

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
 Data File : BG022913.D
 Acq On : 8 Jul 2016 2:43
 Operator : UM/SJ
 Sample : H3841-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

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	2.968	17	22	36	rVB	2028737	2667258	25.17%	3.726%
2	3.567	118	124	141	rBV	4451690	6885173	64.97%	9.619%
3	3.814	160	166	173	rBV	239061	335349	3.16%	0.468%
4	4.531	282	288	293	rVB	136412	202844	1.91%	0.283%
5	5.700	478	487	494	rBV	1122313	1795843	16.95%	2.509%
6	5.800	498	504	511	rVB	278568	449534	4.24%	0.628%
7	7.304	753	760	772	rBV	922732	1665027	15.71%	2.326%
8	7.527	791	798	806	rVB3	101489	193350	1.82%	0.270%
9	7.680	815	824	833	rBV	1947420	3459028	32.64%	4.832%
10	8.156	896	905	912	rVB	421562	736971	6.95%	1.030%
11	8.238	912	919	930	rVB2	147527	264391	2.50%	0.369%
12	8.414	932	949	953	rBV3	333684	963025	9.09%	1.345%
13	8.479	953	960	975	rVB	1548339	2755053	26.00%	3.849%
14	9.114	1060	1068	1073	rBV2	392183	770275	7.27%	1.076%
15	9.208	1078	1084	1095	rVB5	239865	576173	5.44%	0.805%
16	9.325	1095	1104	1111	rBV	1551207	2855120	26.94%	3.989%
17	9.960	1207	1212	1223	rVB7	108160	299144	2.82%	0.418%
18	10.982	1376	1386	1393	rBV	652190	1209967	11.42%	1.690%
19	12.228	1592	1598	1606	rVB3	105299	196042	1.85%	0.274%
20	13.203	1758	1764	1770	rBV	154567	251742	2.38%	0.352%
21	13.420	1793	1801	1808	rVV	4379229	7010533	66.16%	9.794%
22	13.796	1858	1865	1875	rBV	827031	1468308	13.86%	2.051%
23	14.008	1891	1901	1906	rBV	54474	121804	1.15%	0.170%
24	14.078	1909	1913	1918	rBV3	110819	164576	1.55%	0.230%
25	14.243	1934	1941	1948	rBV	112261	220663	2.08%	0.308%
26	14.402	1962	1968	1975	rBV4	136055	279517	2.64%	0.390%
27	14.525	1984	1989	1994	rBV4	67060	111359	1.05%	0.156%
28	14.695	2014	2018	2028	rBV10	71121	124703	1.18%	0.174%
29	14.801	2030	2036	2046	rVB3	1152492	1936901	18.28%	2.706%
30	15.165	2093	2098	2107	rBV2	136667	237807	2.24%	0.332%
31	15.430	2140	2143	2150	rVB4	110046	166977	1.58%	0.233%
32	15.988	2232	2238	2243	rVB	2085209	2774971	26.19%	3.877%
33	16.293	2283	2290	2301	rBV	4741383	7449811	70.30%	10.407%
34	17.228	2445	2449	2454	rVB2	73029	118341	1.12%	0.165%

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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	17.281	2454	2458	2463	rBV7	83148	123497	1.17%	0.173%
36	17.557	2499	2505	2511	rBV2	1657307	2542438	23.99%	3.552%
37	17.915	2560	2566	2571	rBV	996512	1310574	12.37%	1.831%
38	18.426	2648	2653	2658	rBV2	306411	449703	4.24%	0.628%
39	19.684	2863	2867	2873	rBV3	173733	274812	2.59%	0.384%
40	20.154	2941	2947	2954	rBV	7928533	10596672	100.00%	14.804%
41	21.846	3228	3235	3242	rVB	1725990	2833544	26.74%	3.958%
42	25.195	3796	3805	3819	rVB2	922610	2732702	25.79%	3.818%

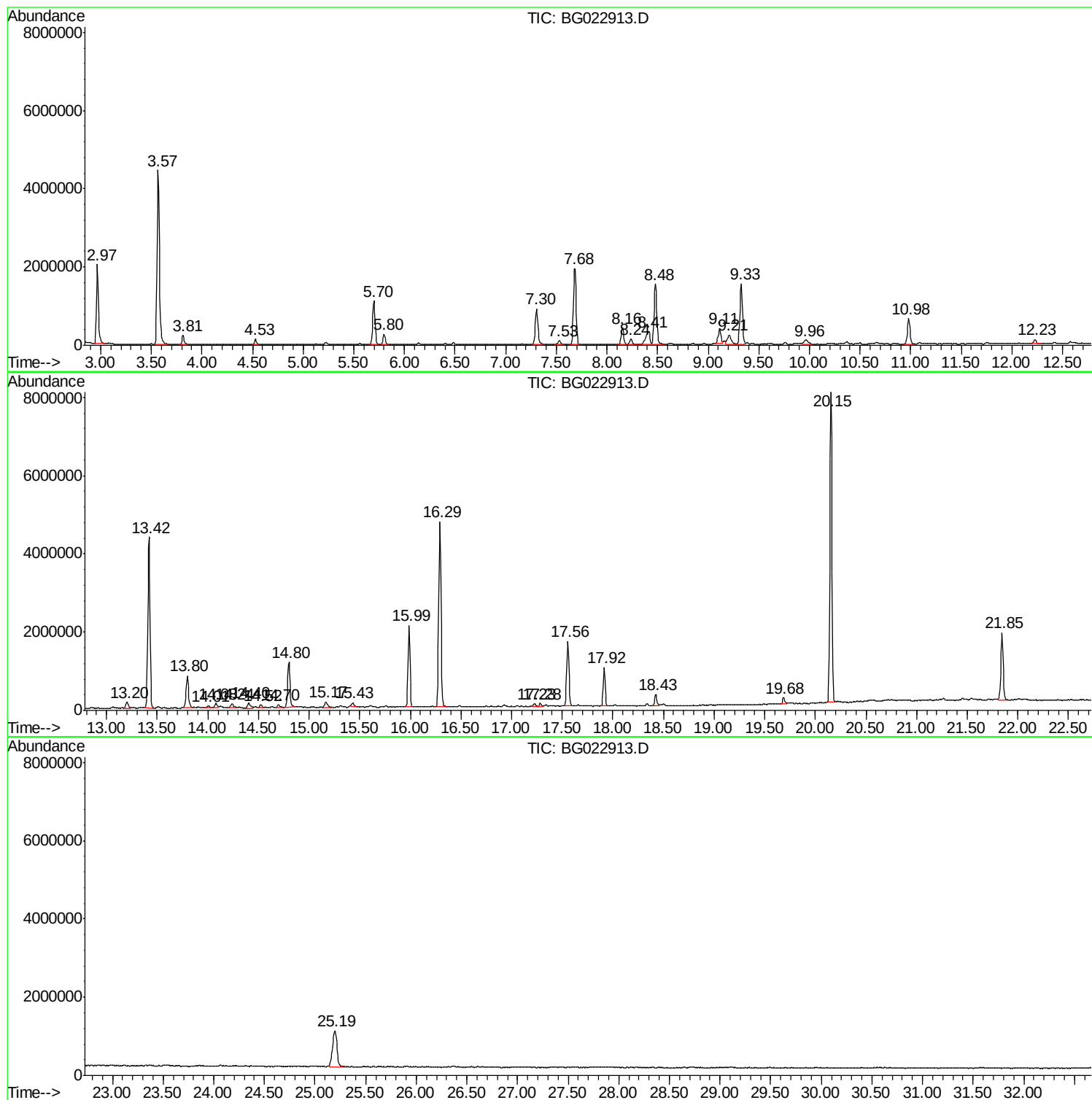
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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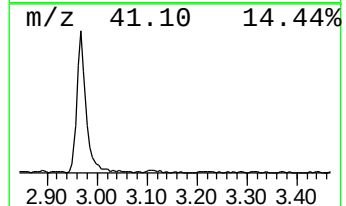
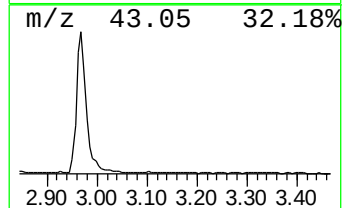
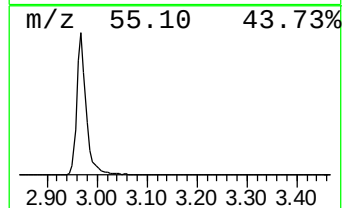
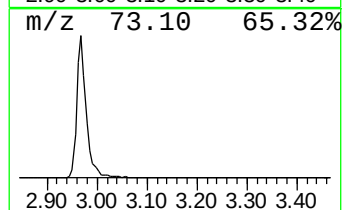
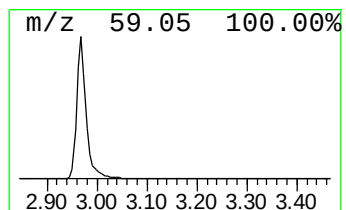
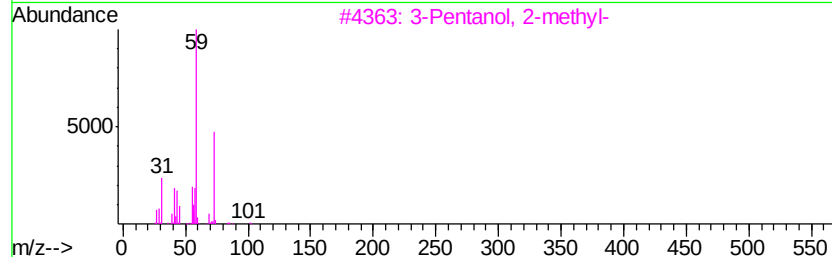
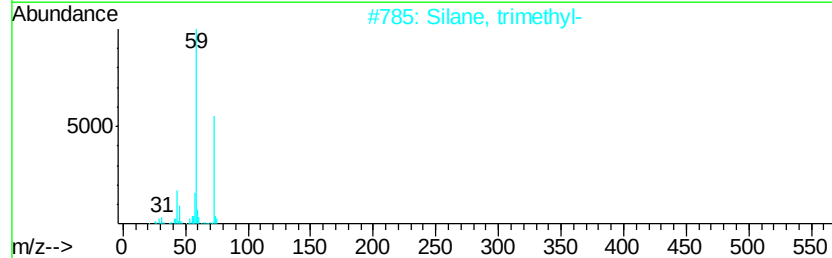
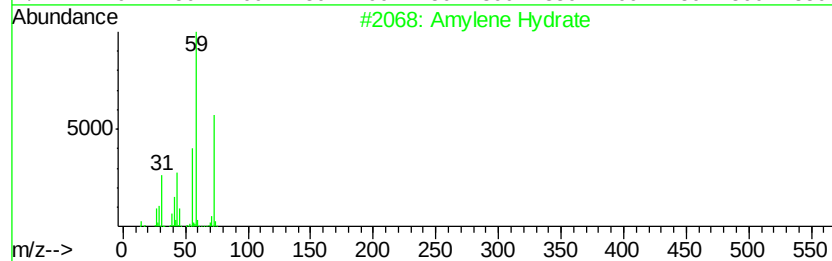
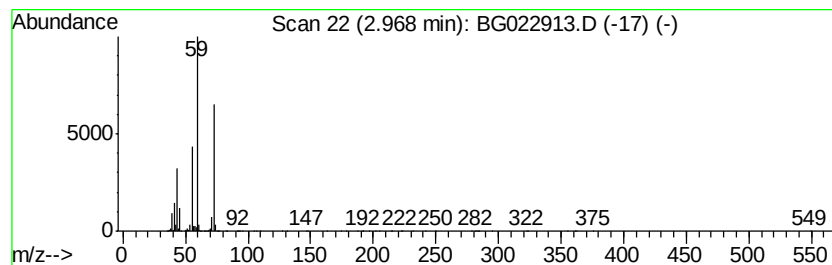
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Amylene Hydrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.97	72.38 ng	2667260	1,4-Dichlorobenzene-d4	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Amylene Hydrate	88	C5H12O	000075-85-4	83
2		Silane, trimethyl-	74	C3H10Si	000993-07-7	50
3		3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	40
4		Propanedioic acid, oxo-, dimethyl...	146	C5H6O5	003298-40-6	38
5		Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	36



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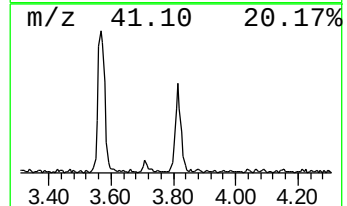
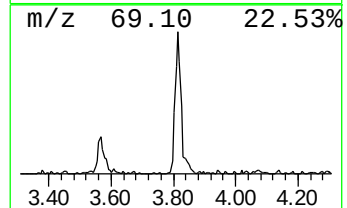
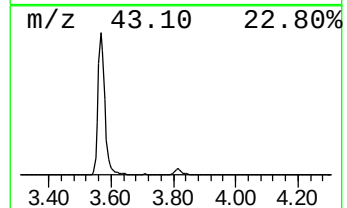
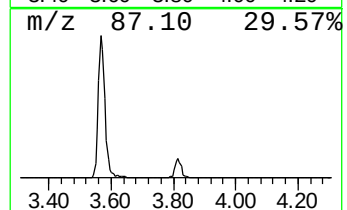
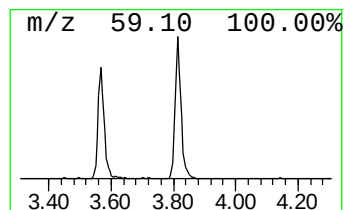
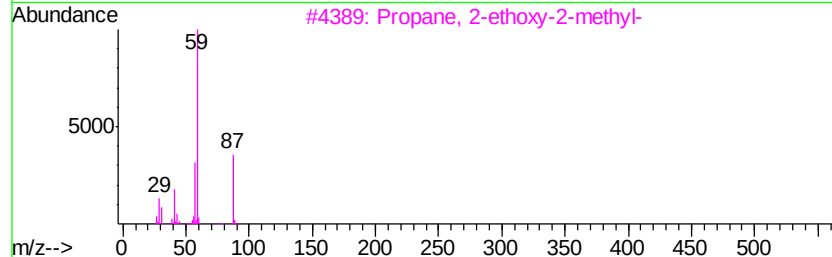
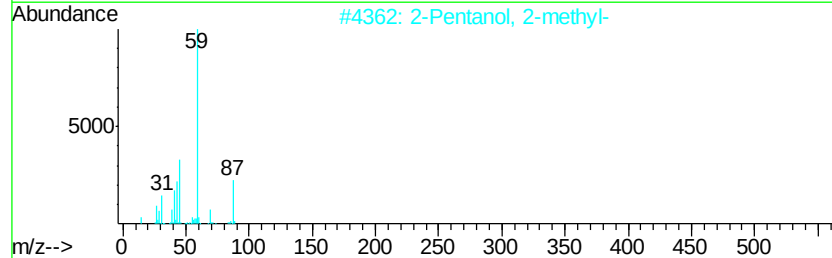
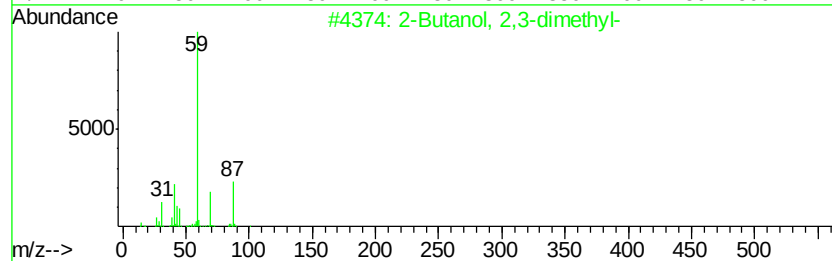
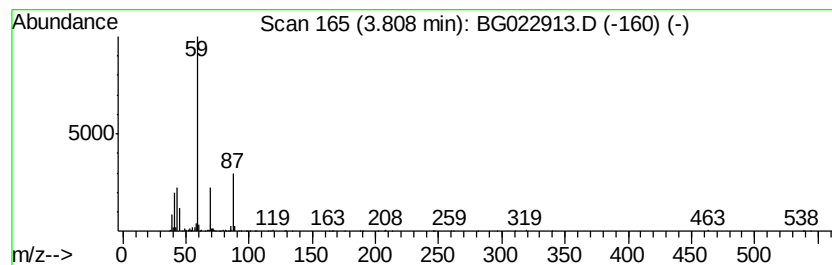
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Peak Number 2 2-Butanol, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.81	9.10 ng	335349	1,4-Dichlorobenzene-d4	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	72
2			2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	72
3			Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	50
4			t-Butyl ethyl ether	102	C6H14O	1000118-18-4	50
5			Propanoic acid, 2-hydroxy-2-meth...	118	C5H10O3	002110-78-3	40



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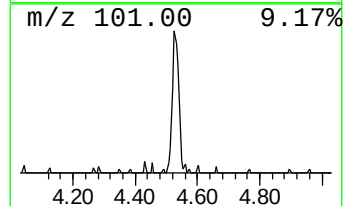
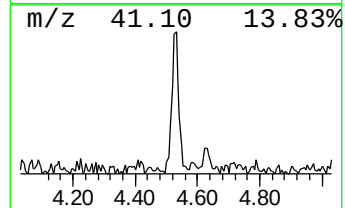
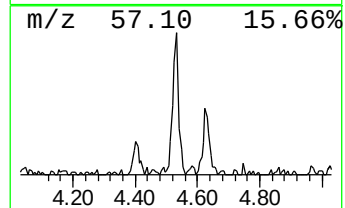
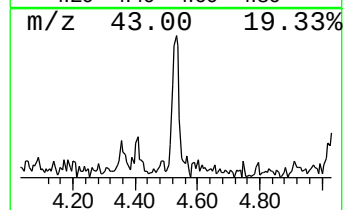
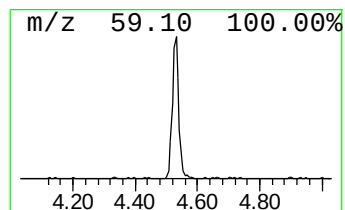
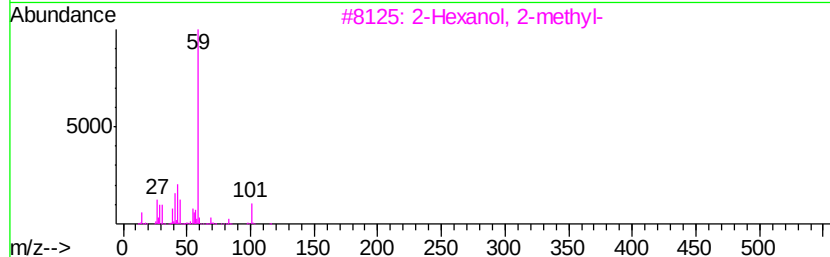
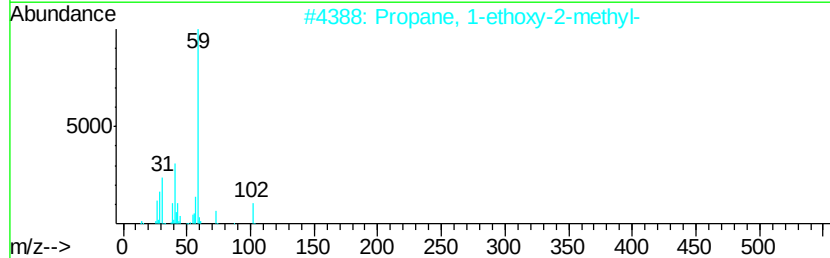
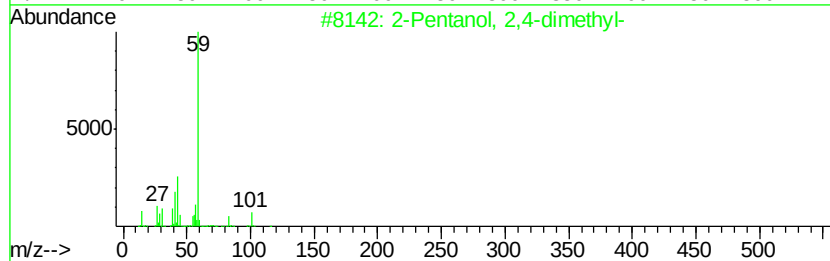
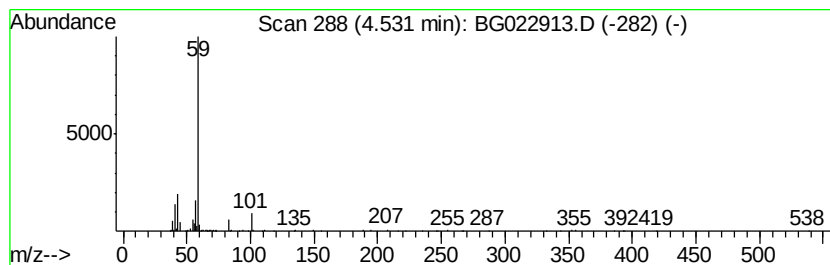
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanol, 2,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.53	5.50 ng	202844	1,4-Dichlorobenzene-d4	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	72
2			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	64
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	50
4			3-Octanol	130	C8H18O	000589-98-0	40
5			3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	40



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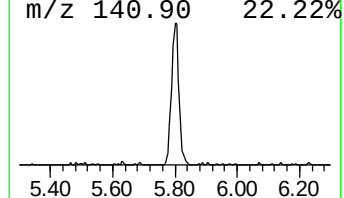
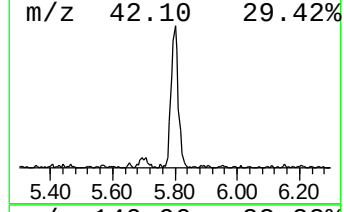
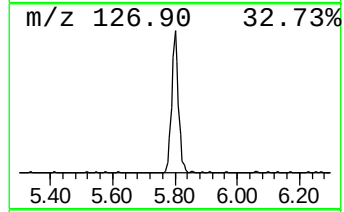
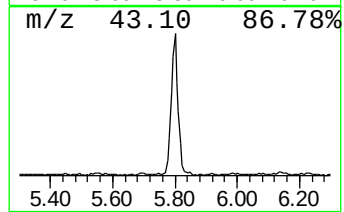
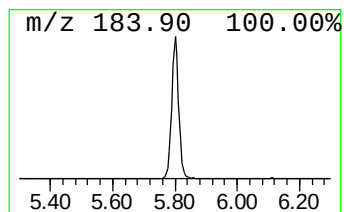
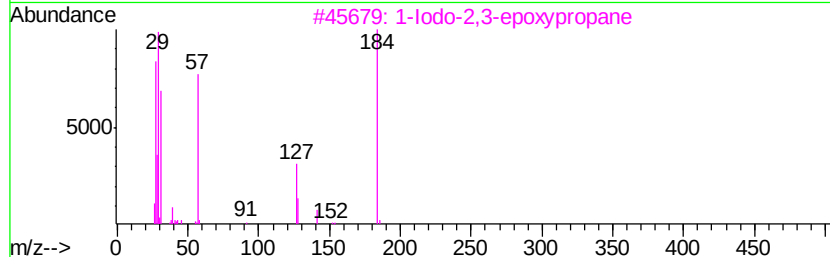
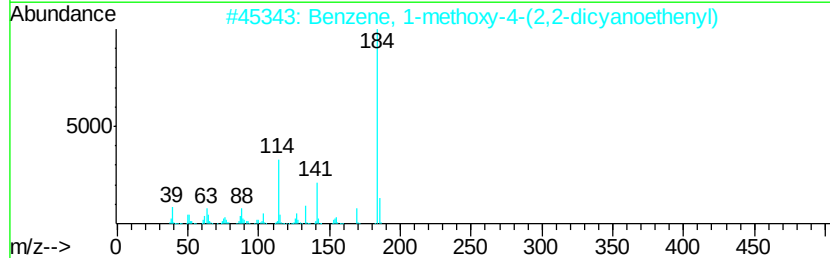
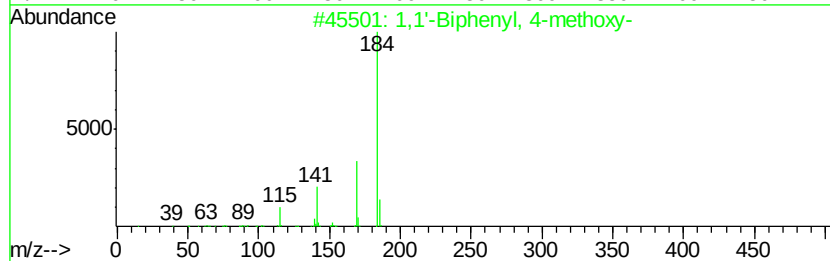
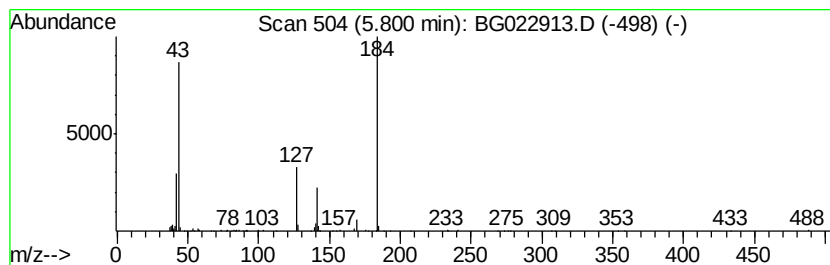
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1,1'-Biphenyl, 4-methoxy- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.80	12.20 ng	449534	1,4-Dichlorobenzene-d4	8.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methoxy-	184	C13H12O	000613-37-6	59
2	Benzene, 1-methoxy-4-(2,2-dicyan...	184	C11H8N2O	002826-26-8	28
3	1-Iodo-2,3-epoxypropane	184	C3H5IO	000624-57-7	28
4	4,6(1H,5H)-Pyrimidinedione, 2-am...	127	C4H5N3O2	004425-67-6	10
5	Oxazole-4-carboxylic acid, 2-met...	127	C5H5NO3	023012-17-1	10



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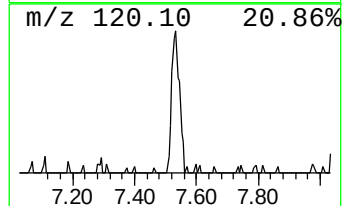
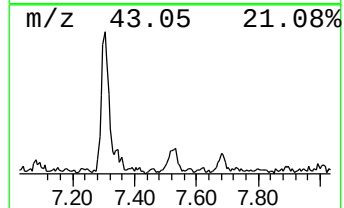
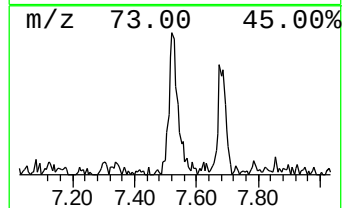
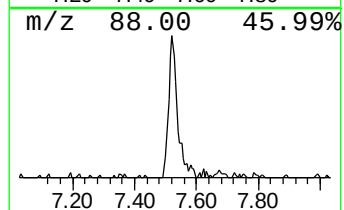
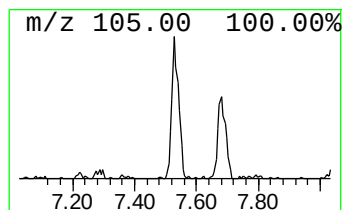
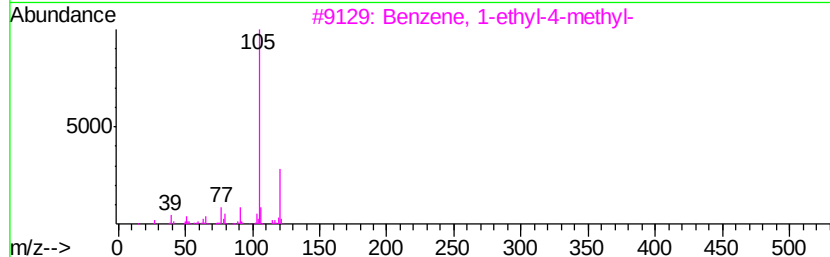
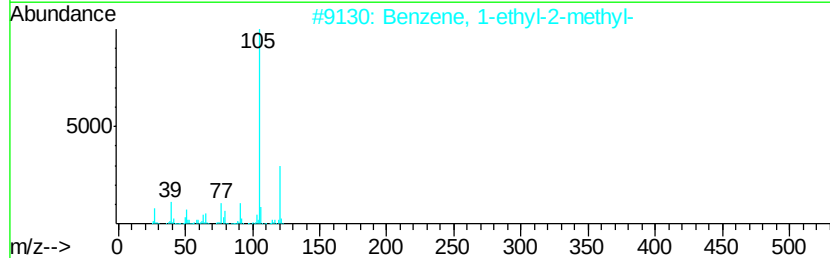
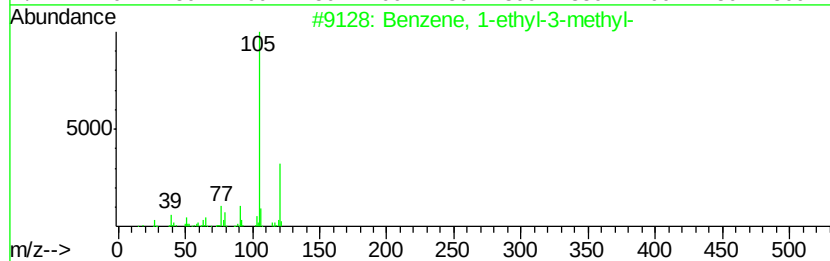
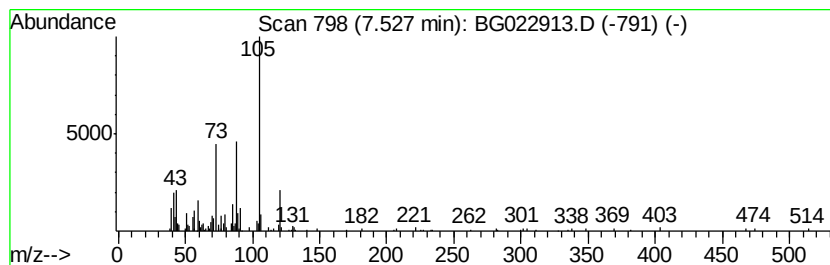
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 unknown7.53 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	5.25 ng	193350	1,4-Dichlorobenzene-d4	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	30
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	25
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	25
4		Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	18
5		Trimethylsilyl methyl sulfide	120	C4H12SSi	003908-55-2	16



Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022913.D
Acq On : 8 Jul 2016 2:43
Operator : UM/SJ
Sample : H3841-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-1

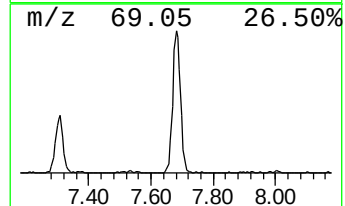
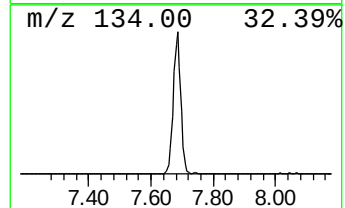
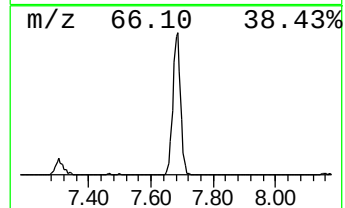
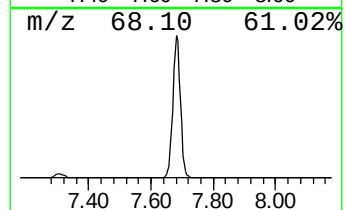
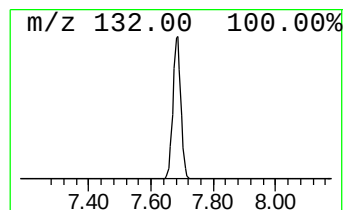
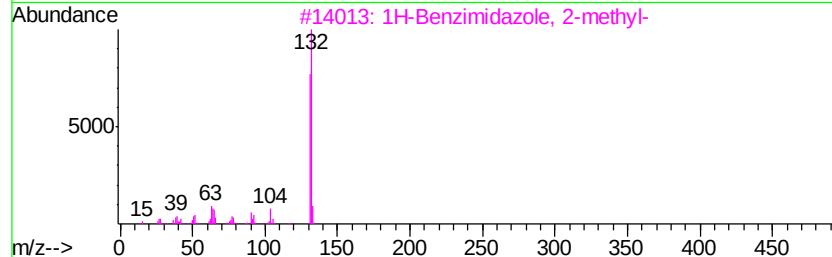
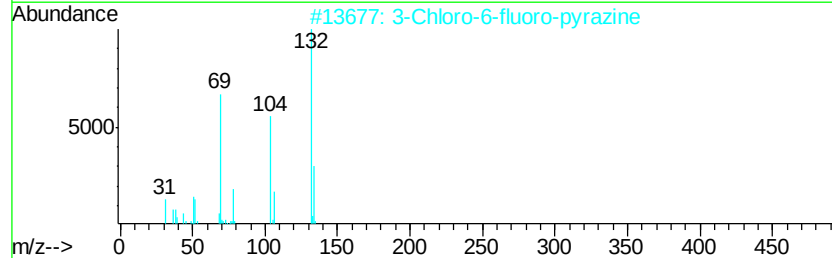
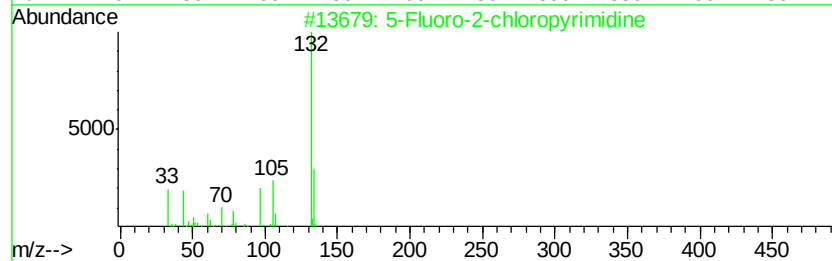
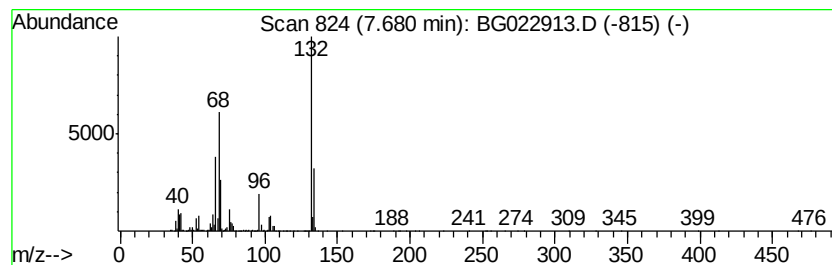
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	93.87 ng	3459030	1,4-Dichlorobenzene-d4	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4		Xenon	132	Xe	007440-63-3	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022913.D
Acq On : 8 Jul 2016 2:43
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Sample : H3841-01
Misc :
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ClientSampleId :
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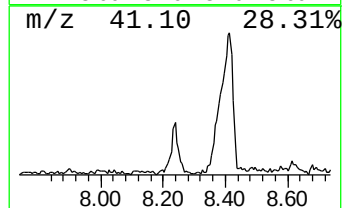
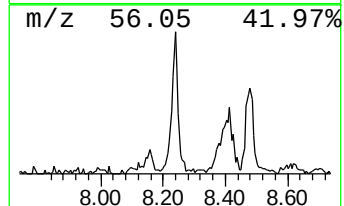
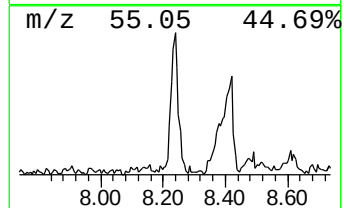
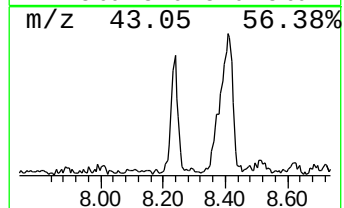
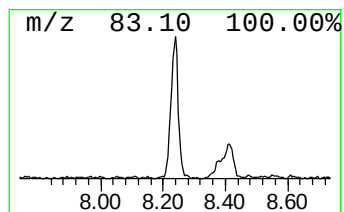
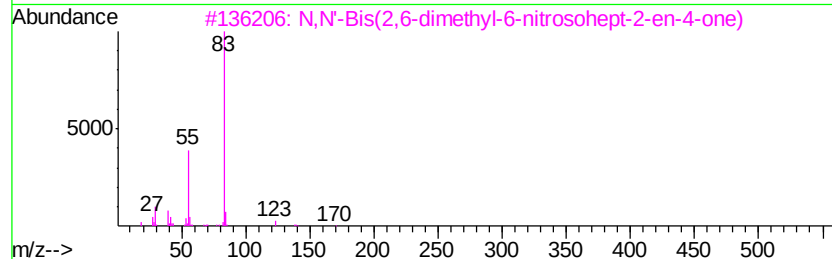
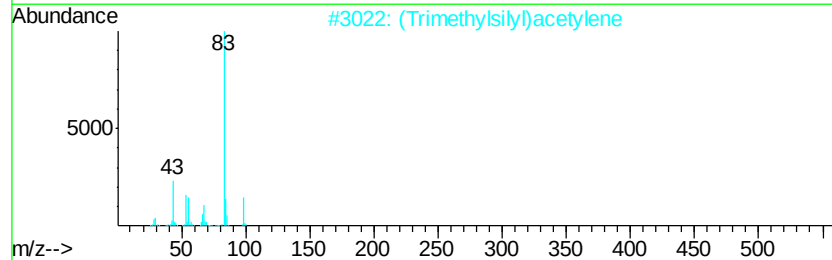
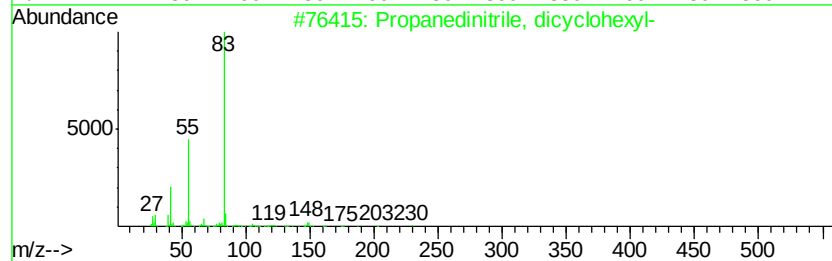
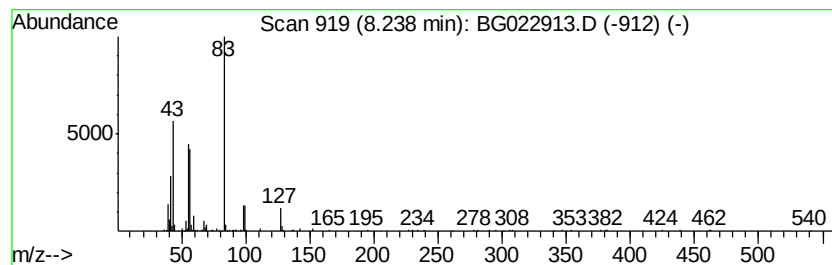
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown8.24 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	7.18 ng	264391	1,4-Dichlorobenzene-d4	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanedinitrile, dicyclohexyl-	230	C15H22N2	074764-28-6	38
2		(Trimethylsilyl)acetylene	98	C5H10Si	001066-54-2	37
3		N,N'-Bis(2,6-dimethyl-6-nitrosoh...	338	C18H30N2O4	066737-12-0	23
4		2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	18
5		2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	18



Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022913.D
Acq On : 8 Jul 2016 2:43
Operator : UM/SJ
Sample : H3841-01
Misc :
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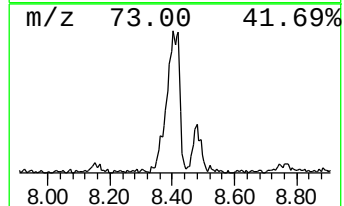
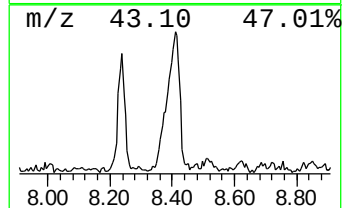
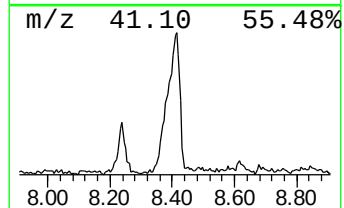
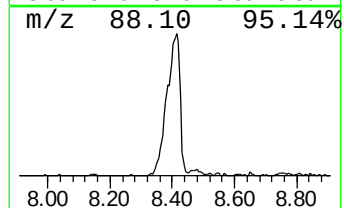
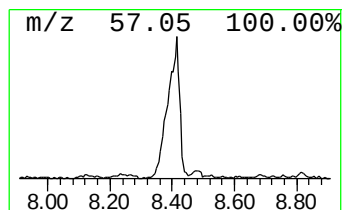
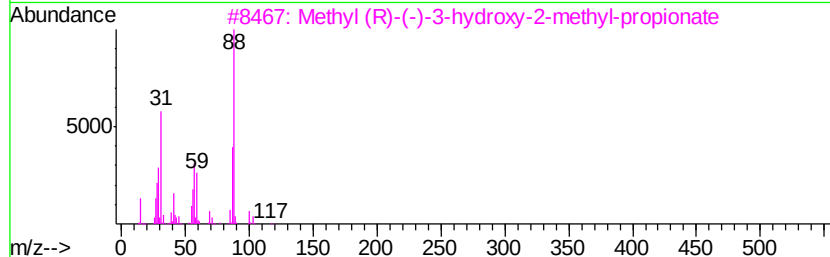
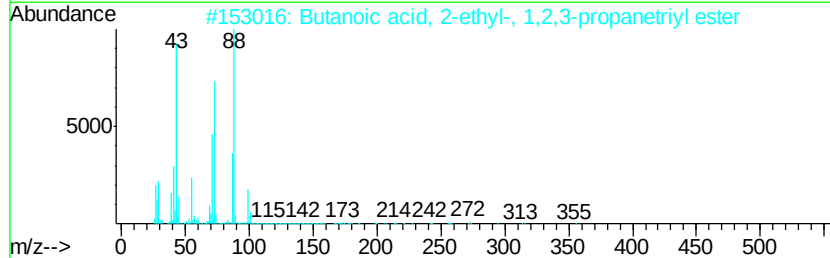
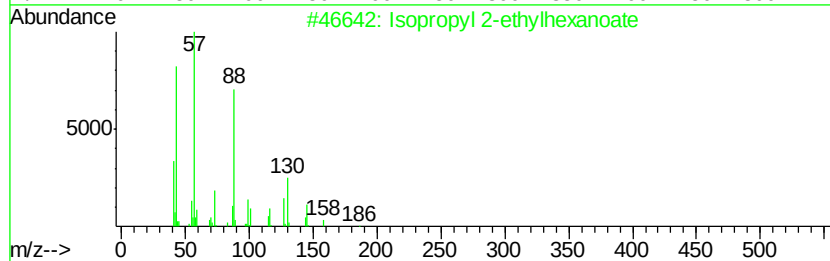
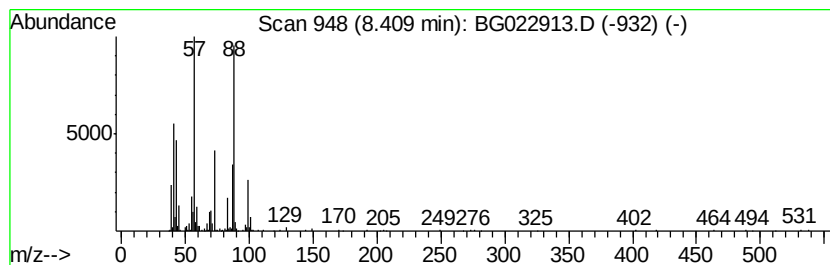
Instrument :
BNA_G
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Isopropyl 2-ethylhexanoate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.41	26.13 ng	963025	1,4-Dichlorobenzene-d4	8.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl 2-ethylhexanoate	186	C11H22O2	067024-46-8	78
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	50
3	Methyl (R)-(-)-3-hydroxy-2-methyl...	118	C5H10O3	072657-23-9	43
4	Methyl propionate	88	C4H8O2	000554-12-1	43
5	Propanedioic acid, dimethyl-, bi...	244	C13H24O4	057983-08-1	40



Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022913.D
Acq On : 8 Jul 2016 2:43
Operator : UM/SJ
Sample : H3841-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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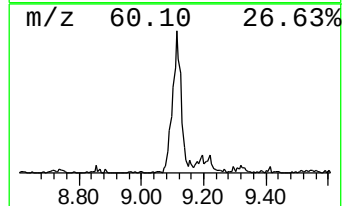
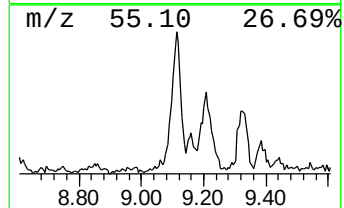
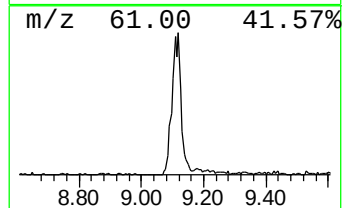
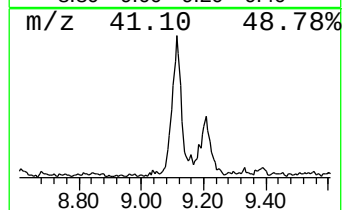
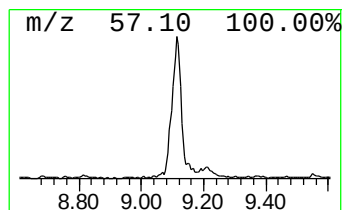
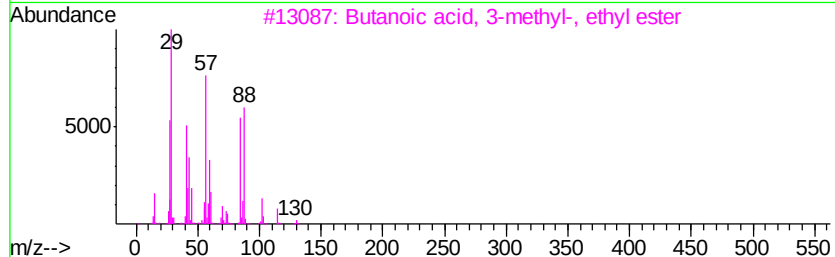
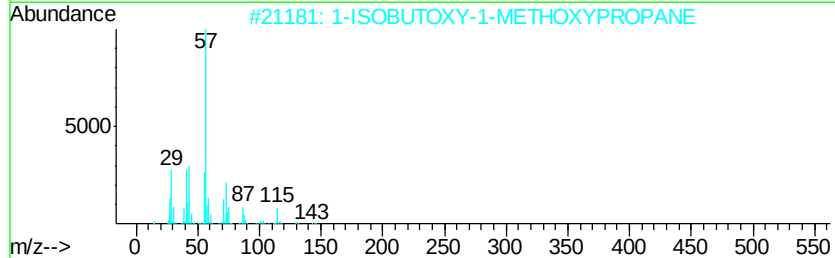
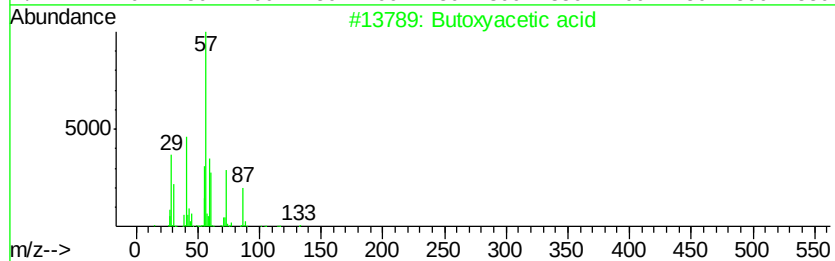
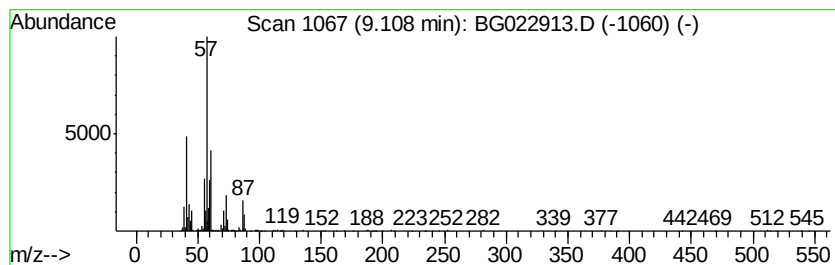
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Butoxyacetic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	20.90 ng	770275	1,4-Dichlorobenzene-d4	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butoxyacetic acid	132	C6H12O3	002516-93-0	50
2		1-ISOBUTOXY-1-METHOXYPROPANE	146	C8H18O2	1000245-16-6	38
3		Butanoic acid, 3-methyl-, ethyl ...	130	C7H14O2	000108-64-5	33
4		Pentanoic acid, 4-methyl-	116	C6H12O2	000646-07-1	32
5		Propene, 3-tert-butoxy-2-(isopro...	186	C11H22O2	023230-88-8	27



Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022913.D
Acq On : 8 Jul 2016 2:43
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Sample : H3841-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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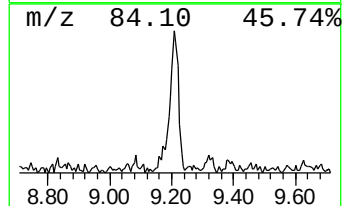
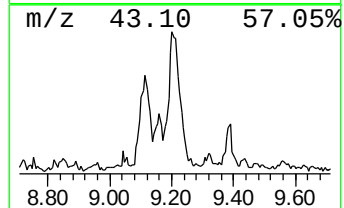
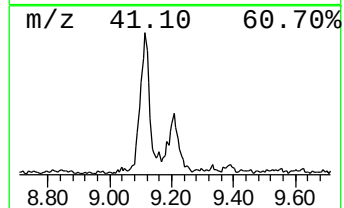
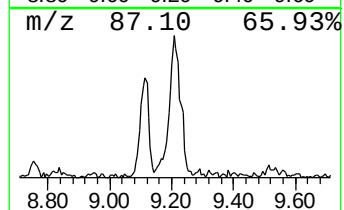
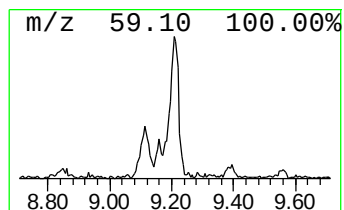
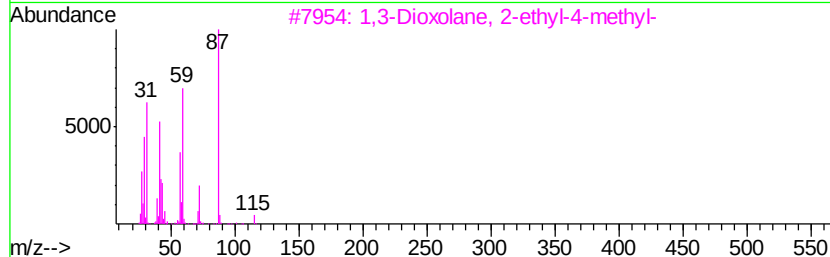
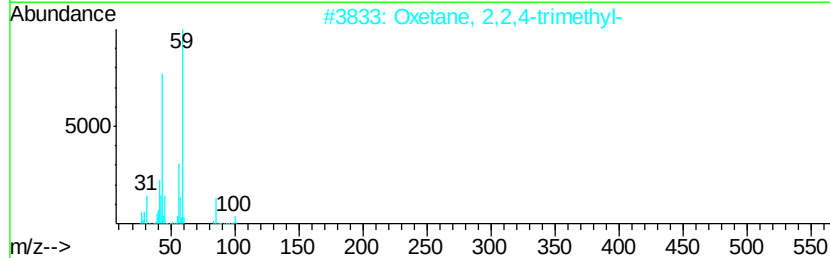
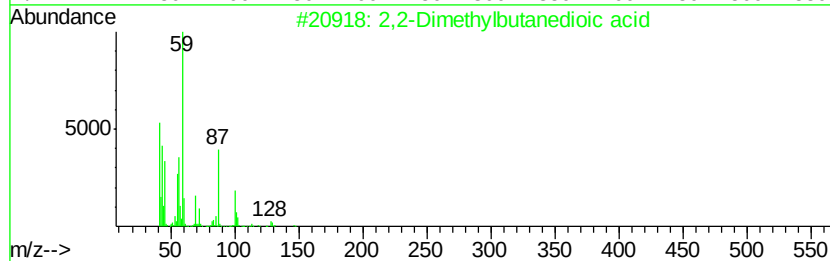
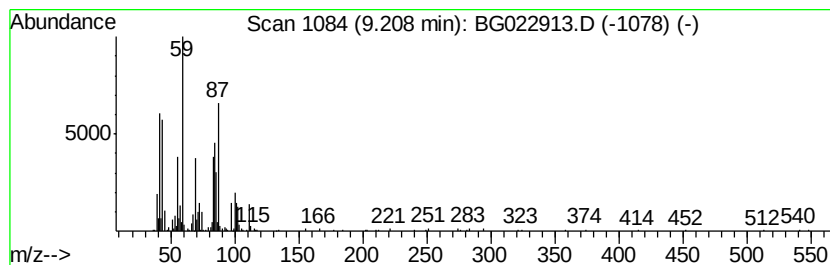
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown9.21 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	15.64 ng	576173	1,4-Dichlorobenzene-d4	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylbutanedioic acid	146	C6H10O4	000597-43-3	47		
2	Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	35		
3	1,3-Dioxolane, 2-ethyl-4-methyl-	116	C6H12O2	004359-46-0	32		
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	27		
5	Butanedioic acid, methyl-, dimet...	160	C7H12O4	001604-11-1	27		



Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
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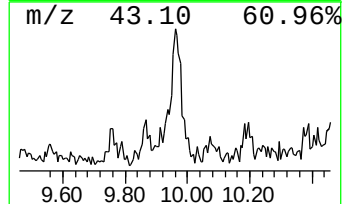
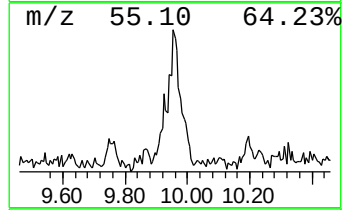
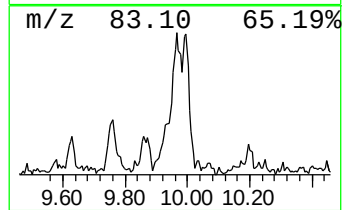
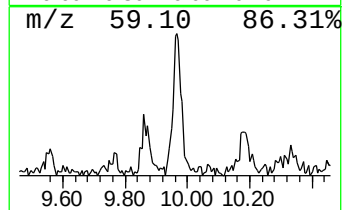
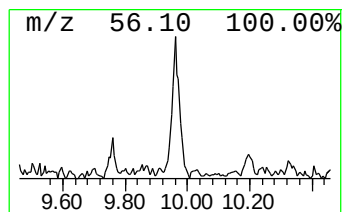
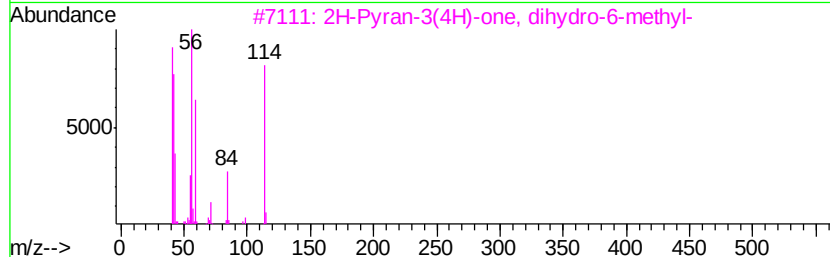
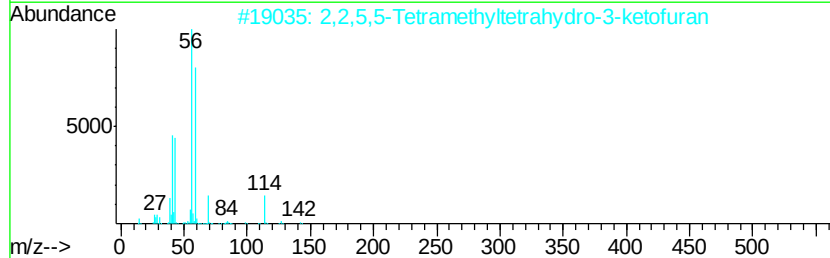
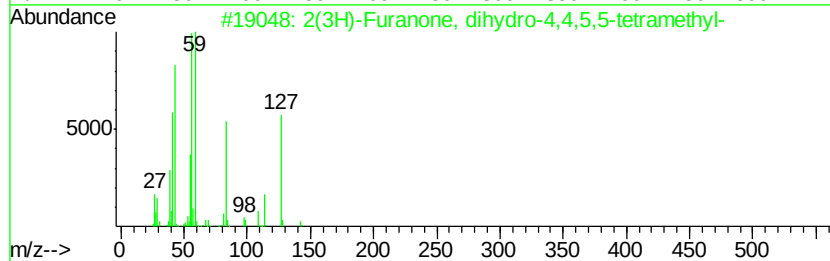
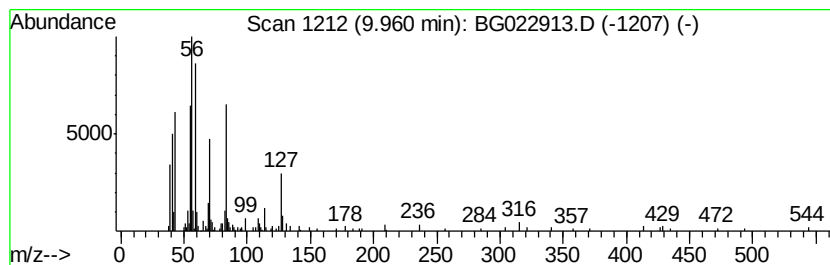
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2(3H)-Furanone, dihydro-4,4... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	4.94 ng	299144	Naphthalene-d8	10.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2(3H)-Furanone, dihydro-4,4,5,5-...	142	C8H14O2	016466-24-3	64
2			2,2,5,5-Tetramethyltetrahydro-3-...	142	C8H14O2	005455-94-7	49
3			2H-Pyran-3(4H)-one, dihydro-6-me...	114	C6H10O2	043152-89-2	38
4			1-Pentene, 3,4-dimethyl-	98	C7H14	007385-78-6	35
5			3-Octanol	130	C8H18O	000589-98-0	35



Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022913.D
Acq On : 8 Jul 2016 2:43
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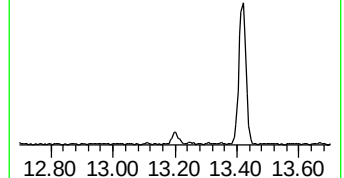
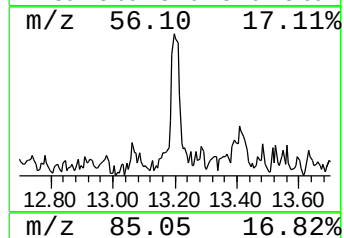
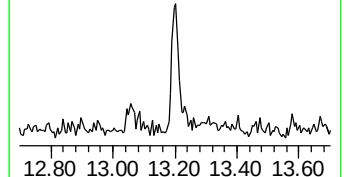
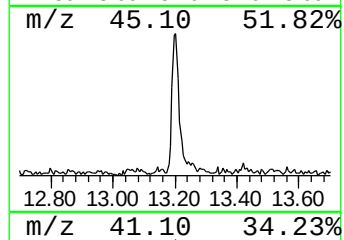
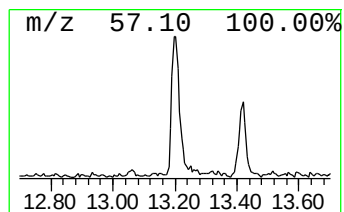
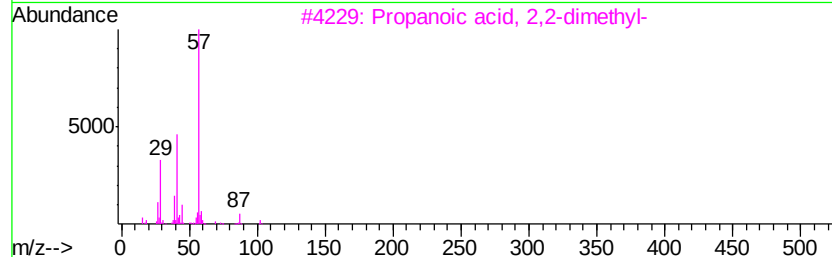
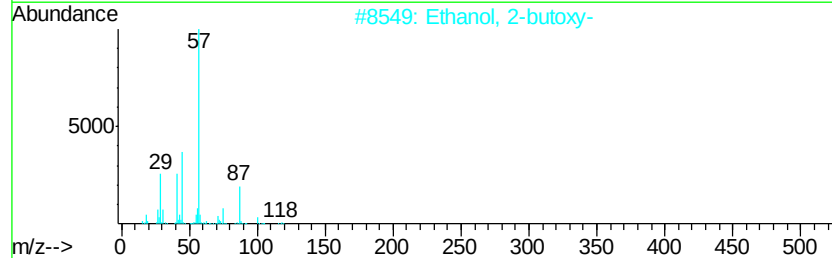
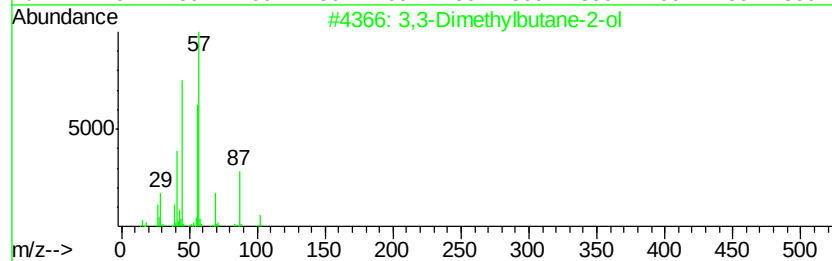
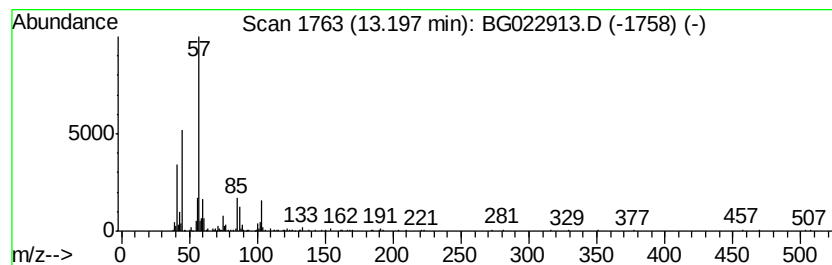
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown13.20 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	2.60 ng	251742	Acenaphthene-d10	14.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	38
2			Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	38
3			Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	14
4			Propyl 4,4-dimethyl-3-oxopentanoate	186	C10H18O3	077067-73-3	12
5			Acetic acid, trifluoro-	114	C2HF3O2	000076-05-1	12



Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022913.D
Acq On : 8 Jul 2016 2:43
Operator : UM/SJ
Sample : H3841-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-1

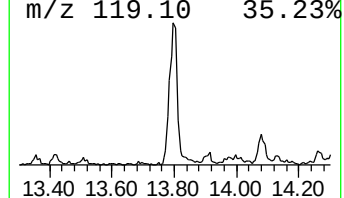
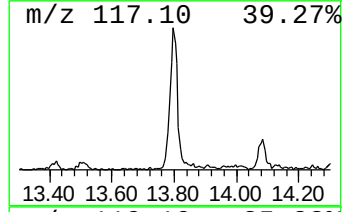
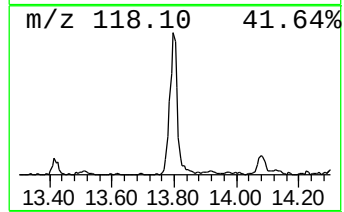
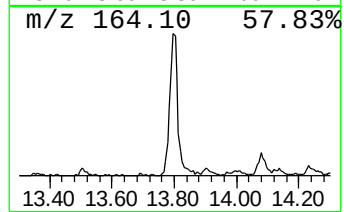
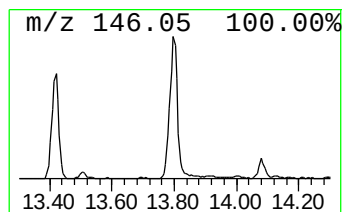
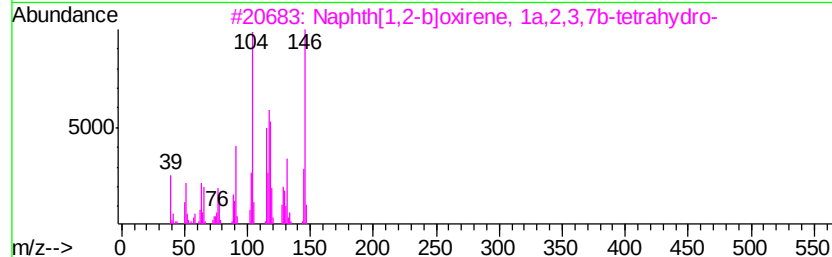
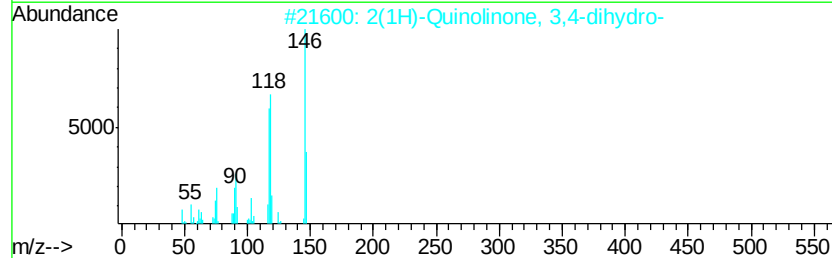
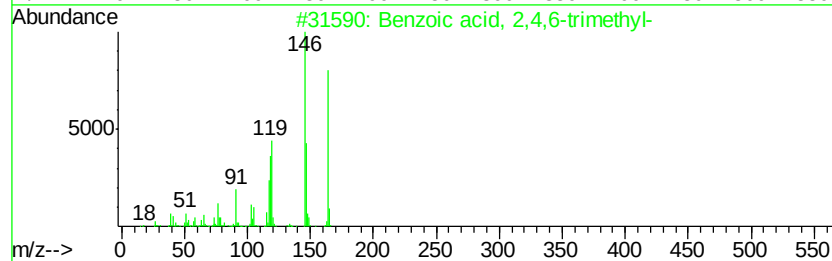
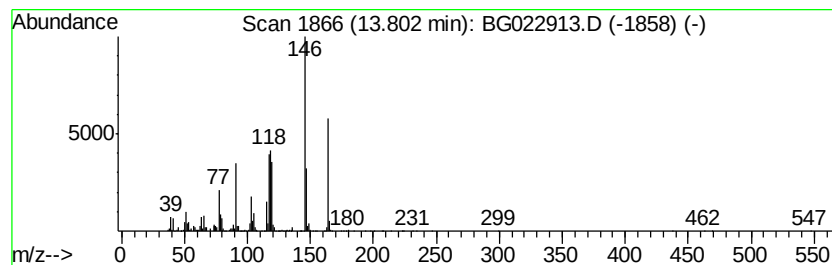
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzoic acid, 2,4,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	15.16 ng	1468310	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	53
2		2(1H)-Quinolinone, 3,4-dihydro-	147	C9H9NO	000553-03-7	53
3		Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	50
4		1H-Indole, 2,3-dihydro-5-nitro-	164	C8H8N2O2	032692-19-6	38
5		Benz[c]pyran-1,3-dione, 4,4-dime...	190	C11H10O3	031952-55-3	37



Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
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Acq On : 8 Jul 2016 2:43
Operator : UM/SJ
Sample : H3841-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

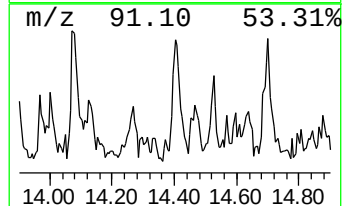
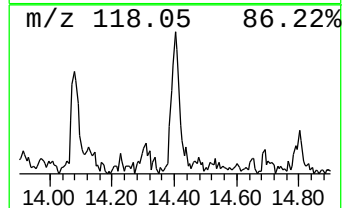
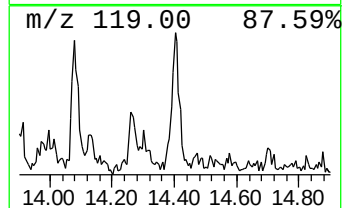
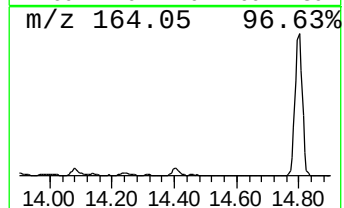
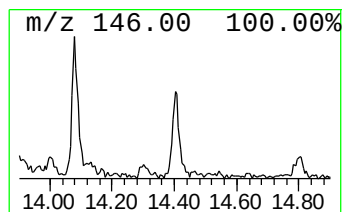
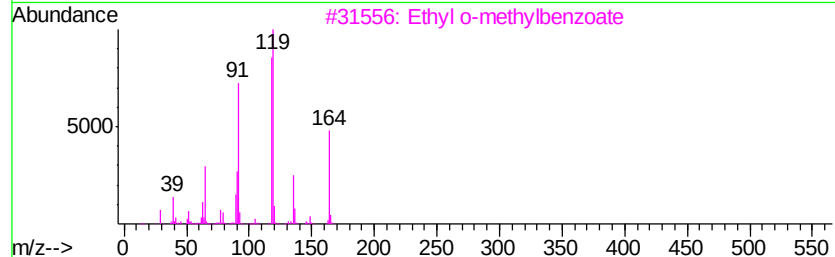
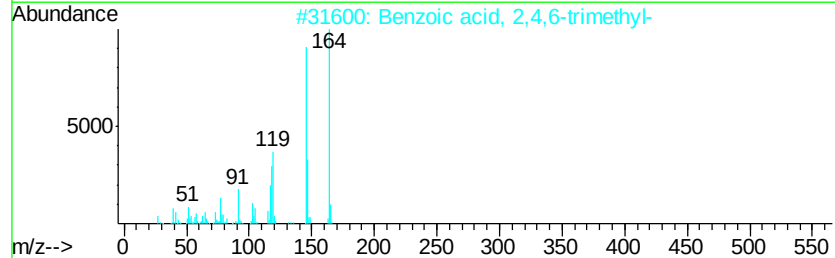
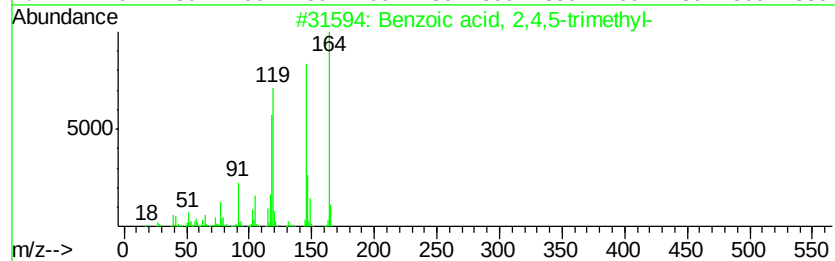
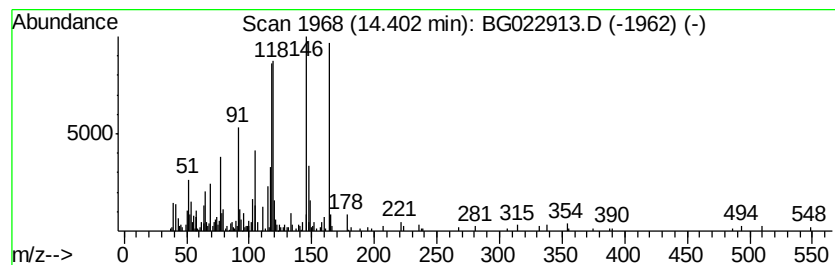
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BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzoic acid, 2,4,5-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.40	2.89 ng	279517	Acenaphthene-d10		14.80
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	91
2	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	87
3	Ethyl o-methylbenzoate	164	C10H12O2	000087-24-1	52
4	1,5-Naphthyridin-4-ol	146	C8H6N2O	005423-54-1	38
5	Aziridine, 1-phenyl-	119	C8H9N	000696-18-4	15



Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022913.D
Acq On : 8 Jul 2016 2:43
Operator : UM/SJ
Sample : H3841-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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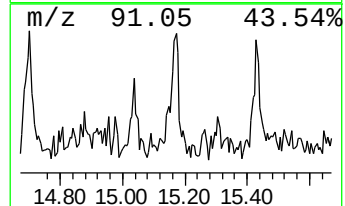
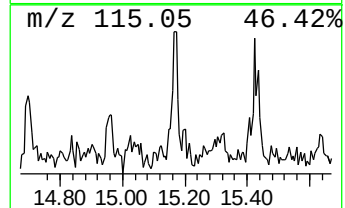
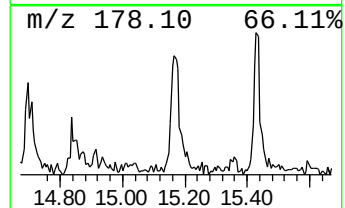
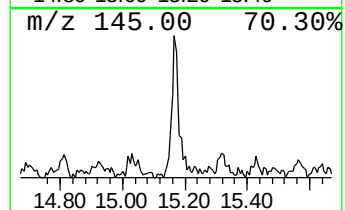
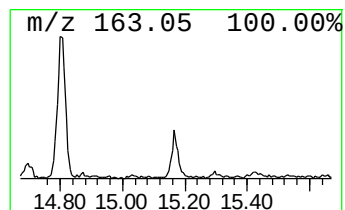
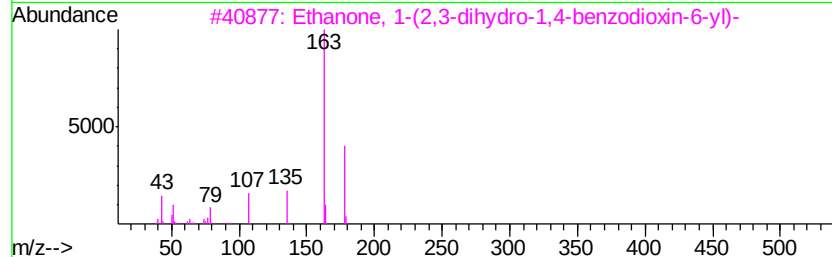
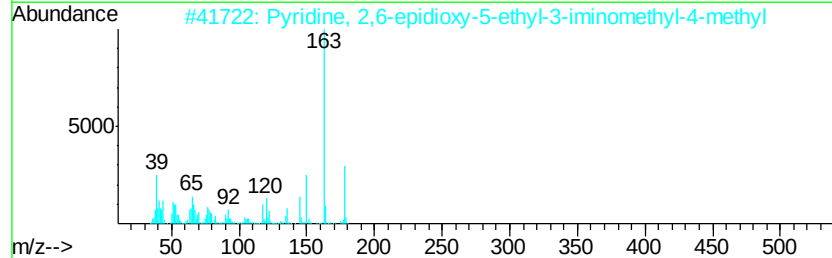
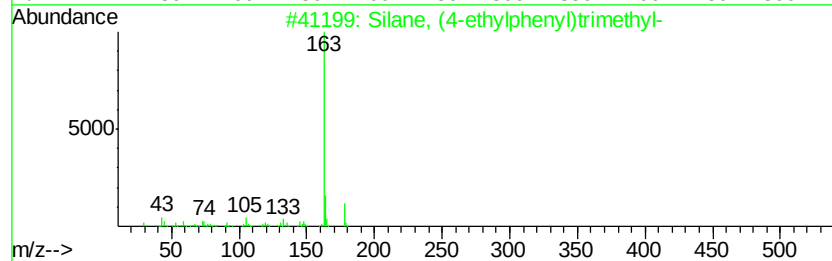
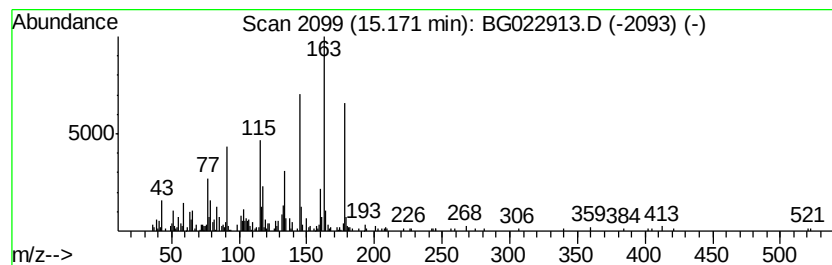
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Silane, (4-ethylphenyl)trim... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	2.46 ng	237807	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, (4-ethylphenyl)trimethyl-	178	C11H18Si	017988-50-0	50
2		Pyridine, 2,6-epidioxv-5-ethyl-3...	178	C9H10N2O2	1000263-31-1	50
3		Ethanone, 1-(2,3-dihydro-1,4-ben...	178	C10H10O3	002879-20-1	49
4		Benzene, 1-(1,1-dimethylethyl)-2...	178	C12H18O	000088-40-4	47
5		.delta.2-1,3,4-Oxadiazolin-5-one...	163	C7H5N3O2	002845-82-1	30



Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022913.D
Acq On : 8 Jul 2016 2:43
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Sample : H3841-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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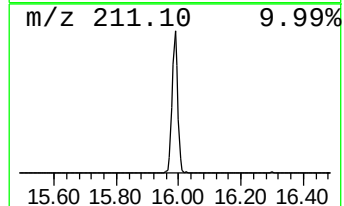
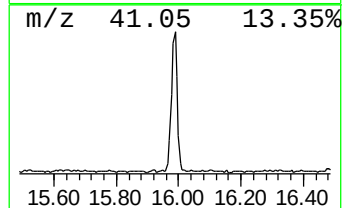
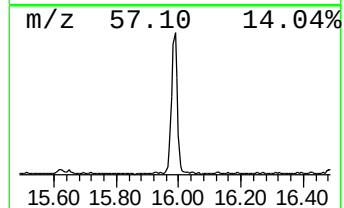
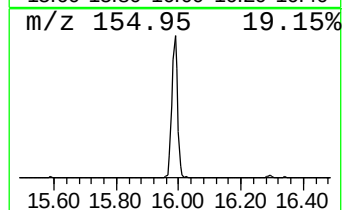
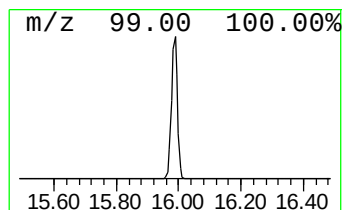
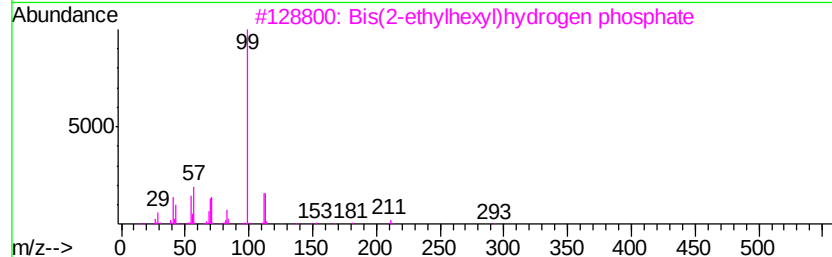
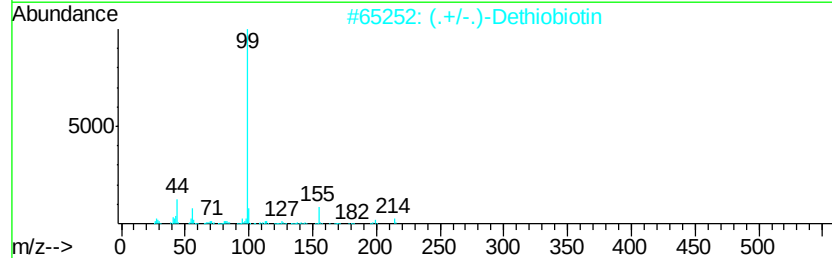
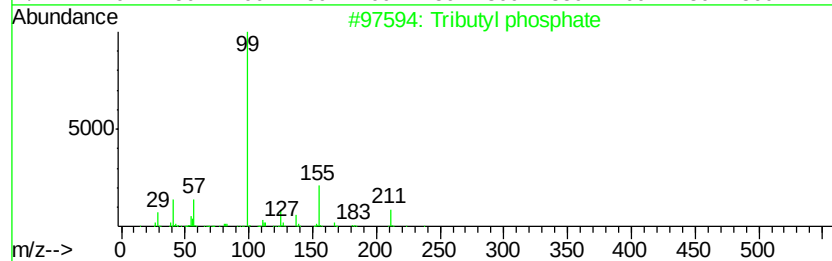
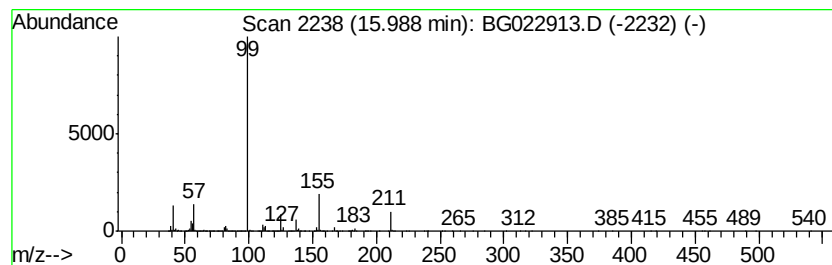
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tributyl phosphate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	28.65 ng	2774970	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tributyl phosphate	266	C12H27O4P	000126-73-8	91
2		(.+/-)-Dethiobiotin	214	C10H18N2O3	000636-20-4	36
3		Bis(2-ethylhexyl)hydrogen phosphate	322	C16H35O4P	000298-07-7	33
4		3-Hydroxy-2,3,4,4-tetramethyl-pe...	202	C11H22O3	1000194-64-5	25
5		1,4-Dioxaspiro[4.6]undec-7-ene	154	C9H14O2	007140-60-5	9



Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022913.D
Acq On : 8 Jul 2016 2:43
Operator : UM/SJ
Sample : H3841-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-1

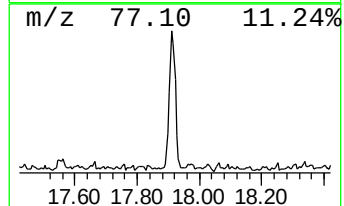
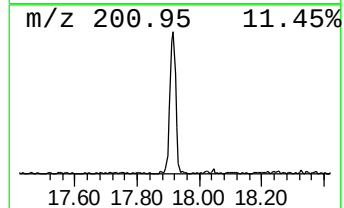
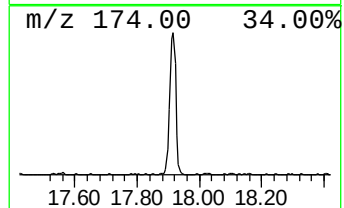
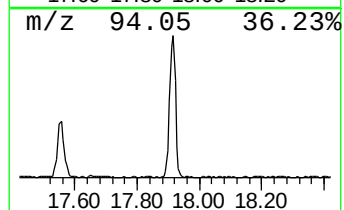
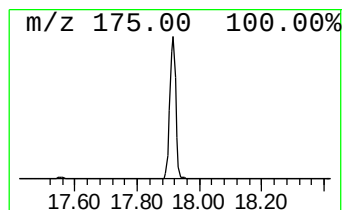
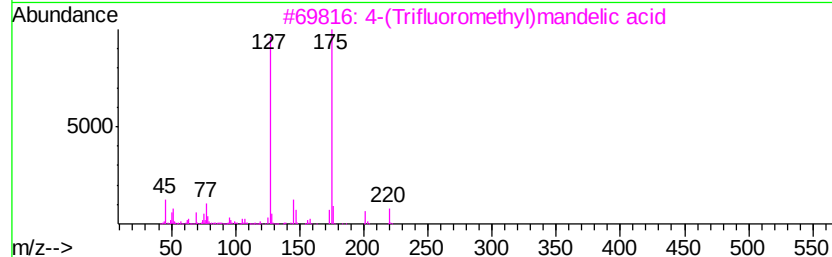
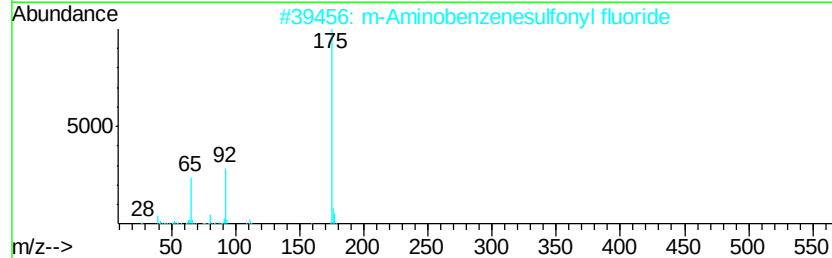
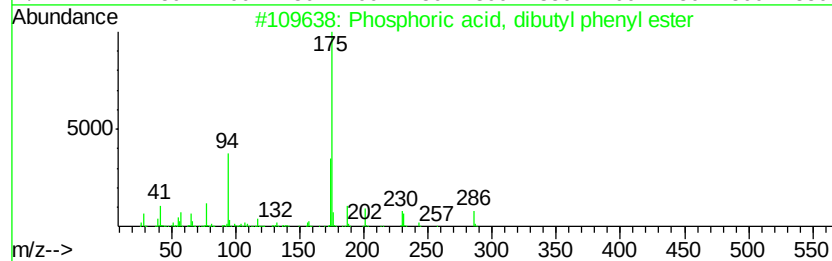
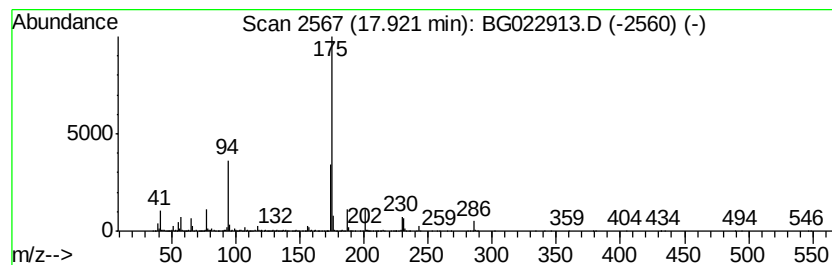
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Phosphoric acid, dibutyl ph... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	10.31 ng	1310570	Phenanthrene-d10	17.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phosphoric acid, dibutyl phenyl ...	286	C14H23O4P	002528-36-1	98
2		m-Aminobenzenesulfonyl fluoride	175	C6H6FN02S	000368-50-3	32
3		4-(Trifluoromethyl)mandelic acid	220	C9H7F3O3	000395-35-7	25
4		2,3,4,5-Tetrafluorobenzonitrile	175	C7HF4N	016582-93-7	9
5		5-Fluoro-4-chloro-2-dimethylamin...	175	C6H7ClFN3	1000070-49-0	9



Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022913.D
Acq On : 8 Jul 2016 2:43
Operator : UM/SJ
Sample : H3841-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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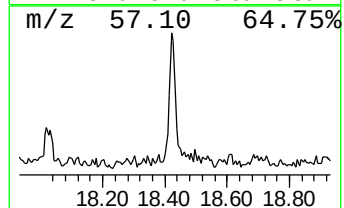
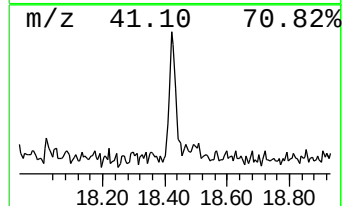
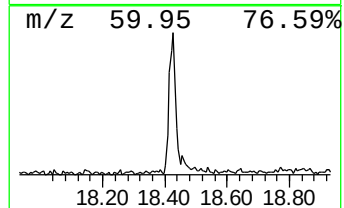
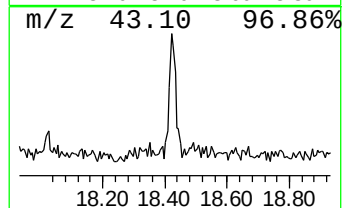
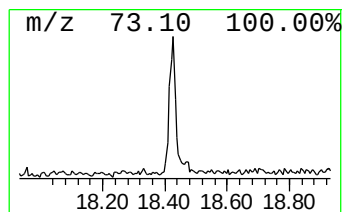
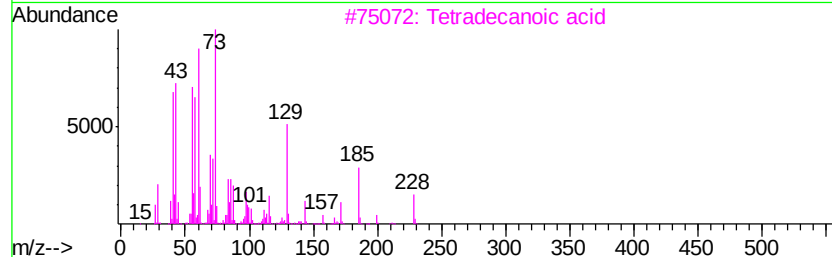
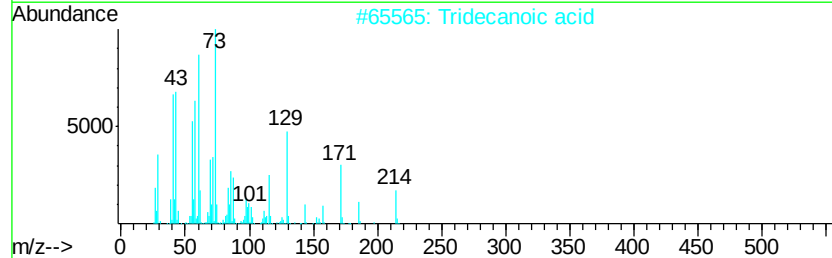
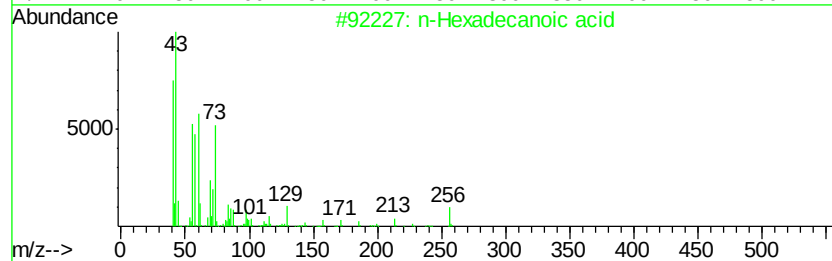
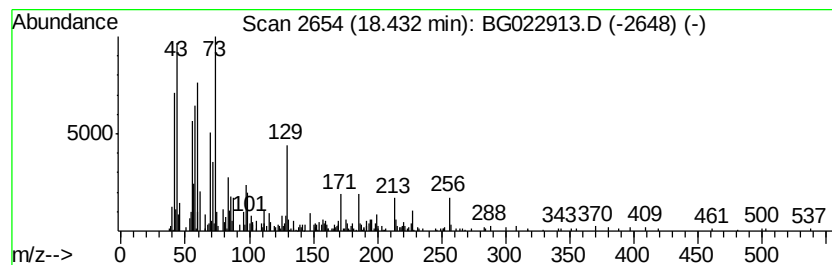
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	3.54 ng	449703	Phenanthrene-d10	17.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2			Tridecanoic acid	214	C13H26O2	000638-53-9	95
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	78
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5			n-Decanoic acid	172	C10H20O2	000334-48-5	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070816\
 Data File : BG022913.D
 Acq On : 8 Jul 2016 2:43
 Operator : UM/SJ
 Sample : H3841-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

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
Amylene Hydrate	2.97	72.4	ng	2667260	1	8.16	736971	20.0
2-Butanol, 2,3-di...	3.81	9.1	ng	335349	1	8.16	736971	20.0
2-Pentanol, 2,4-d...	4.53	5.5	ng	202844	1	8.16	736971	20.0
1,1'-Biphenyl, 4-...	5.80	12.2	ng	449534	1	8.16	736971	20.0
unknown7.53	7.53	5.3	ng	193350	1	8.16	736971	20.0
unknown7.68	7.68	93.9	ng	3459030	1	8.16	736971	20.0
unknown8.24	8.24	7.2	ng	264391	1	8.16	736971	20.0
Isopropyl 2-ethyl...	8.41	26.1	ng	963025	1	8.16	736971	20.0
Butoxyacetic acid	9.11	20.9	ng	770275	1	8.16	736971	20.0
unknown9.21	9.21	15.6	ng	576173	1	8.16	736971	20.0
2(3H)-Furanone, d...	9.96	4.9	ng	299144	2	10.98	1209970	20.0
1-Adamantanol	12.23	3.2	ng	196042	2	10.98	1209970	20.0
unknown13.20	13.20	2.6	ng	251742	3	14.80	1936900	20.0
Benzoic acid, 2,4...	13.80	15.2	ng	1468310	3	14.80	1936900	20.0
Benzoic acid, 2,4...	14.40	2.9	ng	279517	3	14.80	1936900	20.0
Silane, (4-ethylp...	15.17	2.5	ng	237807	3	14.80	1936900	20.0
Tributyl phosphate	15.99	28.6	ng	2774970	3	14.80	1936900	20.0
Phosphoric acid, ...	17.92	10.3	ng	1310570	4	17.56	2542440	20.0
n-Hexadecanoic acid	18.43	3.5	ng	449703	4	17.56	2542440	20.0