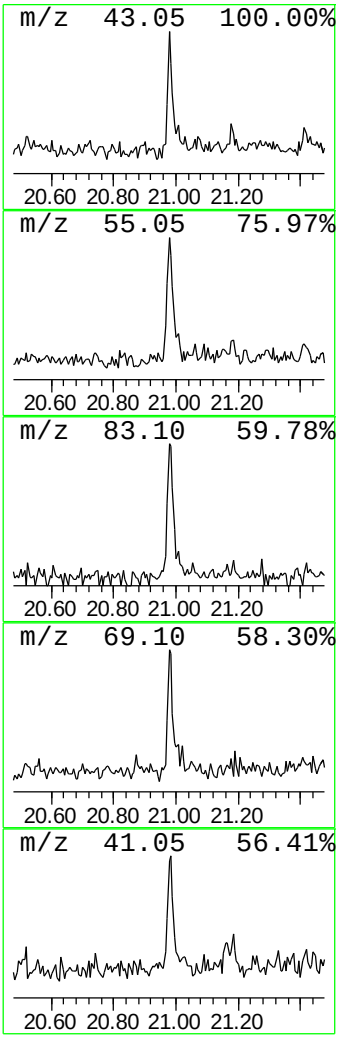
****

Peak Number 8 Cyclohexadecane, 1,2-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	2.65 ng	67999	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	95
2	Cycloeicosane	280	C20H40	000296-56-0	91
3	Cyclohexane, 1-(1,5-dimethylhexy...	280	C20H40	056009-20-2	89
4	1-Tetracosanol	354	C24H50O	000506-51-4	81
5	Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017245.D
Acq On : 22 May 2015 14:21
Operator : TP/IZ
Sample : G2255-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF001MW003-150512

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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...	2.86	17.2	ng	173014	1	7.68	201104	20.0
1,3-Oxathiolane	4.31	4.2	ng	42478	1	7.68	201104	20.0
unknown7.22	7.22	3.0	ng	30584	1	7.68	201104	20.0
n-Hexadecanoic acid	17.98	4.7	ng	99795	4	17.08	428576	20.0
Octadecanoic acid	19.27	2.5	ng	63301	5	21.27	512821	20.0
Cyclohexadecane, ...	20.98	2.6	ng	67999	5	21.27	512821	20.0