LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052815\
Data File : BG017351.D
Acq On : 29 May 2015 8:47
Operator : TP/IZ
Sample : G2408-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-22S

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	4.764	348	353	360	rVB	26828	37787	2.24%	0.408%
2	5.246	430	435	445	rBV	430624	614755	36.47%	6.635%
3	6.175	589	593	599	rBV	11398	18076	1.07%	0.195%
4	6.856	703	709	720	rBV	460212	696804	41.33%	7.521%
5	7.197	759	767	775	rBV	449503	681025	40.40%	7.350%
6	7.655	838	845	852	rVB	106544	166252	9.86%	1.794%
7	7.972	893	899	906	rBV	312344	481529	28.56%	5.197%
8	8.813	1035	1042	1053	rBV	260134	430183	25.52%	4.643%
9	10.446	1312	1320	1328	rBV	142947	231452	13.73%	2.498%
10	12.931	1736	1743	1749	rBV	616602	915669	54.32%	9.883%
11	13.772	1880	1886	1892	rBV	59023	80744	4.79%	0.871%
12	14.312	1972	1978	1985	rVB2	217429	321467	19.07%	3.470%
13	15.810	2226	2233	2245	rBV	584535	838521	49.74%	9.050%
14	17.062	2439	2446	2450	rBV2	312488	428989	25.45%	4.630%
15	17.097	2450	2452	2457	rVB	19349	25771	1.53%	0.278%
16	17.450	2507	2512	2517	rBV4	12205	18662	1.11%	0.201%
17	17.967	2596	2600	2611	rVB5	32128	49788	2.95%	0.537%
18	19.124	2786	2797	2801	rBV	41237	58922	3.50%	0.636%
19	19.488	2851	2859	2866	rBV	36986	61399	3.64%	0.663%
20	19.694	2887	2894	2900	rBV	1408207	1685785	100.00%	18.195%
21	20.957	3102	3109	3115	rBV	103211	146652	8.70%	1.583%
22	21.163	3141	3144	3149	rBV	27667	30960	1.84%	0.334%
23	21.251	3151	3159	3163	rBV	445648	590839	35.05%	6.377%
24	21.286	3163	3165	3169	rVB	20814	21087	1.25%	0.228%
25	22.420	3354	3358	3363	rVB	58180	78530	4.66%	0.848%
26	23.384	3518	3522	3527	rVB2	14010	22352	1.33%	0.241%
27	23.490	3532	3540	3549	rBV	291967	531301	31.52%	5.734%

Sum of corrected areas: 9265301

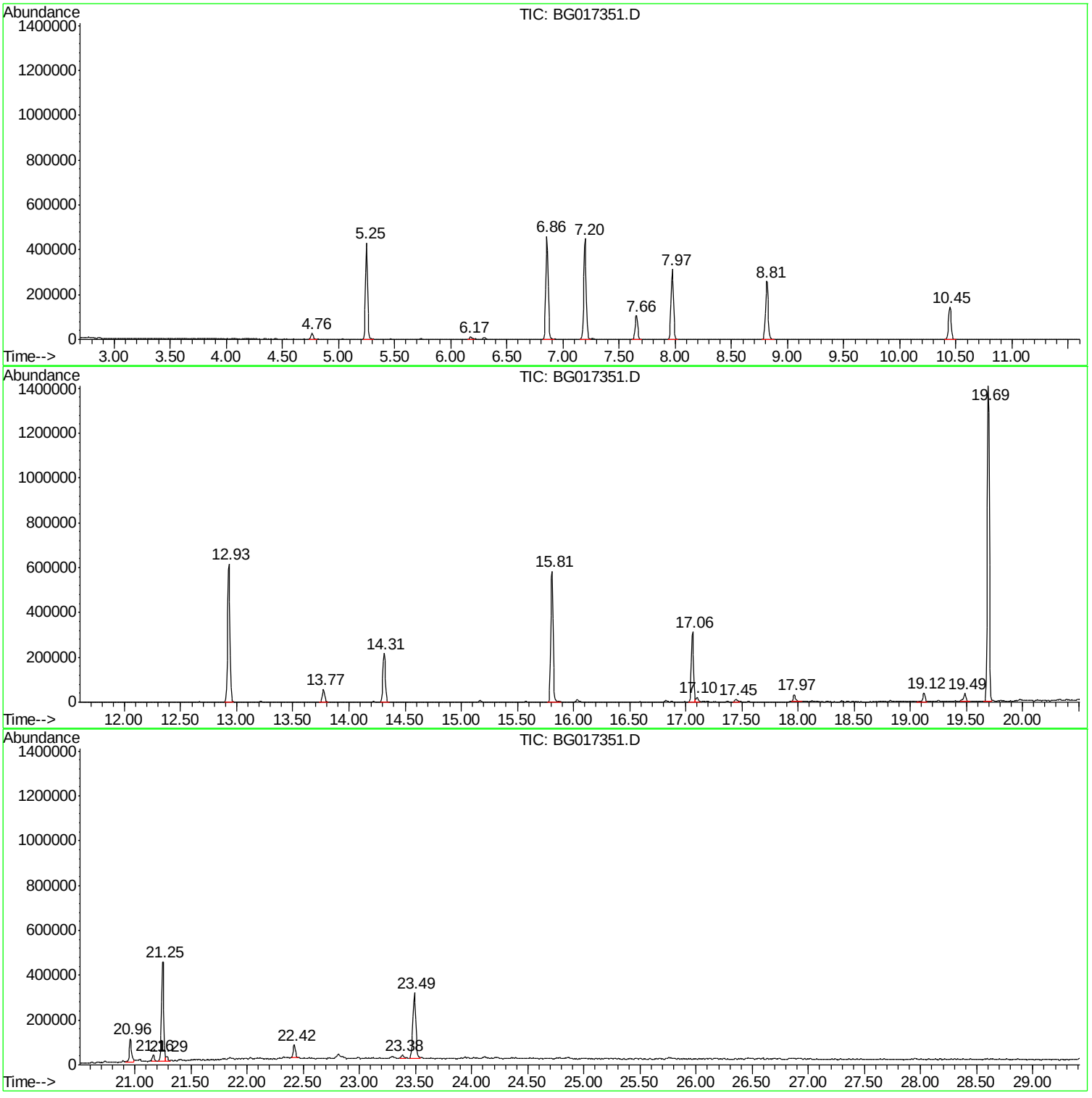
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052815\
Data File : BG017351.D
Acq On : 29 May 2015 8:47
Operator : TP/IZ
Sample : G2408-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-22S

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052815\
Data File : BG017351.D
Acq On : 29 May 2015 8:47
Operator : TP/IZ
Sample : G2408-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-22S

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

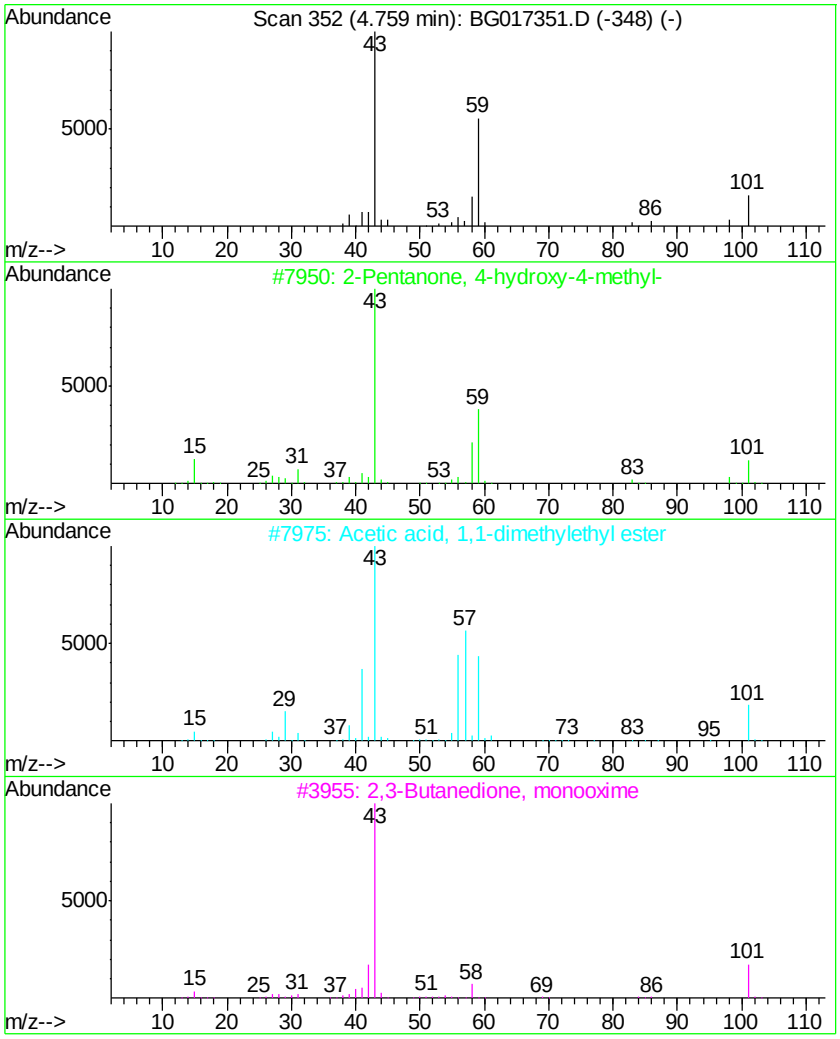
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

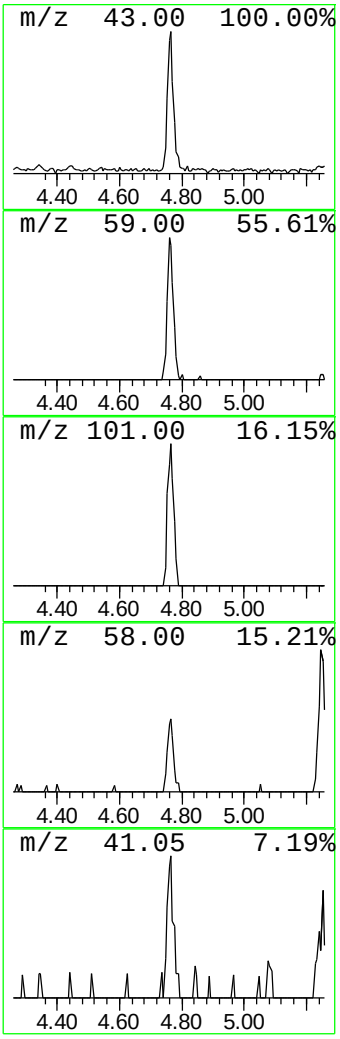
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	4.55 ng	37787	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	Butane	58	C4H10	000106-97-8	9
5	Propane, 1-isocyanato-2-methyl-	99	C5H9NO	001873-29-6	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052815\
Data File : BG017351.D
Acq On : 29 May 2015 8:47
Operator : TP/IZ
Sample : G2408-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-22S

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

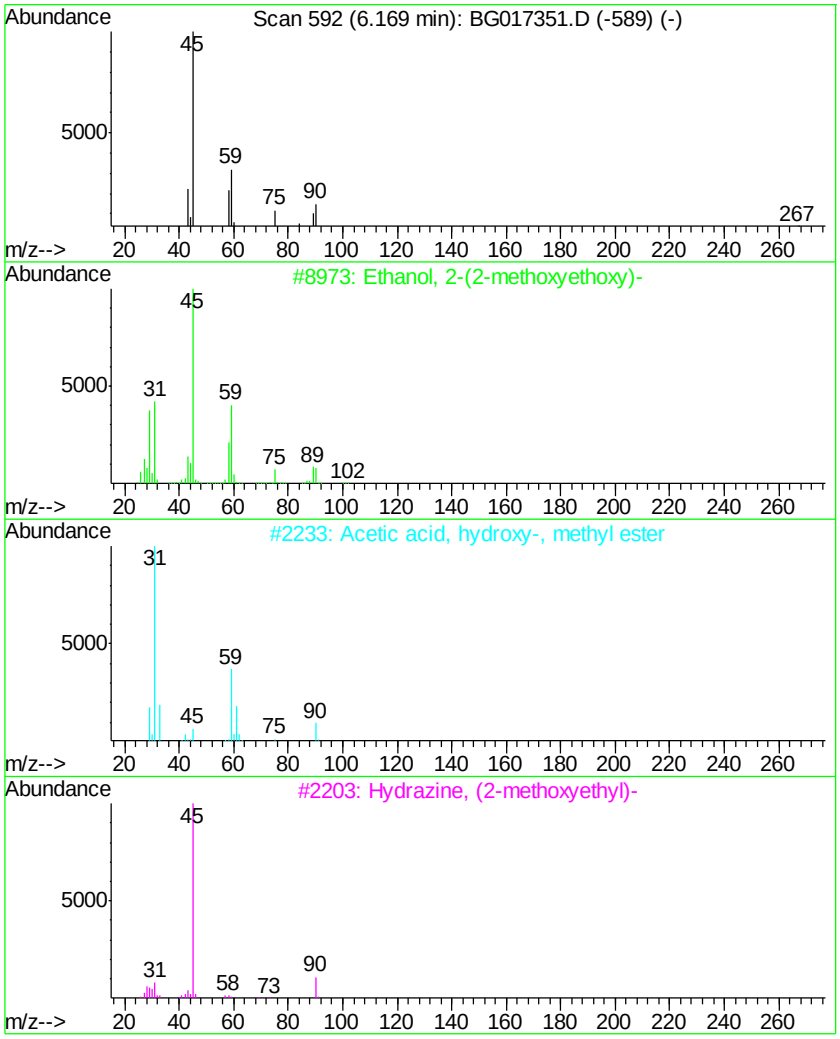
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

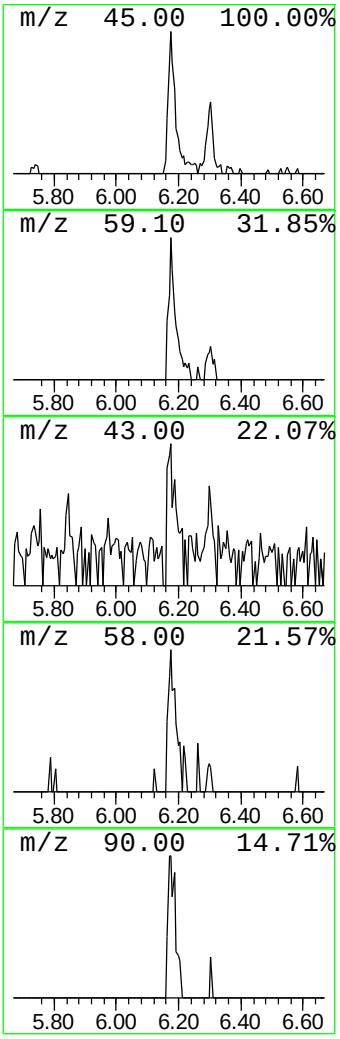
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	2.17 ng	18076	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	Acetic acid, hydroxy-, methyl ester	90	C3H6O3	000096-35-5	9
3	Hydrazine, (2-methoxyethyl)-	90	C3H10N2O	003044-15-3	9
4	Carbonic acid, dimethyl ester	90	C3H6O3	000616-38-6	9
5	2-Hexanol	102	C6H14O	000626-93-7	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052815\
Data File : BG017351.D
Acq On : 29 May 2015 8:47
Operator : TP/IZ
Sample : G2408-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-22S

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

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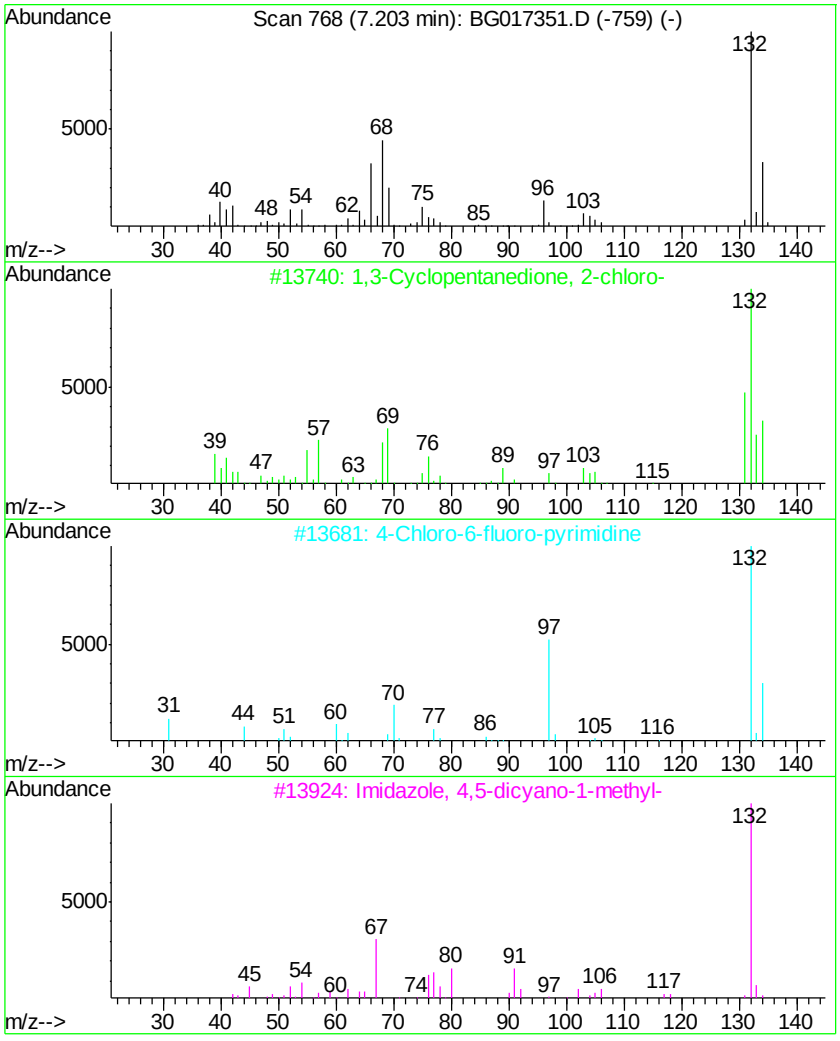
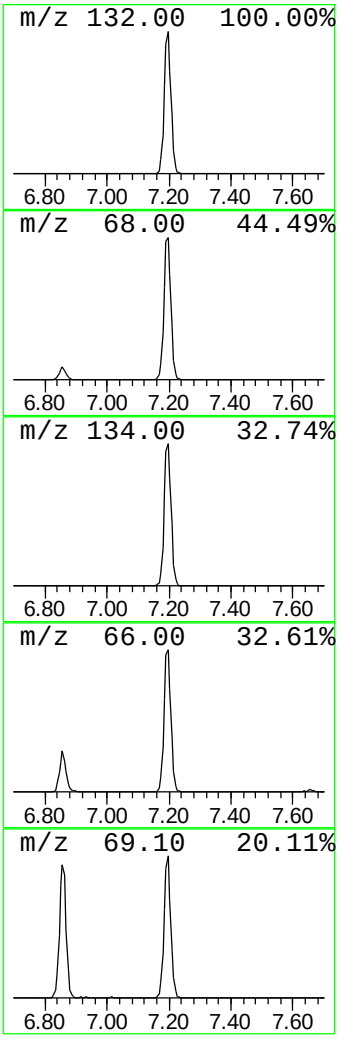
Peak Number 3 unknown7.20 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	81.93 ng	681025	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	28
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	25
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052815\
Data File : BG017351.D
Acq On : 29 May 2015 8:47
Operator : TP/IZ
Sample : G2408-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-22S

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

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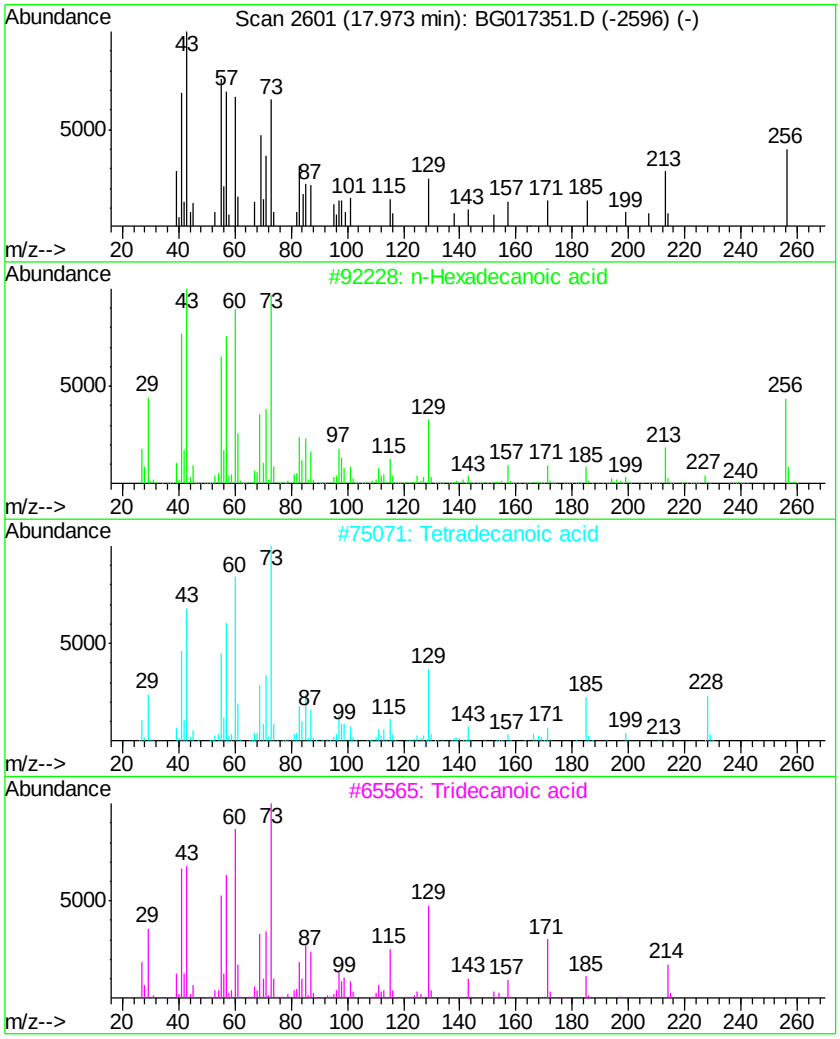
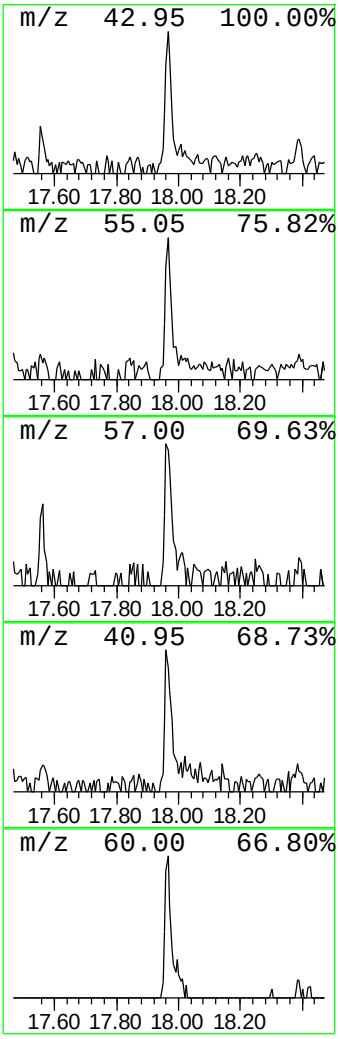
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	2.32 ng	49788	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3	Tridecanoic acid	214	C13H26O2	000638-53-9	53
4	Dodecanoic acid	200	C12H24O2	000143-07-7	50
5	n-Decanoic acid	172	C10H20O2	000334-48-5	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052815\
Data File : BG017351.D
Acq On : 29 May 2015 8:47
Operator : TP/IZ
Sample : G2408-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-22S

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

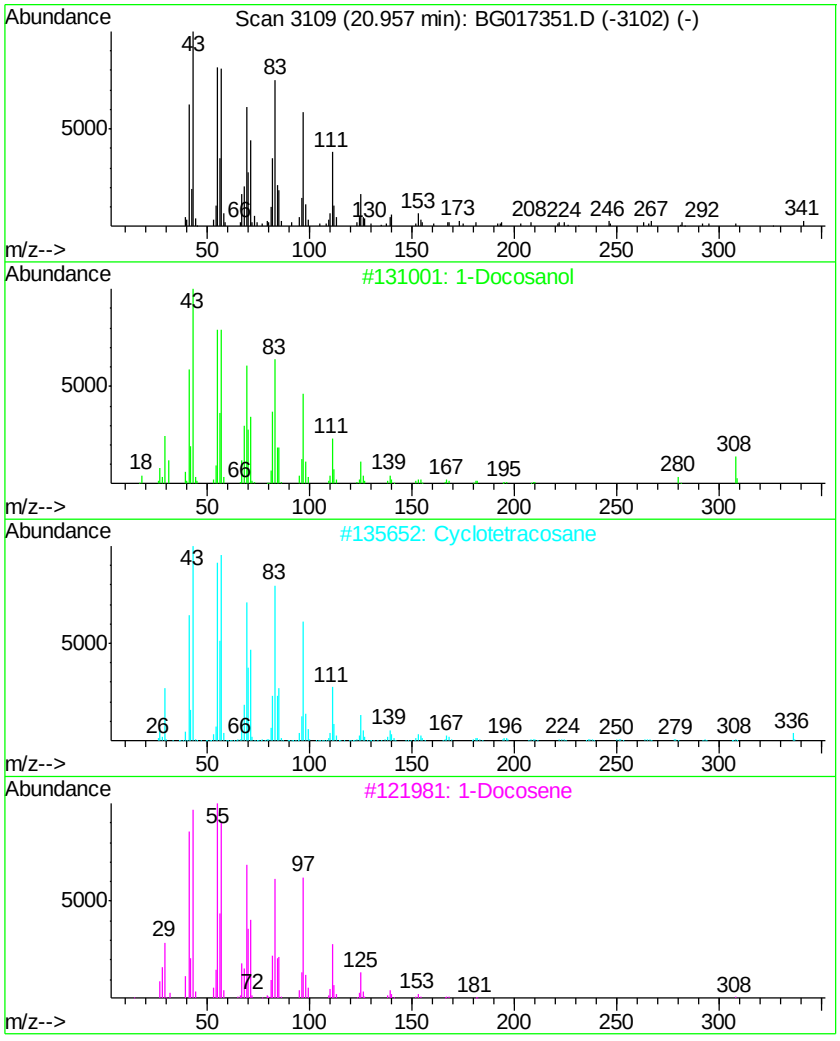
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

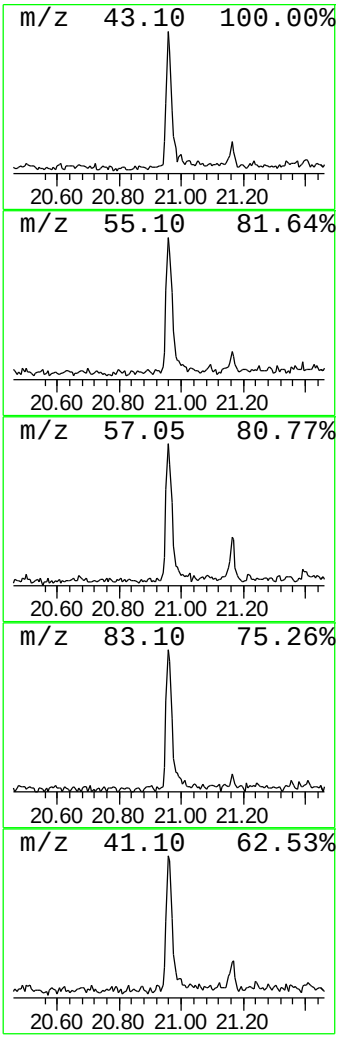
****

Peak Number 7 1-Docosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	4.96 ng	146652	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosanol	326	C22H46O	000661-19-8	91
2	Cyclotetracosane	336	C24H48	000297-03-0	91
3	1-Docosene	308	C22H44	001599-67-3	91
4	1-Docosanol, acetate	368	C24H48O2	000822-26-4	91
5	17-Pentatriacontene	491	C35H70	006971-40-0	91





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Operator : TP/IZ
Sample : G2408-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-22S

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

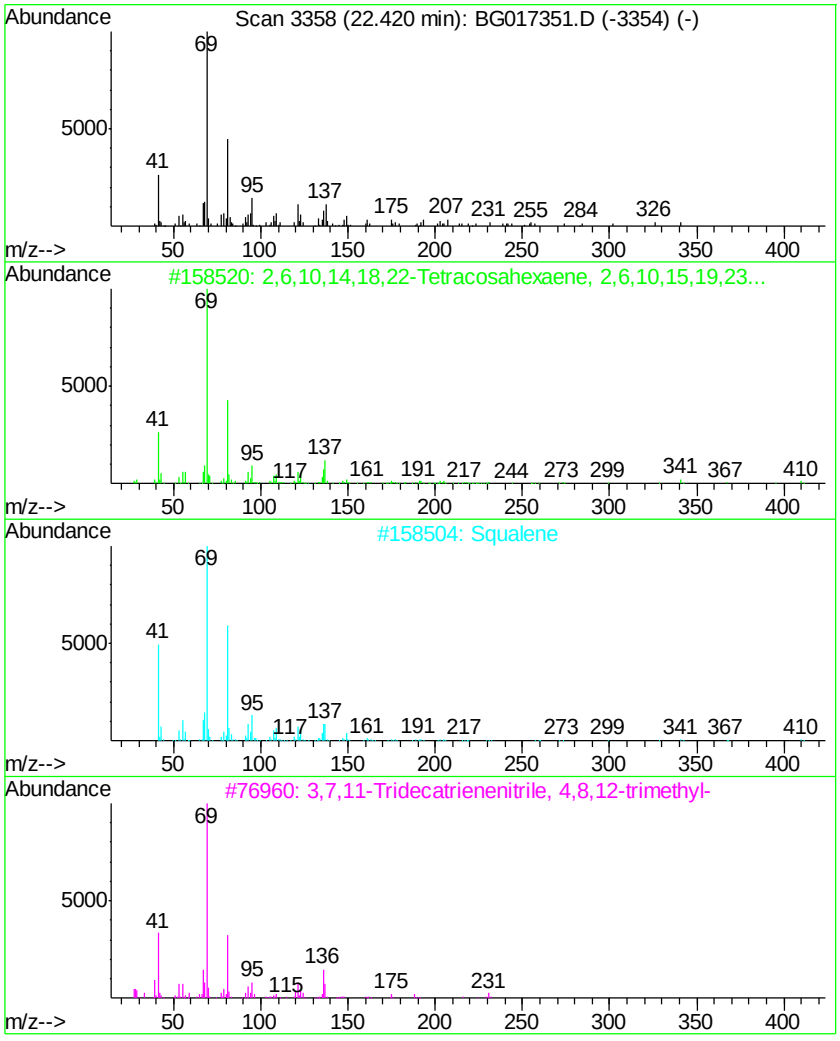
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

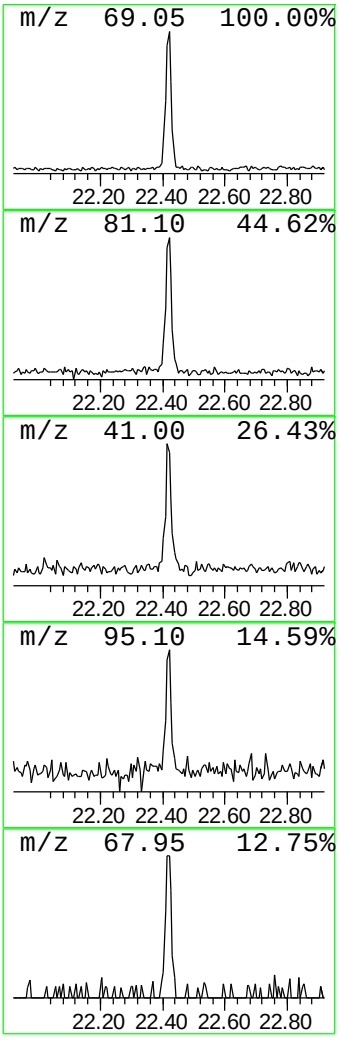
****

Peak Number 8 2,6,10,14,18,22-Tetracosahe... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	2.96 ng	78530	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	86
2	Squalene	410	C30H50	007683-64-9	83
3	3,7,11-Tridecatrienenitrile, 4,8...	231	C16H25N	006006-01-5	72
4	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	59





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
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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
2-Pentanone, 4-hy...	4.76	4.5	ng	37787	1	7.66	166252	20.0
Ethanol, 2-(2-met...	6.17	2.2	ng	18076	1	7.66	166252	20.0
unknown7.20	7.20	81.9	ng	681025	1	7.66	166252	20.0
n-Hexadecanoic acid	17.97	2.3	ng	49788	4	17.06	428989	20.0
1-Docosanol	20.96	5.0	ng	146652	5	21.25	590839	20.0
2,6,10,14,18,22-T...	22.42	3.0	ng	78530	6	23.49	531301	20.0