LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020096.D
Acq On : 11 Dec 2015 5:25
Operator : UM/SJ
Sample : G4729-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-49

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-BG120215.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	3.137	43	51	60	rBV2	24649	52239	2.67%	0.548%
2	3.214	60	64	70	rVB	21882	29104	1.49%	0.305%
3	5.182	392	399	407	rBV	43358	64977	3.33%	0.681%
4	5.658	473	480	488	rVB	190452	309483	15.84%	3.245%
5	6.316	588	592	601	rVB2	15410	25239	1.29%	0.265%
6	7.256	744	752	761	rBV	132339	223454	11.44%	2.343%
7	7.638	809	817	827	rBV	361929	625574	32.02%	6.559%
8	8.108	891	897	903	rVB	71232	116470	5.96%	1.221%
9	8.437	946	953	961	rBV	316398	552604	28.28%	5.794%
10	8.836	1012	1021	1029	rBV4	30132	75772	3.88%	0.794%
11	9.277	1088	1096	1106	rVB	294273	535347	27.40%	5.613%
12	9.524	1119	1138	1149	rBV2	55090	185494	9.49%	1.945%
13	9.653	1151	1160	1168	rBV2	27435	53918	2.76%	0.565%
14	9.741	1168	1175	1182	rVV3	29956	50306	2.57%	0.527%
15	10.317	1268	1273	1278	rVB3	12166	20372	1.04%	0.214%
16	10.928	1370	1377	1383	rBV	103687	191006	9.78%	2.003%
17	11.574	1480	1487	1492	rBV2	16373	31787	1.63%	0.333%
18	11.874	1532	1538	1543	rBV6	13630	27811	1.42%	0.292%
19	11.927	1543	1547	1554	rVB3	10812	20833	1.07%	0.218%
20	13.366	1782	1792	1798	rBV	792891	1255859	64.28%	13.168%
21	14.183	1926	1931	1939	rVB2	13947	23557	1.21%	0.247%
22	14.735	2019	2025	2034	rVB3	166780	284806	14.58%	2.986%
23	14.824	2034	2040	2045	rBV	16469	29007	1.48%	0.304%
24	15.000	2065	2070	2074	rBV2	18002	26896	1.38%	0.282%
25	15.429	2136	2143	2147	rBV2	15974	30053	1.54%	0.315%
26	16.222	2269	2278	2289	rBV	687989	1049686	53.73%	11.006%
27	16.310	2289	2293	2297	rVV	15533	24147	1.24%	0.253%
28	16.398	2304	2308	2315	rBV4	23586	43869	2.25%	0.460%
29	17.268	2451	2456	2463	rVB	34987	50911	2.61%	0.534%
30	17.479	2486	2492	2500	rVB	226718	346867	17.75%	3.637%
31	17.714	2528	2532	2540	rBV2	34727	57160	2.93%	0.599%
32	18.349	2635	2640	2648	rBV3	50411	80480	4.12%	0.844%
33	18.713	2695	2702	2707	rBV9	8393	21211	1.09%	0.222%
34	19.618	2851	2856	2862	rBV	58757	80554	4.12%	0.845%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020096.D
Acq On : 11 Dec 2015 5:25
Operator : UM/SJ
Sample : G4729-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-49

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-BG120215.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.759	2876	2880	2887	rVB3	16609	30491	1.56%	0.320%
36	19.894	2899	2903	2910	rVB4	12974	23621	1.21%	0.248%
37	20.082	2928	2935	2945	rBV	1489648	1953754	100.00%	20.485%
38	20.852	3063	3066	3071	rVB2	33610	42811	2.19%	0.449%
39	21.381	3152	3156	3164	rVB7	14716	26836	1.37%	0.281%
40	21.751	3213	3219	3226	rVB	279540	450623	23.06%	4.725%
41	25.029	3766	3777	3790	rBV2	146261	412437	21.11%	4.324%

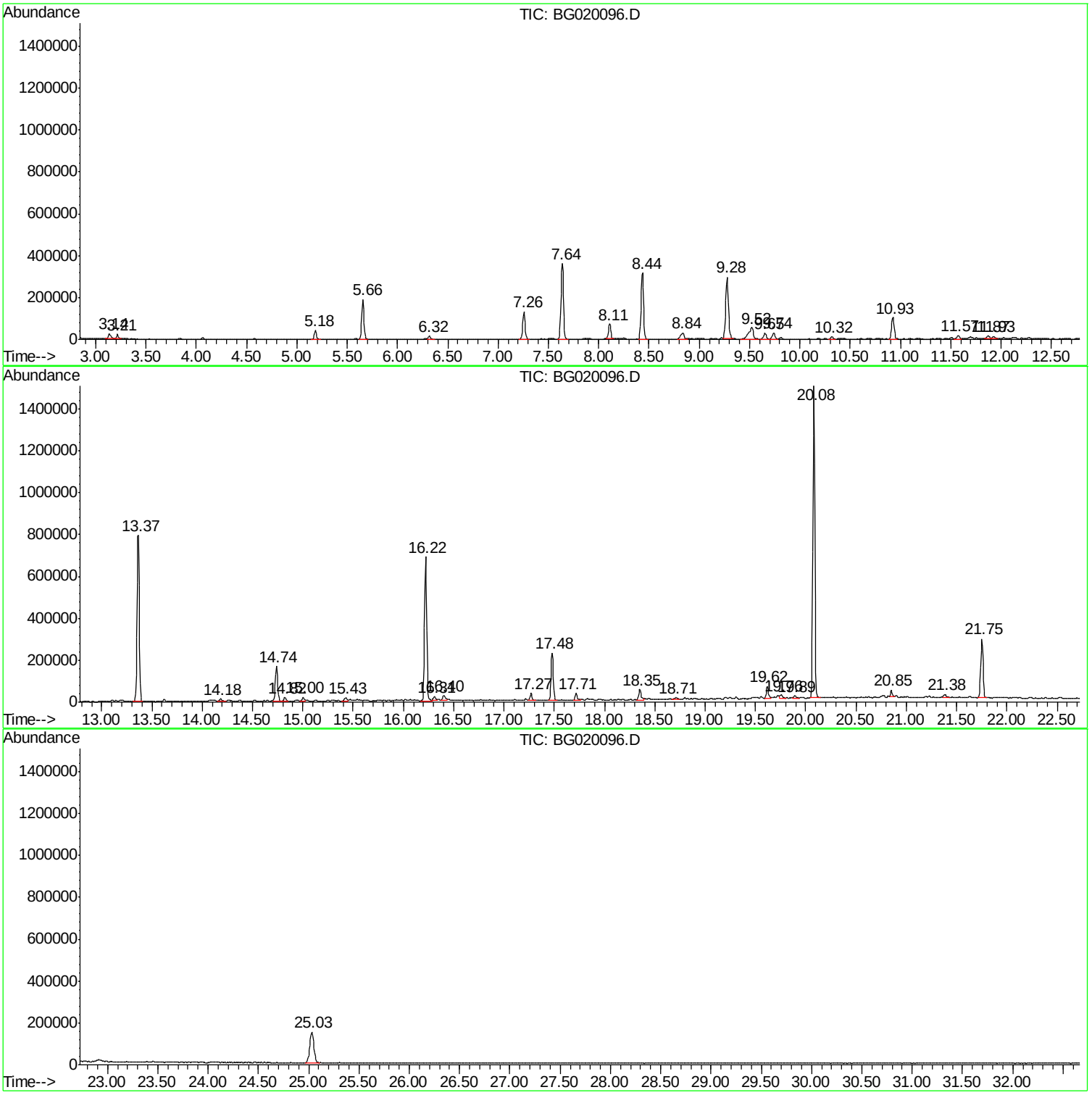
Sum of corrected areas: 9537426

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020096.D
Acq On : 11 Dec 2015 5:25
Operator : UM/SJ
Sample : G4729-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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\BG121115\
Data File : BG020096.D
Acq On : 11 Dec 2015 5:25
Operator : UM/SJ
Sample : G4729-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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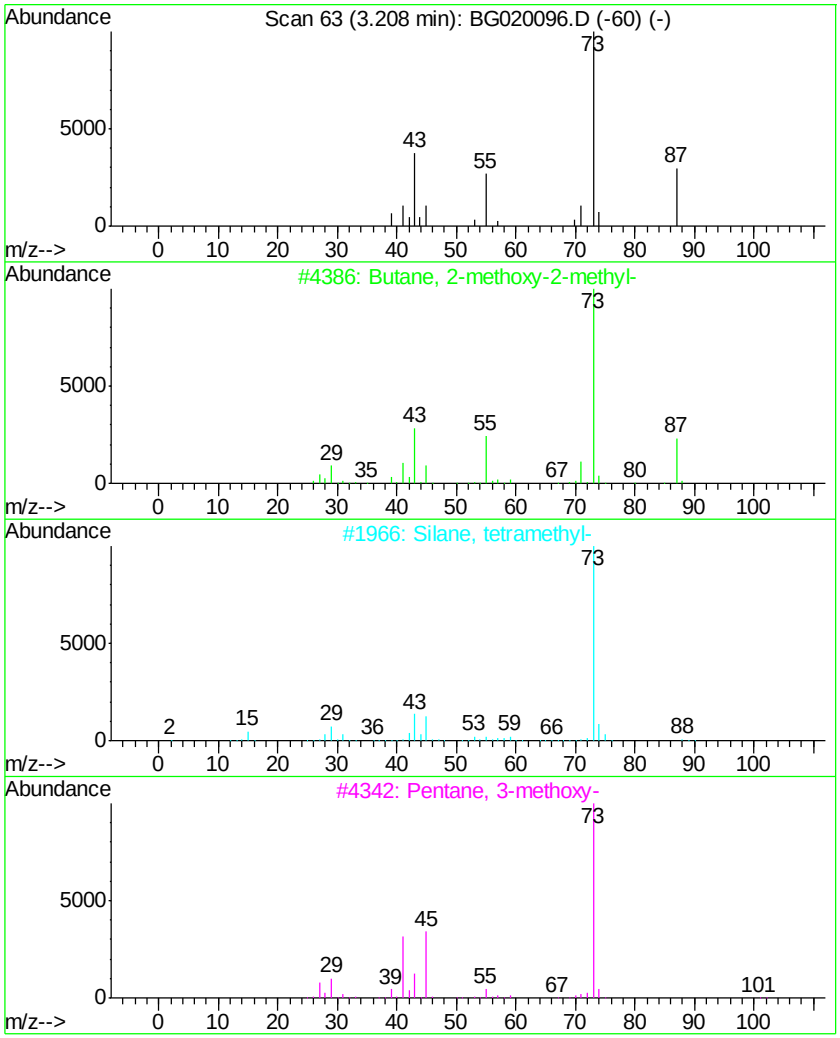
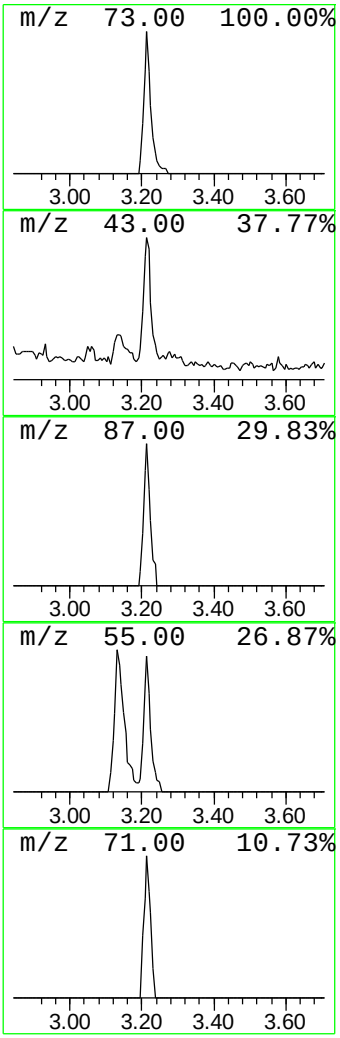
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	5.00 ng	29104	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020096.D
Acq On : 11 Dec 2015 5:25
Operator : UM/SJ
Sample : G4729-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

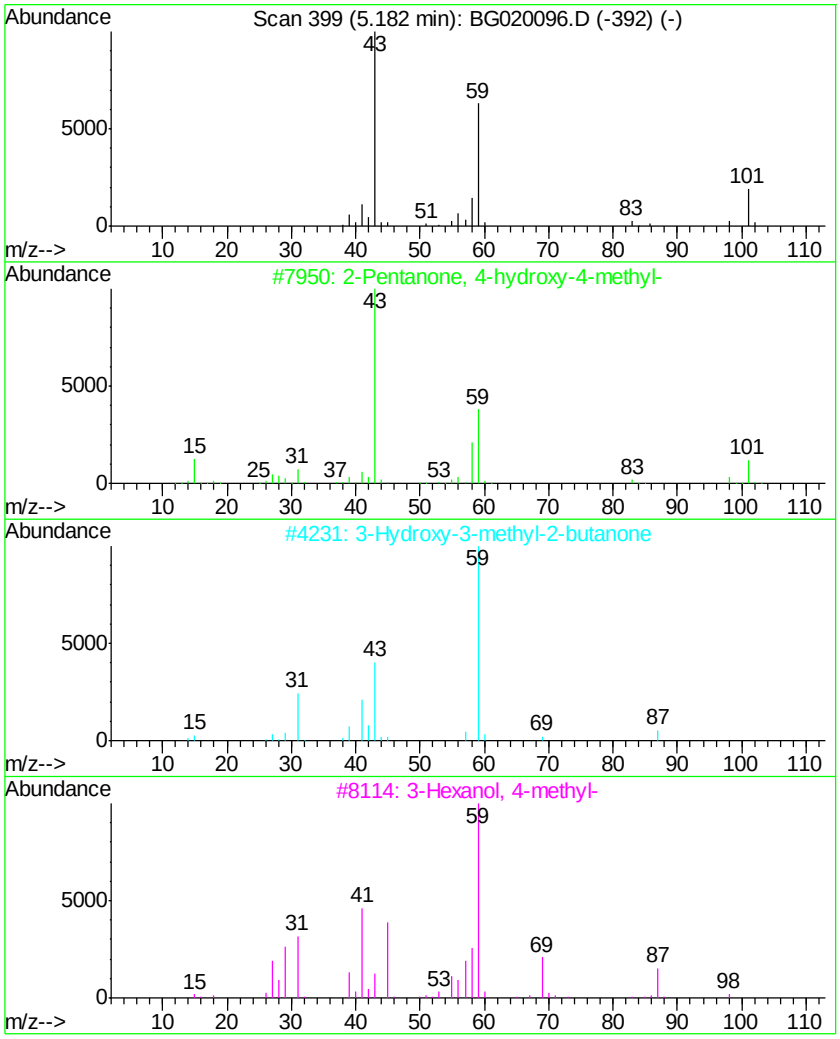
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

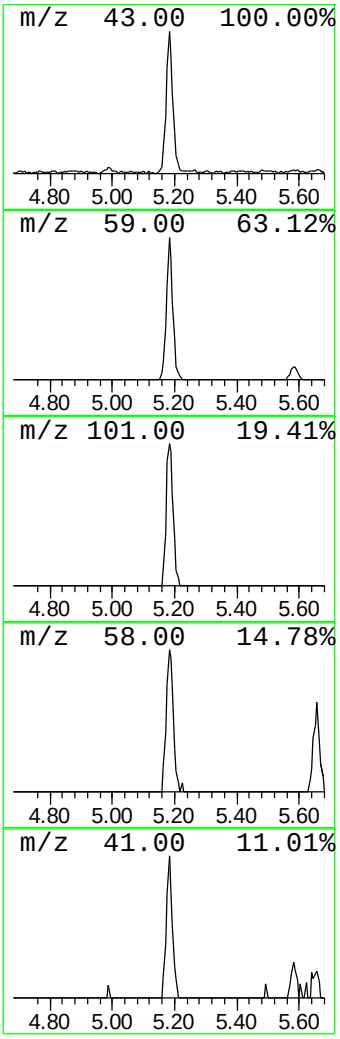
****

Peak Number 3 unknown5.18 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	11.16 ng	64977	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	35
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020096.D
Acq On : 11 Dec 2015 5:25
Operator : UM/SJ
Sample : G4729-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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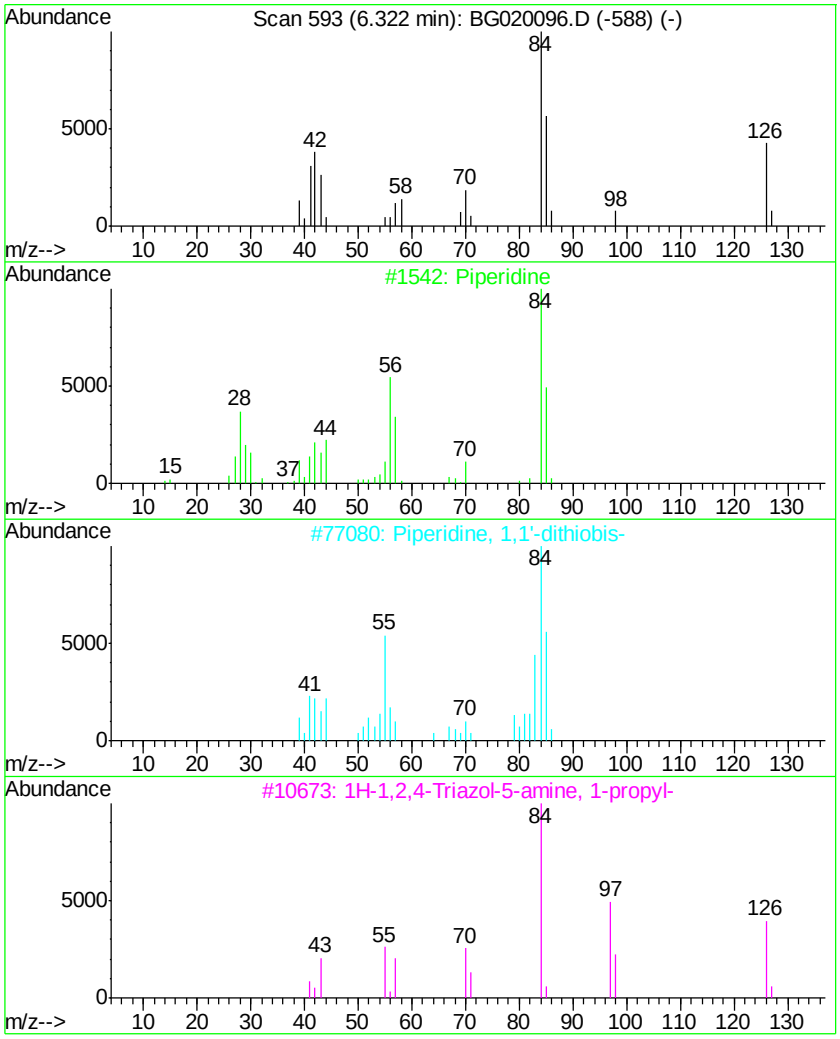
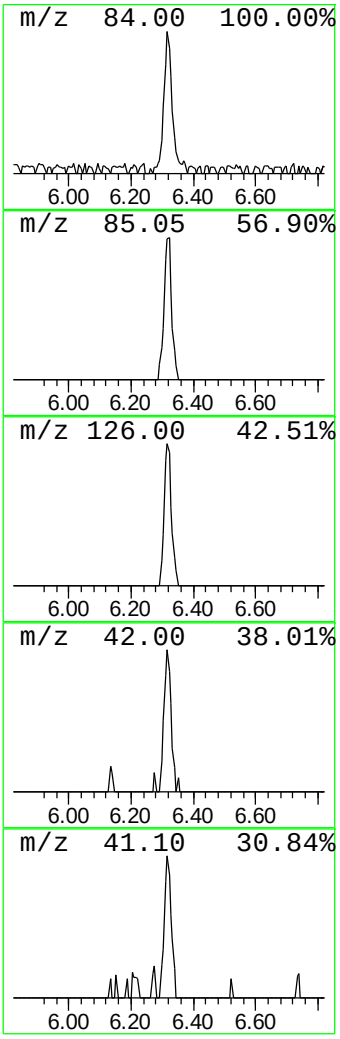
Peak Number 4 unknown6.32 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	4.33 ng	25239	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperidine	85	C5H11N	000110-89-4	49
2	Piperidine, 1,1'-dithiobis-	232	C10H20N2S2	010220-20-9	38
3	1H-1,2,4-Triazol-5-amine, 1-propyl-	126	C5H10N4	058661-96-4	28
4	Aziridine, 2-methyl-3-(1-methyle...	99	C6H13N	010027-95-9	28
5	2-Buten-1-amine, N-butyl-, (Z)-	127	C8H17N	062337-87-5	17





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020096.D
Acq On : 11 Dec 2015 5:25
Operator : UM/SJ
Sample : G4729-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

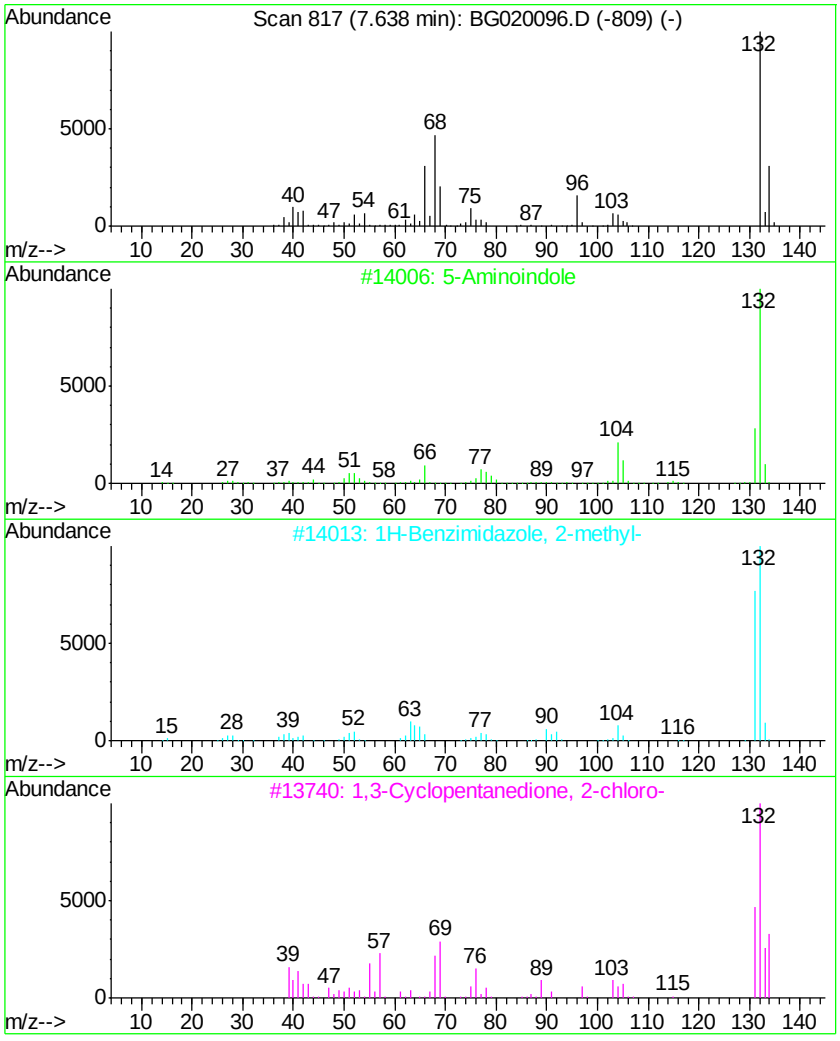
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

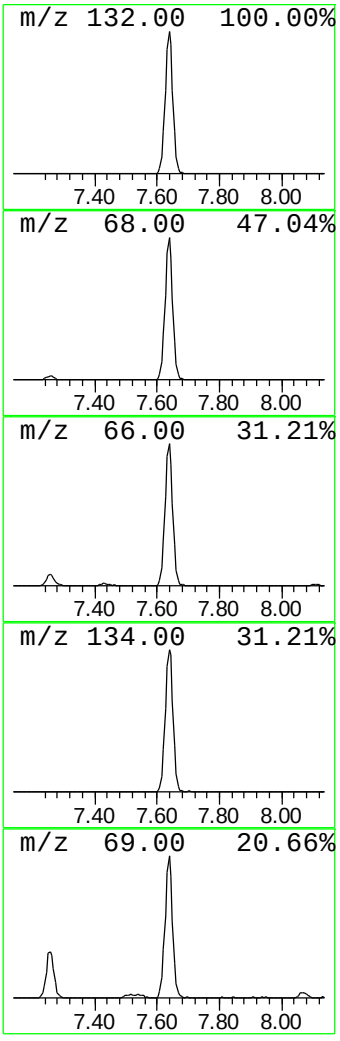
****

Peak Number 5 unknown7.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	107.42 ng	625574	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	22
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020096.D
Acq On : 11 Dec 2015 5:25
Operator : UM/SJ
Sample : G4729-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

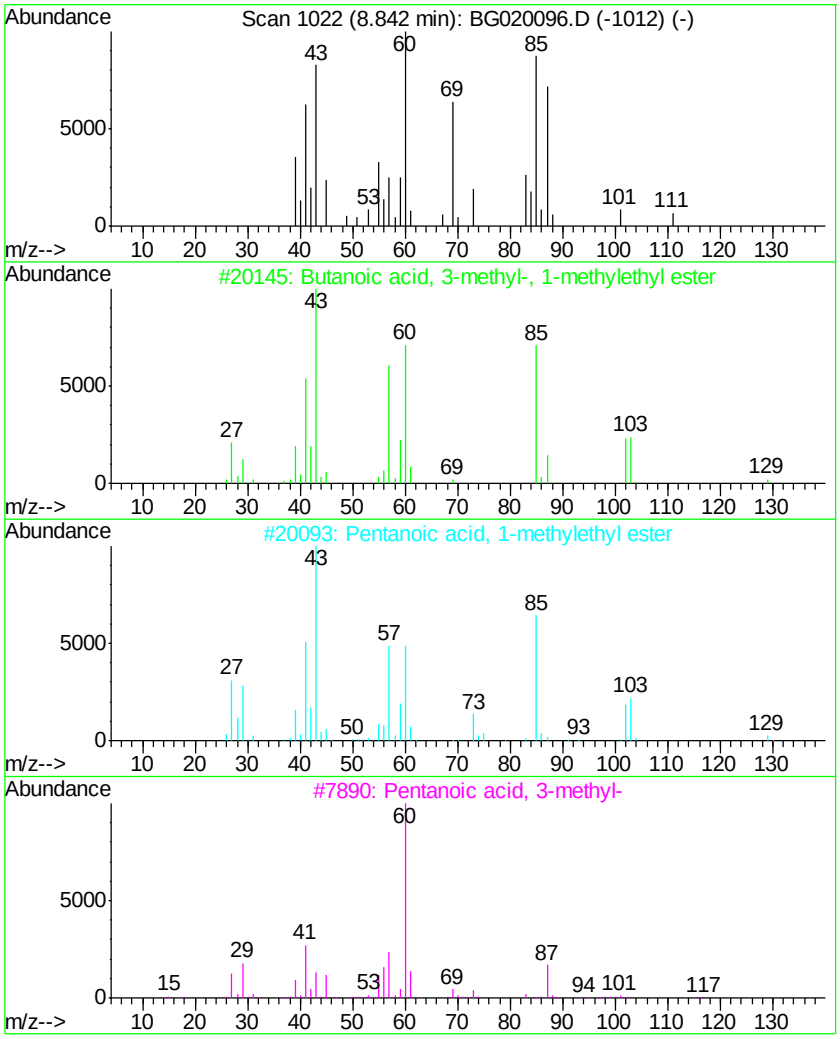
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

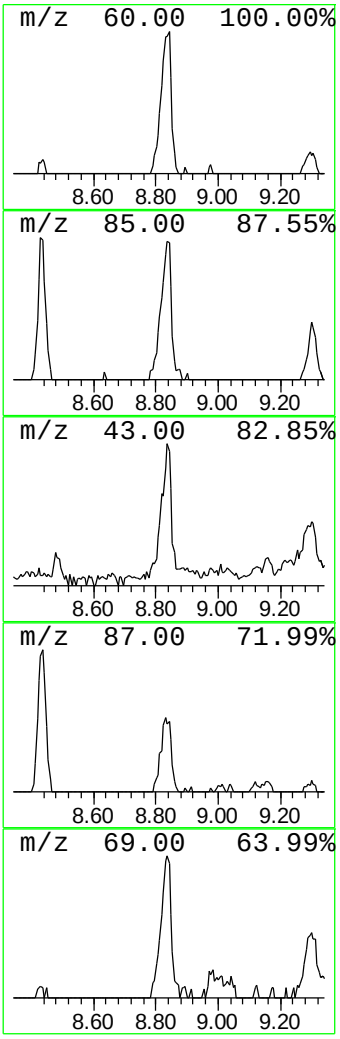
****

Peak Number 7 unknown8.84 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	13.01 ng	75772	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-, 1-meth...	144	C8H16O2	032665-23-9	47
2	Pentanoic acid, 1-methylethyl ester	144	C8H16O2	018362-97-5	43
3	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	38
4	1-Pentanol, 2,2-dimethyl-	116	C7H16O	002370-12-9	22
5	2H-Pyran, tetrahydro-2-(12-penta...	308	C20H36O2	056666-38-7	22





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020096.D
Acq On : 11 Dec 2015 5:25
Operator : UM/SJ
Sample : G4729-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

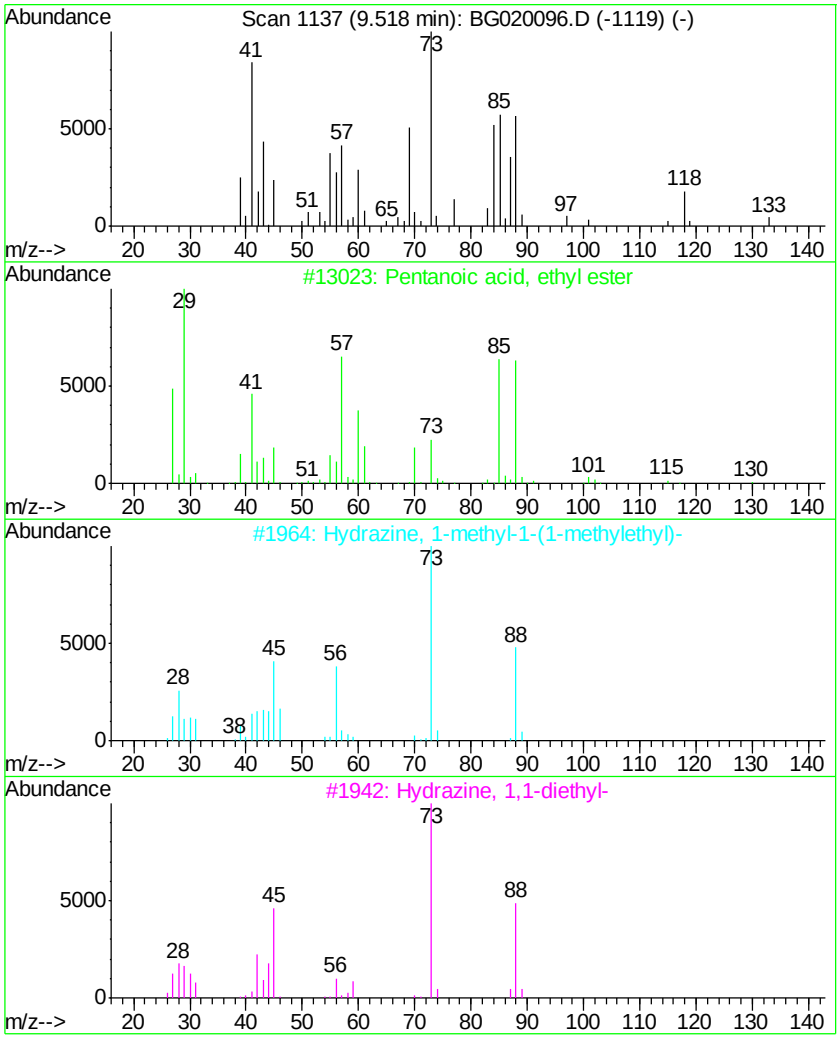
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

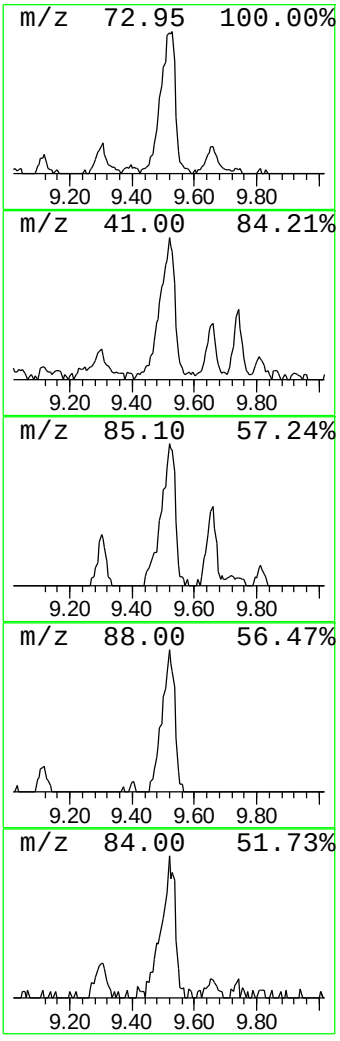
****

Peak Number 8 unknown9.52 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	19.42 ng	185494	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, ethyl ester	130	C7H14O2	000539-82-2	32
2	Hydrazine, 1-methyl-1-(1-methyle...	88	C4H12N2	033668-54-1	27
3	Hydrazine, 1,1-diethyl-	88	C4H12N2	000616-40-0	22
4	N-Nitrosothiazolidine	118	C3H6N2OS	073870-33-4	14
5	Pentane, 2-chloro-2-methyl-	120	C6H13Cl	004325-48-8	14





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020096.D
Acq On : 11 Dec 2015 5:25
Operator : UM/SJ
Sample : G4729-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

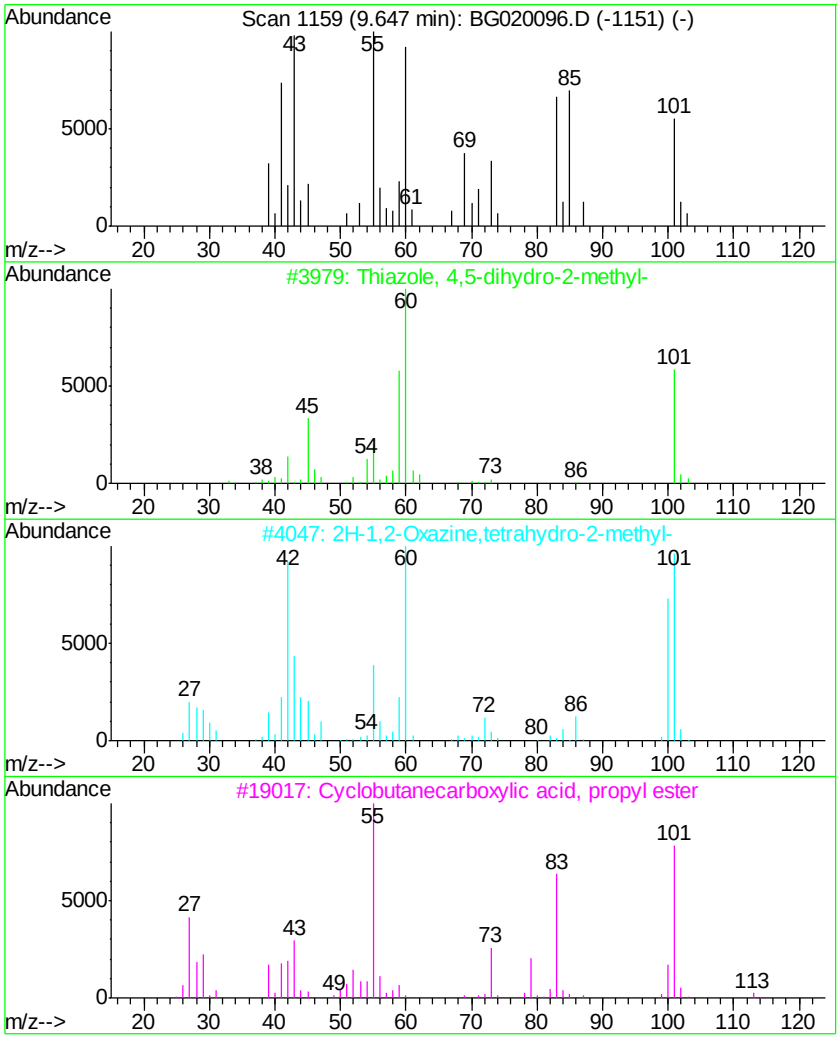
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

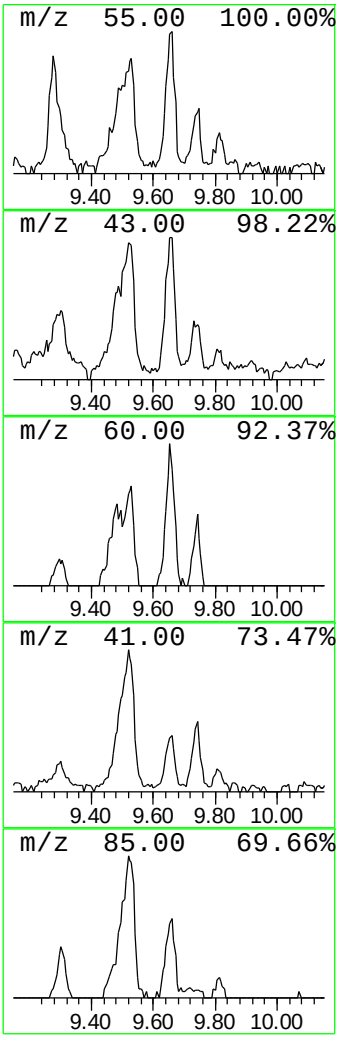
****

Peak Number 9 unknown9.65 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	5.65 ng	53918	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiazole, 4,5-dihydro-2-methyl-	101	C4H7NS	002346-00-1	32
2	2H-1,2-Oxazine,tetrahydro-2-methyl-	101	C5H11NO	022445-43-8	32
3	Cyclobutanecarboxylic acid, prop...	142	C8H14O2	1000280-40-0	25
4	Butanoic acid, 3-methyl-, 1-meth...	144	C8H16O2	032665-23-9	25
5	Pentanoic acid, 1-methylethyl ester	144	C8H16O2	018362-97-5	22





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020096.D
Acq On : 11 Dec 2015 5:25
Operator : UM/SJ
Sample : G4729-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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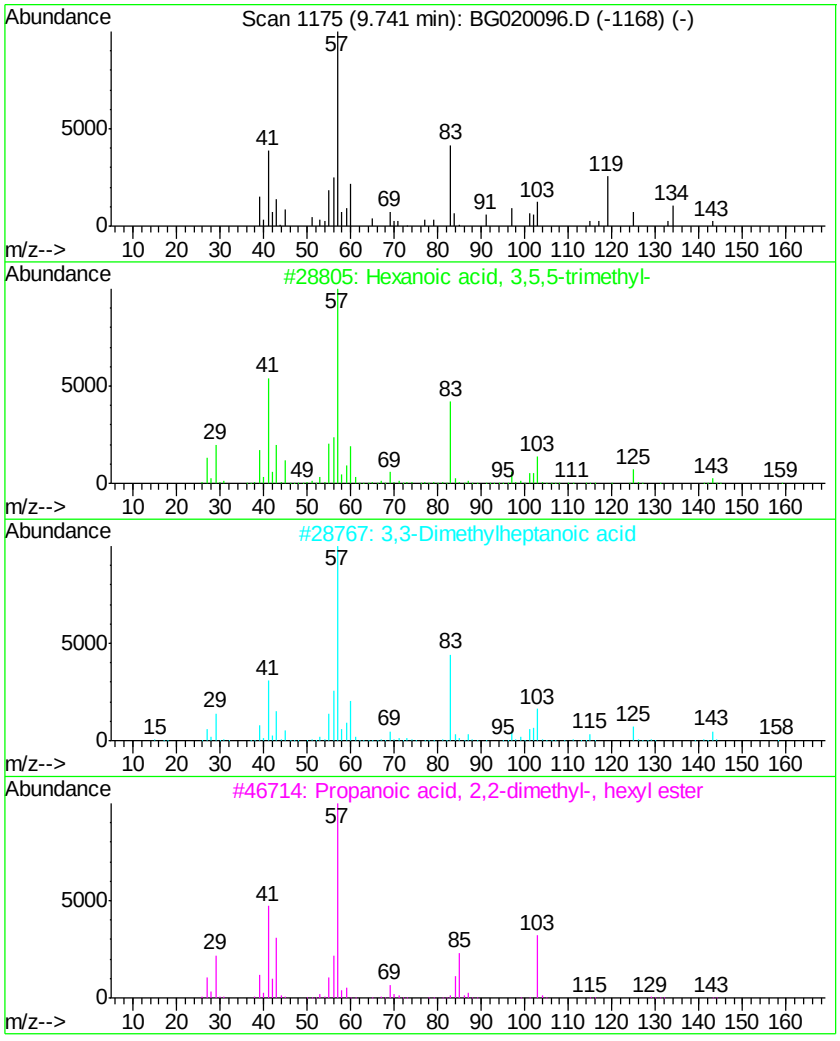
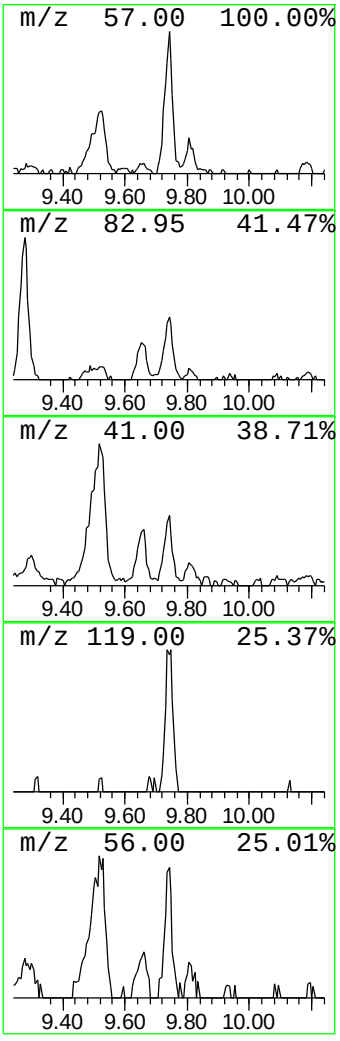
Peak Number 10 Hexanoic acid, 3,5,5-trimet... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	5.27 ng	50306	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	72
2	3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	59
3	Propanoic acid, 2,2-dimethyl-, h...	186	C11H22O2	005434-57-1	14
4	Propanoic acid, 2,2-dimethyl-, m...	116	C6H12O2	000598-98-1	10
5	Butanoic acid, 3,3-dimethyl-	116	C6H12O2	001070-83-3	10





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020096.D
Acq On : 11 Dec 2015 5:25
Operator : UM/SJ
Sample : G4729-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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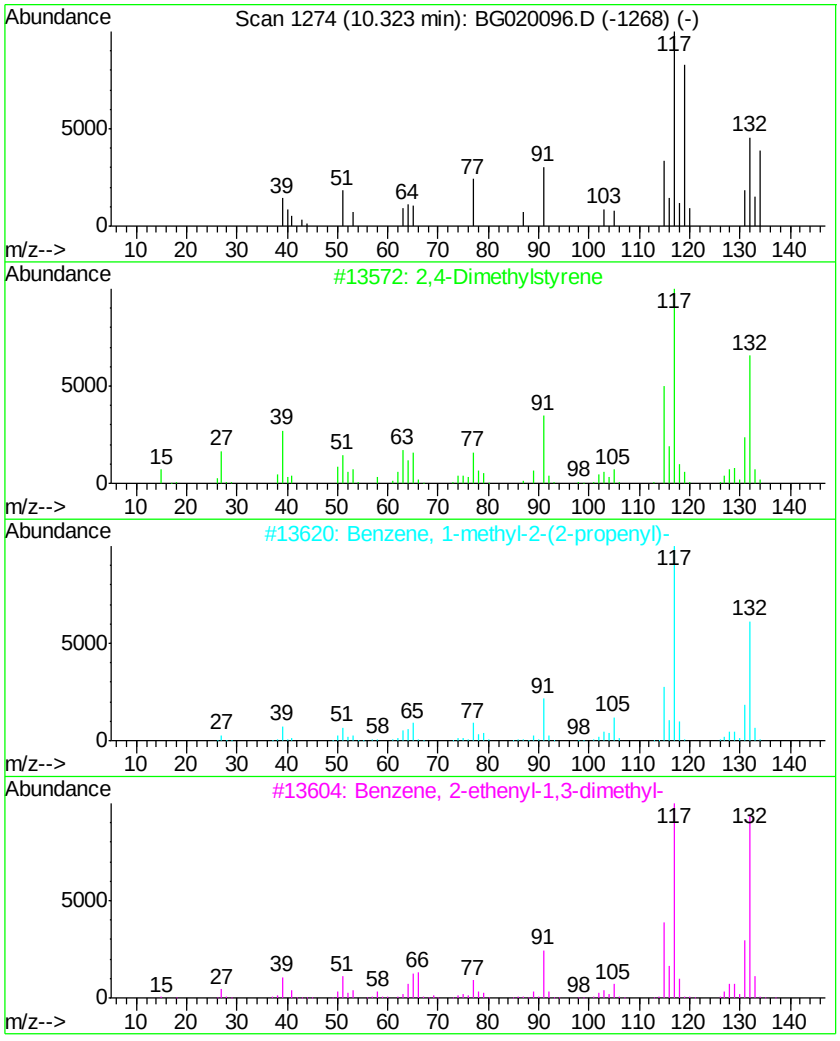
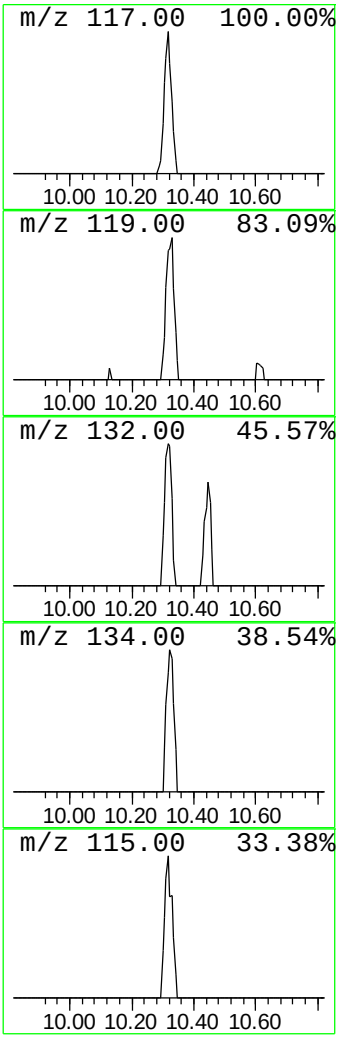
Peak Number 11 2,4-Dimethylstyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	2.13 ng	20372	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	92
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	70





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Data File : BG020096.D
Acq On : 11 Dec 2015 5:25
Operator : UM/SJ
Sample : G4729-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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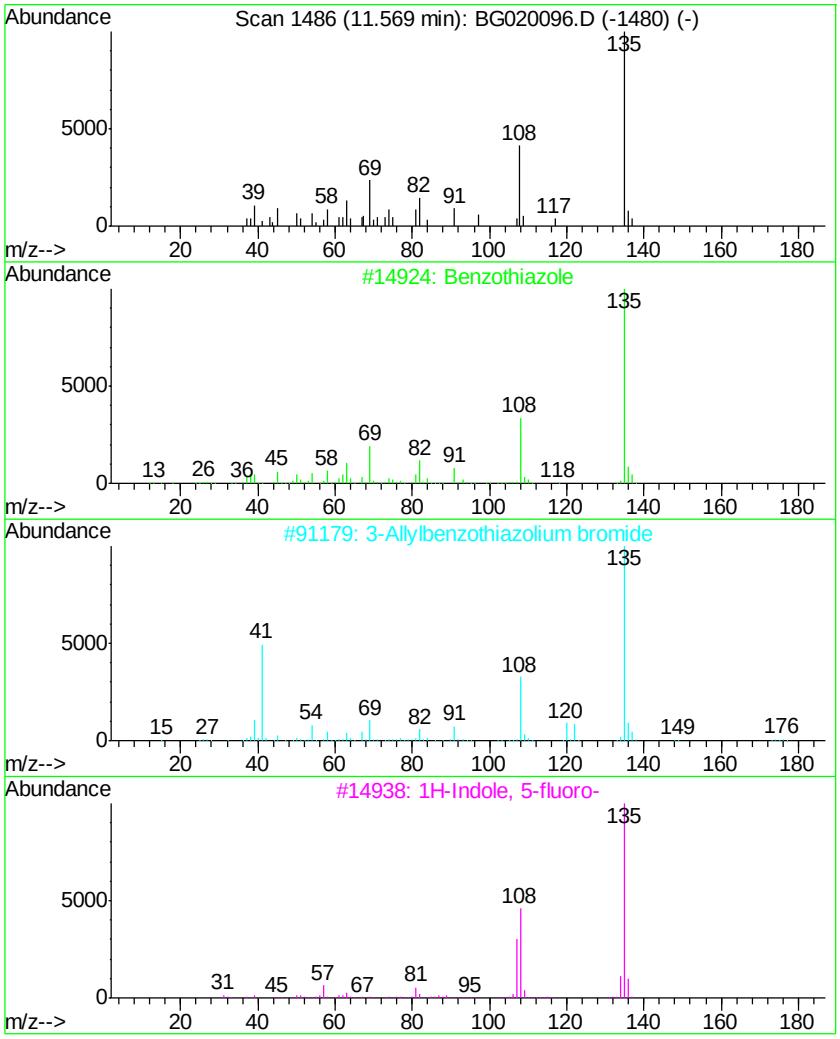
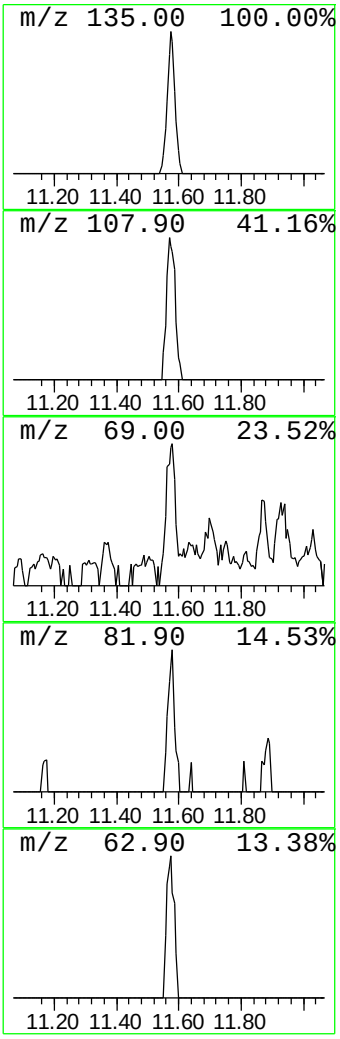
Peak Number 12 Benzothiazole Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	3.33 ng	31787	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzothiazole	135	C7H5NS	000095-16-9	87
2	3-Allylbenzothiazolium bromide	255	C10H10BrNS	016407-55-9	72
3	1H-Indole, 5-fluoro-	135	C8H6FN	000399-52-0	59
4	Adenine	135	C5H5N5	000073-24-5	59
5	1H-Pyrazolo[3,4-d]pyrimidin-4-amine	135	C5H5N5	002380-63-4	59





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Operator : UM/SJ
Sample : G4729-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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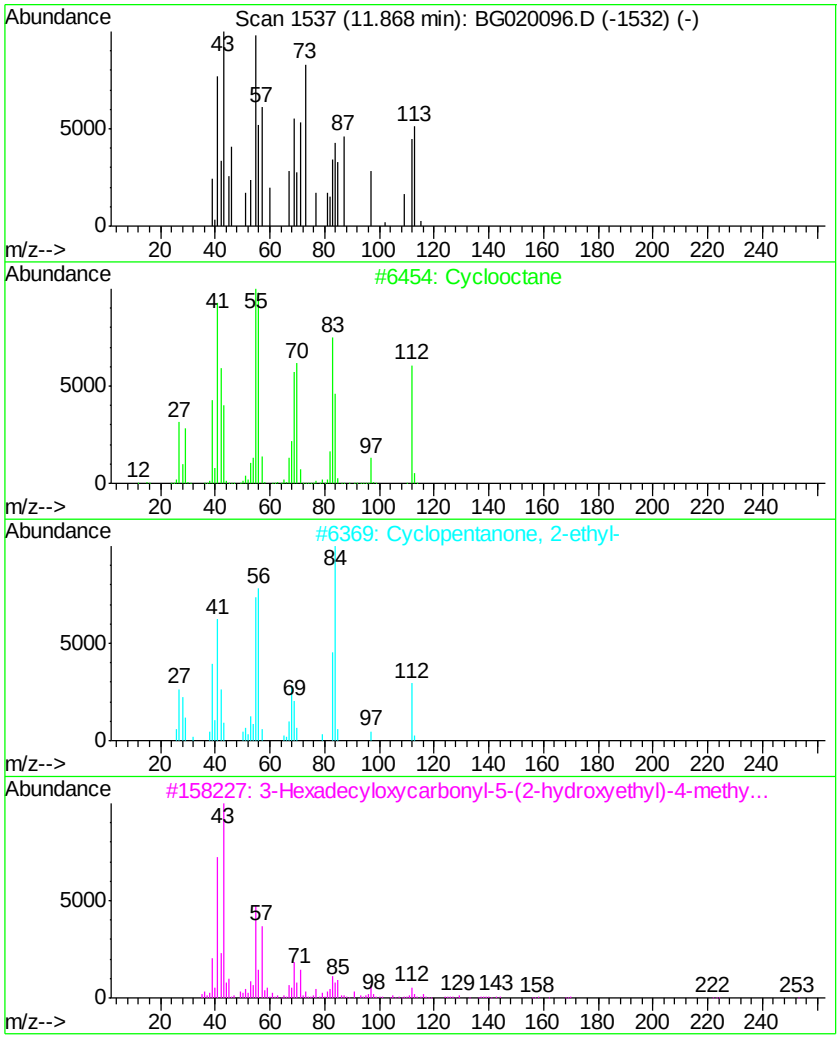
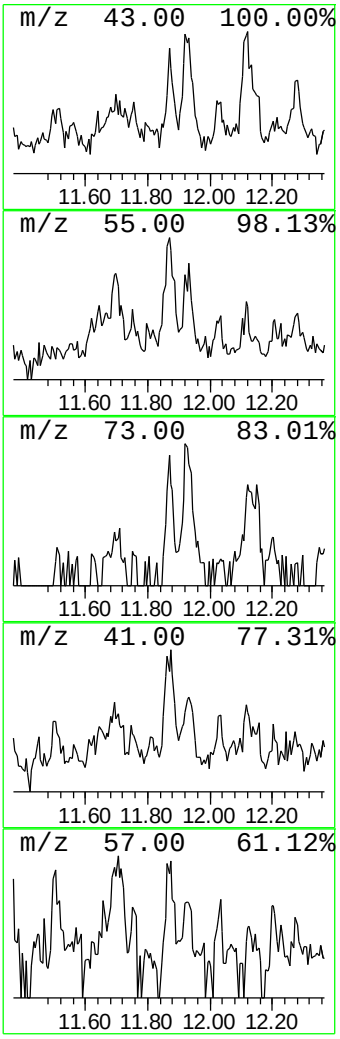
Peak Number 13 unknown11.87 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.91 ng	27811	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane	112	C8H16	000292-64-8	43
2	Cyclopentanone, 2-ethyl-	112	C7H12O	004971-18-0	35
3	3-Hexadecyloxycarbonyl-5-(2-hydr...	409	C24H45N2O3	1000222-82-8	35
4	1-Fluorononane	146	C9H19F	000463-18-3	35
5	Cyclopropane, nonyl-	168	C12H24	074663-85-7	35





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Acq On : 11 Dec 2015 5:25
Operator : UM/SJ
Sample : G4729-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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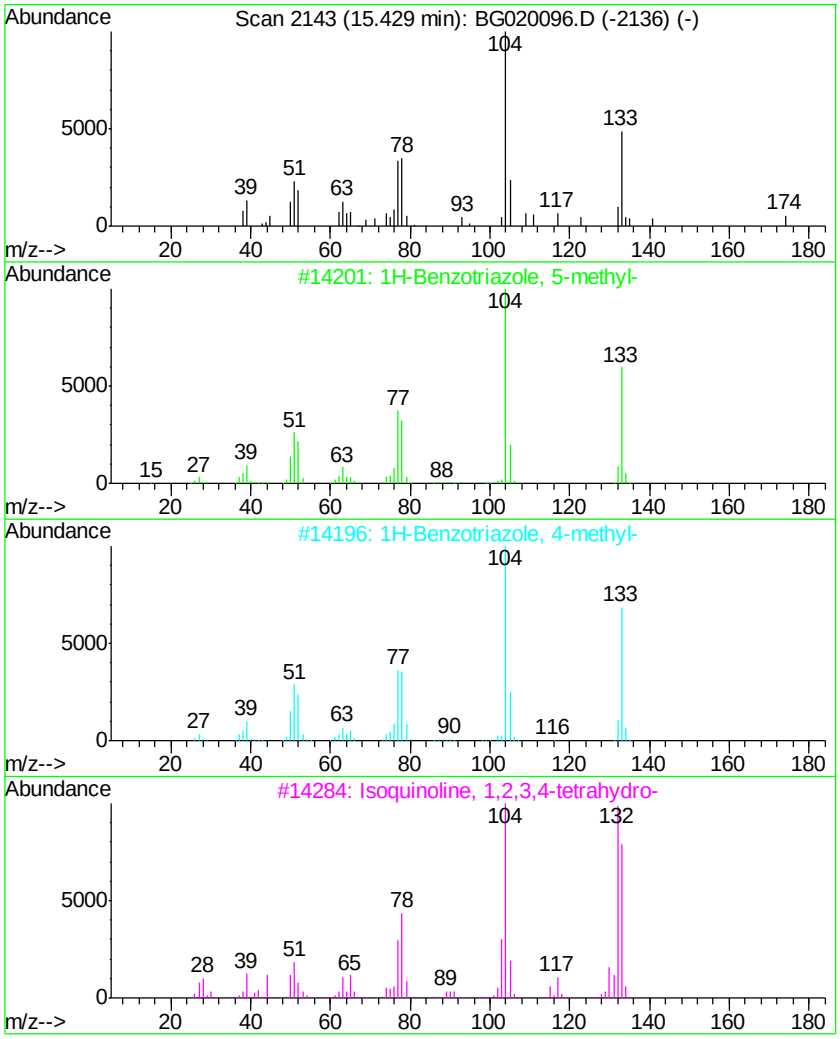
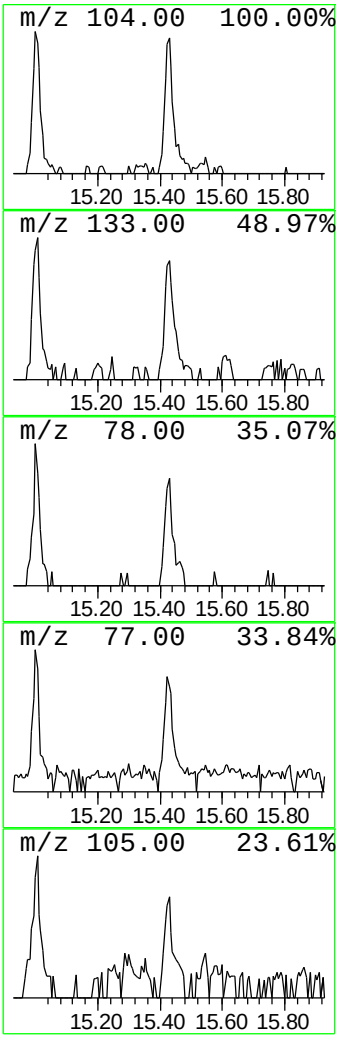
Peak Number 15 1H-Benzotriazole, 5-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	2.11 ng	30053	Acenaphthene-d10	14.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	95
2	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	94
3	Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	64
4	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	52
5	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	50





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Data File : BG020096.D
Acq On : 11 Dec 2015 5:25
Operator : UM/SJ
Sample : G4729-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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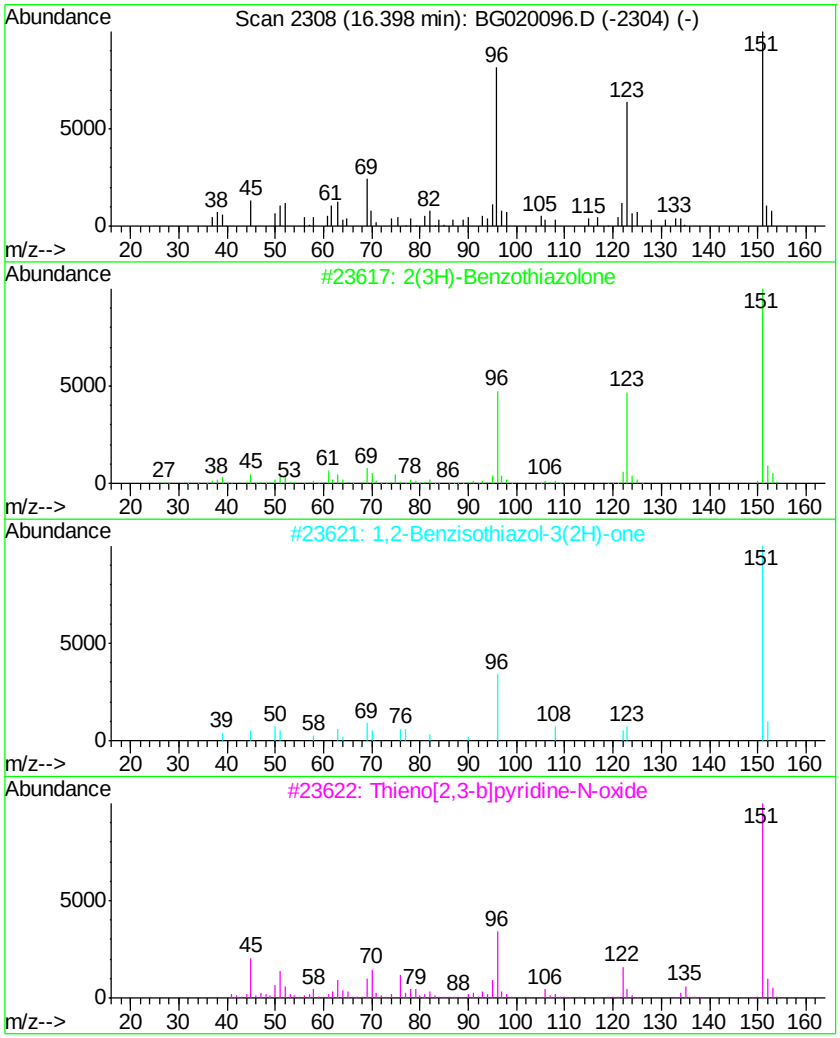
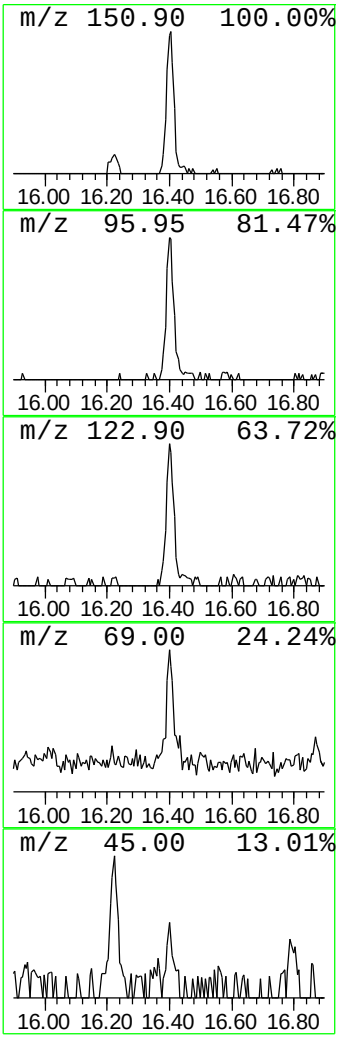
Peak Number 16 2(3H)-Benzothiazolone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	2.53 ng	43869	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	94
2	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	68
3	Thieno[2,3-b]pyridine-N-oxide	151	C7H5NOS	025557-50-0	38
4	4-Methoxyformanilide	151	C8H9NO2	023896-88-0	35
5	2(3H)-Benzoxazolethione	151	C7H5NOS	002382-96-9	27





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Acq On : 11 Dec 2015 5:25
Operator : UM/SJ
Sample : G4729-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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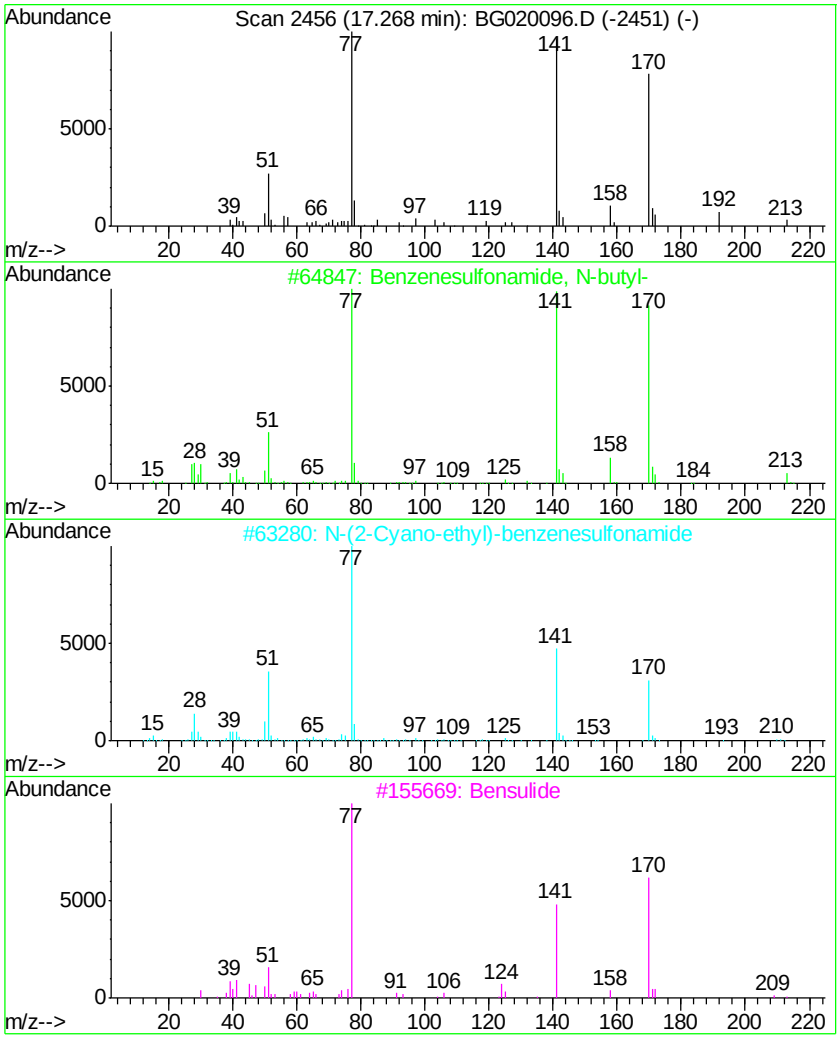
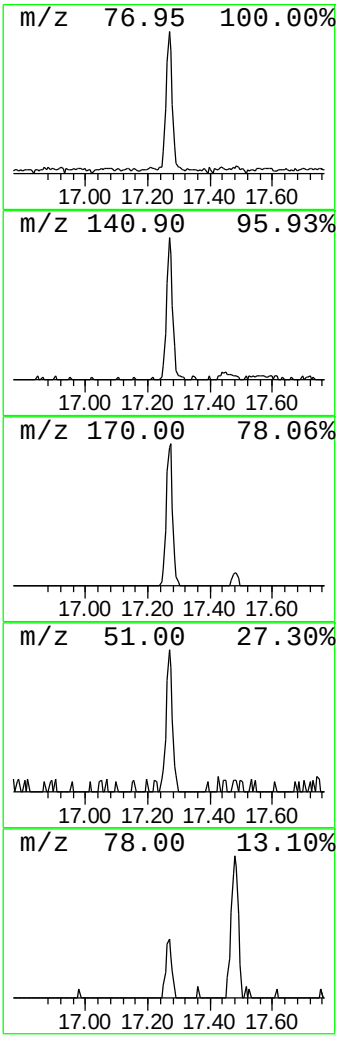
Peak Number 17 Benzenesulfonamide, N-butyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	2.94 ng	50911	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	95
2	N-(2-Cyano-ethyl)-benzenesulfona...	210	C9H10N2O2S	002619-21-8	83
3	Bensulide	397	C14H24NO4PS3	000741-58-2	64
4	Diphenyl ether	170	C12H10O	000101-84-8	56
5	N,N-Dichlorobenzenesulfonamide	225	C6H5Cl2NO2S	000473-29-0	50





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Acq On : 11 Dec 2015 5:25
Operator : UM/SJ
Sample : G4729-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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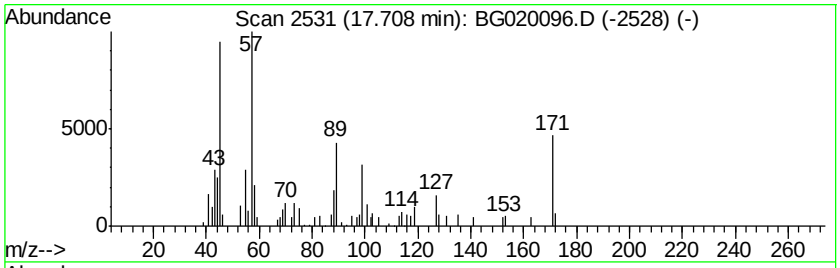
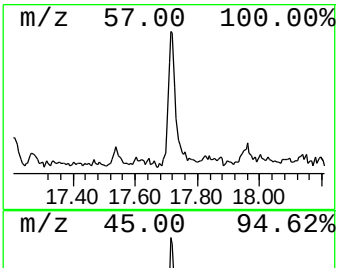
Peak Number 18 unknown17.71 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	3.30 ng	57160	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	38
2	15-Crown-5	220	C10H20O5	033100-27-5	38
3	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	37
4	Germane, trimethyl(3-methyl-1-bu...	186	C8H16Ge	061228-16-8	22
5	Hexagol	282	C12H26O7	002615-15-8	16





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Data File : BG020096.D
Acq On : 11 Dec 2015 5:25
Operator : UM/SJ
Sample : G4729-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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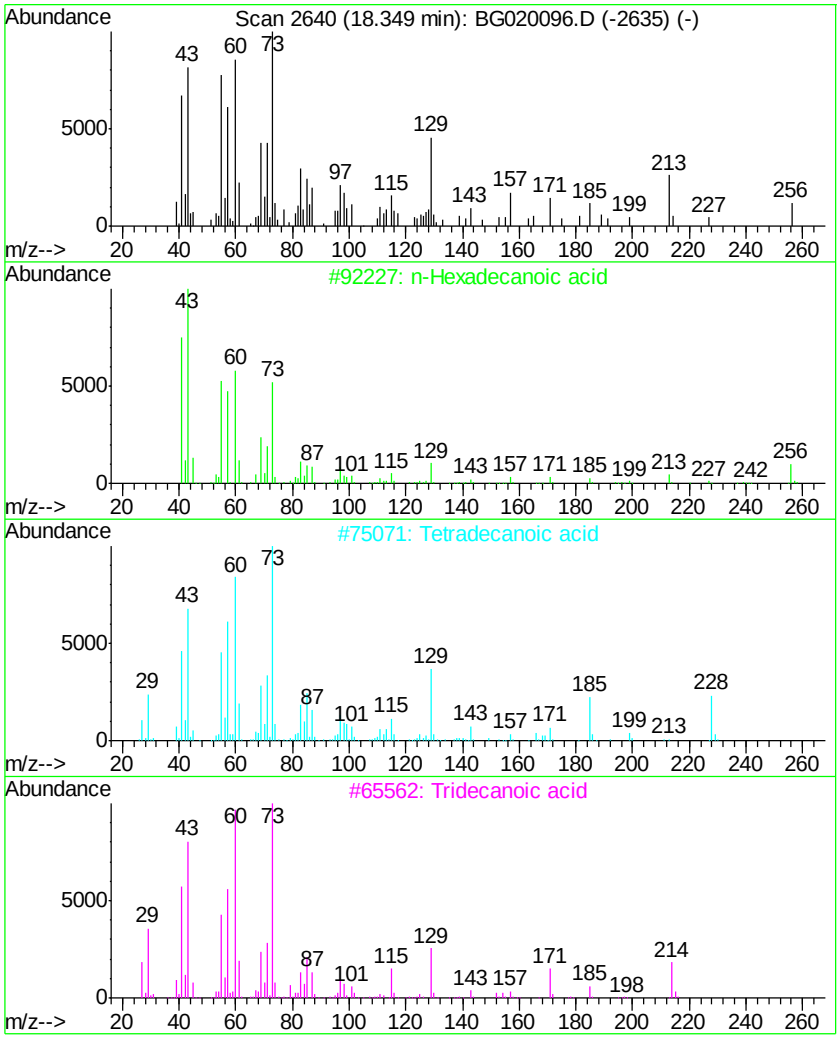
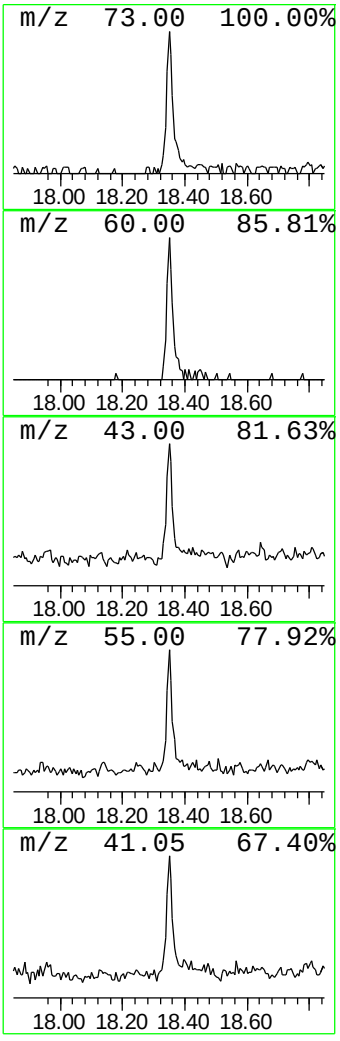
Peak Number 19 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	4.64 ng	80480	Phenanthrene-d10	17.48

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	80
3	Tridecanoic acid	214	C13H26O2	000638-53-9	68
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	46
5	Methyl-.alpha.-d-ribofuranoside	164	C6H12O5	1000129-83-1	35





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Data File : BG020096.D
Acq On : 11 Dec 2015 5:25
Operator : UM/SJ
Sample : G4729-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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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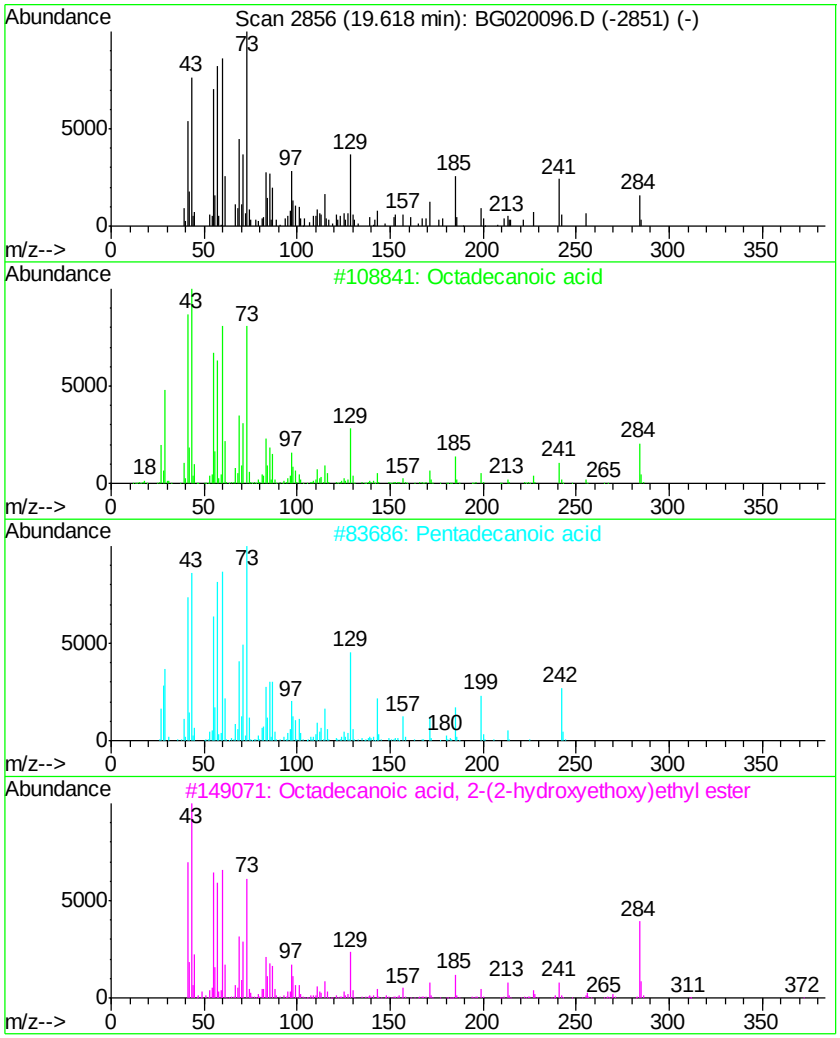
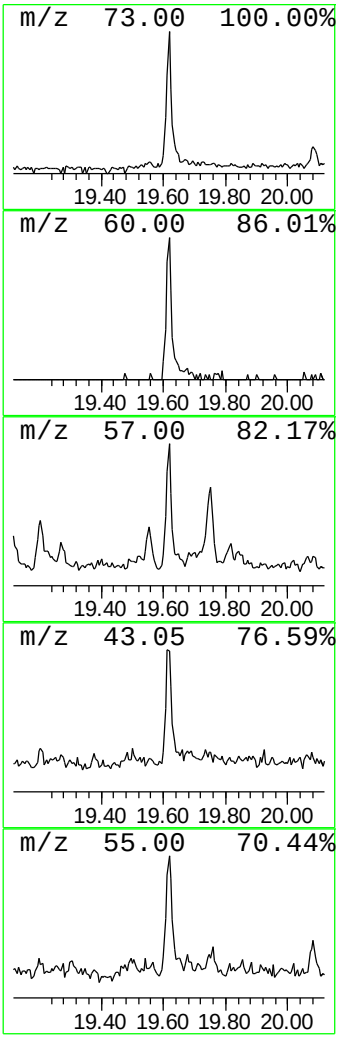
Peak Number 20 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	3.58 ng	80554	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121115\
Data File : BG020096.D
Acq On : 11 Dec 2015 5:25
Operator : UM/SJ
Sample : G4729-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-49

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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...	3.21	5.0	ng	29104	1	8.11	116470	20.0
unknown5.18	5.18	11.2	ng	64977	1	8.11	116470	20.0
unknown6.32	6.32	4.3	ng	25239	1	8.11	116470	20.0
unknown7.64	7.64	107.4	ng	625574	1	8.11	116470	20.0
unknown8.84	8.84	13.0	ng	75772	1	8.11	116470	20.0
unknown9.52	9.52	19.4	ng	185494	2	10.93	191006	20.0
unknown9.65	9.65	5.7	ng	53918	2	10.93	191006	20.0
Hexanoic acid, 3,...	9.74	5.3	ng	50306	2	10.93	191006	20.0
2,4-Dimethylstyrene	10.32	2.1	ng	20372	2	10.93	191006	20.0
Benzothiazole	11.57	3.3	ng	31787	2	10.93	191006	20.0
unknown11.87	11.87	2.9	ng	27811	2	10.93	191006	20.0
1H-Benzotriazole,...	15.43	2.1	ng	30053	3	14.74	284806	20.0
2(3H)-Benzothiazo...	16.40	2.5	ng	43869	4	17.48	346867	20.0
Benzenesulfonamid...	17.27	2.9	ng	50911	4	17.48	346867	20.0
unknown17.71	17.71	3.3	ng	57160	4	17.48	346867	20.0
n-Hexadecanoic acid	18.35	4.6	ng	80480	4	17.48	346867	20.0
Octadecanoic acid	19.62	3.6	ng	80554	5	21.75	450623	20.0