LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
Data File : BG016162.D
Acq On : 27 Mar 2015 5:04
Operator : TP/IZ
Sample : G1653-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FD8

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-BG032515.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	2.793	14	18	32	rVB	763522	833569	36.26%	4.808%
2	2.934	37	42	51	rVV2	71816	128624	5.60%	0.742%
3	3.005	51	54	60	rVB	63925	74942	3.26%	0.432%
4	4.920	373	380	389	rVB	91690	127976	5.57%	0.738%
5	5.378	452	458	466	rBV	733899	1054634	45.88%	6.083%
6	6.964	721	728	737	rVB	753518	1177816	51.24%	6.793%
7	7.322	782	789	796	rBV	769394	1219712	53.06%	7.035%
8	7.381	796	799	809	rVB	24796	34448	1.50%	0.199%
9	7.569	825	831	838	rVB	45963	71366	3.10%	0.412%
10	7.792	862	869	875	rBV	184726	287806	12.52%	1.660%
11	8.109	916	923	931	rBV	541958	860691	37.44%	4.964%
12	8.944	1057	1065	1074	rBV	425863	700930	30.49%	4.043%
13	10.577	1336	1343	1350	rVB	258498	436641	19.00%	2.518%
14	13.038	1755	1762	1769	rBV	1095706	1589984	69.17%	9.170%
15	13.872	1895	1904	1912	rBV	36671	52169	2.27%	0.301%
16	14.413	1990	1996	2004	rVB2	407148	639531	27.82%	3.689%
17	15.740	2214	2222	2228	rVB	25659	37828	1.65%	0.218%
18	15.899	2241	2249	2261	rBV	991604	1379594	60.02%	7.957%
19	16.122	2283	2287	2290	rBV	20770	26751	1.16%	0.154%
20	17.150	2456	2462	2469	rBV2	542039	793707	34.53%	4.578%
21	17.591	2532	2537	2541	rBV2	17882	26088	1.13%	0.150%
22	18.043	2609	2614	2621	rBV	91243	141484	6.16%	0.816%
23	19.324	2828	2832	2841	rBV3	36677	60472	2.63%	0.349%
24	19.582	2872	2876	2882	rBV	95505	132059	5.75%	0.762%
25	19.776	2903	2909	2917	rBV	1811379	2298661	100.00%	13.258%
26	20.387	3009	3013	3019	rBV	16490	24794	1.08%	0.143%
27	21.033	3118	3123	3134	rBV	210594	304989	13.27%	1.759%
28	21.321	3167	3172	3180	rBV	732214	915498	39.83%	5.280%
29	22.508	3372	3374	3380	rVB3	20242	24837	1.08%	0.143%
30	23.606	3553	3561	3569	rBV2	452666	885200	38.51%	5.105%
31	26.167	3987	3997	4010	rVB2	266103	792416	34.47%	4.570%
32	26.702	4081	4088	4097	rVB2	38192	98367	4.28%	0.567%
33	27.483	4216	4221	4231	rVB2	35596	104583	4.55%	0.603%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
Data File : BG016162.D
Acq On : 27 Mar 2015 5:04
Operator : TP/IZ
Sample : G1653-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FD8

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-BG032515.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

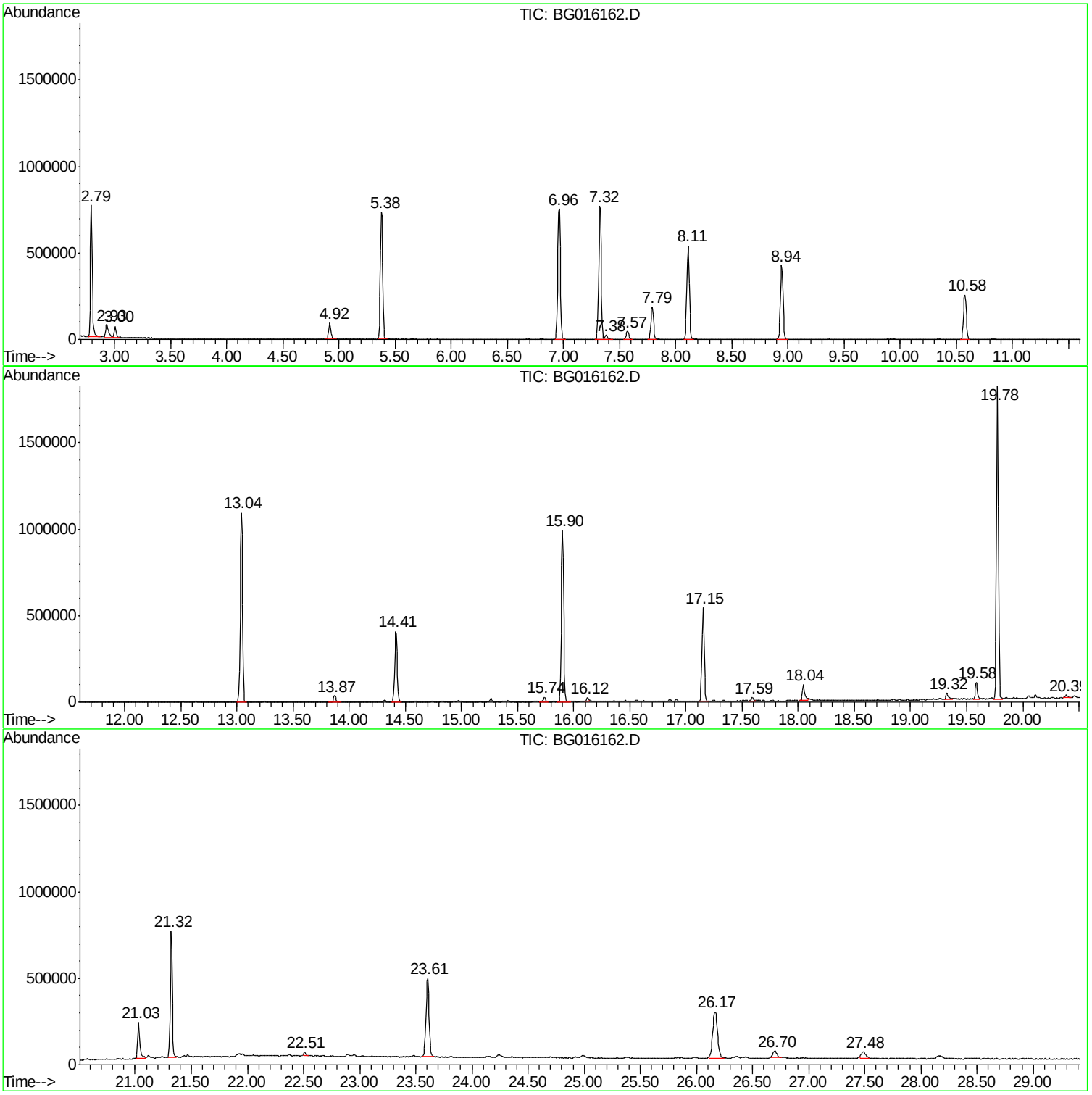
Sum of corrected areas: 17338167

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
Data File : BG016162.D
Acq On : 27 Mar 2015 5:04
Operator : TP/IZ
Sample : G1653-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FD8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.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\BG032615\
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Acq On : 27 Mar 2015 5:04
Operator : TP/IZ
Sample : G1653-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FD8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

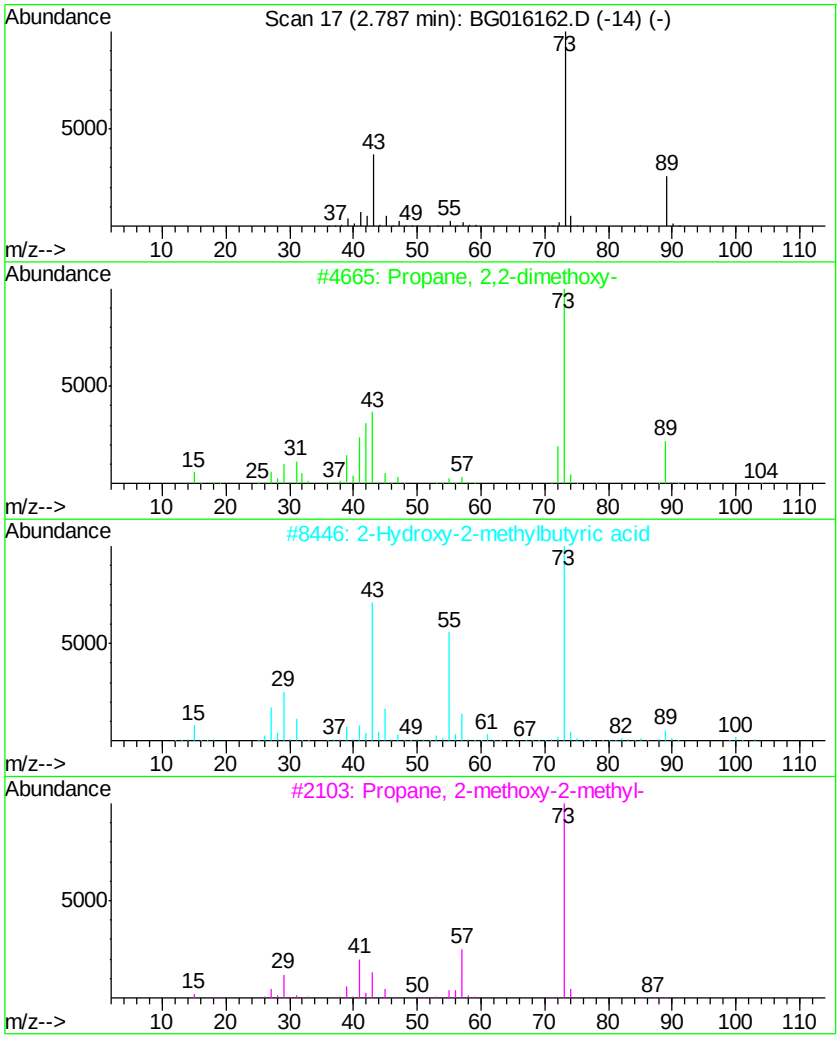
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

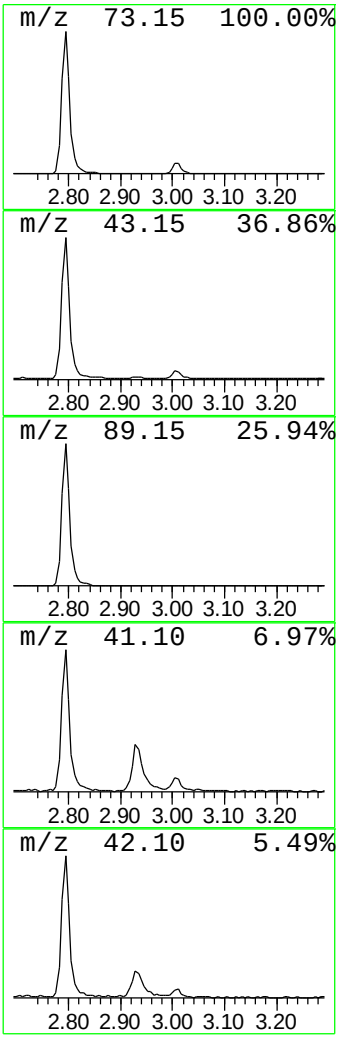
****

Peak Number 1 unknown2.79 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	57.93 ng	833569	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	45
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	7
5	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
Data File : BG016162.D
Acq On : 27 Mar 2015 5:04
Operator : TP/IZ
Sample : G1653-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FD8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

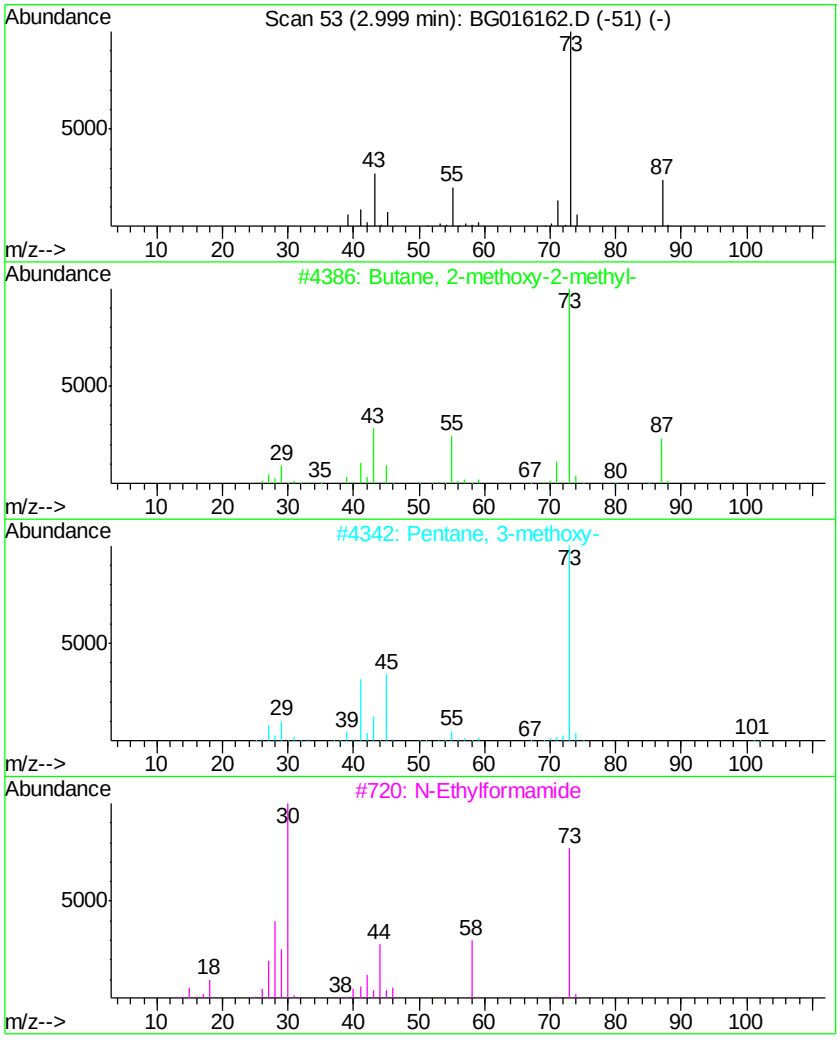
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

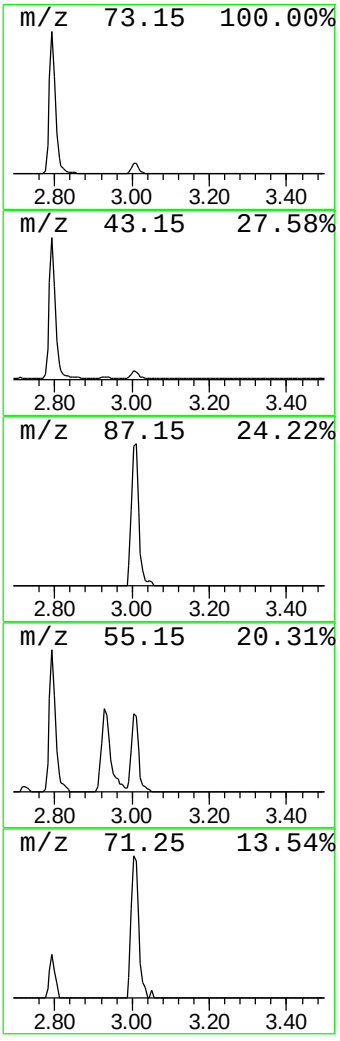
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	5.21 ng	74942	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
Data File : BG016162.D
Acq On : 27 Mar 2015 5:04
Operator : TP/IZ
Sample : G1653-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FD8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

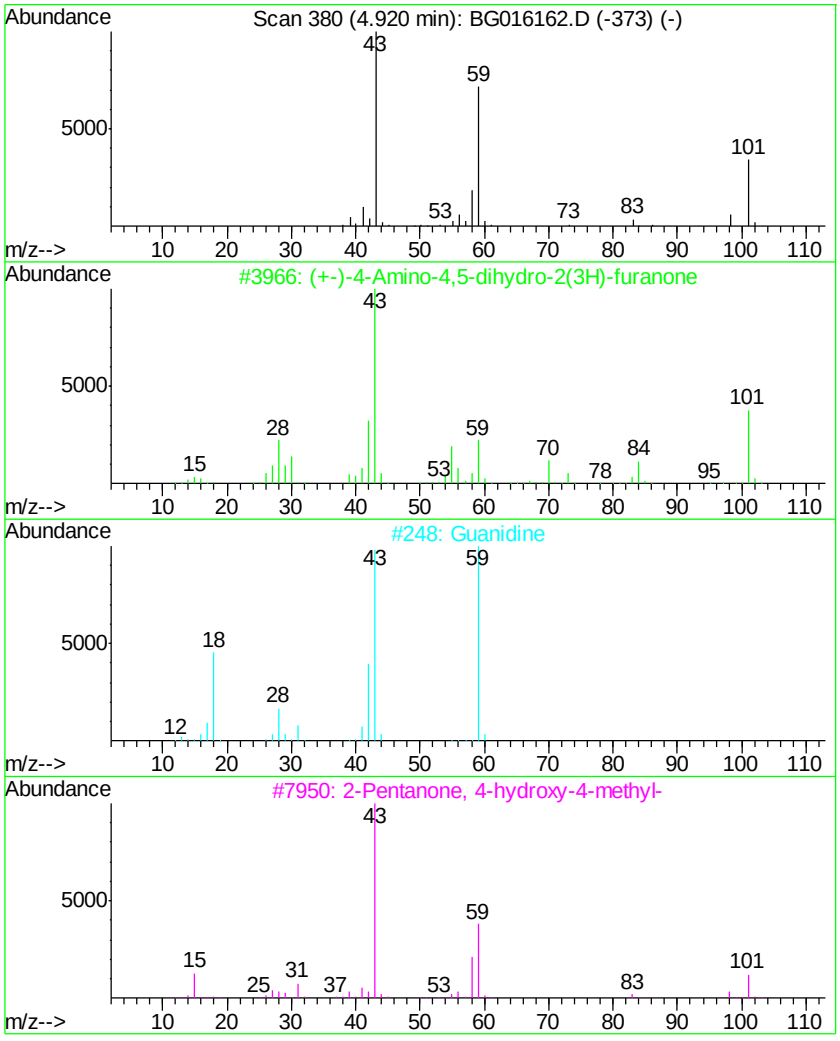
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

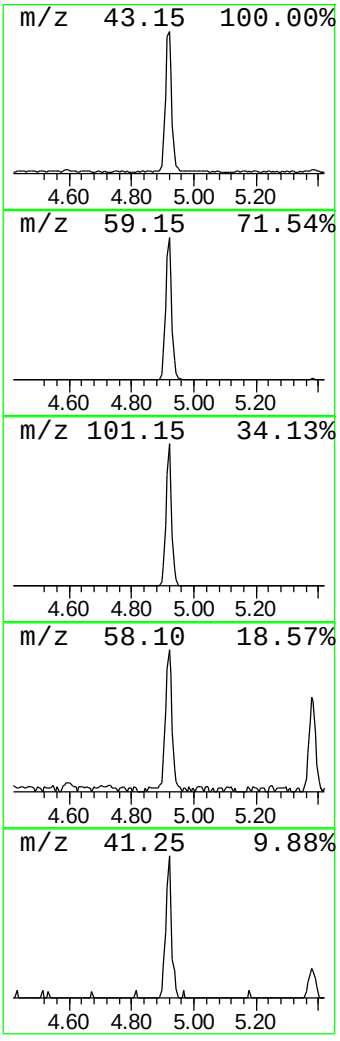
****

Peak Number 4 unknown4.92 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	8.89 ng	127976	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
2	Guanidine	59	CH5N3	000113-00-8	43
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	17





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
Data File : BG016162.D
Acq On : 27 Mar 2015 5:04
Operator : TP/IZ
Sample : G1653-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FD8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

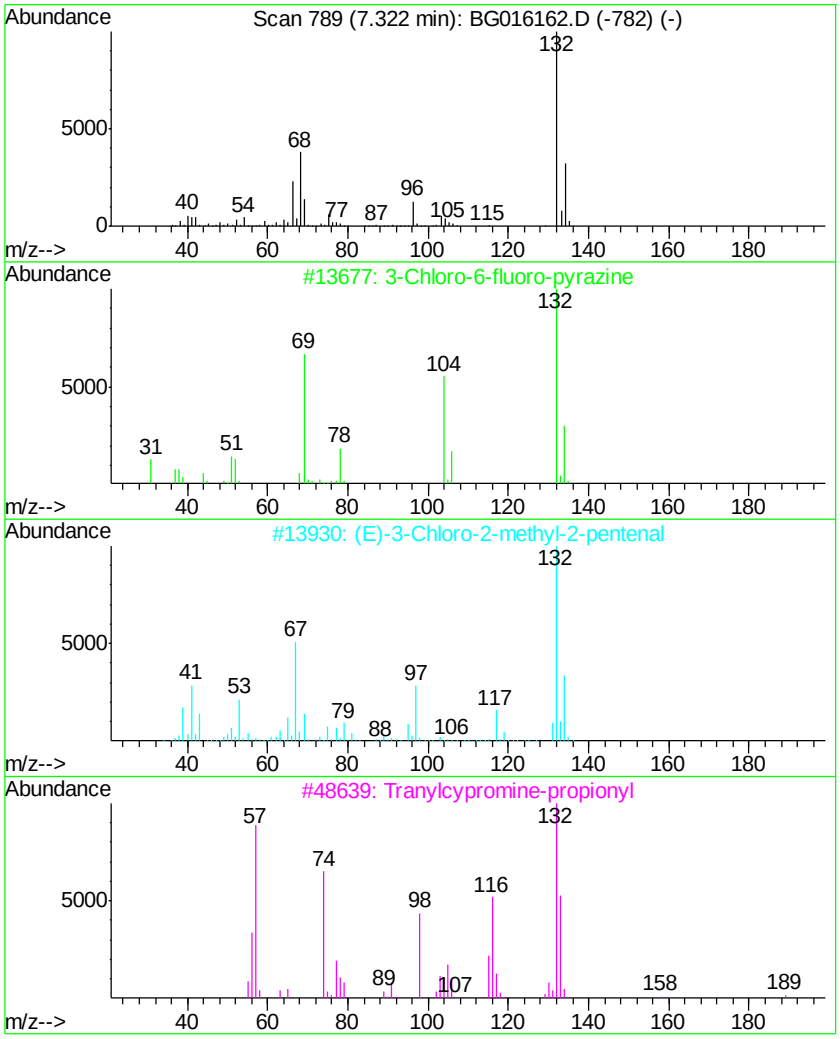
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

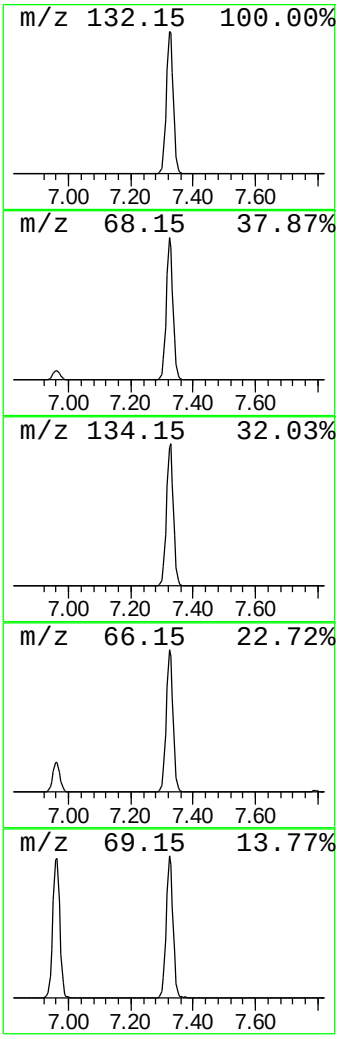
****

Peak Number 5 unknown7.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	84.76 ng	1219710	1,4-Dichlorobenzene-d4	7.79

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	35
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Data File : BG016162.D
Acq On : 27 Mar 2015 5:04
Operator : TP/IZ
Sample : G1653-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FD8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

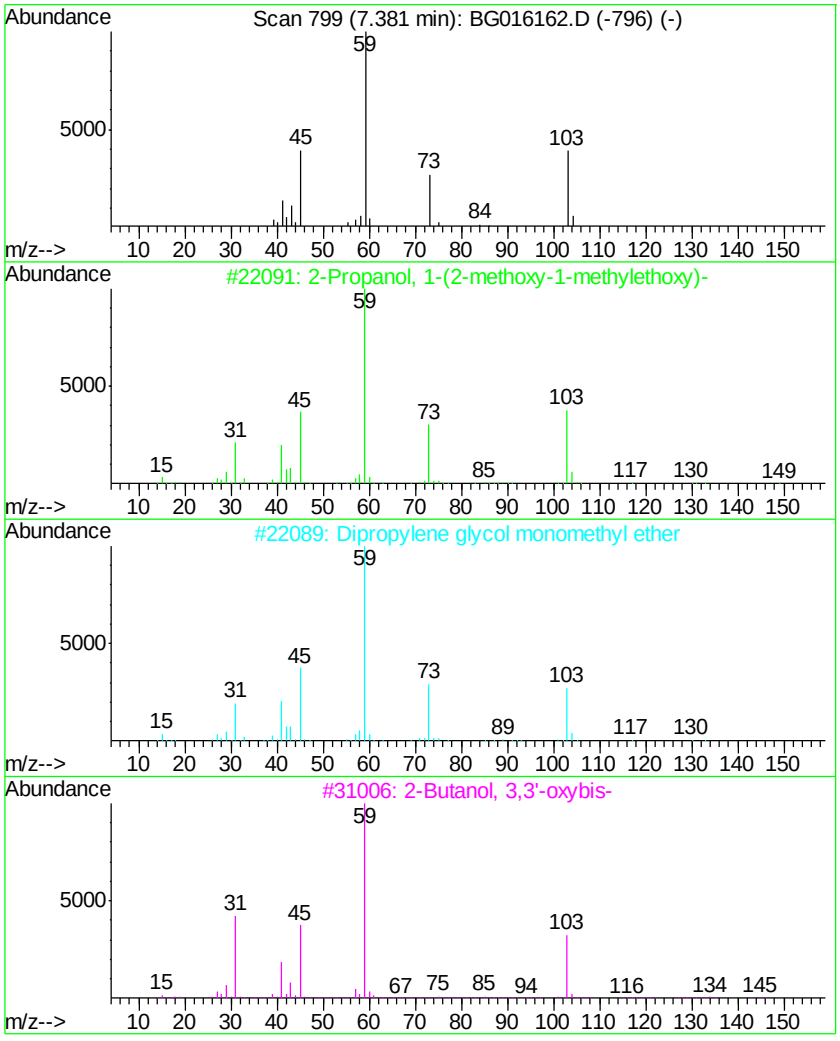
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

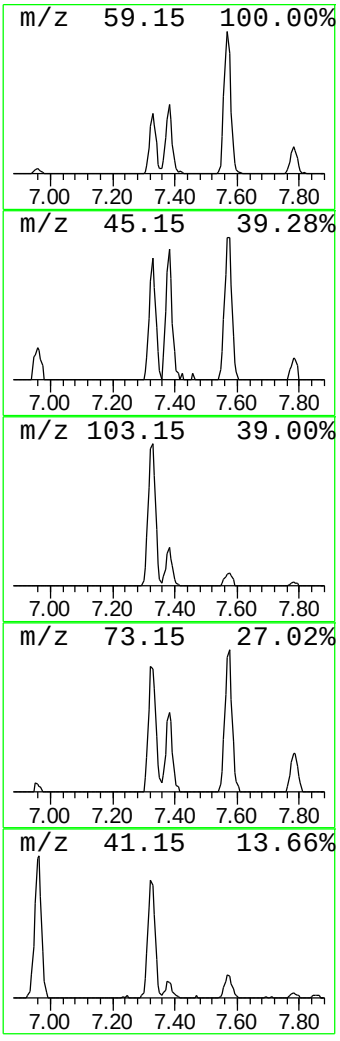
****

Peak Number 6 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	2.39 ng	34448	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	83
2	Dipropylene glycol monomethyl ether	148	C7H16O3	034590-94-8	72
3	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	72
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	56
5	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	50





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Data File : BG016162.D
Acq On : 27 Mar 2015 5:04
Operator : TP/IZ
Sample : G1653-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FD8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

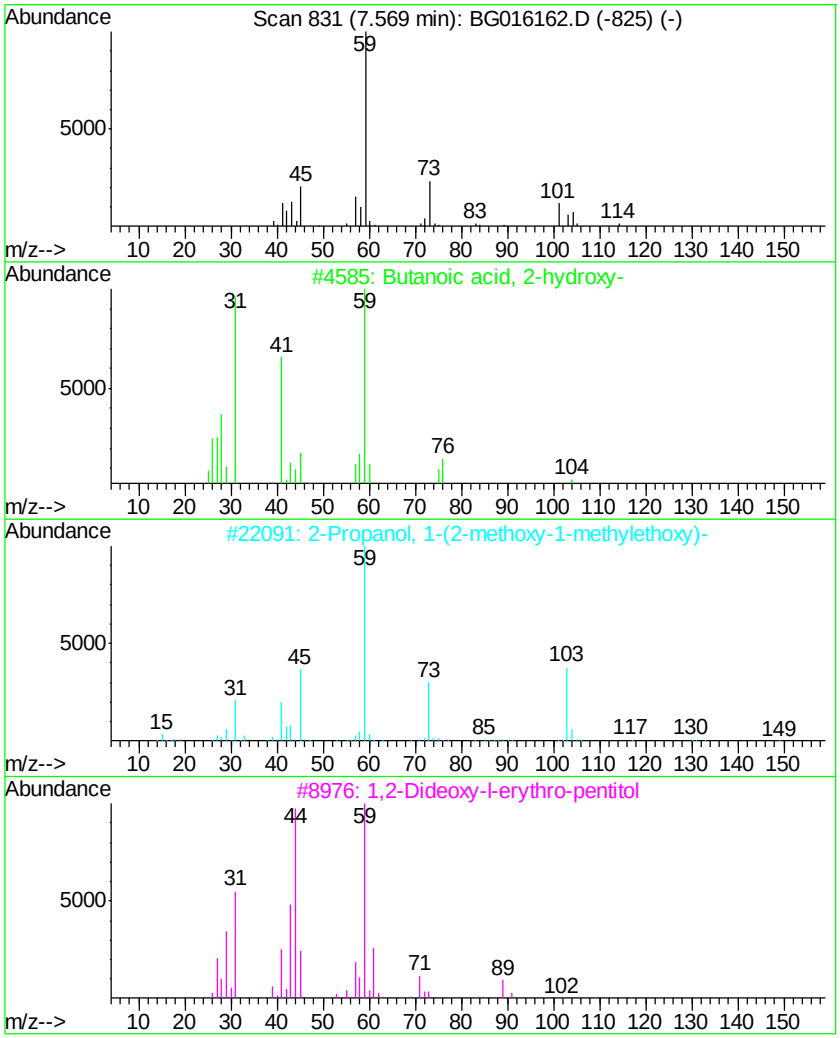
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

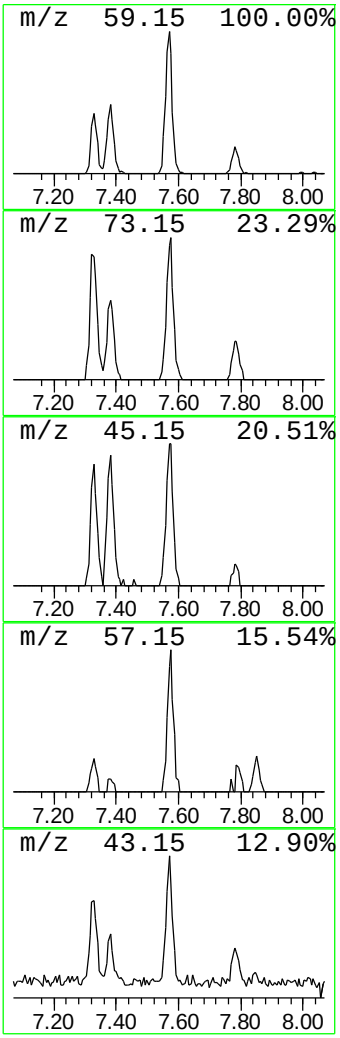
****

Peak Number 7 Butanoic acid, 2-hydroxy- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	4.96 ng	71366	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-hydroxy-	104	C4H8O3	000565-70-8	50
2	2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	45
3	1,2-Dideoxy-l-erythro-pentitol	120	C5H12O3	1000112-47-4	45
4	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	42
5	Dipropylene glycol	134	C6H14O3	025265-71-8	40





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
Data File : BG016162.D
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Operator : TP/IZ
Sample : G1653-13
Misc :
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Instrument : BNA_G
ClientSampleId : FD8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.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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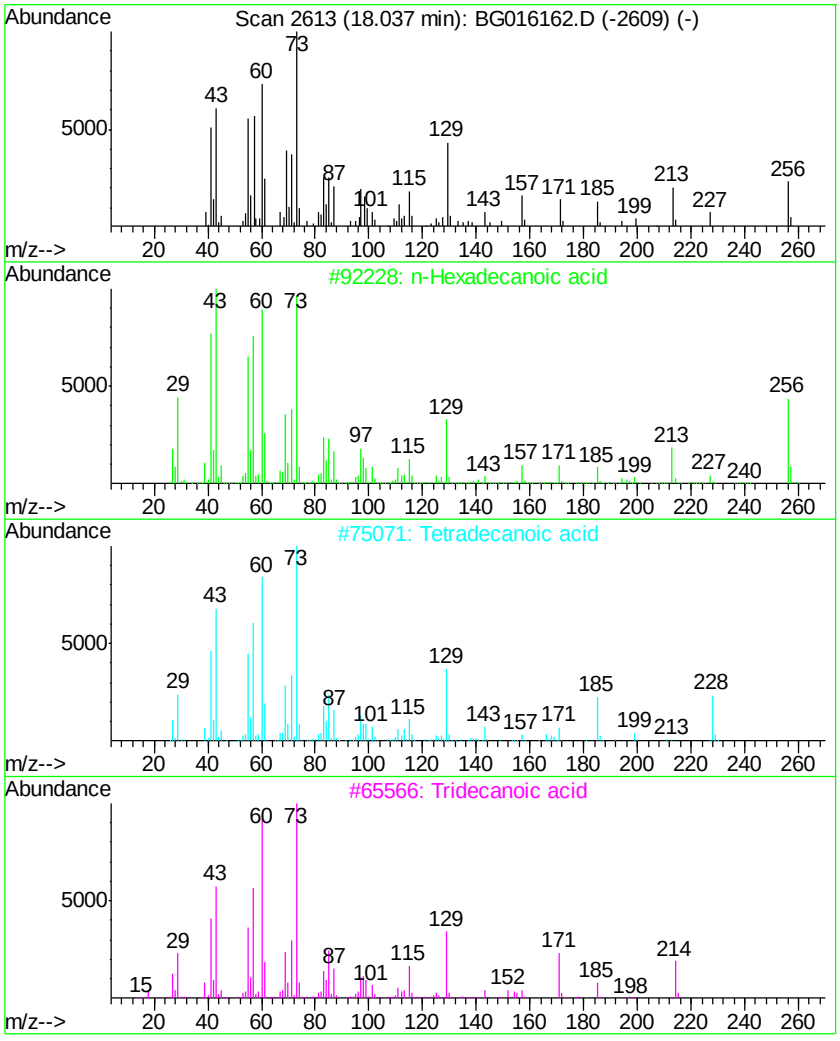
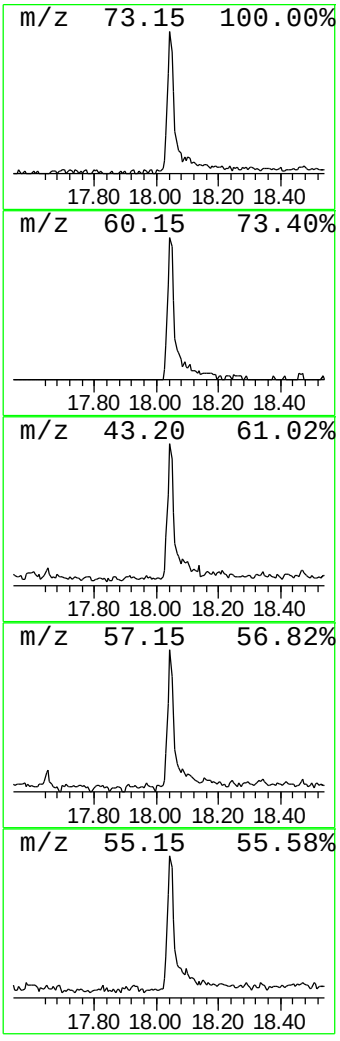
Peak Number 9 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	3.57 ng	141484	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	74
4	Dodecanoic acid	200	C12H24O2	000143-07-7	47
5	Dodecane	170	C12H26	000112-40-3	11





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Instrument : BNA_G
ClientSampleId : FD8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

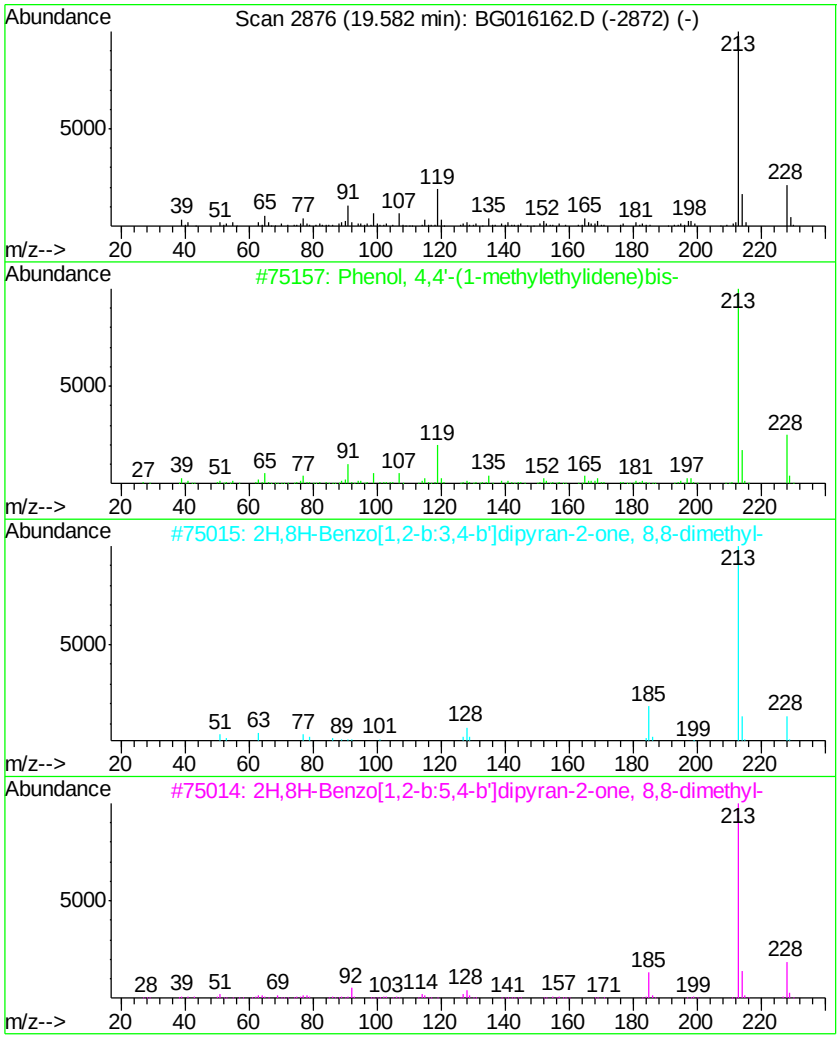
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

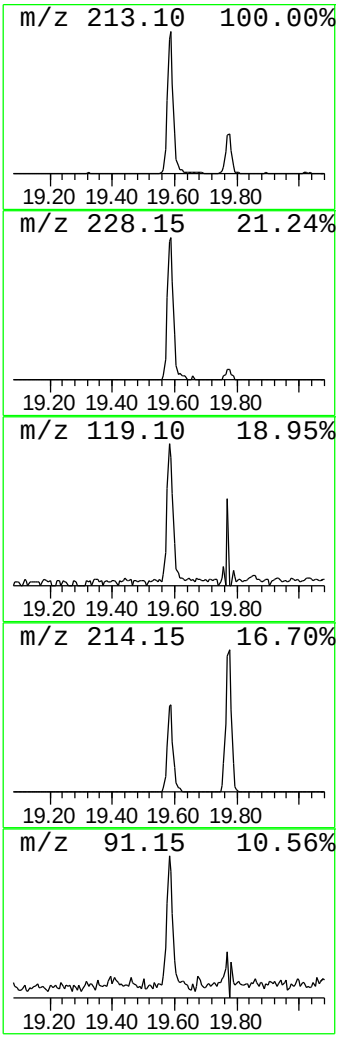
****

Peak Number 10 Phenol, 4,4'-(1-methylethyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.58	2.88 ng	132059	Chrysene-d12	21.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	98
2	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	72
3	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	64
4	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	47
5	Phenol, 2,4'-isopropylidenedi-	228	C15H16O2	000837-08-1	47





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Data File : BG016162.D
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Operator : TP/IZ
Sample : G1653-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FD8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

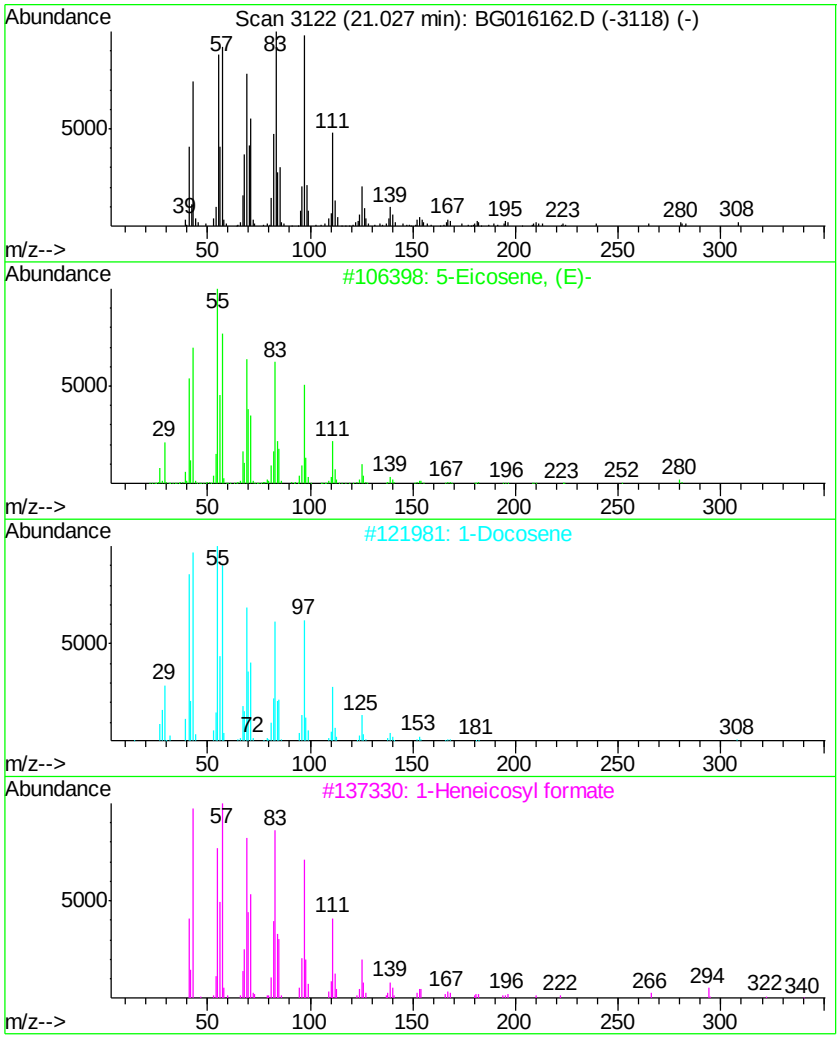
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

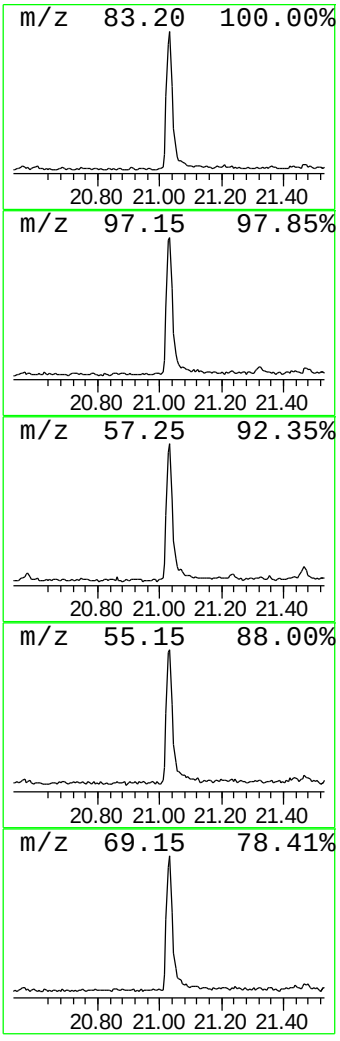
****

Peak Number 11 5-Eicosene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	6.66 ng	304989	Chrysene-d12	21.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Docosene	308	C22H44	001599-67-3	94
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4	Cyclopentadecane	210	C15H30	000295-48-7	93
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91





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Data File : BG016162.D
Acq On : 27 Mar 2015 5:04
Operator : TP/IZ
Sample : G1653-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FD8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.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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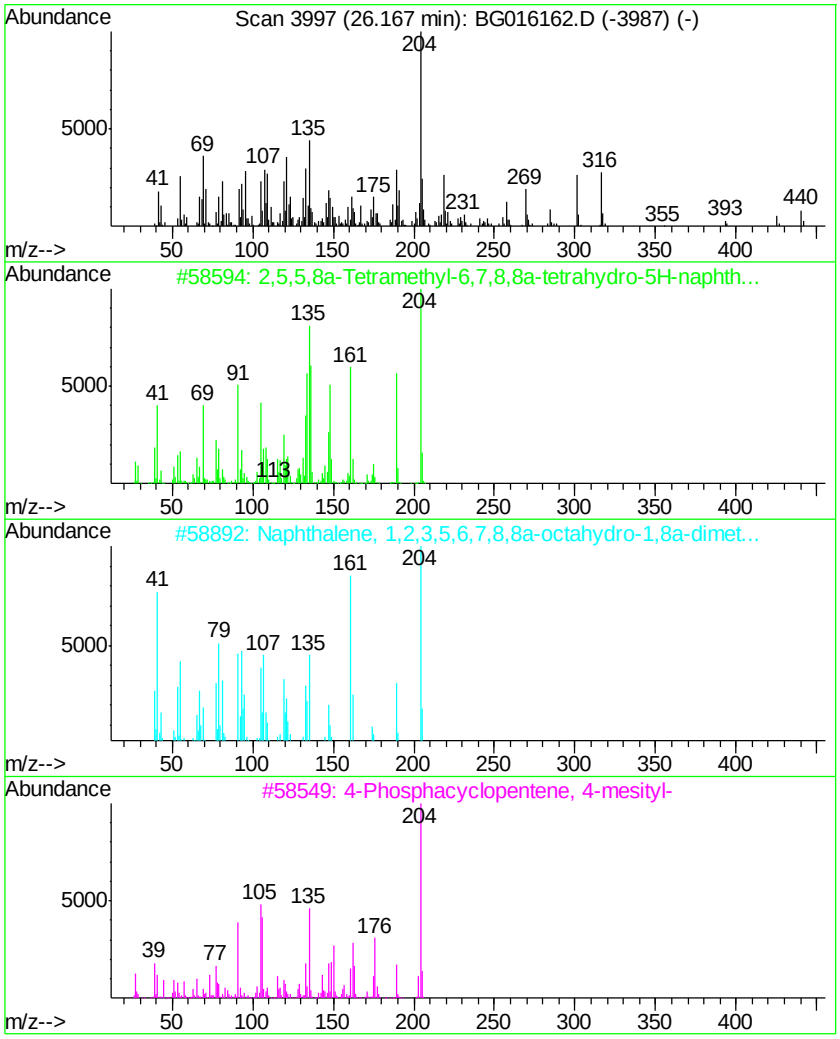
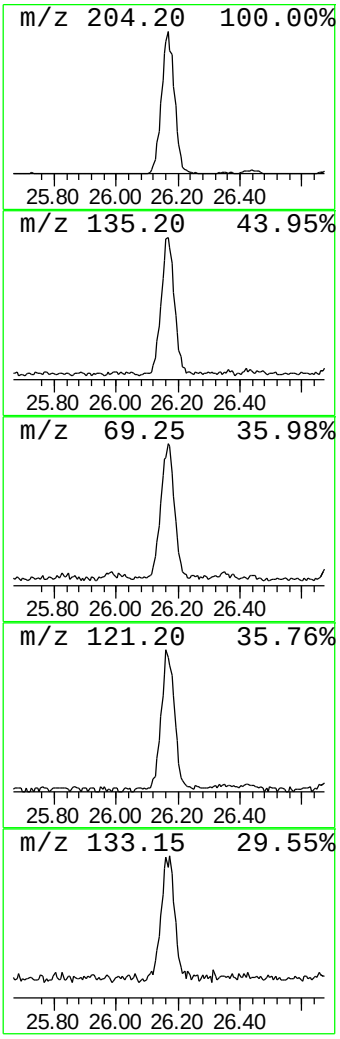
Peak Number 12 unknown26.17 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.17	17.90 ng	792416	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	49
2	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	47
3	4-Phosphacyclopentene, 4-mesityl-	204	C13H17P	214605-01-3	46
4	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	41
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	27





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Instrument : BNA_G
ClientSampleId : FD8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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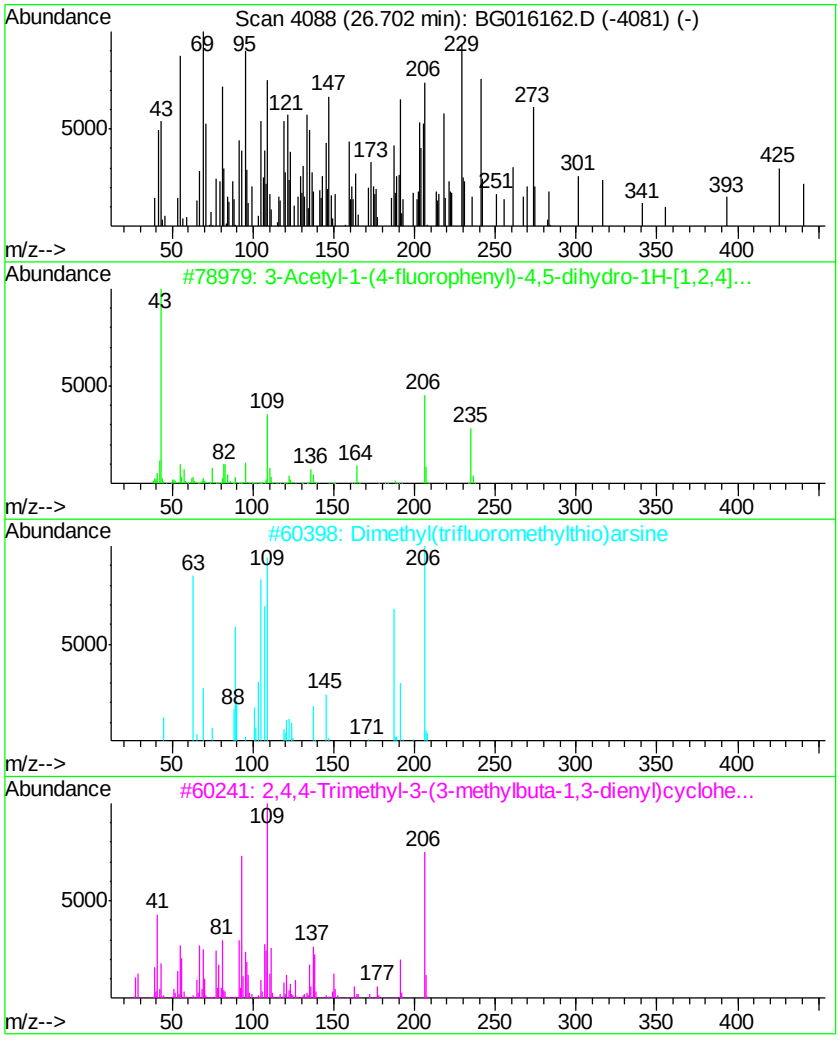
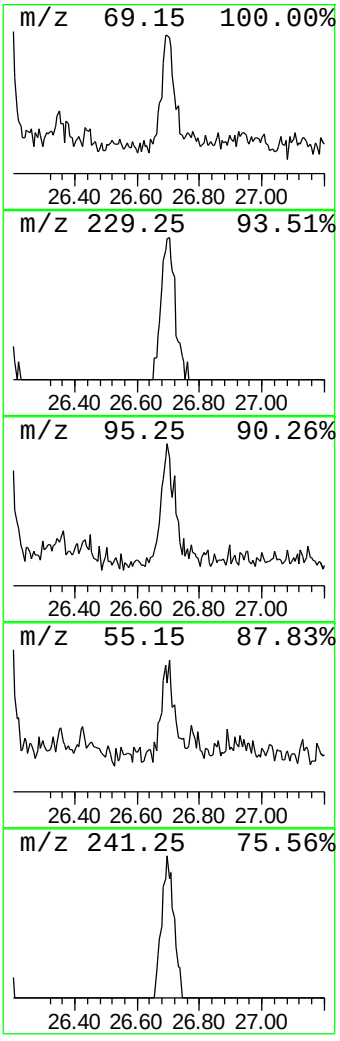
Peak Number 13 unknown26.70 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.70	2.22 ng	98367	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Acetyl-1-(4-fluorophenyl)-4,5-...	235	C11H10FN3O2	1000209-98-9	22
2	Dimethyl(trifluoromethylthio)arsine	206	C3H6AsF3S	001959-80-4	14
3	2,4,4-Trimethyl-3-(3-methylbuta-...	206	C14H22O	097452-05-6	14
4	6,10-Dodecadien-3-ol, 3,7,11-tri...	224	C15H28O	003625-49-8	12
5	1-Phenanthrenecarboxylic acid, 7...	316	C21H32O2	001686-62-0	11





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Operator : TP/IZ
Sample : G1653-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FD8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.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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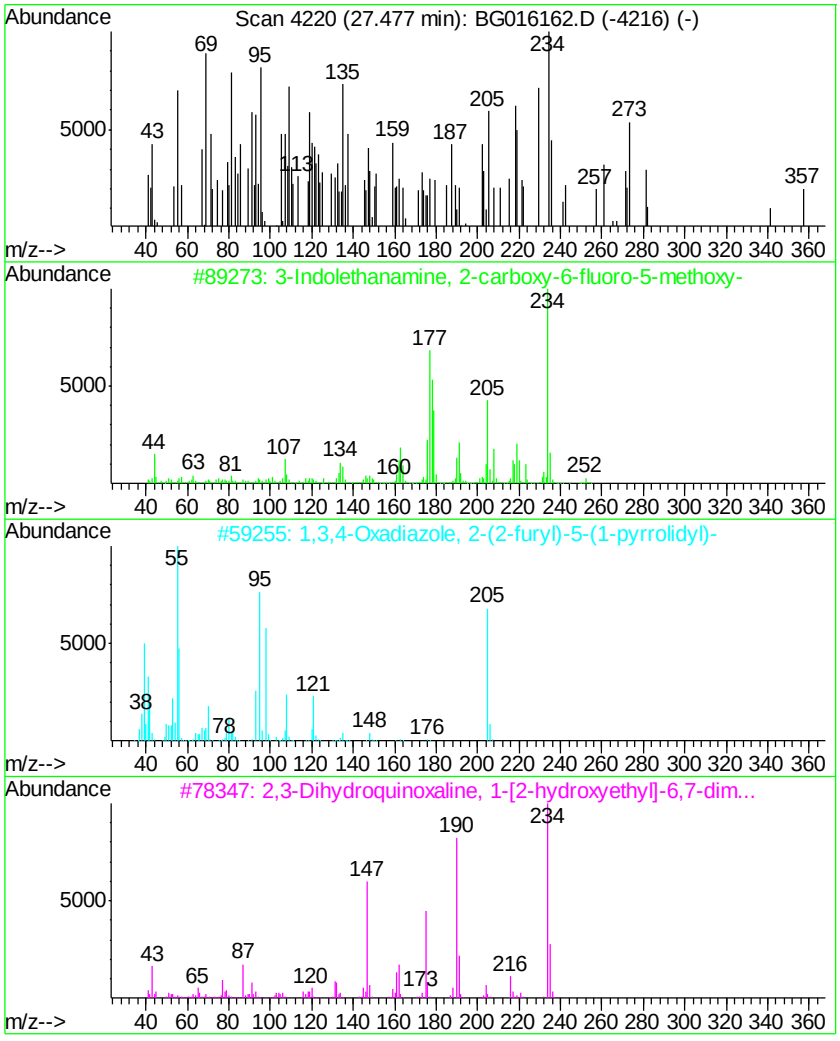
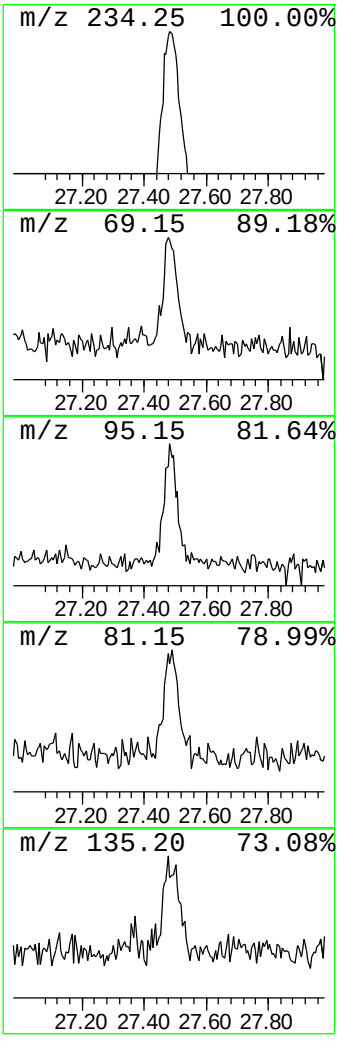
Peak Number 14 unknown27.48 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.48	2.36 ng	104583	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Indolethanamine, 2-carboxy-6-f...	252	C12H13FN2O3	062106-04-1	22
2	1,3,4-Oxadiazole, 2-(2-furyl)-5-...	205	C10H11N3O2	284674-14-2	14
3	2,3-Dihydroquinoxaline, 1-[2-hyd...	234	C12H14N2O3	1000127-85-4	11
4	Benzoic acid, 2-hydroximinoacety...	208	C9H8N2O4	006579-46-0	11
5	5-Acetyl-2-methylpyridine thiose...	208	C9H12N4S	219865-93-7	11





Tentatively Identified Compound (LSC) summary

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Operator : TP/IZ
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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FD8

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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
unknown2.79	2.79	57.9	ng	833569	1	7.79	287806	20.0
Butane, 2-methoxy...	3.00	5.2	ng	74942	1	7.79	287806	20.0
unknown4.92	4.92	8.9	ng	127976	1	7.79	287806	20.0
unknown7.32	7.32	84.8	ng	1219710	1	7.79	287806	20.0
2-Propanol, 1-(2-...	7.38	2.4	ng	34448	1	7.79	287806	20.0
Butanoic acid, 2-...	7.57	5.0	ng	71366	1	7.79	287806	20.0
n-Hexadecanoic acid	18.04	3.6	ng	141484	4	17.15	793707	20.0
Phenol, 4,4'-(1-m...	19.58	2.9	ng	132059	5	21.32	915498	20.0
5-Eicosene, (E)-	21.03	6.7	ng	304989	5	21.32	915498	20.0
unknown26.17	26.17	17.9	ng	792416	6	23.61	885200	20.0
unknown26.70	26.70	2.2	ng	98367	6	23.61	885200	20.0
unknown27.48	27.48	2.4	ng	104583	6	23.61	885200	20.0