LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062016\
Data File : BG022457.D
Acq On : 21 Jun 2016 1:41
Operator : UM/SJ
Sample : H3679-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-33

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-BG060616.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	5.546	455	461	478	rBV2	110646	222507	15.09%	2.907%
2	6.604	636	641	647	rBV4	10643	19912	1.35%	0.260%
3	7.180	732	739	753	rBV	108103	225427	15.29%	2.945%
4	7.526	789	798	811	rBV	265527	518911	35.20%	6.779%
5	7.985	870	876	884	rBV	58028	111084	7.54%	1.451%
6	8.308	922	931	945	rBV	238505	463660	31.45%	6.057%
7	9.166	1069	1077	1090	rBV	174080	363630	24.67%	4.751%
8	10.811	1348	1357	1368	rBV	92773	196095	13.30%	2.562%
9	11.322	1437	1444	1449	rBV	93533	164514	11.16%	2.149%
10	11.381	1449	1454	1467	rVB	92412	179638	12.19%	2.347%
11	11.604	1485	1492	1497	rBV3	10068	19518	1.32%	0.255%
12	13.255	1763	1773	1785	rBV	690112	1185597	80.43%	15.489%
13	13.707	1845	1850	1855	rBV4	11118	17177	1.17%	0.224%
14	14.636	2001	2008	2017	rBV2	185810	328161	22.26%	4.287%
15	14.959	2057	2063	2076	rBV2	16817	42990	2.92%	0.562%
16	15.094	2080	2086	2093	rVB2	8483	16082	1.09%	0.210%
17	16.128	2255	2262	2272	rBV	434176	729163	49.47%	9.526%
18	16.357	2290	2301	2305	rVB5	13833	35426	2.40%	0.463%
19	16.451	2312	2317	2321	rBV	19054	28900	1.96%	0.378%
20	16.510	2321	2327	2333	rVV3	23778	52179	3.54%	0.682%
21	16.569	2333	2337	2341	rVV2	23145	34397	2.33%	0.449%
22	16.616	2341	2345	2349	rVB3	11973	16650	1.13%	0.218%
23	16.768	2366	2371	2378	rVB3	30971	60431	4.10%	0.789%
24	16.839	2378	2383	2388	rBV	23754	43081	2.92%	0.563%
25	16.915	2392	2396	2401	rVB	17748	25190	1.71%	0.329%
26	17.180	2436	2441	2447	rVB4	10456	17916	1.22%	0.234%
27	17.379	2468	2475	2483	rBV2	227255	380890	25.84%	4.976%
28	17.720	2526	2533	2539	rBV8	9571	19101	1.30%	0.250%
29	17.820	2543	2550	2558	rBV8	7942	22038	1.50%	0.288%
30	19.982	2912	2918	2929	rBV	1041237	1474048	100.00%	19.257%
31	20.746	3045	3048	3054	rVB5	13317	17032	1.16%	0.223%
32	21.639	3194	3200	3210	rBV2	177552	328057	22.26%	4.286%
33	24.841	3735	3745	3757	rBV3	91777	295027	20.01%	3.854%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062016\
Data File : BG022457.D
Acq On : 21 Jun 2016 1:41
Operator : UM/SJ
Sample : H3679-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-33

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-BG060616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 7654429

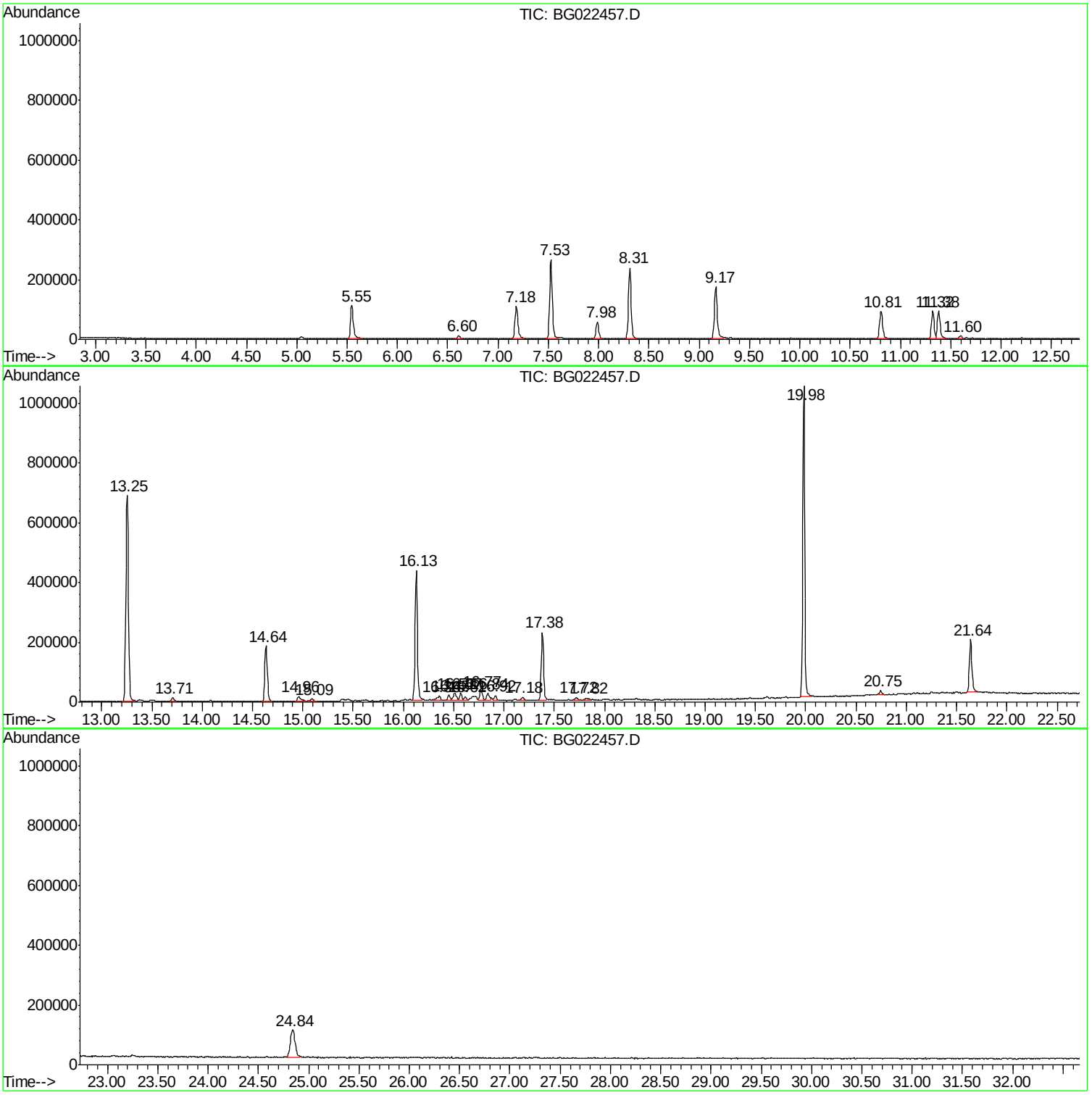
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062016\
Data File : BG022457.D
Acq On : 21 Jun 2016 1:41
Operator : UM/SJ
Sample : H3679-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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\BG062016\
Data File : BG022457.D
Acq On : 21 Jun 2016 1:41
Operator : UM/SJ
Sample : H3679-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

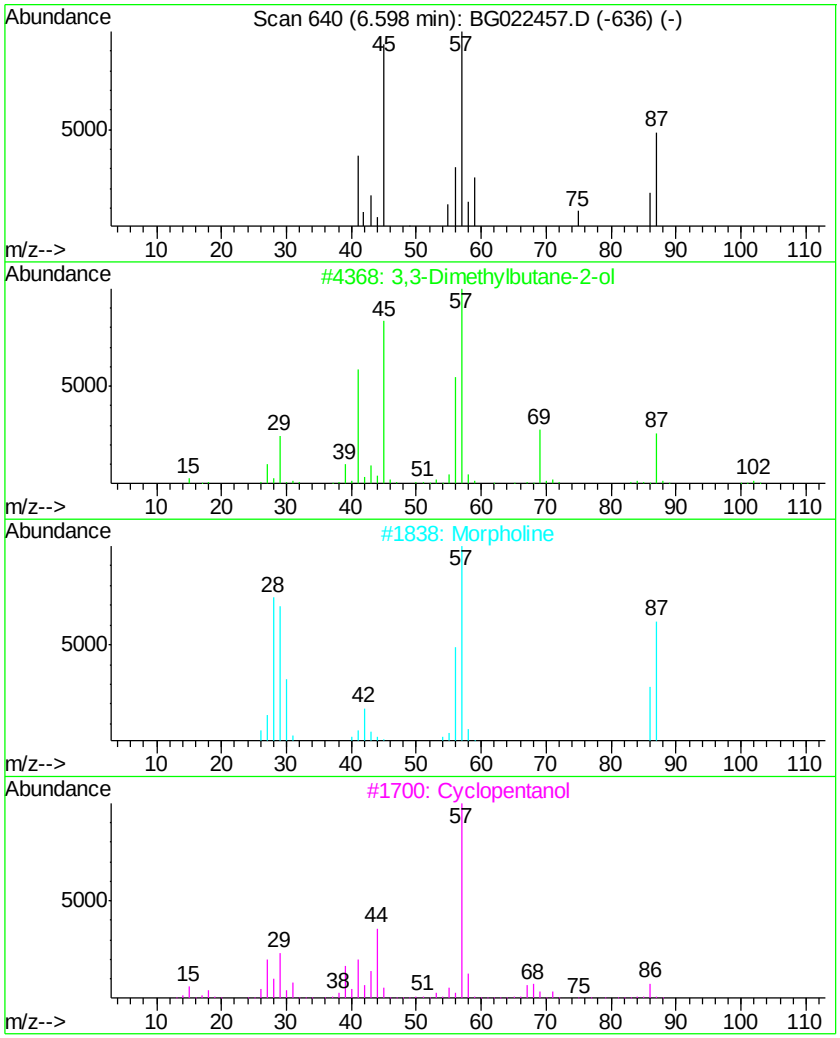
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

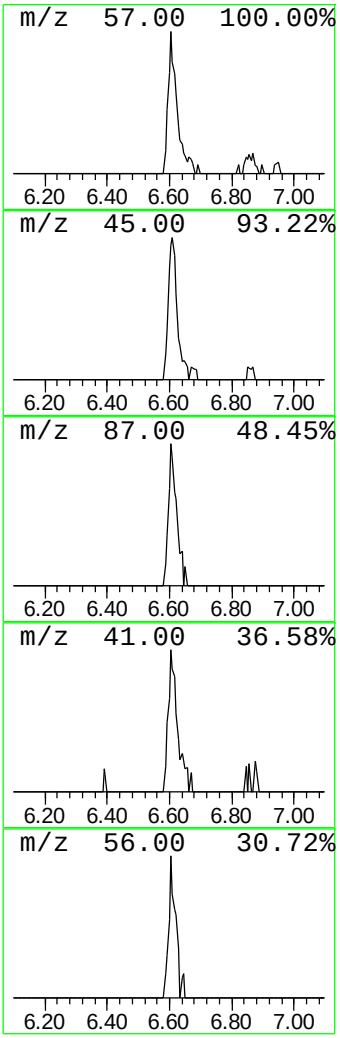
****

Peak Number 1 unknown6.60 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	3.59 ng	19912	1,4-Dichlorobenzene-d4	7.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	36
2	Morpholine	87	C4H9NO	000110-91-8	25
3	Cyclopentanol	86	C5H10O	000096-41-3	9
4	Neopentylamine	87	C5H13N	005813-64-9	9
5	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG062016\
Data File : BG022457.D
Acq On : 21 Jun 2016 1:41
Operator : UM/SJ
Sample : H3679-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

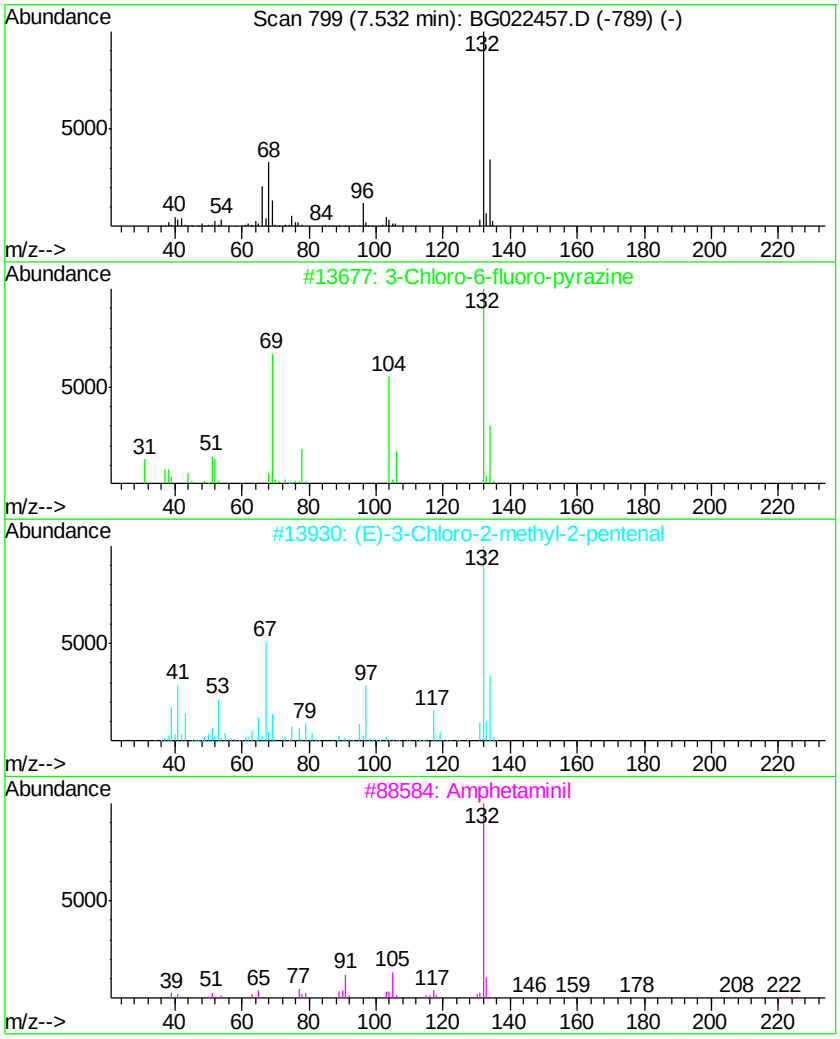
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

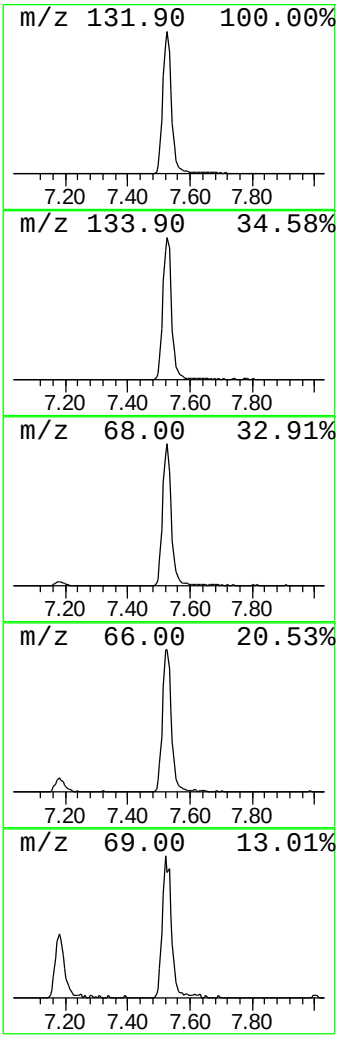
****

Peak Number 2 unknown7.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	93.43 ng	518911	1,4-Dichlorobenzene-d4	7.98

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	Amphetaminil	250	C17H18N2	017590-01-1	12
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG062016\
Data File : BG022457.D
Acq On : 21 Jun 2016 1:41
Operator : UM/SJ
Sample : H3679-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

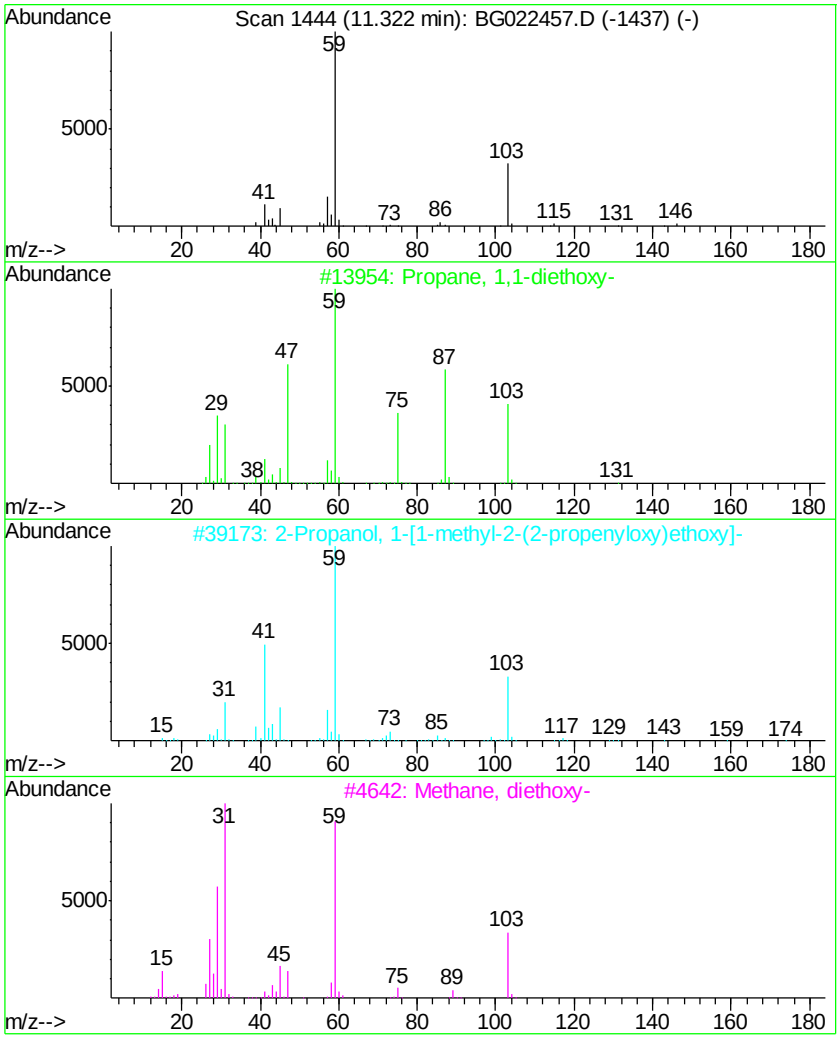
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

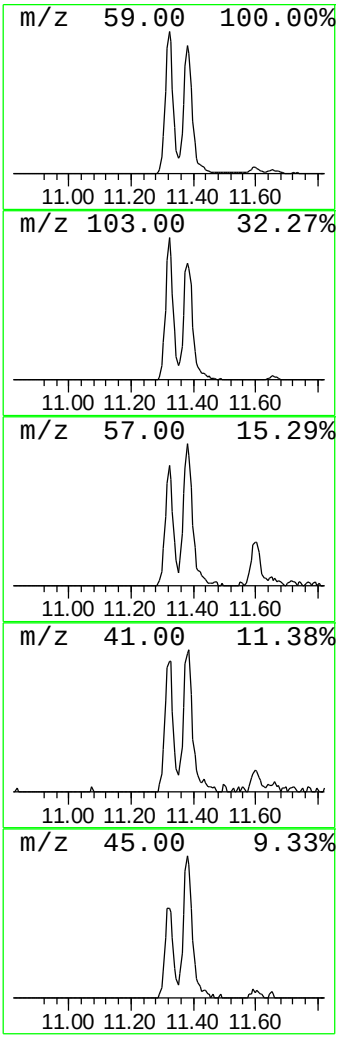
****

Peak Number 4 Propane, 1,1-diethoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	16.78 ng	164514	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-diethoxy-	132	C7H16O2	004744-08-5	74
2	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	74
3	Methane, diethoxy-	104	C5H12O2	000462-95-3	72
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	50
5	Pentanamide	101	C5H11NO	000626-97-1	42





Data Path : Z:\HPCHEM1\BNA G\DATA\BG062016\
Data File : BG022457.D
Acq On : 21 Jun 2016 1:41
Operator : UM/SJ
Sample : H3679-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

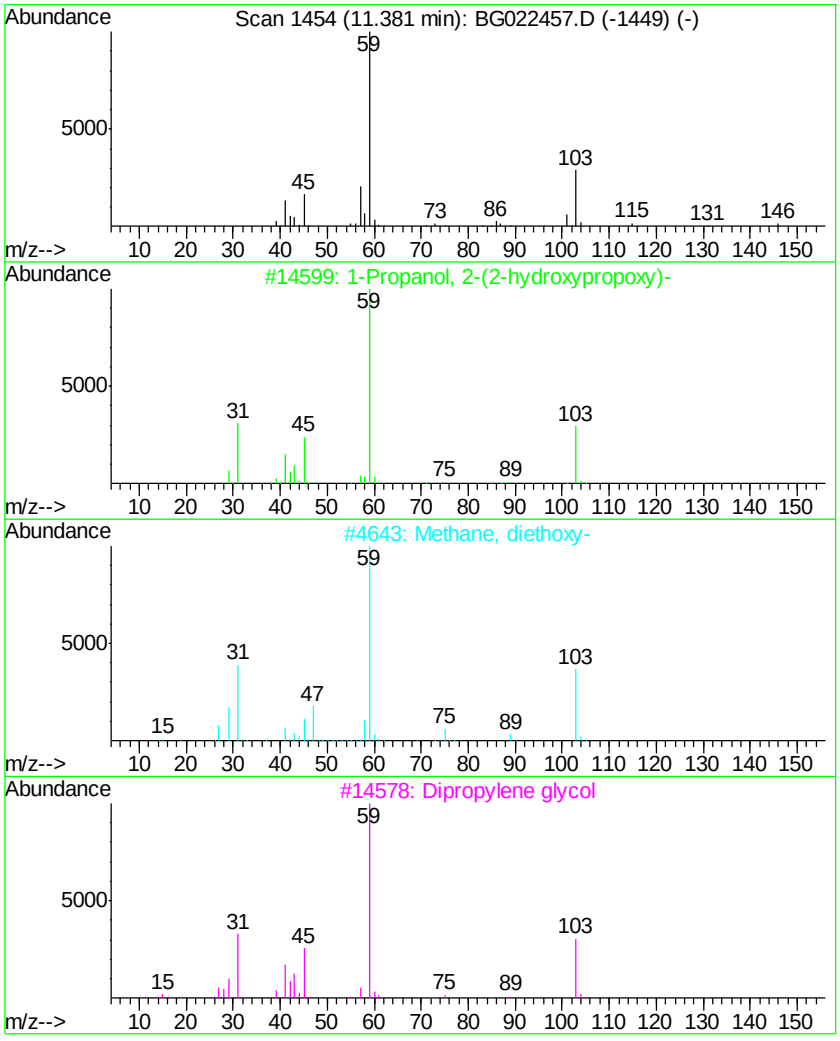
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

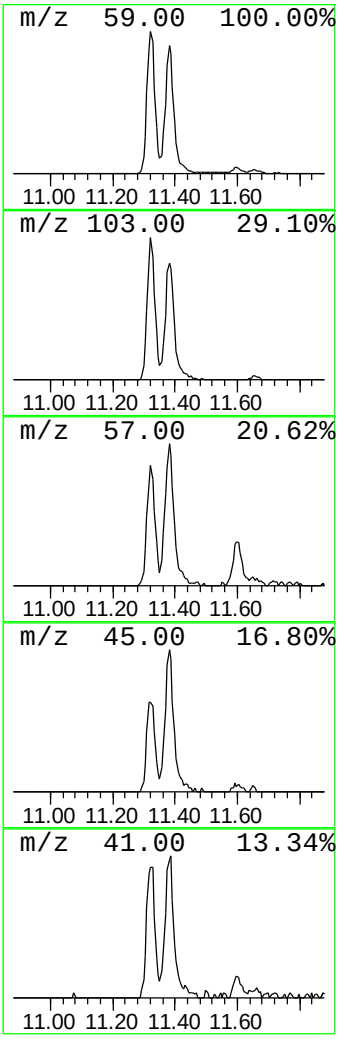
****

Peak Number 5 1-Propanol, 2-(2-hydroxypro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	18.32 ng	179638	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	72
2	Methane, diethoxy-	104	C5H12O2	000462-95-3	72
3	Dipropylene glycol	134	C6H14O3	025265-71-8	72
4	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	64
5	Propane, 1,2-dimethoxy-	104	C5H12O2	007778-85-0	58





Data Path : Z:\HPCHEM1\BNA G\DATA\BG062016\
Data File : BG022457.D
Acq On : 21 Jun 2016 1:41
Operator : UM/SJ
Sample : H3679-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

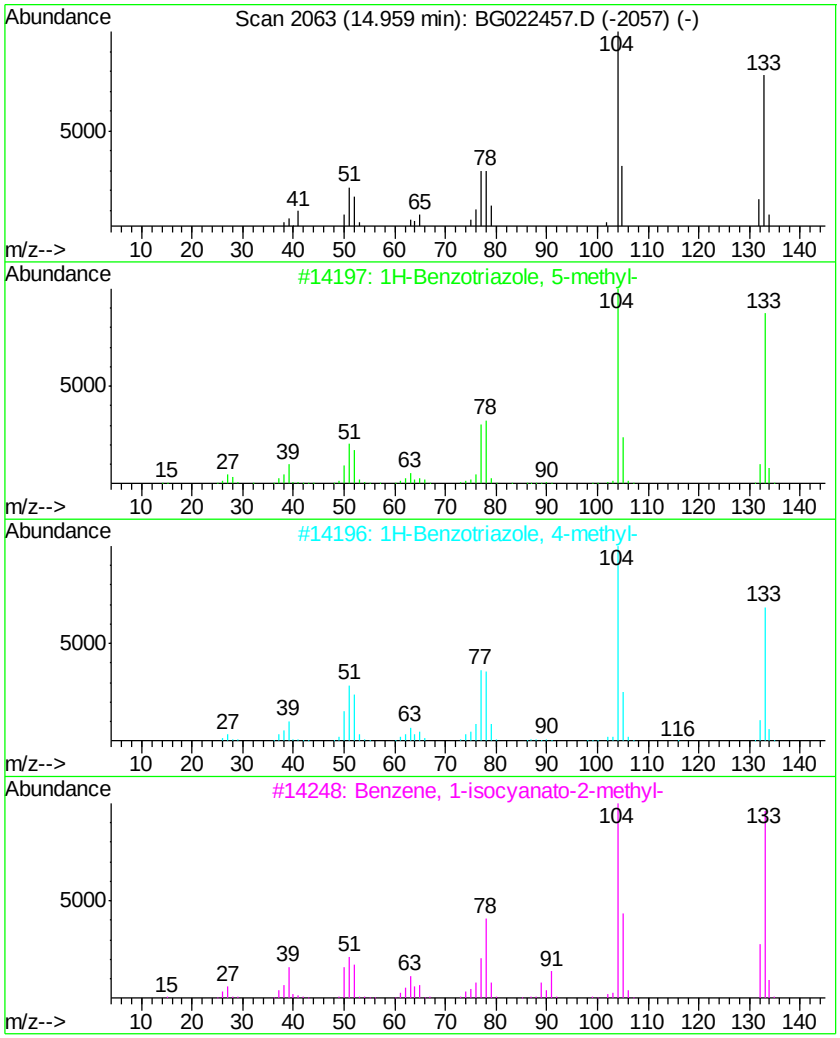
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

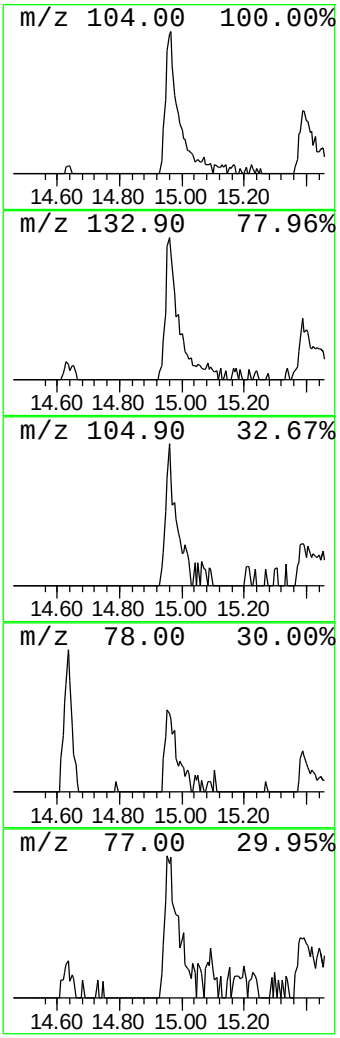
****

Peak Number 6 1H-Benzotriazole, 5-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	2.62 ng	42990	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	91
2	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	91
3	Benzene, 1-isocyanato-2-methyl-	133	C8H7NO	000614-68-6	87
4	1H-Indol-5-ol	133	C8H7NO	001953-54-4	81
5	Benzene, 1-isocyanato-4-methyl-	133	C8H7NO	000622-58-2	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG062016\
Data File : BG022457.D
Acq On : 21 Jun 2016 1:41
Operator : UM/SJ
Sample : H3679-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

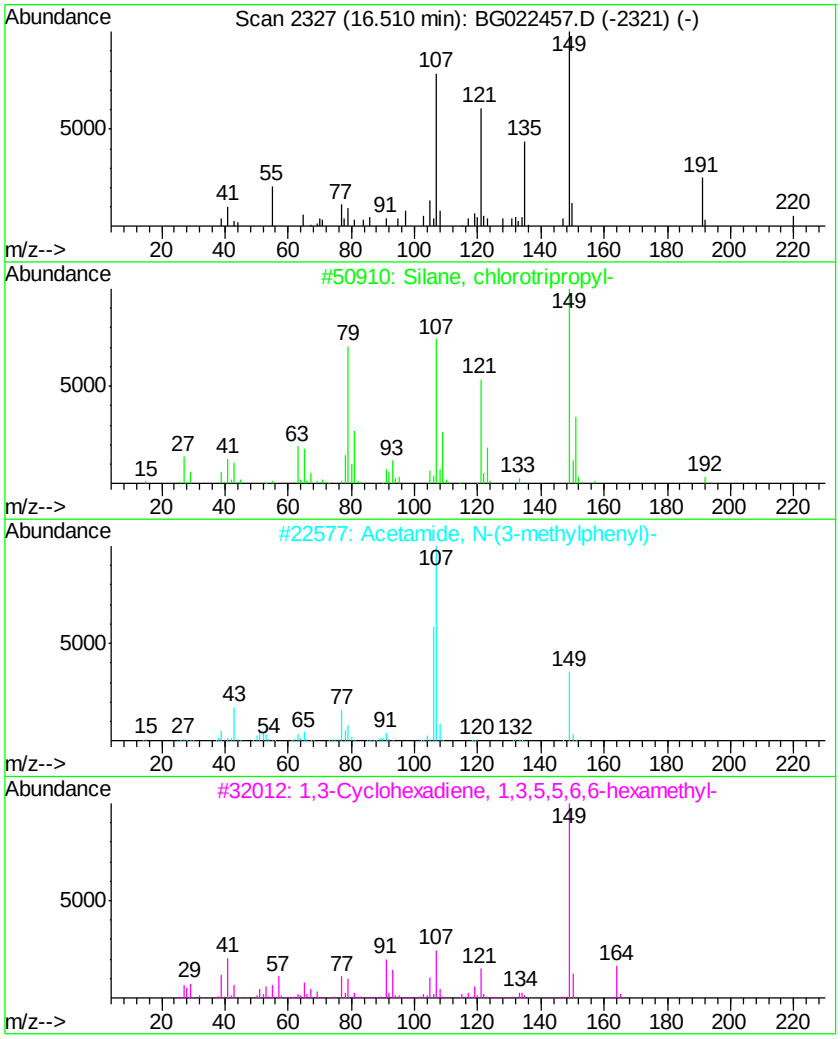
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

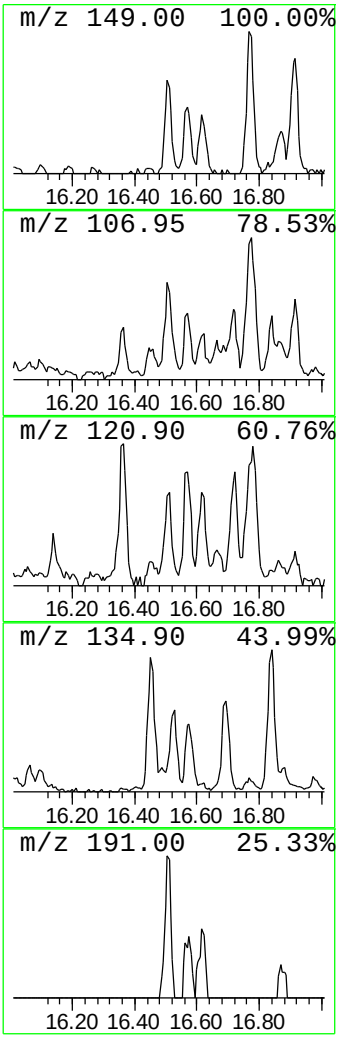
****

Peak Number 7 Silane, chlorotripropyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	2.74 ng	52179	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, chlorotripropyl-	192	C9H21ClSi	000995-25-5	62
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	58
3	1,3-Cyclohexadiene, 1,3,5,5,6,6-...	164	C12H20	1000150-39-4	53
4	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	52
5	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG062016\
Data File : BG022457.D
Acq On : 21 Jun 2016 1:41
Operator : UM/SJ
Sample : H3679-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

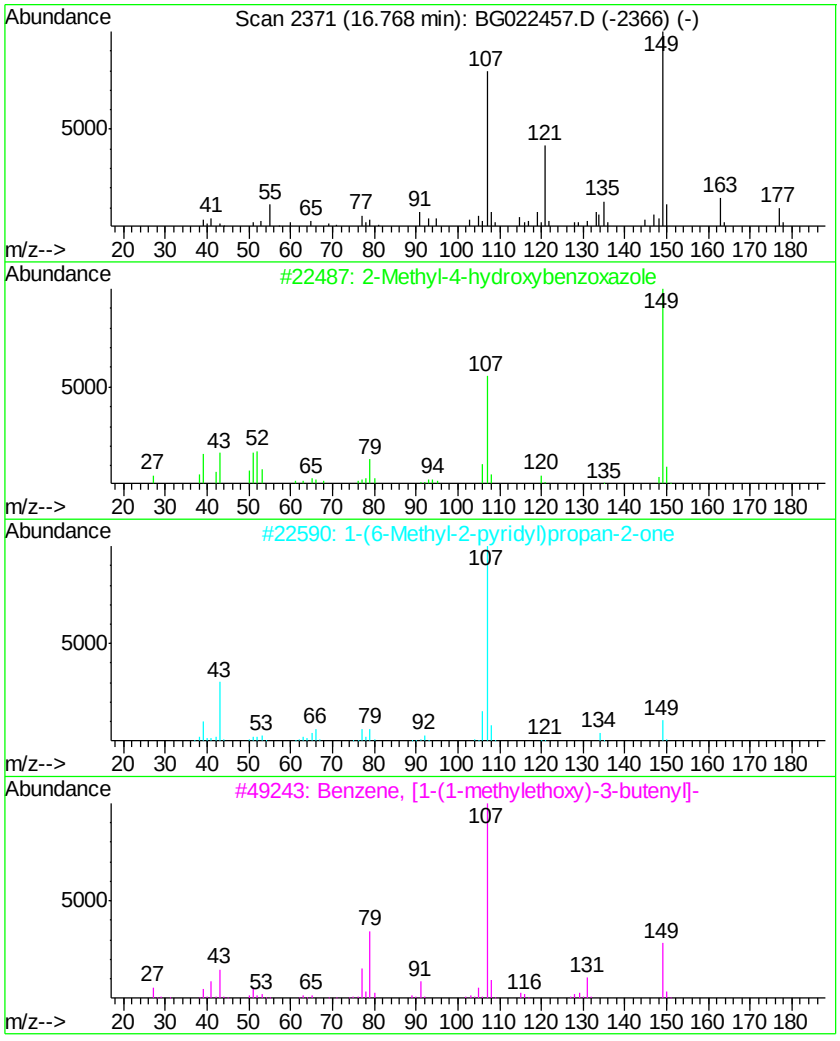
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

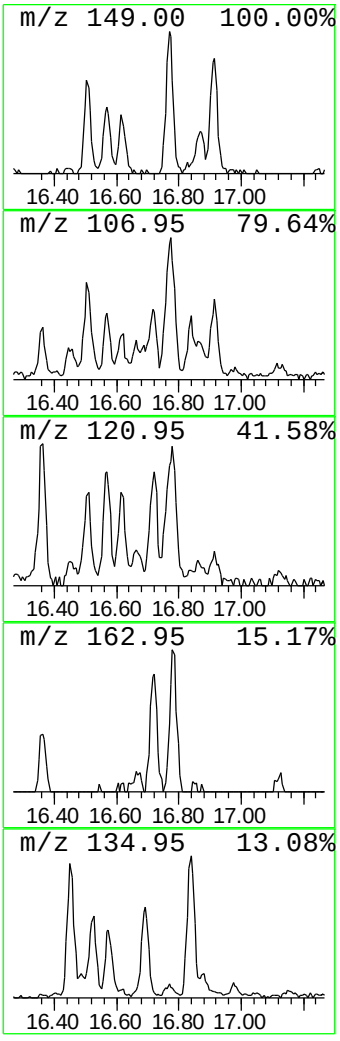
****

Peak Number 8 2-Methyl-4-hydroxybenzoxazole Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	3.17 ng	60431	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	64
2	1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	64
3	Benzene, [1-(1-methylethoxy)-3-b...	190	C13H18O	098088-47-2	45
4	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	45
5	2H-Indol-2-one, 1,3-dihydro-5-hy...	149	C8H7NO2	003416-18-0	35





Data Path : Z:\HPCHEM1\BNA G\DATA\BG062016\
Data File : BG022457.D
Acq On : 21 Jun 2016 1:41
Operator : UM/SJ
Sample : H3679-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

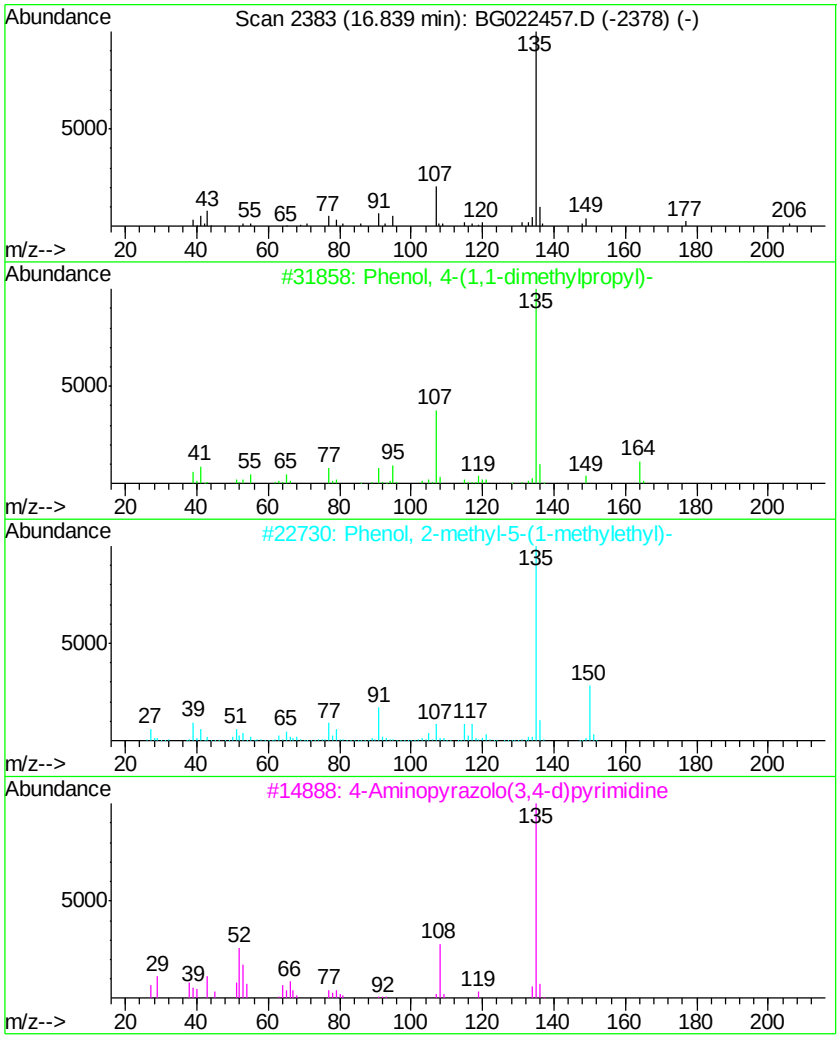
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

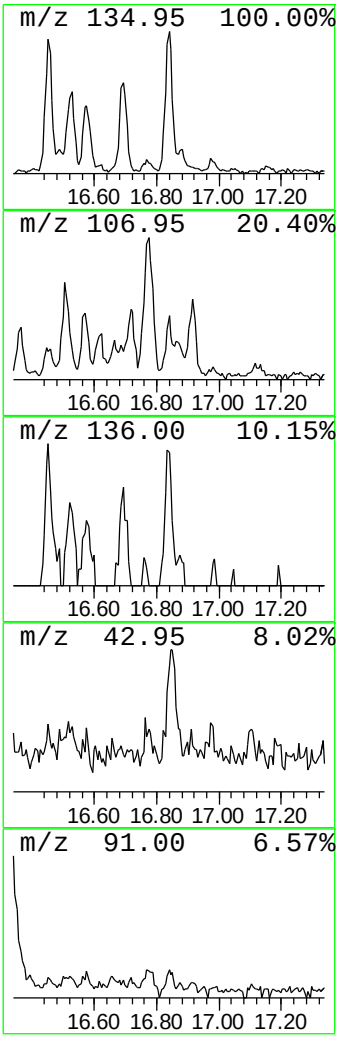
****

Peak Number 9 Phenol, 4-(1,1-dimethylprop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	2.26 ng	43081	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
2	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	59
3	4-Aminopyrazolo(3,4-d)pyrimidine	135	C5H5N5	020289-44-5	53
4	2-Fluoro-4-cyanotoluene	135	C8H6FN	170572-49-3	50
5	1-Ethyl-1(1-cyclobutylidenethyl)...	164	C12H20	1000215-13-7	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062016\
Data File : BG022457.D
Acq On : 21 Jun 2016 1:41
Operator : UM/SJ
Sample : H3679-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-33

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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
unknown6.60	6.60	3.6	ng	19912	1	7.98	111084	20.0
unknown7.53	7.53	93.4	ng	518911	1	7.98	111084	20.0
Propane, 1,1-diet...	11.32	16.8	ng	164514	2	10.81	196095	20.0
1-Propanol, 2-(2-...	11.38	18.3	ng	179638	2	10.81	196095	20.0
1H-Benzotriazole,...	14.96	2.6	ng	42990	3	14.64	328161	20.0
Silane, chlorotri...	16.51	2.7	ng	52179	4	17.38	380890	20.0
2-Methyl-4-hydrox...	16.77	3.2	ng	60431	4	17.38	380890	20.0
Phenol, 4-(1,1-di...	16.84	2.3	ng	43081	4	17.38	380890	20.0