

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
 Data File : BG022939.D
 Acq On : 8 Jul 2016 20:45
 Operator : UM/SJ
 Sample : H3859-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PZ-6

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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	5.226	400	406	414	rVB	111240	182867	1.86%	0.371%
2	5.696	480	486	496	rBV	830973	1398044	14.24%	2.833%
3	7.306	753	760	770	rBV2	644678	1143771	11.65%	2.318%
4	7.682	816	824	834	rBV	1695264	2953490	30.09%	5.985%
5	8.152	895	904	912	rVB	403386	693451	7.06%	1.405%
6	8.481	952	960	970	rVB	1364471	2416238	24.62%	4.896%
7	9.327	1096	1104	1113	rBV	1465807	2648832	26.99%	5.368%
8	10.978	1378	1385	1393	rVB	612213	1107309	11.28%	2.244%
9	11.818	1523	1528	1534	rVB8	54601	100179	1.02%	0.203%
10	12.882	1703	1709	1721	rVB8	83355	280355	2.86%	0.568%
11	13.416	1789	1800	1809	rBV	4135423	6543189	66.66%	13.260%
12	13.534	1813	1820	1824	rBV10	35468	103827	1.06%	0.210%
13	13.804	1862	1866	1872	rBV8	70083	125452	1.28%	0.254%
14	13.892	1876	1881	1886	rBV8	77520	131822	1.34%	0.267%
15	14.016	1898	1902	1907	rBV8	89680	165397	1.69%	0.335%
16	14.115	1914	1919	1922	rBV7	67094	124200	1.27%	0.252%
17	14.409	1966	1969	1972	rBV5	70687	104547	1.07%	0.212%
18	14.497	1980	1984	1988	rBV7	68366	103304	1.05%	0.209%
19	14.597	1993	2001	2015	rBV7	91915	363154	3.70%	0.736%
20	14.709	2016	2020	2024	rBV7	56943	104210	1.06%	0.211%
21	14.797	2028	2035	2043	rBV3	1092166	1875006	19.10%	3.800%
22	15.050	2074	2078	2084	rBV9	61358	104266	1.06%	0.211%
23	15.267	2110	2115	2118	rBV6	116076	209378	2.13%	0.424%
24	15.343	2124	2128	2131	rBV6	89951	134257	1.37%	0.272%
25	15.420	2136	2141	2148	rVV9	158212	394413	4.02%	0.799%
26	15.825	2206	2210	2216	rBV8	117744	199636	2.03%	0.405%
27	15.890	2216	2221	2225	rBV7	62795	120168	1.22%	0.244%
28	16.054	2246	2249	2254	rVB7	82226	128305	1.31%	0.260%
29	16.289	2282	2289	2298	rBV	4222286	6676380	68.02%	13.530%
30	17.282	2454	2458	2462	rVB7	80003	115877	1.18%	0.235%
31	17.553	2498	2504	2512	rVB2	1475003	2227375	22.69%	4.514%
32	18.422	2648	2652	2659	rBV2	296321	396078	4.04%	0.803%
33	19.685	2863	2867	2876	rVB2	303892	406829	4.14%	0.824%
34	20.155	2941	2947	2952	rVB	7352545	9815762	100.00%	19.891%

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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

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35	21.037	3092	3097	3101	rVB	331254	461348	4.70%	0.935%
36	21.848	3229	3235	3241	rVB	1620364	2700768	27.51%	5.473%
37	25.203	3796	3806	3817	rVB3	885682	2587340	26.36%	5.243%

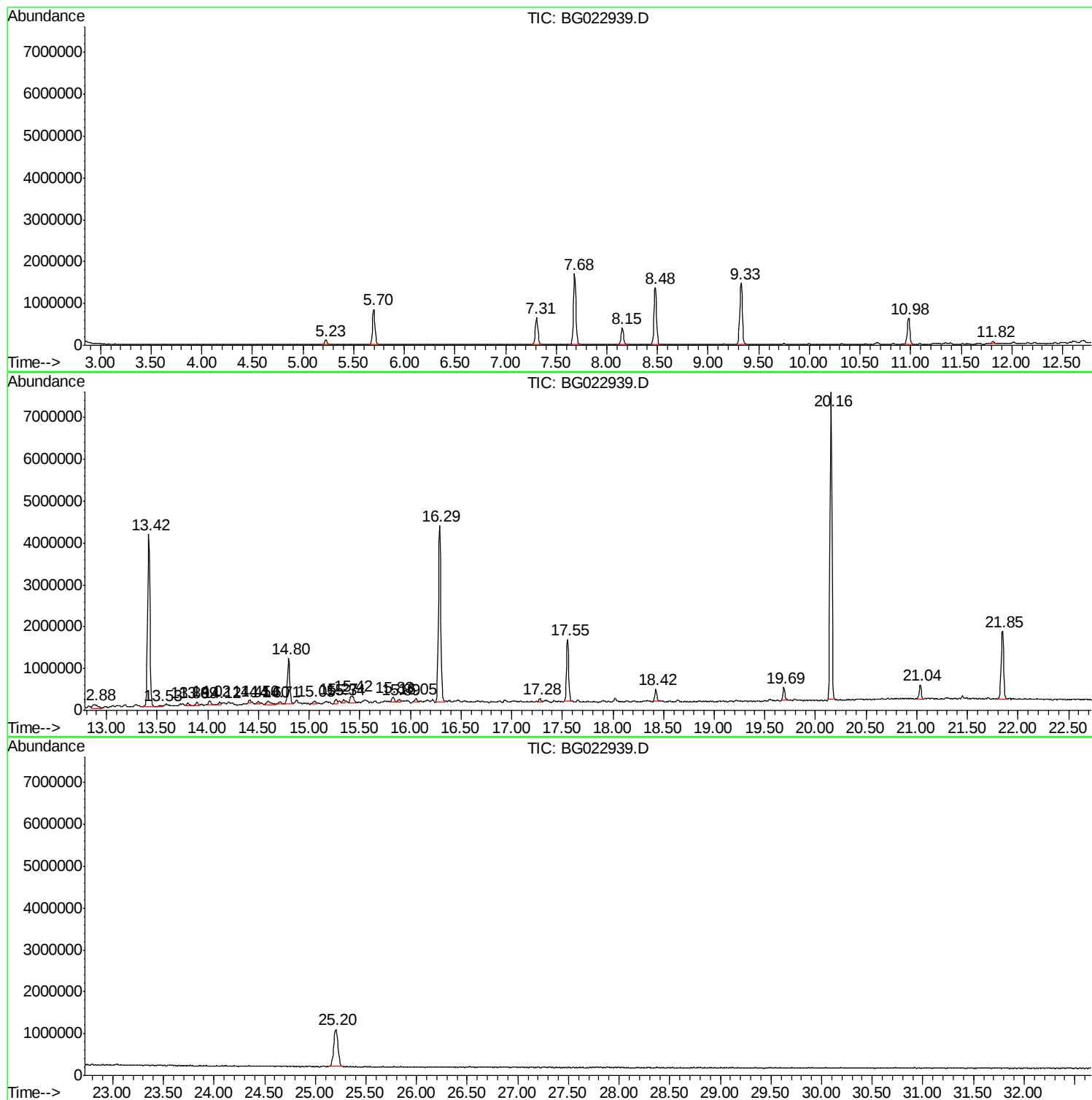
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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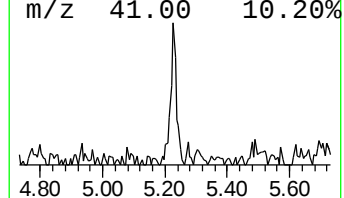
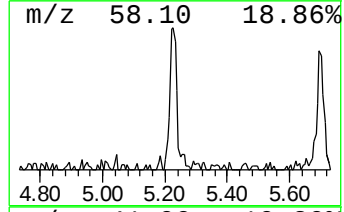
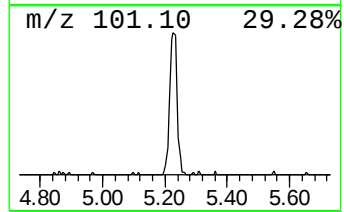
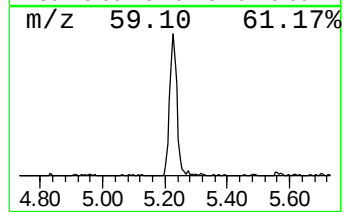
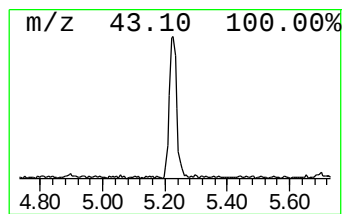
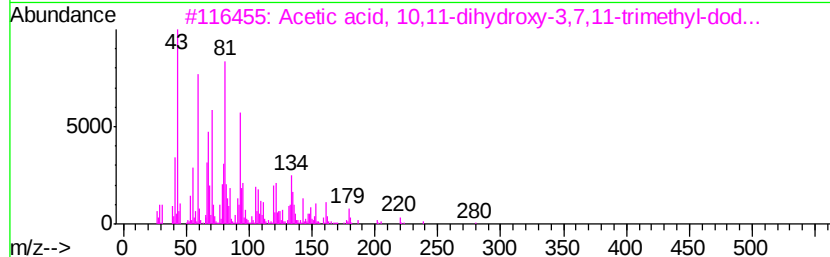
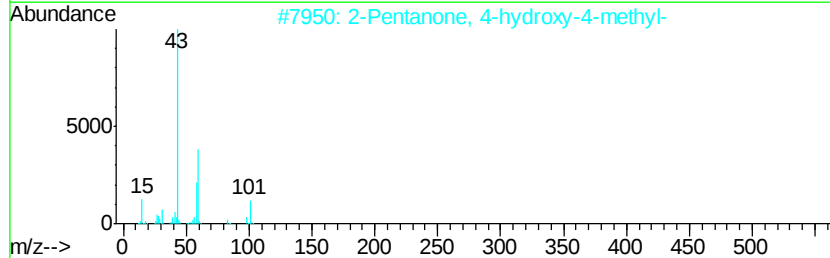
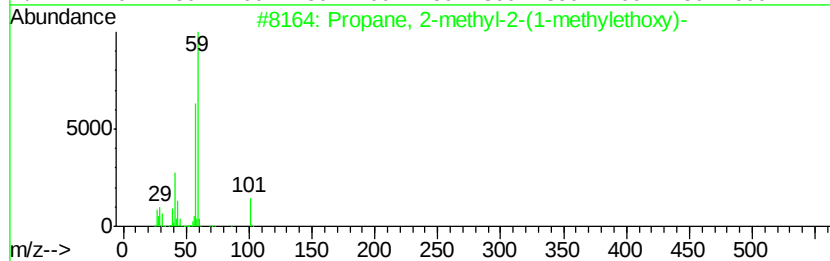
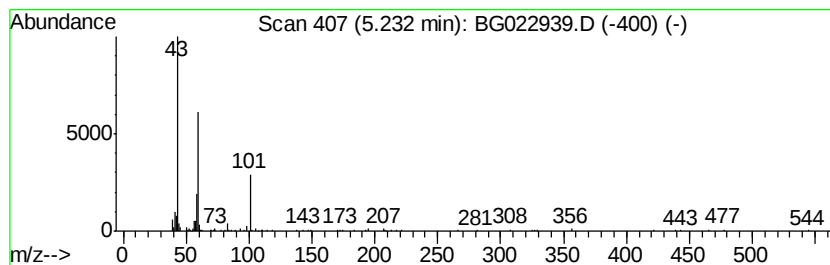
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Propane, 2-methyl-2-(1-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	5.27 ng	182867	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	50
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
3		Acetic acid, 10,11-dihydroxy-3,7...	298	C17H30O4	1000194-28-5	37
4		Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
5		1-Butanol, 3-methoxy-	104	C5H12O2	002517-43-3	25



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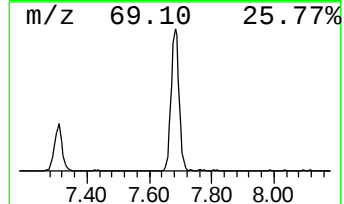
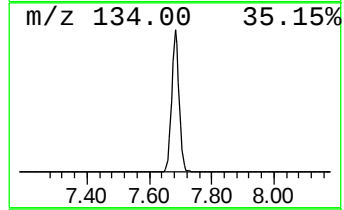
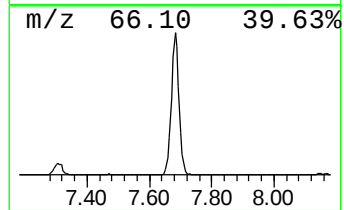
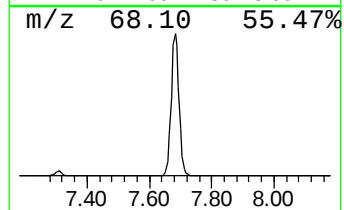
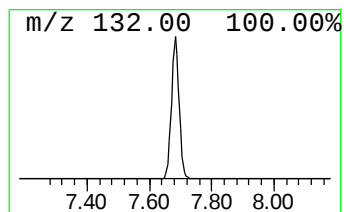
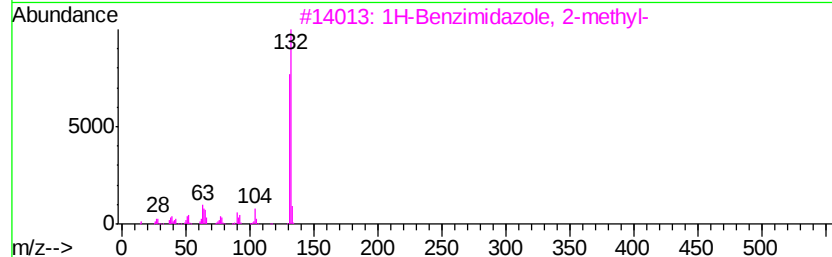
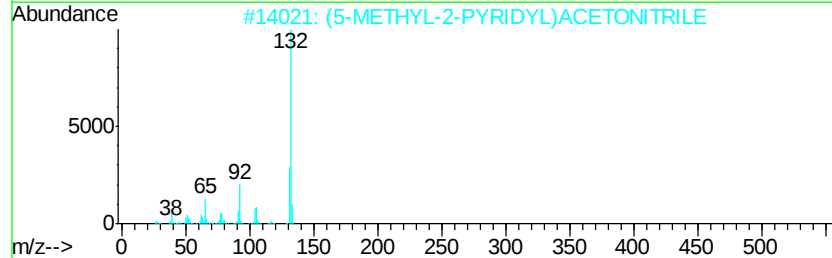
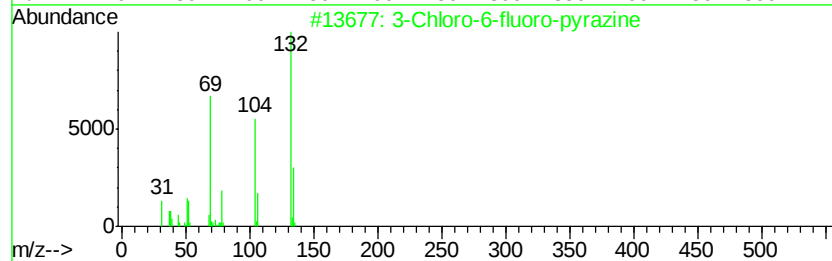
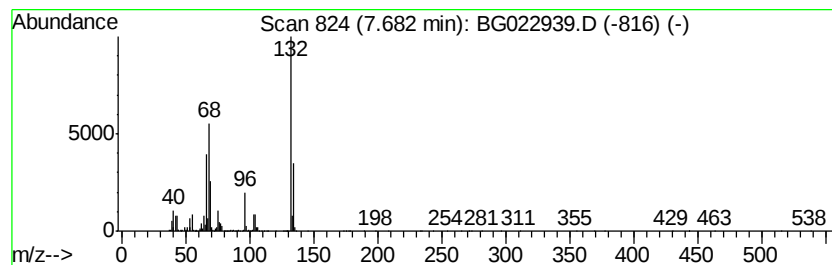
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	85.18 ng	2953490	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4		Xenon	132	Xe	007440-63-3	9
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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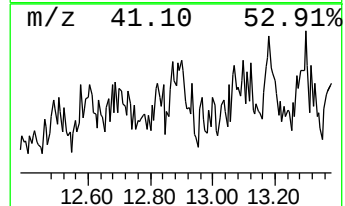
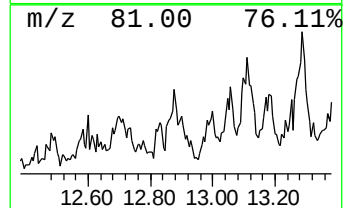
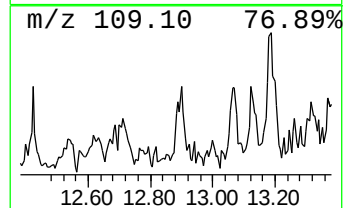
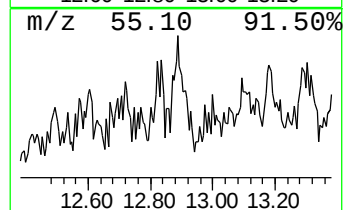
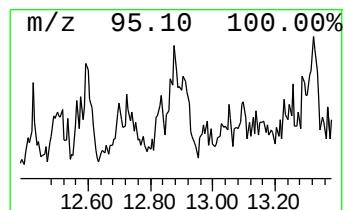
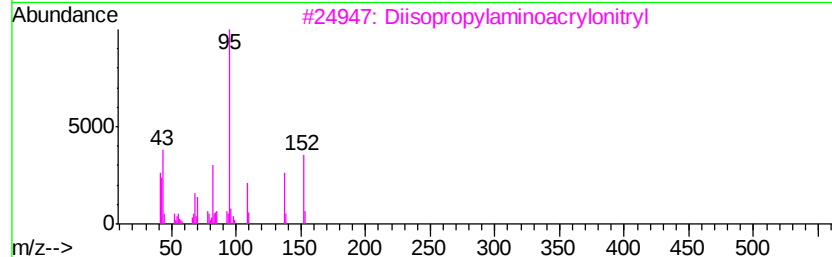
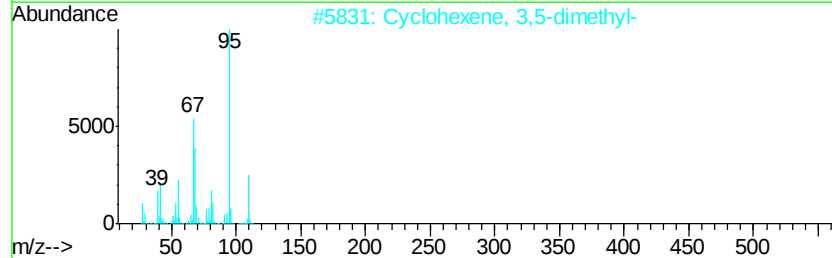
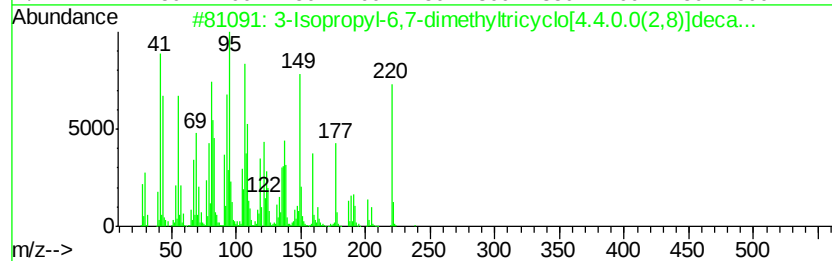
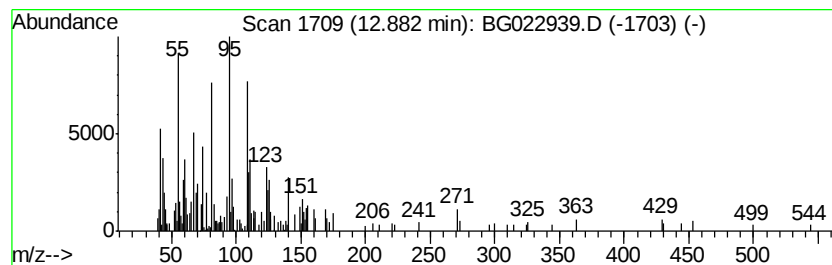
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 3-Isopropyl-6,7-dimethyltri... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	5.06 ng	280355	Napthalene-d8	10.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Isopropyl-6,7-dimethyltricvclo...	238	C15H26O2	1000191-51-9	74
2		Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	18
3		Diisopropylaminoacrylonitril	152	C9H16N2	038691-28-0	18
4		1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	14
5		Cyclopentene, 1-(1-methylethyl)-	110	C8H14	001462-07-3	14



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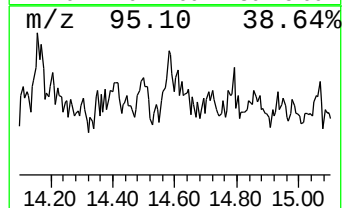
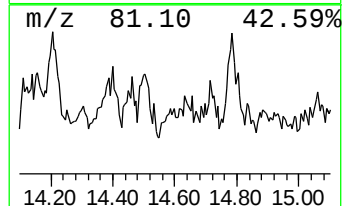
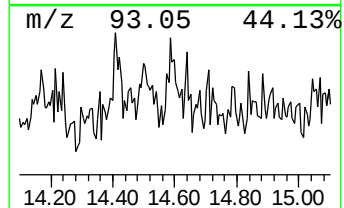
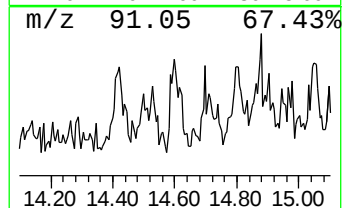
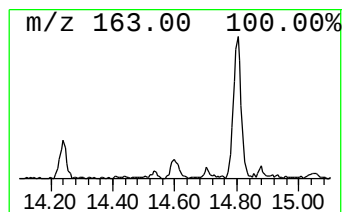
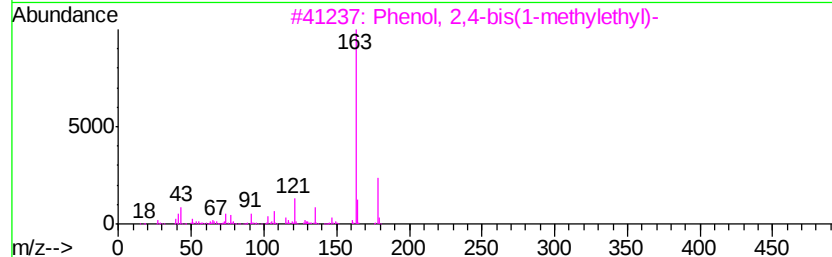
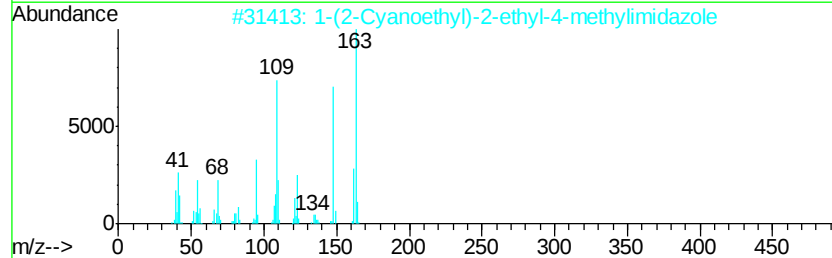
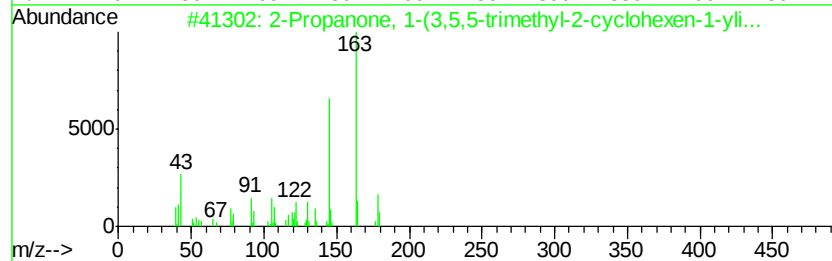
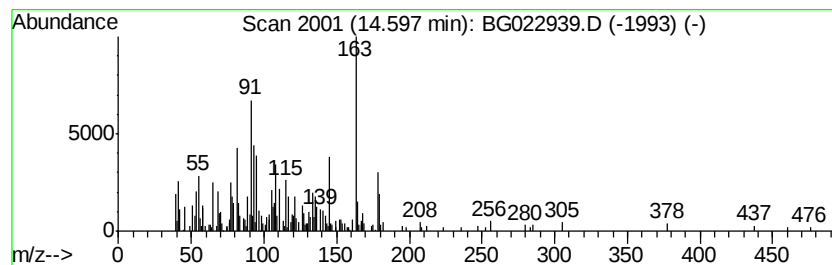
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown14.60 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.60	3.87 ng	363154	Acenaphthene-d10		14.80
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1-(3,5,5-trimethyl-...	178	C12H18O	016695-72-0	41
2	1-(2-Cyanoethyl)-2-ethyl-4-methy...	163	C9H13N3	023996-25-0	38
3	Phenol, 2,4-bis(1-methylethyl)-	178	C12H18O	002934-05-6	38
4	Propofol	178	C12H18O	002078-54-8	30
5	1-(5-Dimethylethyl)pyrazin-2-yl-...	178	C10H14N2O	182306-61-2	30



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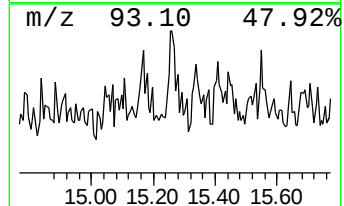
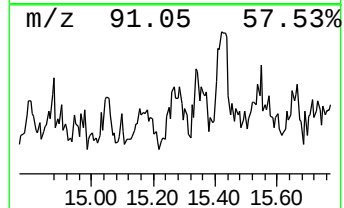
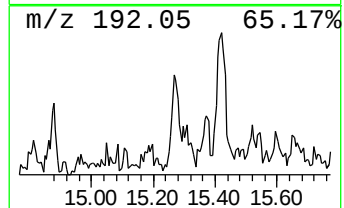
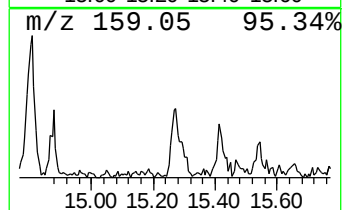
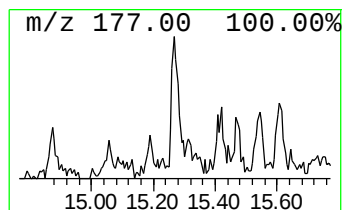
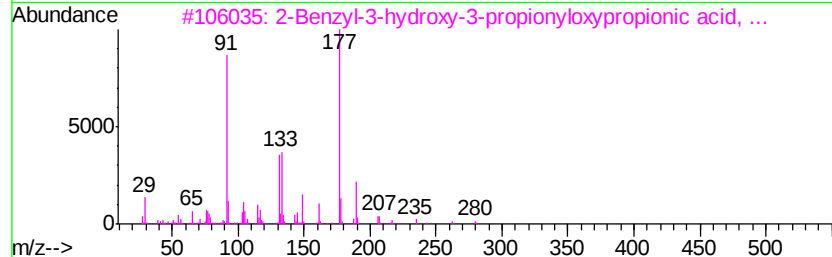
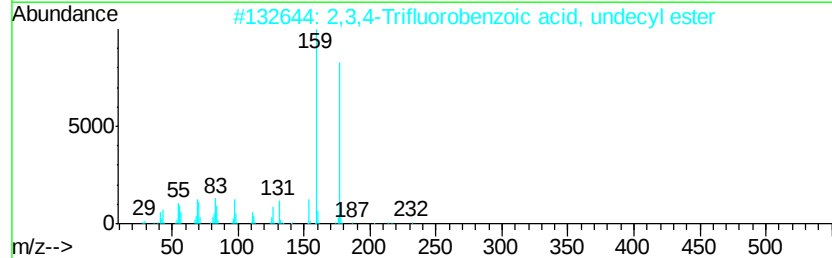
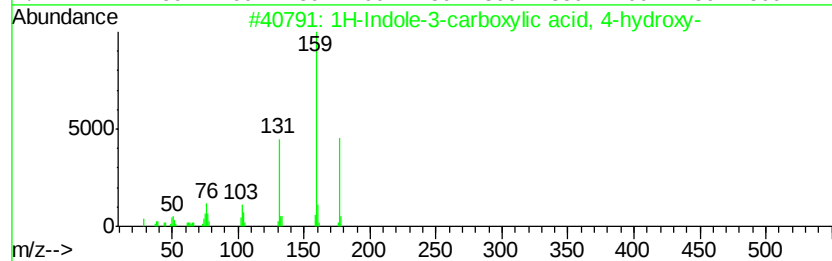
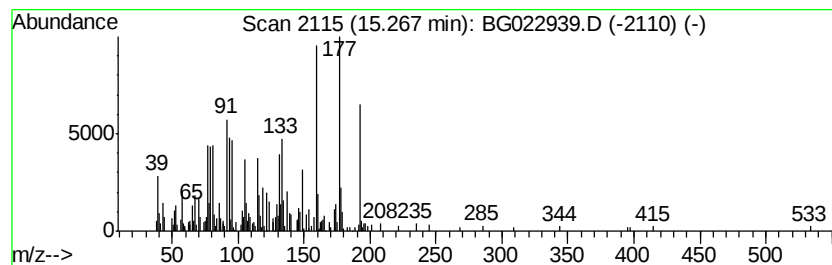
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown15.27 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	2.23 ng	209378	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indole-3-carboxylic acid, 4-h...	177	C9H7NO3	024370-76-1	38
2		2,3,4-Trifluorobenzoic acid, und...	330	C18H25F3O2	1000283-00-6	35
3		2-Benzyl-3-hydroxy-3-propionylox...	280	C15H20O5	1000190-18-9	35
4		1-Indolinecarboxaldehyde, 2-hydr...	177	C10H11NO2	013303-69-0	25
5		9H-Purine, 9-(trimethylsilyl)-	192	C8H12N4Si	032865-85-3	22



Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022939.D
Acq On : 8 Jul 2016 20:45
Operator : UM/SJ
Sample : H3859-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PZ-6

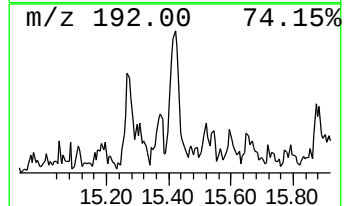
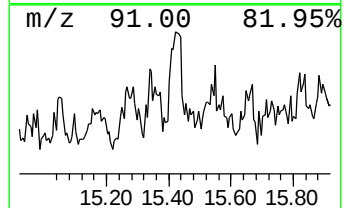
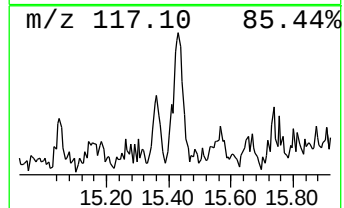
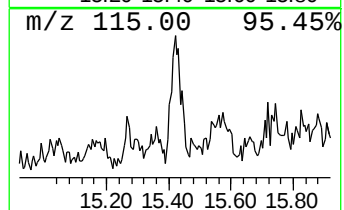
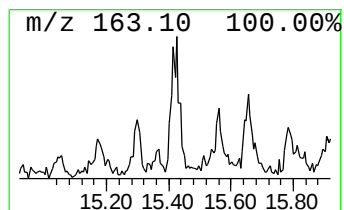
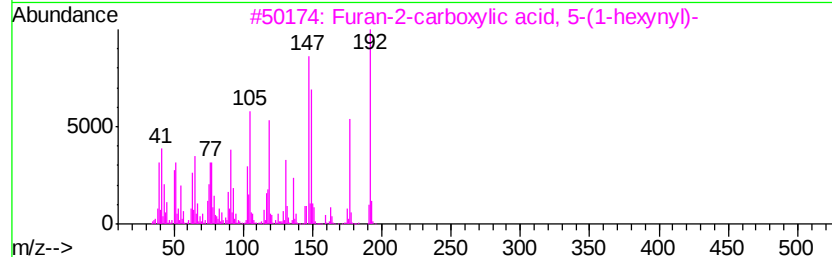
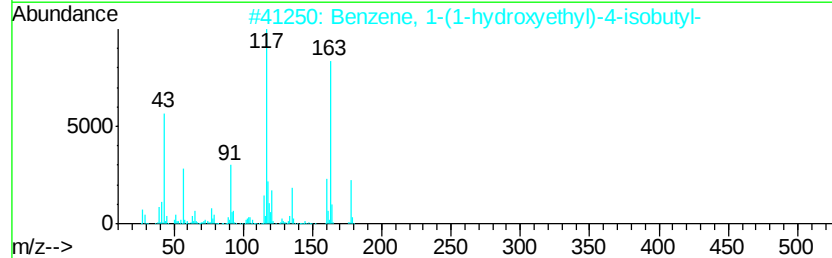
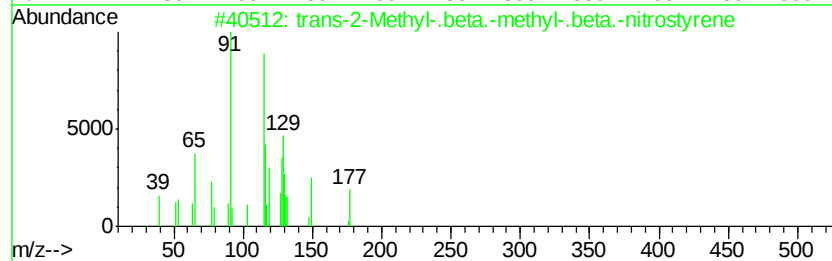
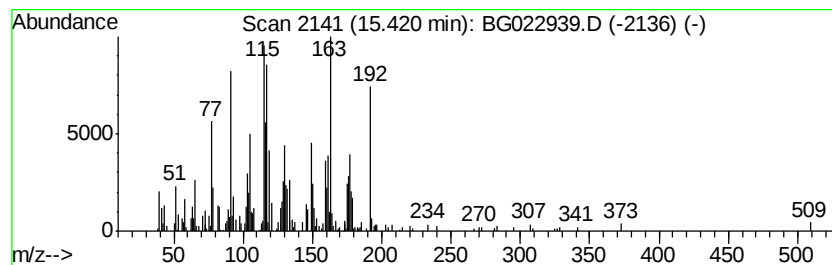
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 trans-2-Methyl-.beta.-methy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	4.21 ng	394413	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-2-Methyl-.beta.-methy... .be...	177	C10H11N02	147102-54-3	58
2		Benzene, 1-(1-hydroxyethyl)-4-is...	178	C12H18O	040150-92-3	38
3		Furan-2-carboxylic acid, 5-(1-he...	192	C11H12O3	1000269-18-0	30
4		2-Nitro-1-amino(5,6,7,8-tetrahd...	192	C10H12N2O2	078422-66-9	30
5		cis-4-Methyl-.beta.-methyl-.beta...	177	C10H11N02	1000122-76-8	20



Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022939.D
Acq On : 8 Jul 2016 20:45
Operator : UM/SJ
Sample : H3859-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PZ-6

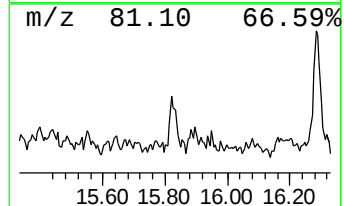
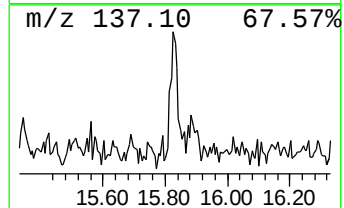
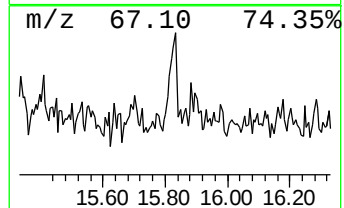
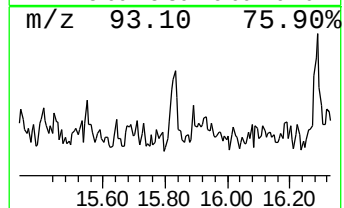
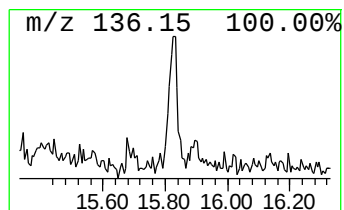
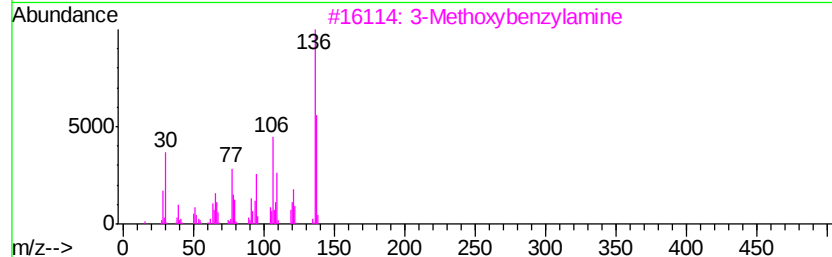
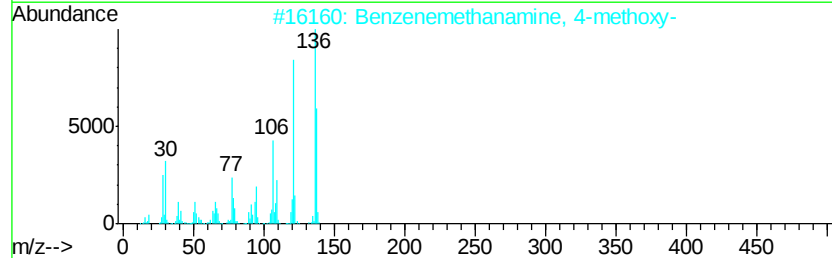
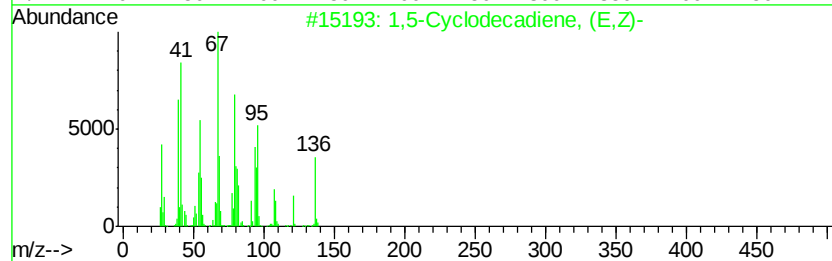
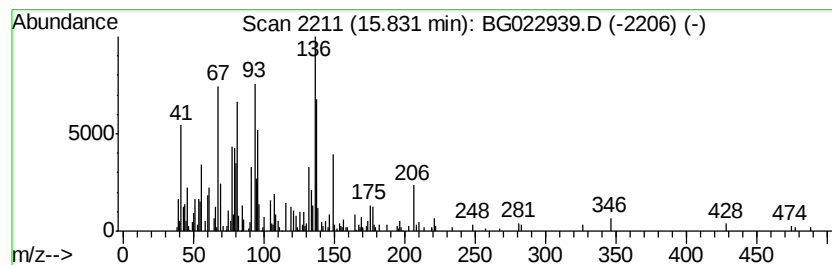
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1,5-Cyclodecadiene, (E,Z)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	2.13 ng	199636	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,5-Cyclodecadiene, (E,Z)-	136	C10H16	001124-78-3	50
2		Benzenemethanamine, 4-methoxy-	137	C8H11NO	002393-23-9	49
3		3-Methoxybenzylamine	137	C8H11NO	005071-96-5	49
4		2H-Quinolizine, 1,3,4,6,7,9a-hex...	137	C9H15N	001004-90-6	43
5		1,2,3,4,4a,5,6,8a-Octahydro-naph...	136	C10H16	031244-58-3	41



Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022939.D
Acq On : 8 Jul 2016 20:45
Operator : UM/SJ
Sample : H3859-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PZ-6

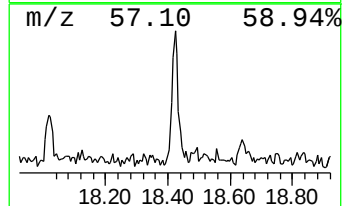
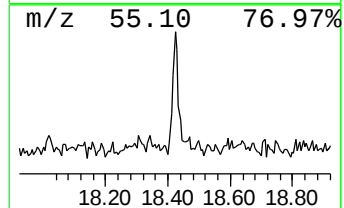
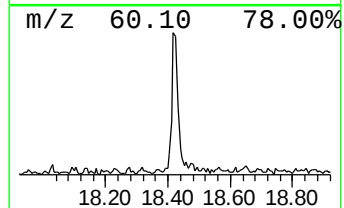
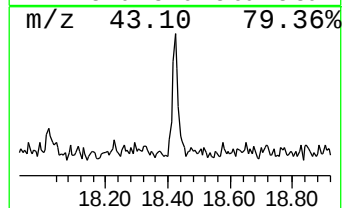
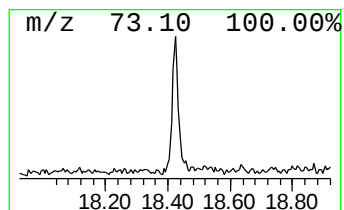
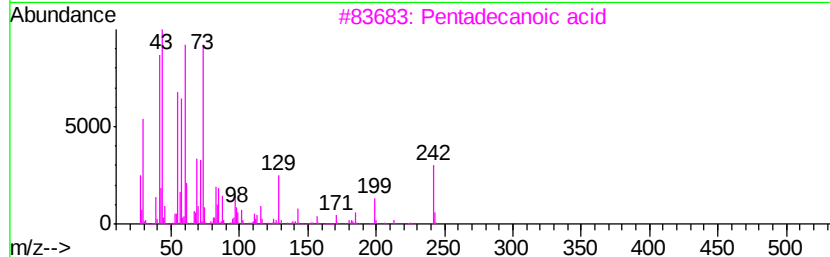
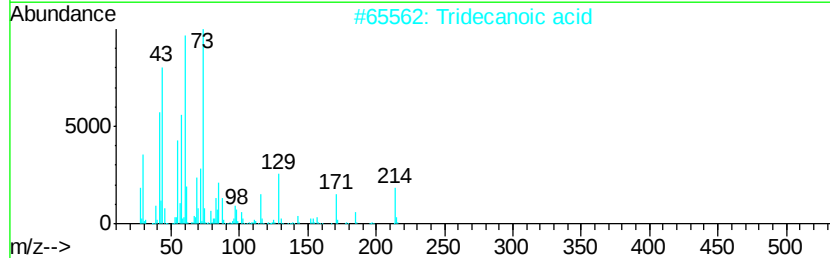
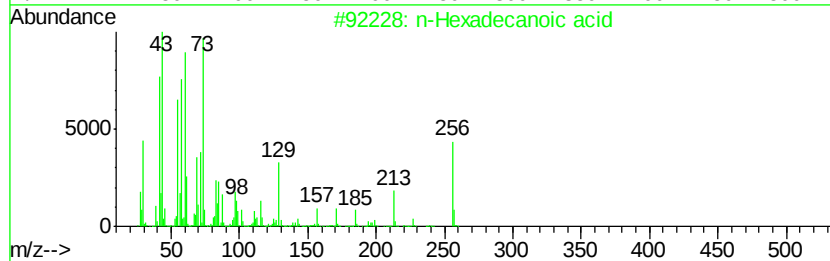
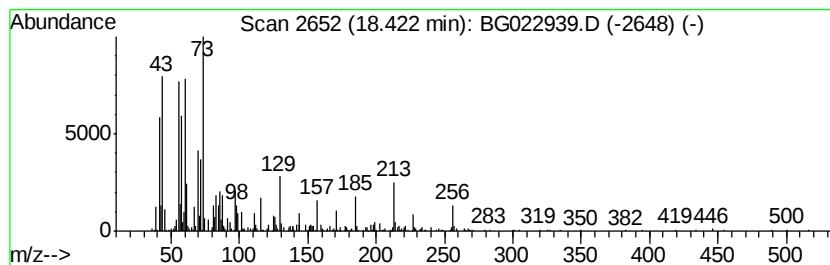
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	3.56 ng	396078	Phenanthrene-d10	17.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	76
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		Undecanoic acid	186	C11H22O2	000112-37-8	53



Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022939.D
Acq On : 8 Jul 2016 20:45
Operator : UM/SJ
Sample : H3859-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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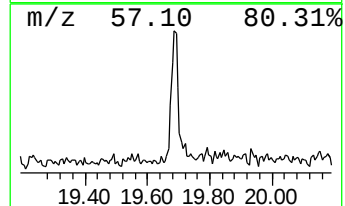
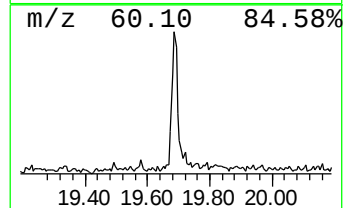
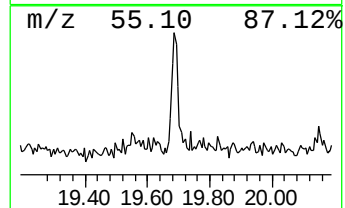
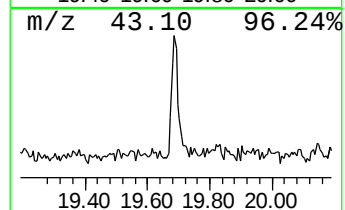
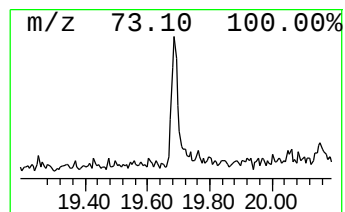
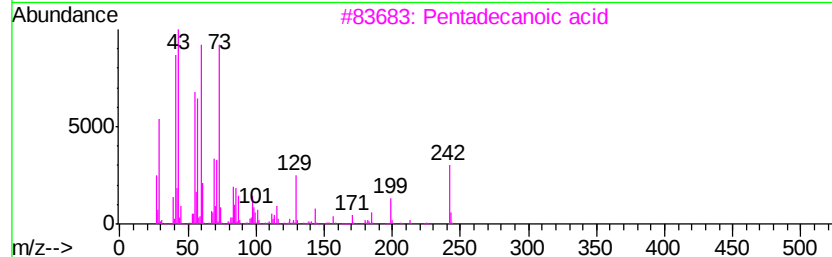
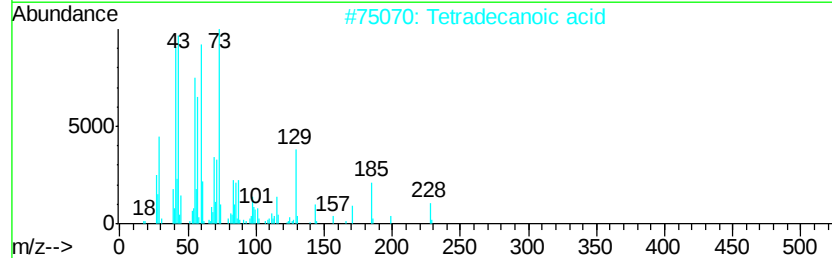
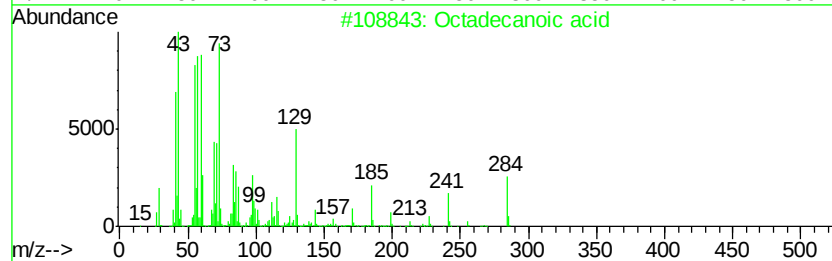
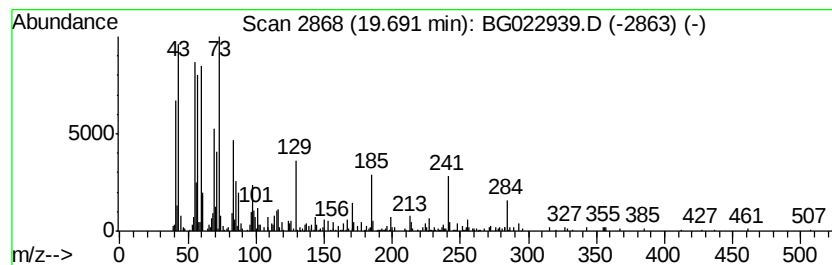
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	3.65 ng	406829	Phenanthrene-d10	17.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	95
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4		n-Decanoic acid	172	C10H20O2	000334-48-5	64
5		Methyl 6-O-[1-methylpropyl]-.bet...	250	C11H22O6	1000126-15-7	50



Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022939.D
Acq On : 8 Jul 2016 20:45
Operator : UM/SJ
Sample : H3859-02
Misc :
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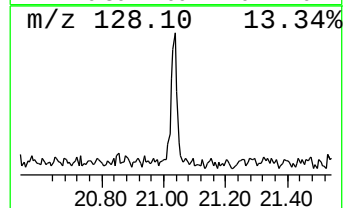
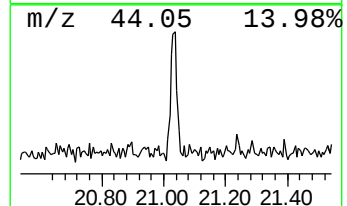
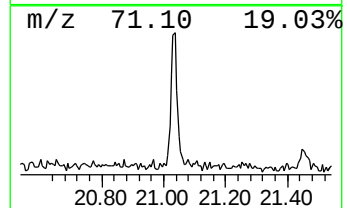
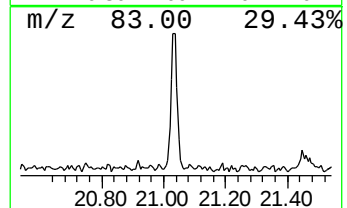
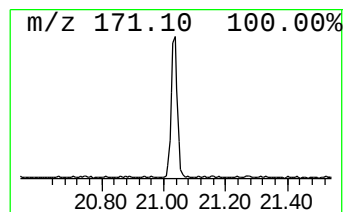
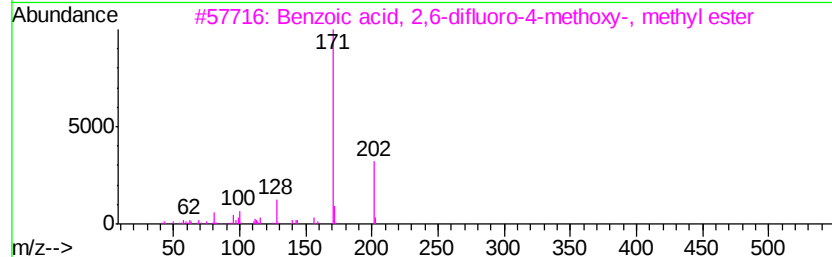
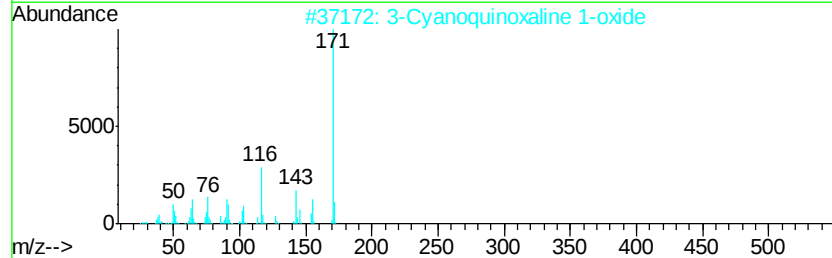
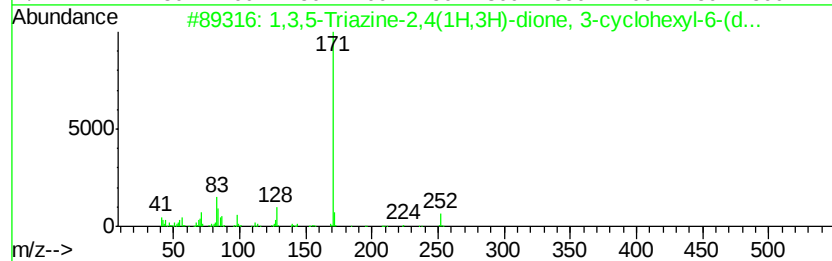
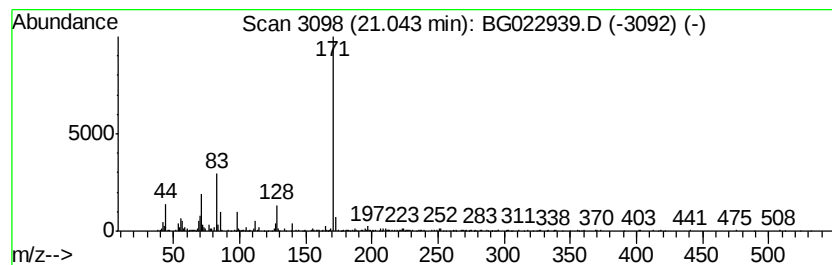
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1,3,5-Triazine-2,4(1H,3H)-d... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.04	3.42 ng	461348	Chrysene-d12	21.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazine-2,4(1H,3H)-dione,...	252	C12H20N4O2	051235-04-2	81
2	3-Cyanoquinoxaline 1-oxide	171	C9H5N3O	053688-02-1	38
3	Benzoic acid, 2,6-difluoro-4-met...	202	C9H8F2O3	084937-82-6	25
4	Acetamide, 2,2-diphenyl-N-(8-qui...	338	C23H18N2O	1000262-56-0	25
5	4-Pyridinol, 2-phenyl-	171	C11H9NO	1000253-54-5	25



Data Path : V:\HPCHEM1\BNA_G\DATA\BG070916\
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Acq On : 8 Jul 2016 20:45
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Sample : H3859-02
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PZ-6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propane, 2-methyl...	5.23	5.3	ng	182867	1	8.15	693451	20.0
unknown7.68	7.68	85.2	ng	2953490	1	8.15	693451	20.0
3-Isopropyl-6,7-d...	12.88	5.1	ng	280355	2	10.98	1107310	20.0
unknown14.60	14.60	3.9	ng	363154	3	14.80	1875010	20.0
unknown15.27	15.27	2.2	ng	209378	3	14.80	1875010	20.0
trans-2-Methyl-.b...	15.42	4.2	ng	394413	3	14.80	1875010	20.0
1,5-Cyclodecadien...	15.83	2.1	ng	199636	3	14.80	1875010	20.0
n-Hexadecanoic acid	18.42	3.6	ng	396078	4	17.55	2227380	20.0
Octadecanoic acid	19.69	3.6	ng	406829	4	17.55	2227380	20.0
1,3,5-Triazine-2,...	21.04	3.4	ng	461348	5	21.85	2700770	20.0