LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
Data File : BG017957.D
Acq On : 18 Jul 2015 11:08
Operator : TP/UM
Sample : G2996-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOUTH-EAST-FLOOR1-071415

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-BG071715.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	2.786	13	17	23	rVV3	35218	58253	1.02%	0.158%
2	2.863	25	30	35	rBV	539880	633900	11.09%	1.722%
3	2.904	35	37	44	rVB	45329	57269	1.00%	0.156%
4	4.731	343	348	358	rVB	138907	209252	3.66%	0.568%
5	5.195	419	427	435	rBV	1843522	2644656	46.26%	7.184%
6	6.770	687	695	707	rBV	1881867	2939965	51.43%	7.986%
7	7.122	747	755	764	rBV	1947270	3072996	53.75%	8.347%
8	7.586	827	834	840	rBV	348703	562069	9.83%	1.527%
9	7.904	880	888	895	rBV	1339503	2183148	38.19%	5.930%
10	8.738	1022	1030	1039	rBV	1113716	1813625	31.73%	4.926%
11	10.366	1300	1307	1315	rBV	501986	858836	15.02%	2.333%
12	12.857	1724	1731	1740	rBV	2785653	4073954	71.26%	11.066%
13	13.703	1869	1875	1880	rBV	469284	613956	10.74%	1.668%
14	14.243	1960	1967	1975	rBV2	778817	1224857	21.43%	3.327%
15	15.742	2215	2222	2233	rBV	2379999	3421042	59.84%	9.293%
16	15.977	2257	2262	2266	rBV	54182	89890	1.57%	0.244%
17	16.770	2393	2397	2402	rBV2	52950	70334	1.23%	0.191%
18	16.993	2429	2435	2442	rBV2	1028327	1448573	25.34%	3.935%
19	17.910	2586	2591	2602	rBV2	97962	175634	3.07%	0.477%
20	19.643	2880	2886	2896	rBV	4534017	5716682	100.00%	15.528%
21	20.342	2998	3005	3016	rBV	768846	1103375	19.30%	2.997%
22	20.924	3099	3104	3111	rBV	415377	541778	9.48%	1.472%
23	21.194	3145	3150	3160	rBV	1291329	1608099	28.13%	4.368%
24	23.415	3520	3528	3536	rBV	861794	1585512	27.73%	4.307%
25	24.055	3632	3637	3646	rVB7	50620	106829	1.87%	0.290%

Sum of corrected areas: 36814484

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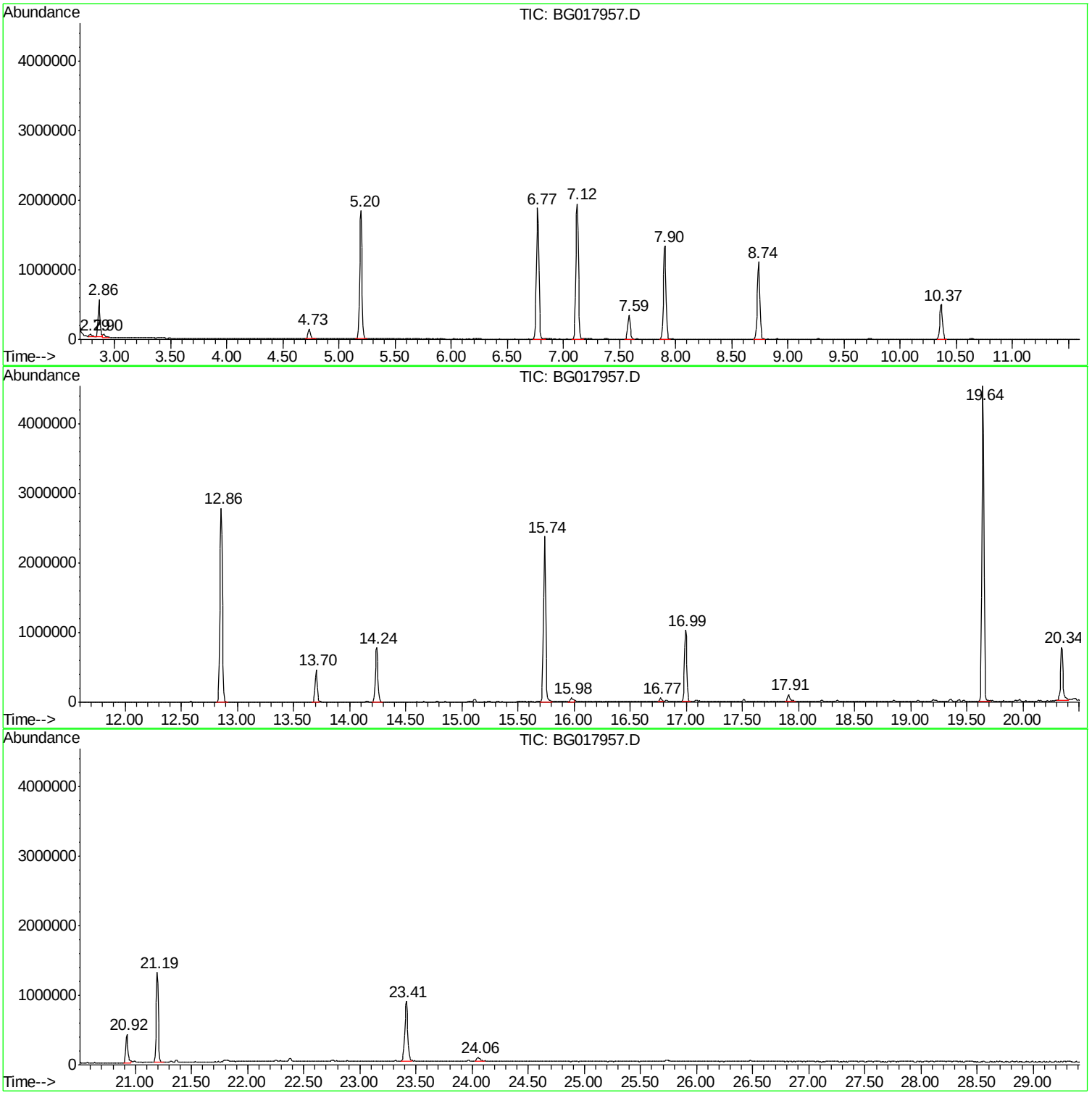
BNA_G
ClientSampleId :
SOUTH-EAST-FLOOR1-071415

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.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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Operator : TP/UM
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ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOUTH-EAST-FLOOR1-071415

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

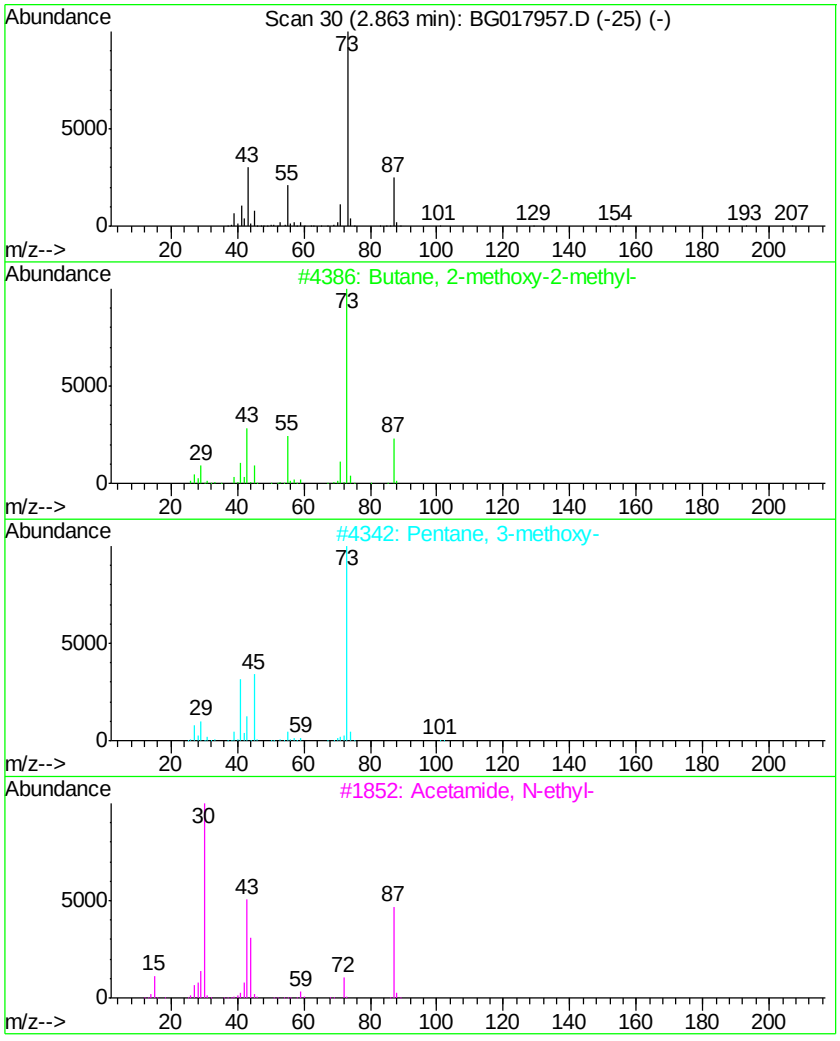
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

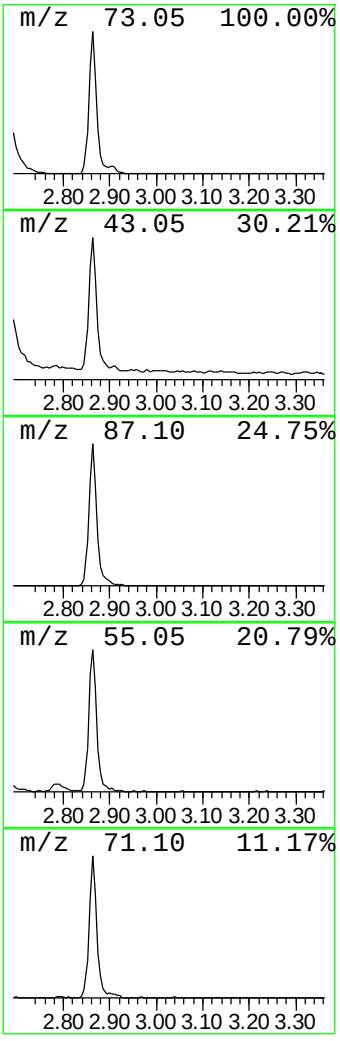
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.86	22.56 ng	633900	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Operator : TP/UM
Sample : G2996-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOUTH-EAST-FLOOR1-071415

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

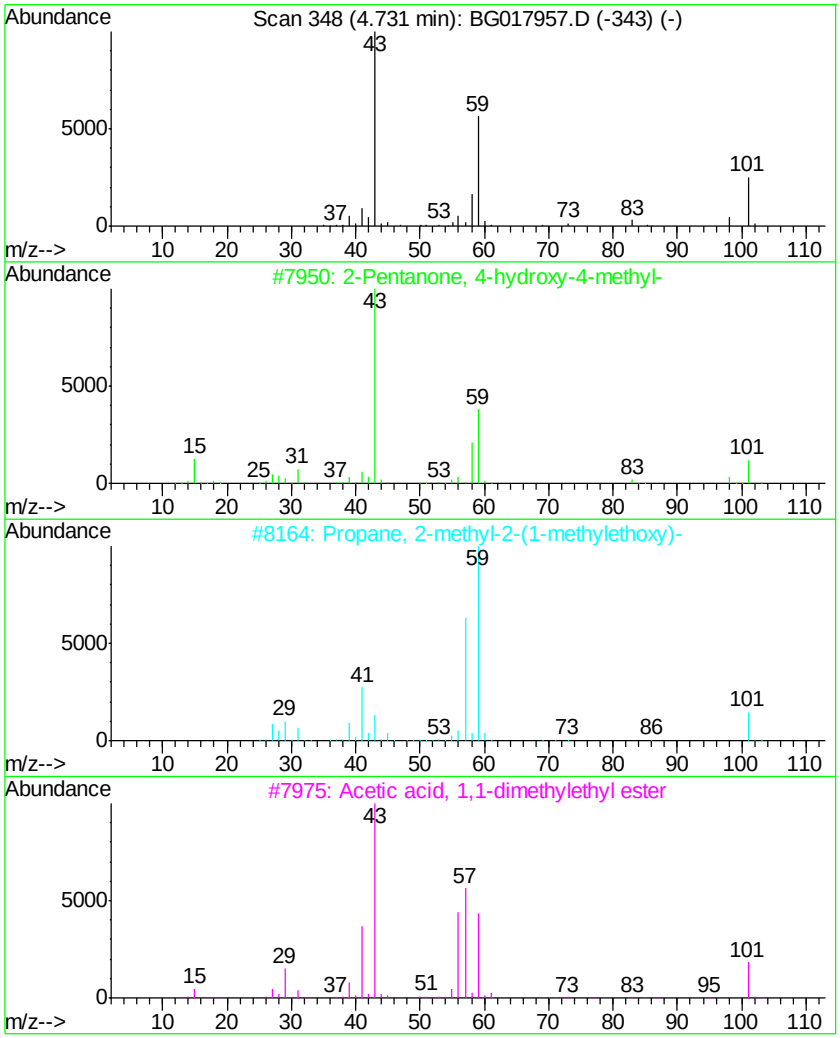
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

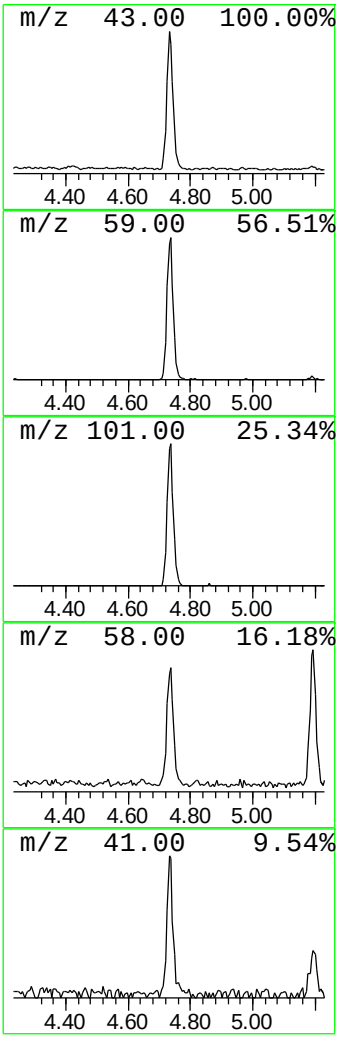
****

Peak Number 4 unknown4.73 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	7.45 ng	209252	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	40
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	25
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	23





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
Data File : BG017957.D
Acq On : 18 Jul 2015 11:08
Operator : TP/UM
Sample : G2996-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOUTH-EAST-FLOOR1-071415

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

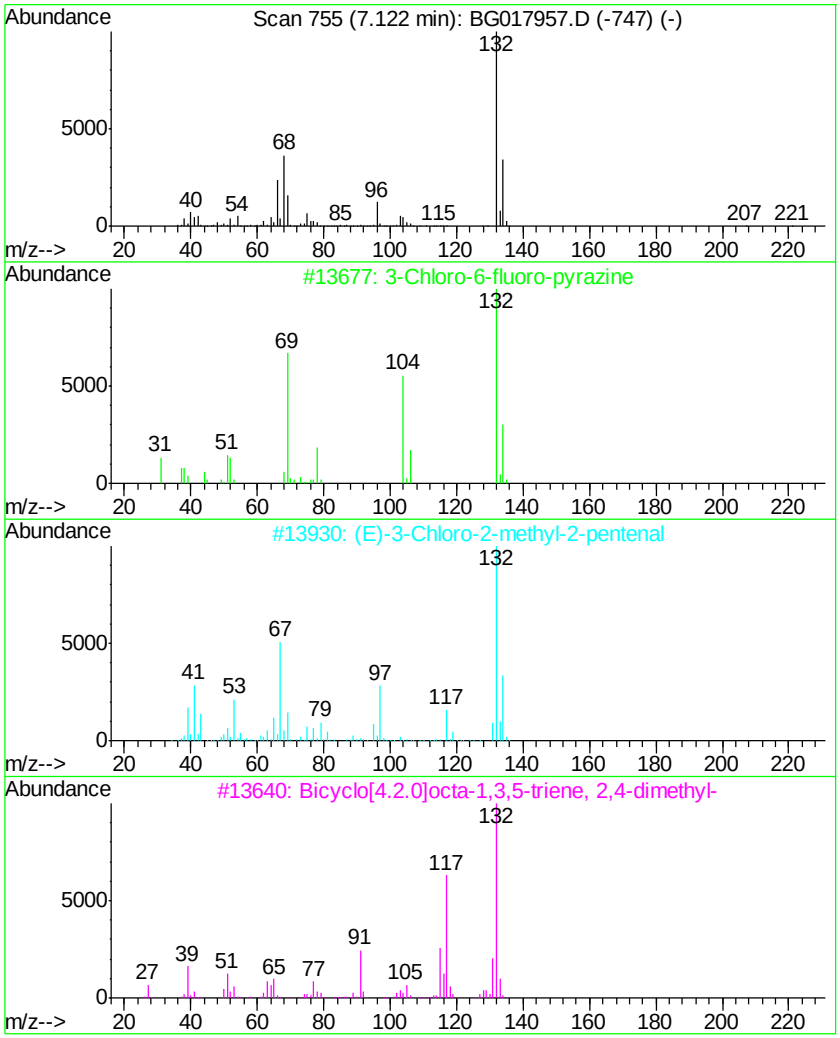
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

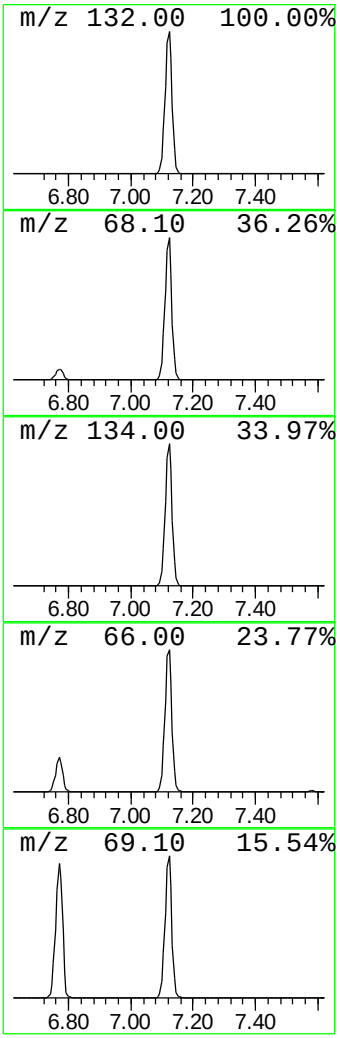
****

Peak Number 5 unknown7.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	109.35 ng	3073000	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





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Sample : G2996-01
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ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SOUTH-EAST-FLOOR1-071415

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
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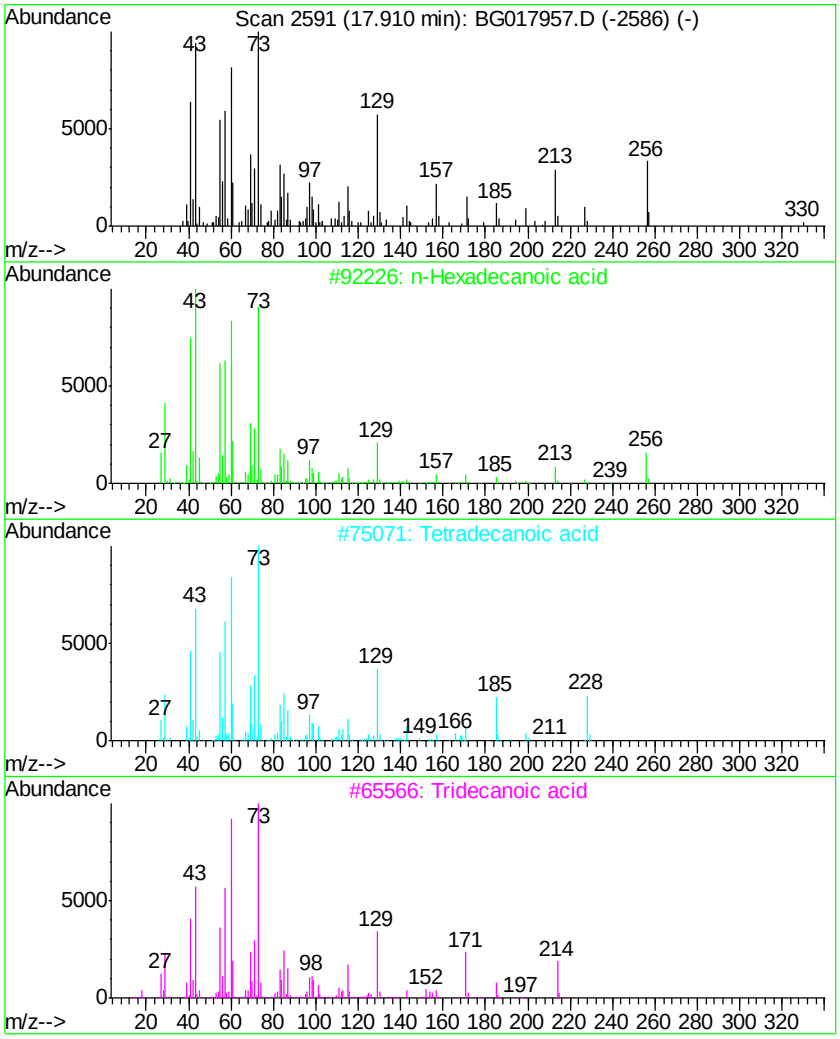
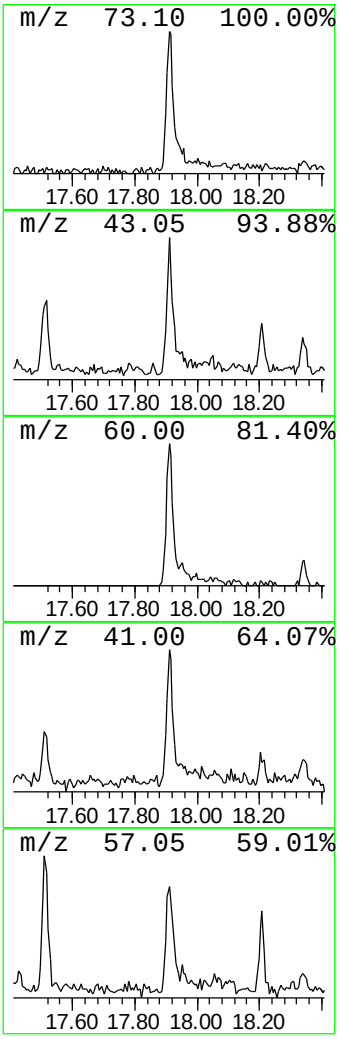
Peak Number 7 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	2.42 ng	175634	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Dodecanoic acid	200	C12H24O2	000143-07-7	52
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	50





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Sample : G2996-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOUTH-EAST-FLOOR1-071415

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

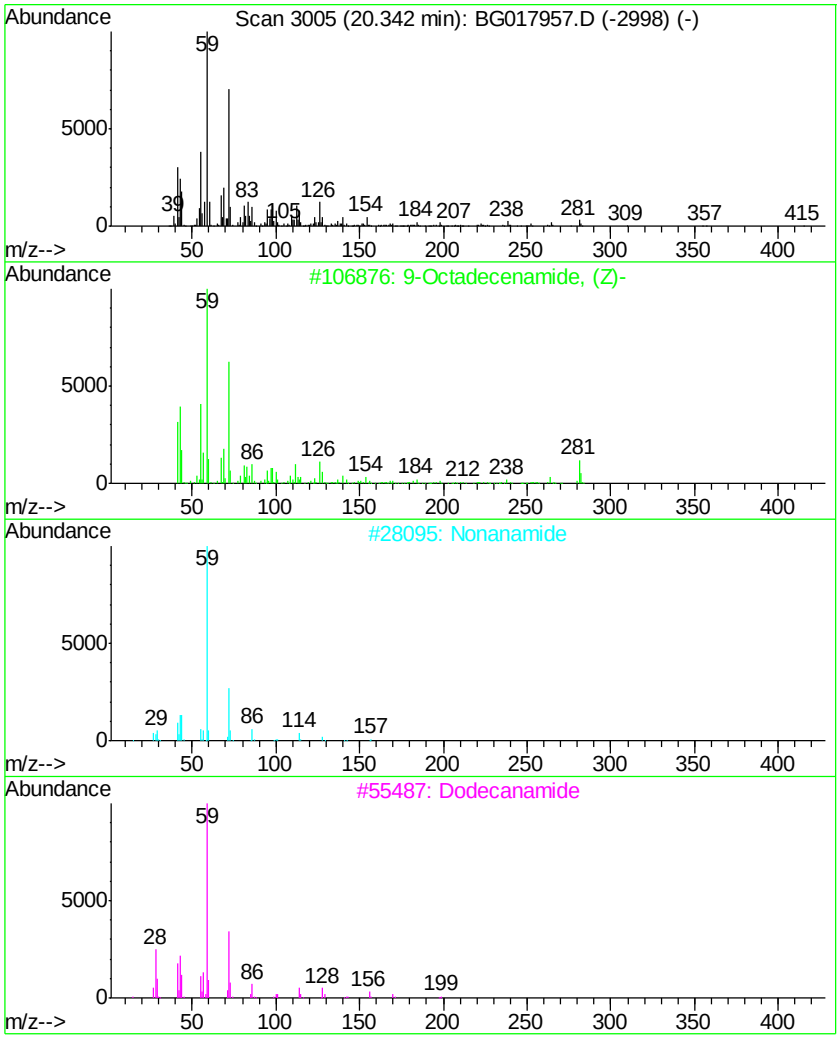
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

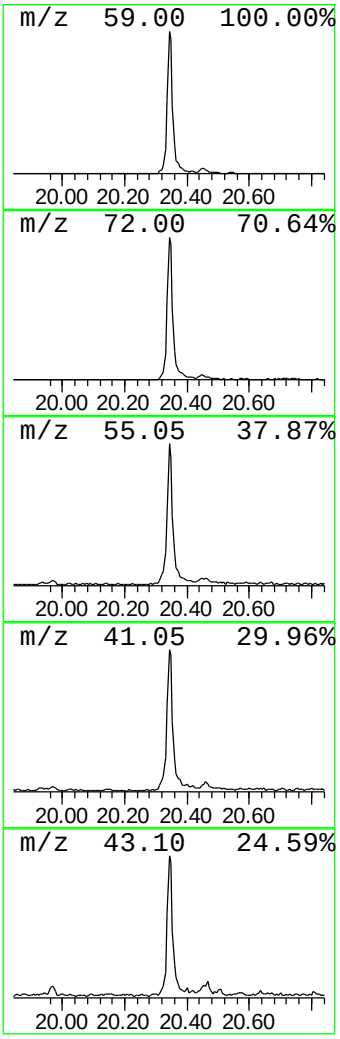
****

Peak Number 8 9-Octadecenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.34	13.72 ng	1103380	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	Nonanamide	157	C9H19NO	001120-07-6	53
3	Dodecanamide	199	C12H25NO	001120-16-7	53
4	Octanamide	143	C8H17NO	000629-01-6	53
5	Butanamide, 3-methyl-	101	C5H11NO	000541-46-8	38





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Instrument : BNA_G
ClientSampleId : SOUTH-EAST-FLOOR1-071415

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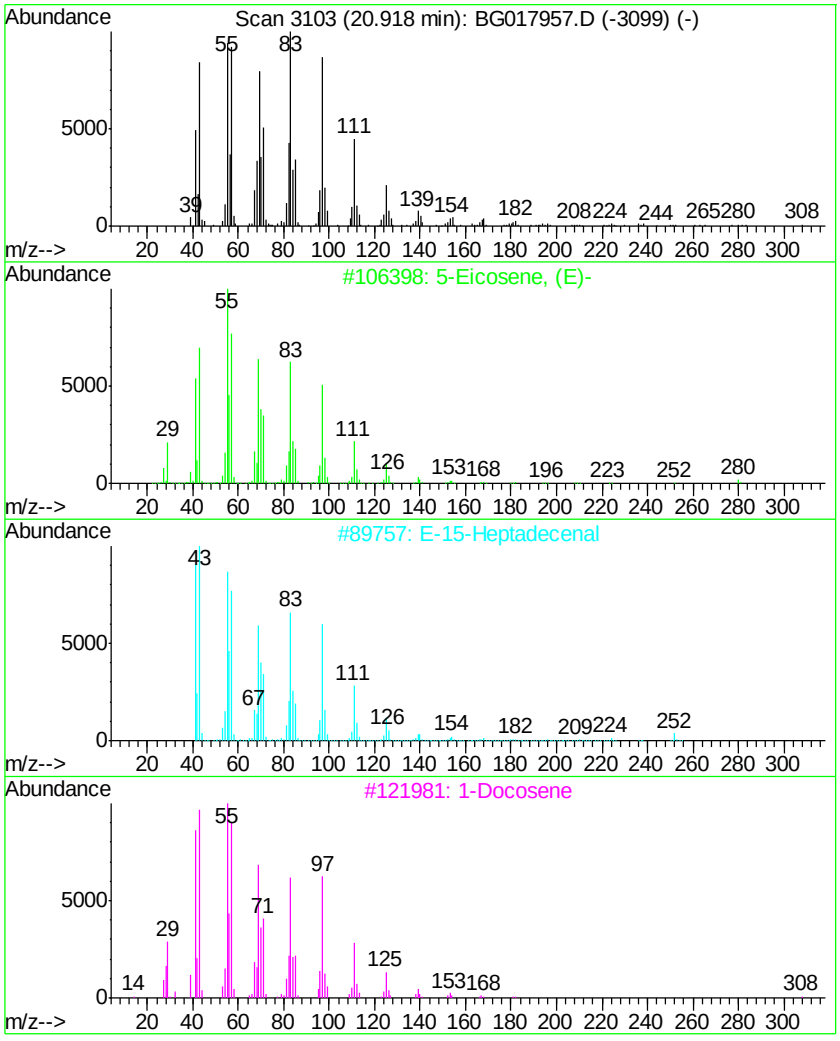
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

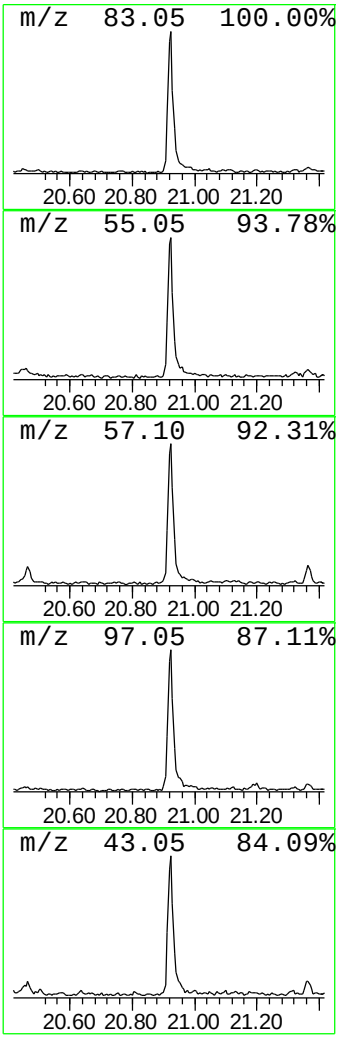
****

Peak Number 9 5-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	6.74 ng	541778	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	96
3	1-Docosene	308	C22H44	001599-67-3	94
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5	1-Octadecanol	270	C18H38O	000112-92-5	94





Tentatively Identified Compound (LSC) summary

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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	22.6	ng	633900	1	7.58	562069	20.0
unknown4.73	4.73	7.5	ng	209252	1	7.58	562069	20.0
unknown7.12	7.12	109.3	ng	3073000	1	7.58	562069	20.0
n-Hexadecanoic acid	17.91	2.4	ng	175634	4	16.99	1448570	20.0
9-Octadecenamide,...	20.34	13.7	ng	1103380	5	21.19	1608100	20.0
5-Eicosene, (E)-	20.92	6.7	ng	541778	5	21.19	1608100	20.0