

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
 Data File : BG017086.D
 Acq On : 12 May 2015 17:07
 Operator : TP/IZ
 Sample : G2194-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TU021-TW-03

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-BG050515.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	2.808	15	20	29	rBV	133200	219528	1.37%	0.327%
2	2.884	29	33	41	rVB	305767	386394	2.42%	0.575%
3	5.305	439	445	451	rBV	427064	632202	3.96%	0.941%
4	6.915	712	719	727	rBV	308139	489188	3.06%	0.728%
5	7.256	770	777	783	rBV	795676	1228462	7.69%	1.828%
6	7.714	844	855	859	rBV2	201842	386158	2.42%	0.575%
7	8.037	904	910	916	rVB	572673	904117	5.66%	1.346%
8	8.766	1013	1034	1039	rBV2	371114	1262930	7.90%	1.880%
9	8.877	1047	1053	1061	rVV	566351	945906	5.92%	1.408%
10	9.271	1113	1120	1126	rBV	148328	233523	1.46%	0.348%
11	9.694	1126	1192	1207	rVV2	1600029	15977603	100.00%	23.778%
12	9.929	1226	1232	1238	rVB5	182150	395044	2.47%	0.588%
13	10.058	1248	1254	1261	rVB3	89136	173318	1.08%	0.258%
14	10.511	1320	1331	1336	rBV	244358	442388	2.77%	0.658%
15	11.709	1530	1535	1539	rVV	155679	230790	1.44%	0.343%
16	11.756	1539	1543	1544	rVV	142327	183150	1.15%	0.273%
17	11.780	1545	1547	1551	rVV	174650	234799	1.47%	0.349%
18	11.821	1551	1554	1559	rVV2	145122	212875	1.33%	0.317%
19	11.962	1573	1578	1582	rVV	455938	744807	4.66%	1.108%
20	12.009	1582	1586	1590	rVV2	514619	782748	4.90%	1.165%
21	12.050	1590	1593	1603	rVB2	116912	197095	1.23%	0.293%
22	12.238	1618	1625	1632	rVB	383478	648037	4.06%	0.964%
23	12.849	1716	1729	1735	rBV	1321356	3075896	19.25%	4.578%
24	12.990	1747	1753	1759	rVB	1365211	1978757	12.38%	2.945%
25	13.272	1790	1801	1806	rBV3	103951	205530	1.29%	0.306%
26	14.371	1977	1988	1995	rBV2	341653	589352	3.69%	0.877%
27	14.747	2034	2052	2056	rBV	2918326	9135598	57.18%	13.596%
28	15.193	2106	2128	2131	rBV	3435851	12048837	75.41%	17.931%
29	15.387	2156	2161	2171	rVB	468658	605654	3.79%	0.901%
30	15.611	2194	2199	2203	rBV	608955	715625	4.48%	1.065%
31	15.869	2236	2243	2251	rBV	1443612	2103550	13.17%	3.131%
32	16.075	2273	2278	2290	rVB3	99561	200690	1.26%	0.299%
33	17.115	2446	2455	2463	rVB	475476	721506	4.52%	1.074%
34	18.025	2605	2610	2618	rBV	835287	1136717	7.11%	1.692%

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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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.312	2823	2829	2840	rVV	1783944	2456299	15.37%	3.656%
36	19.747	2898	2903	2909	rVB	2810346	3576331	22.38%	5.322%
37	21.298	3162	3167	3172	rVB	663543	790659	4.95%	1.177%
38	22.485	3365	3369	3373	rBV	115829	159836	1.00%	0.238%
39	23.566	3546	3553	3561	rBV2	409585	782610	4.90%	1.165%

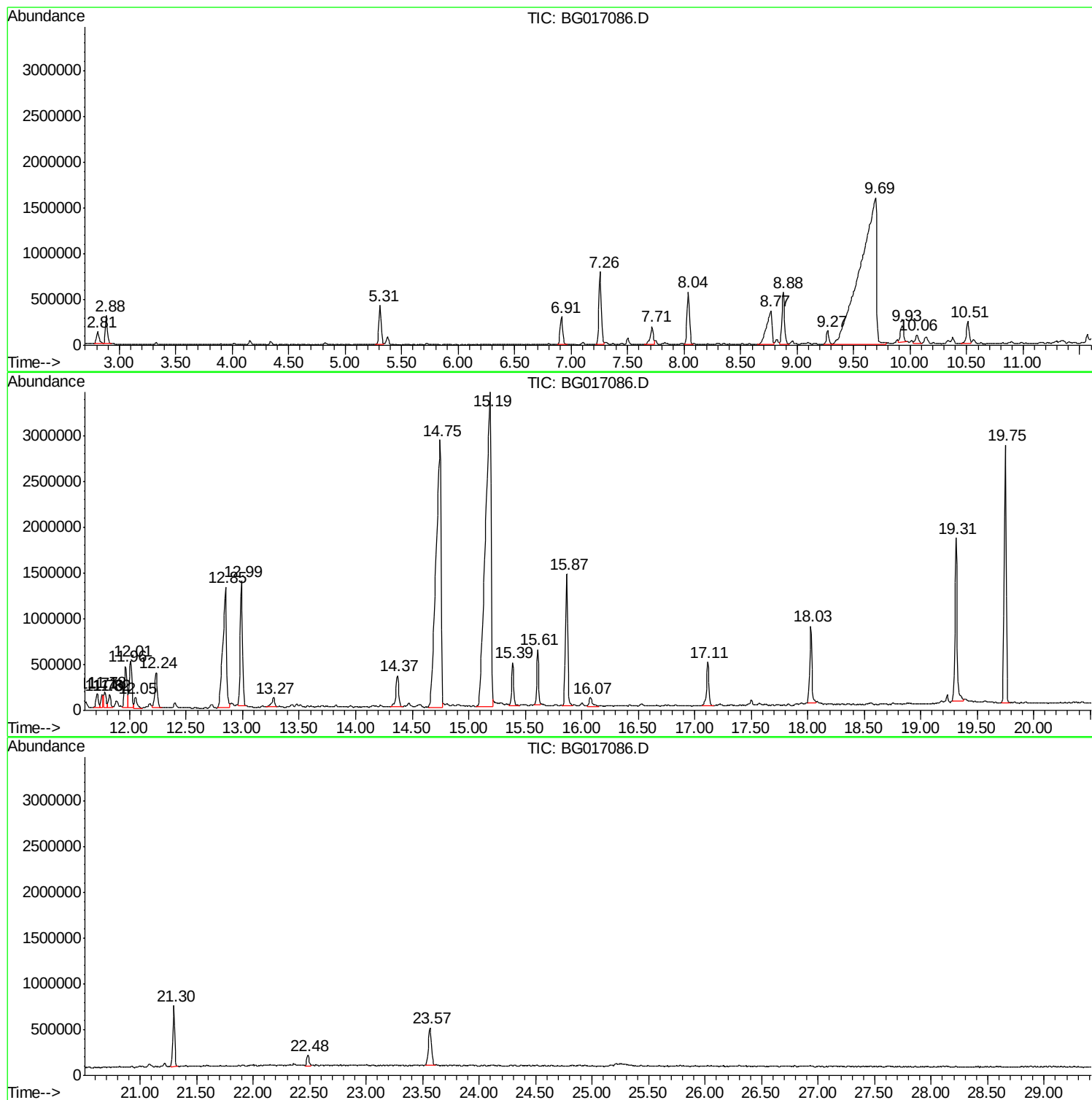
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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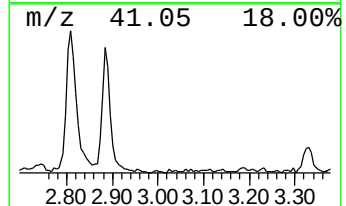
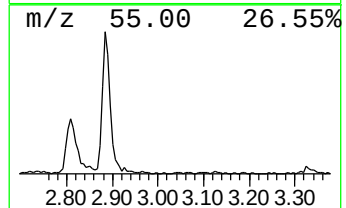
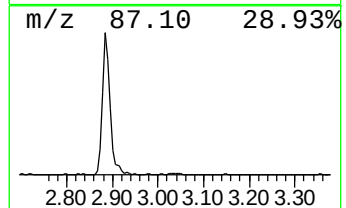
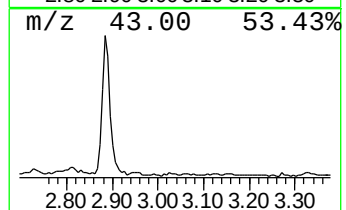
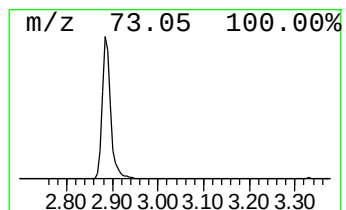
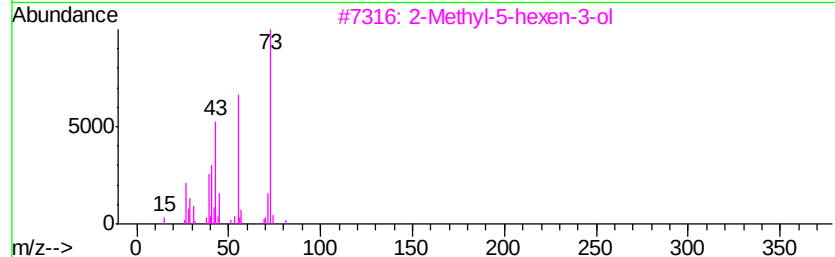
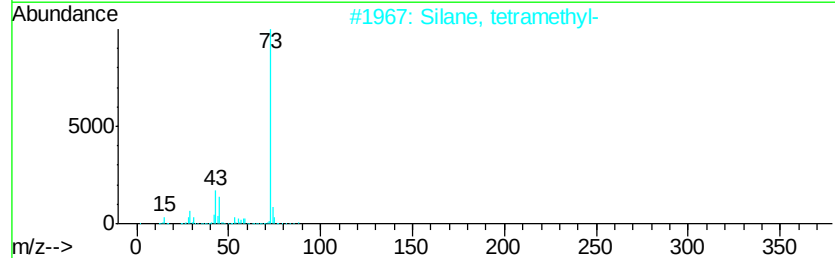
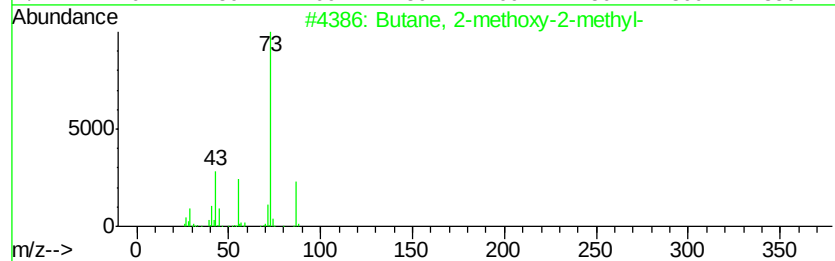
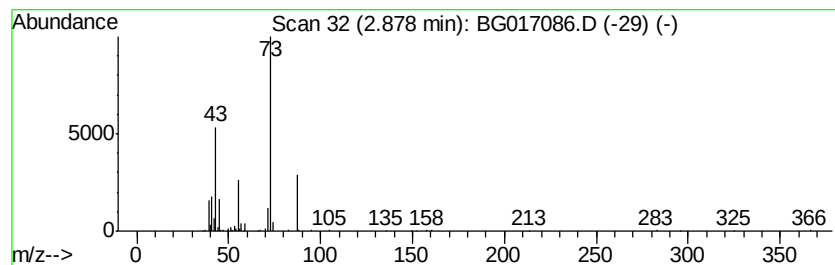
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	20.01 ng	386394	1,4-Dichlorobenzene-d4	7.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Silane, tetramethyl-	88	C4H12Si	000075-76-3	27
3		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
4		1-Propene-1-thiol	74	C3H6S	000925-89-3	9
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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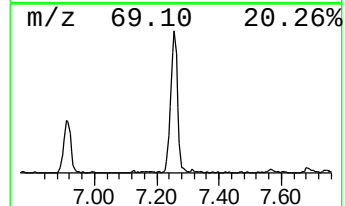
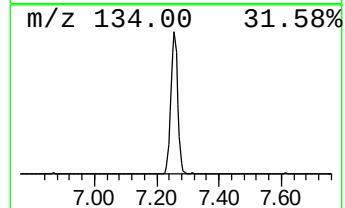
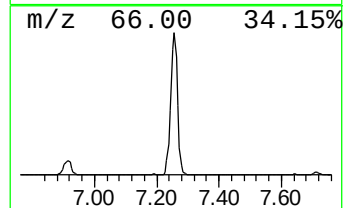
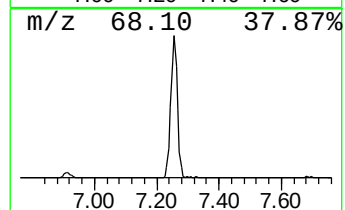
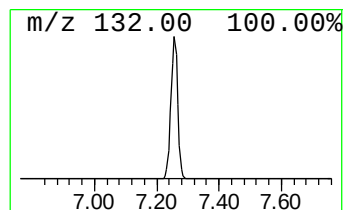
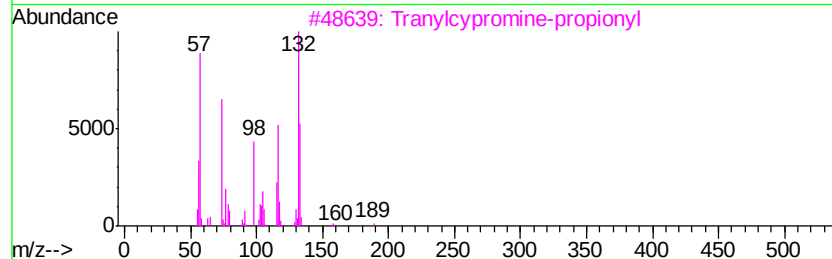
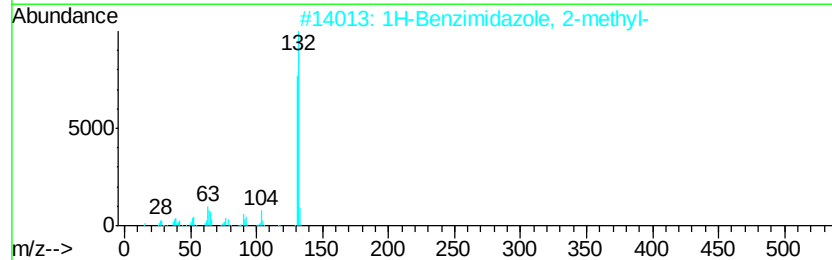
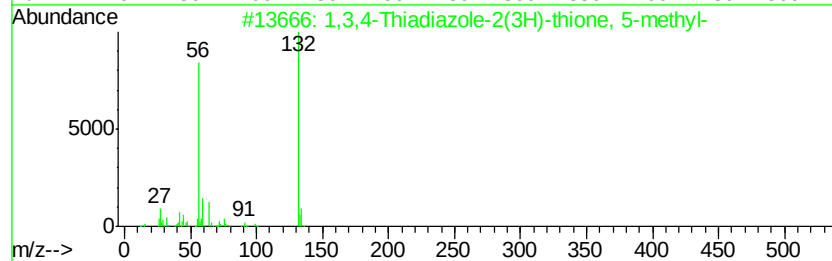
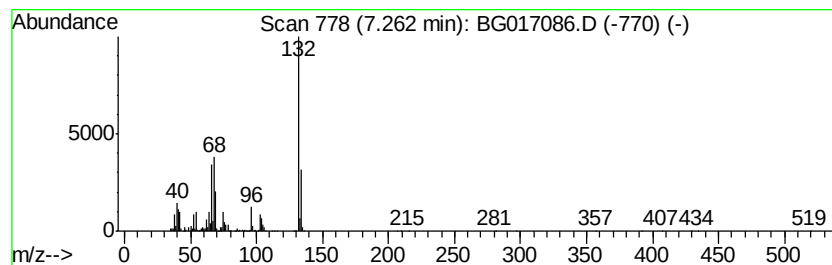
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 unknown7.26 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	63.62 ng	1228460	1,4-Dichlorobenzene-d4	7.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	30
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	27
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	22
4		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	20
5		3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	16



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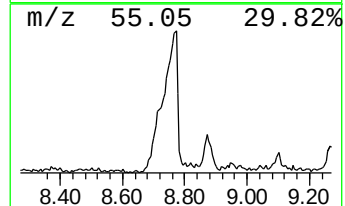
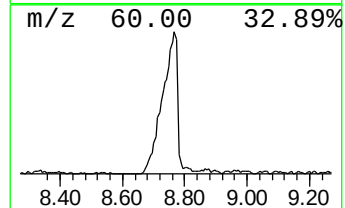
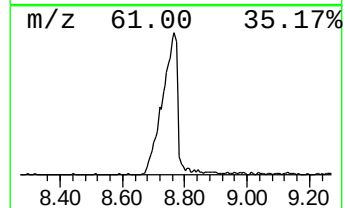
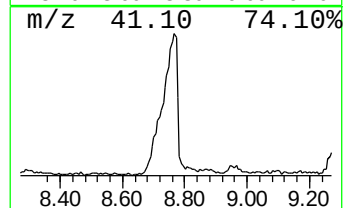
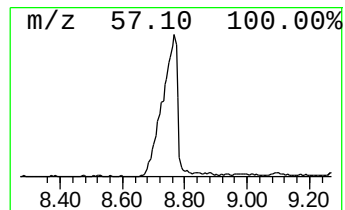
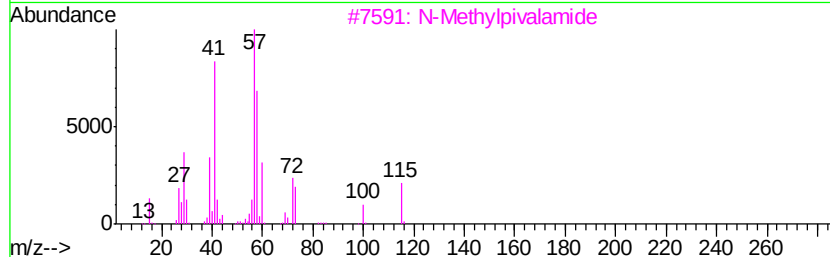
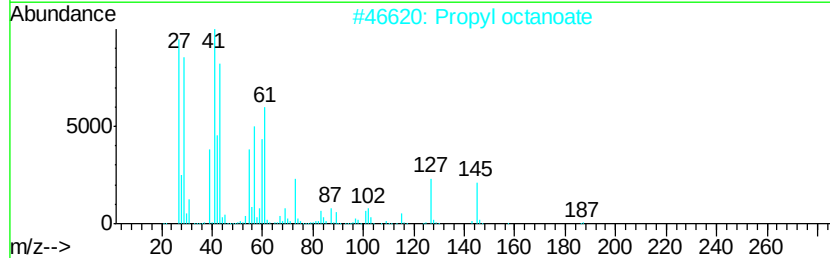
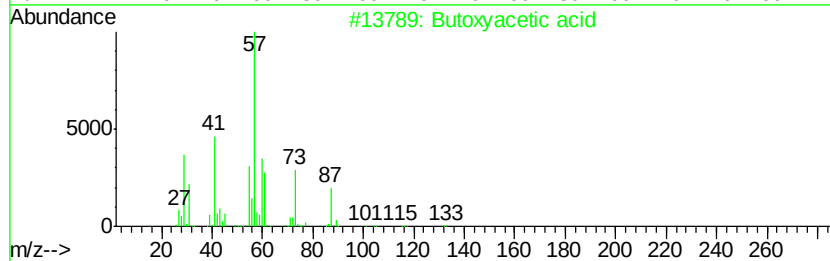
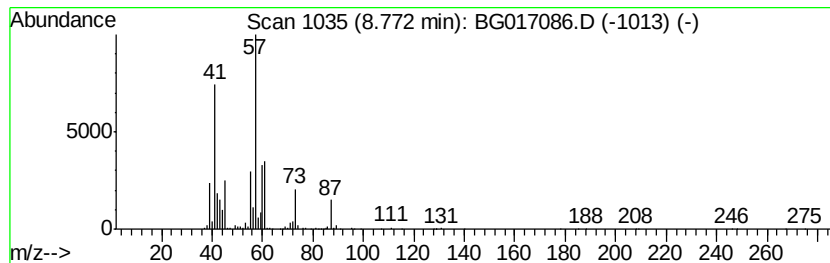
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Butoxyacetic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	65.41 ng	1262930	1,4-Dichlorobenzene-d4	7.71

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butoxyacetic acid	132	C6H12O3	002516-93-0	64
2		Propyl octanoate	186	C11H22O2	000624-13-5	38
3		N-Methylpivalamide	115	C6H13NO	006830-83-7	25
4		Methyl 6-O-[1-methylpropyl]-.bet...	250	C11H22O6	1000126-15-7	25
5		Propyl 4,4-dimethyl-3-oxopentanoate	186	C10H18O3	077067-73-3	23



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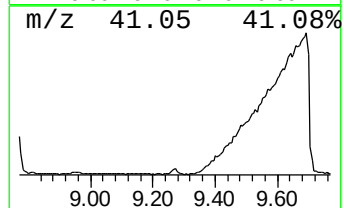
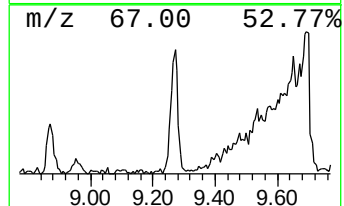
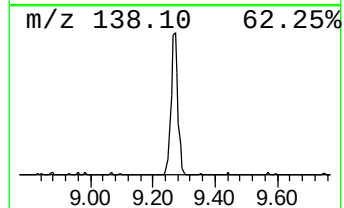
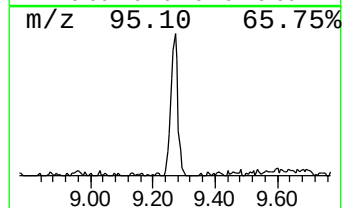
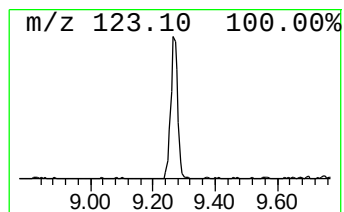
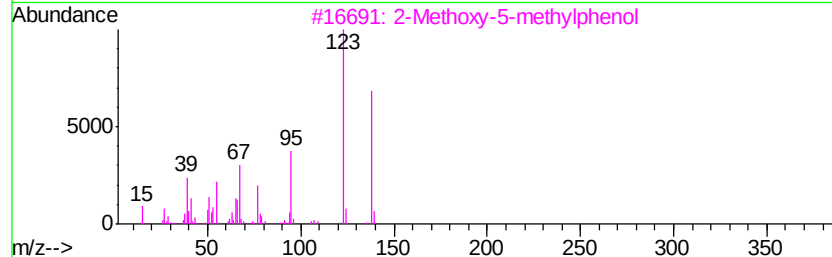
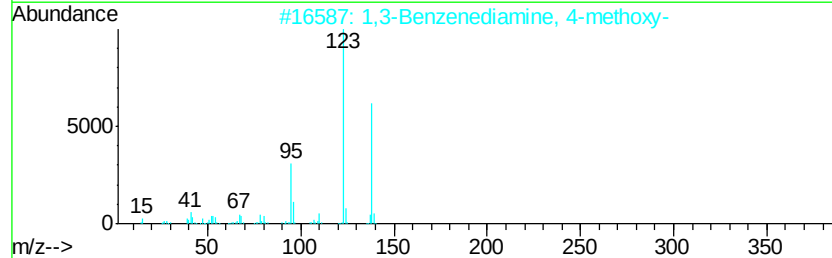
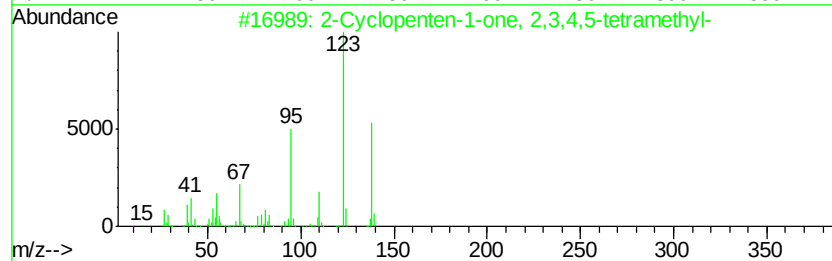
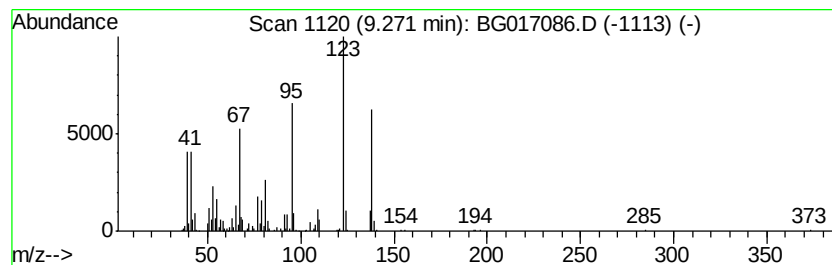
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 2-Cyclopenten-1-one, 2,3,4,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	10.56 ng	233523	Naphthalene-d8	10.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Cyclopenten-1-one, 2,3,4,5-tet...	138	C9H14O	054458-61-6	72
2		1,3-Benzenediamine, 4-methoxy-	138	C7H10N2O	000615-05-4	55
3		2-Methoxy-5-methylphenol	138	C8H10O2	001195-09-1	46
4		Benzene, 1,4-dimethoxy-	138	C8H10O2	000150-78-7	46
5		Ethanone, 1-(4-fluorophenyl)-	138	C8H7FO	000403-42-9	43



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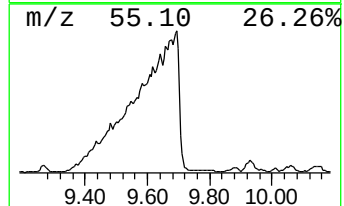
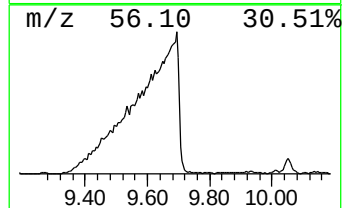
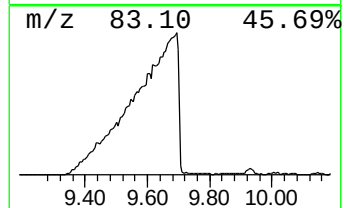
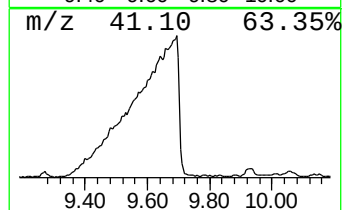
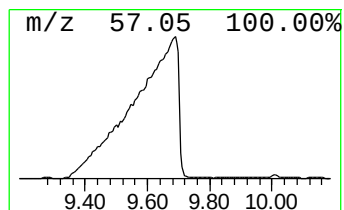
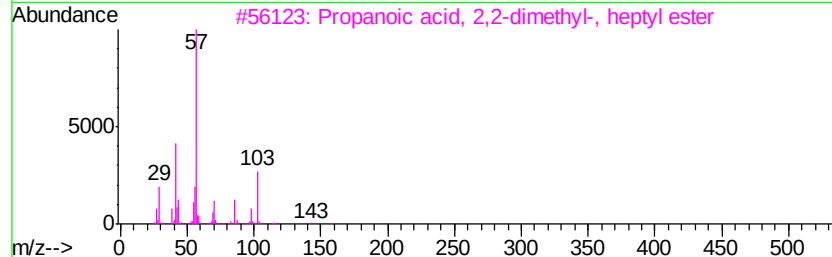
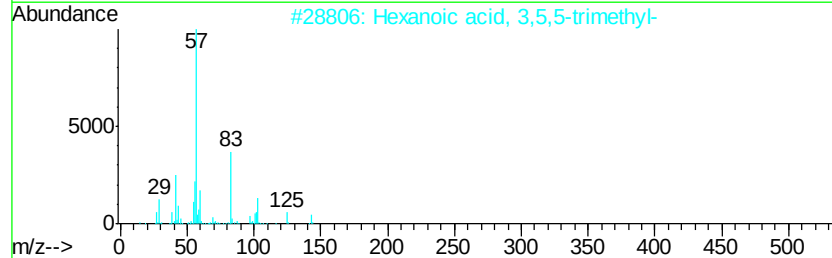
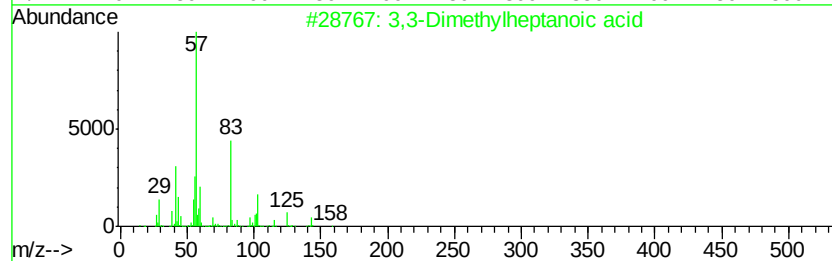
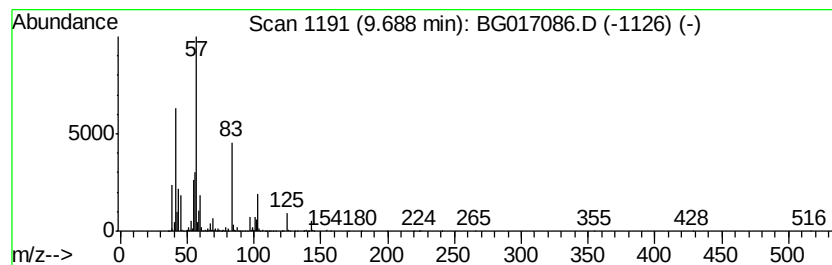
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 3,3-Dimethylheptanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	722.33 ng	15977600	Naphthalene-d8	10.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	90
2		Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	86
3		Propanoic acid, 2,2-dimethyl-, h...	200	C12H24O2	017660-61-6	22
4		Propanoic acid, 2,2-dimethyl-, p...	144	C8H16O2	005129-35-1	12
5		2,2-Dimethylpropionic acid, cycl...	184	C11H20O2	029878-49-7	12



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
Data File : BG017086.D
Acq On : 12 May 2015 17:07
Operator : TP/IZ
Sample : G2194-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TU021-TW-03

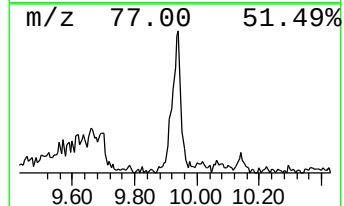
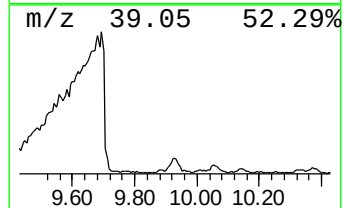
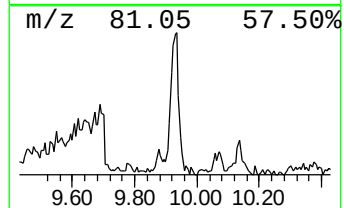
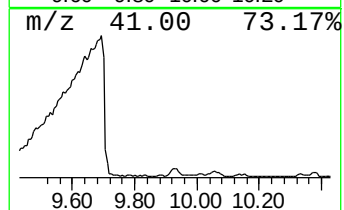
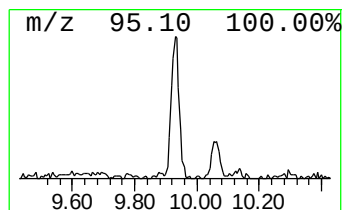
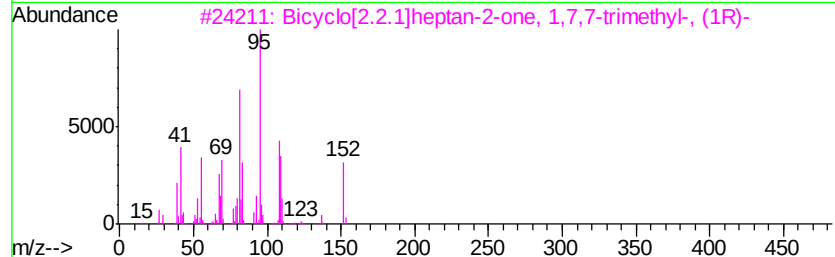
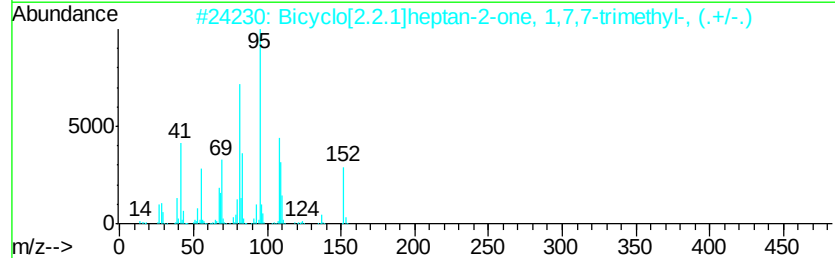
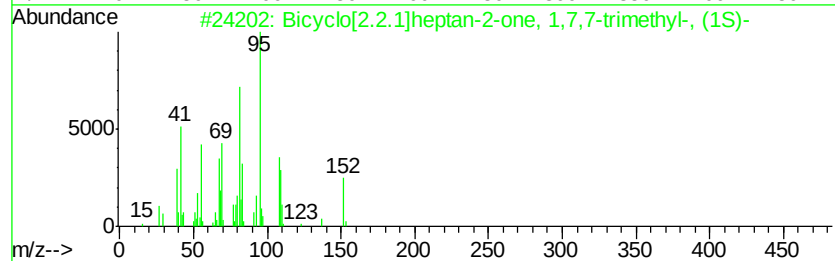
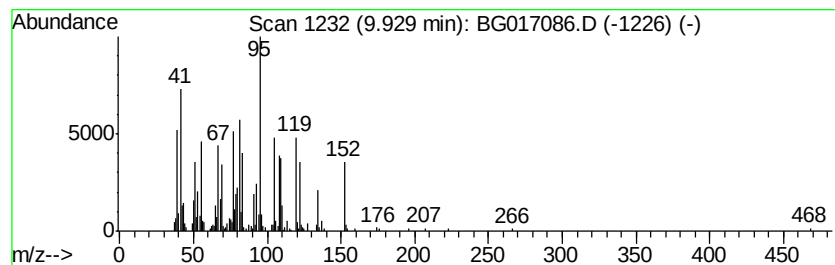
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	17.86 ng	395044	Naphthalene-d8	10.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	64
2		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	021368-68-3	60
3		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-49-3	55
4		Camphor	152	C10H16O	000076-22-2	49
5		2-Methyl-1-hepten-3-yne	108	C8H12	017669-40-8	25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
Data File : BG017086.D
Acq On : 12 May 2015 17:07
Operator : TP/IZ
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Misc :
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ClientSampleId :
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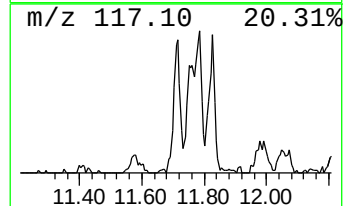
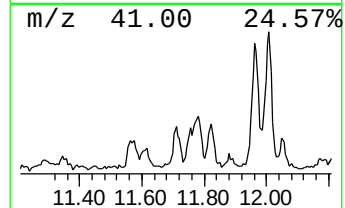
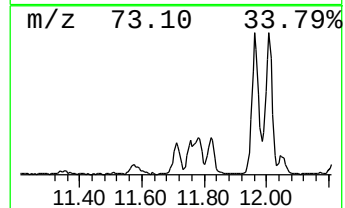
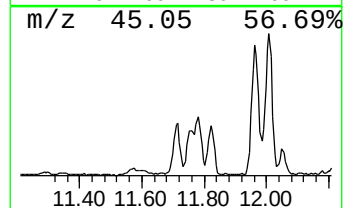
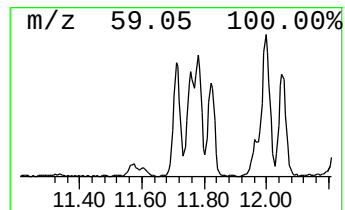
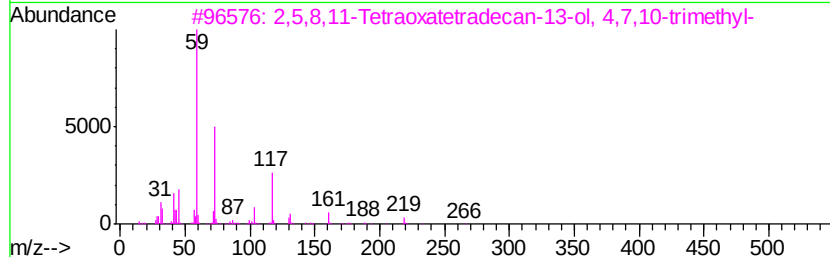
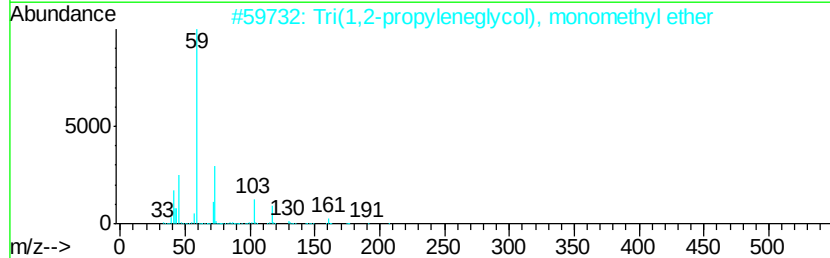
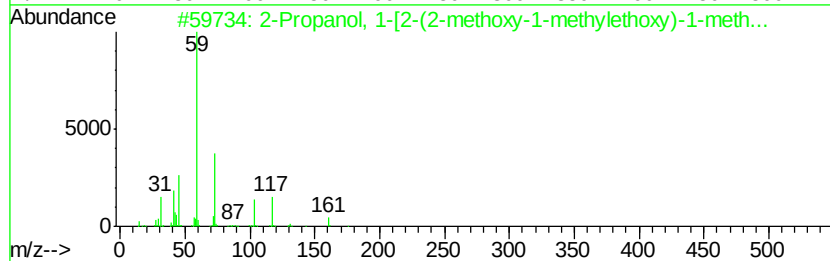
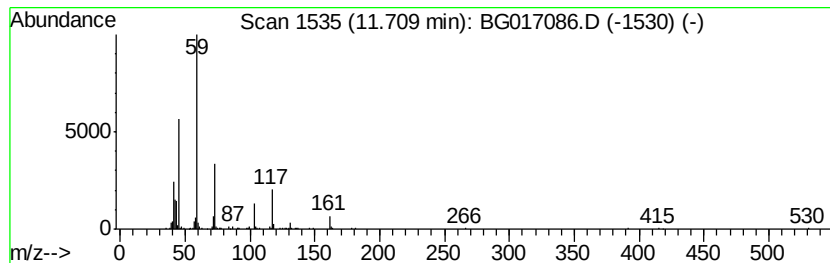
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-Propanol, 1-[2-(2-methoxy... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	10.43 ng	230790	Naphthalene-d8	10.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	64
2		Tri(1,2-propyleneglycol), monome...	206	C10H22O4	1000262-26-6	64
3		2,5,8,11-Tetraoxatetradecan-13-o...	264	C13H28O5	020324-34-9	53
4		1-Propanol, 2-(2-methoxypropoxy)-	148	C7H16O3	013588-28-8	53
5		2-Propanol, 1,1'-[(1-methyl-1,2-...	192	C9H20O4	001638-16-0	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
Data File : BG017086.D
Acq On : 12 May 2015 17:07
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Misc :
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ClientSampleId :
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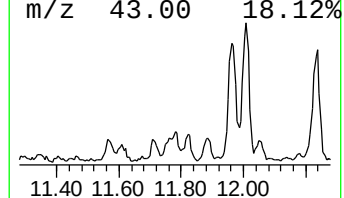
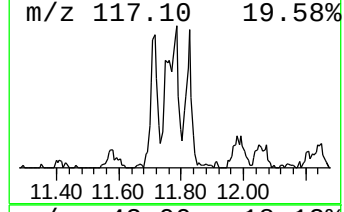
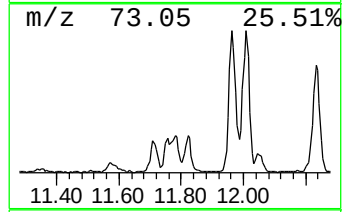
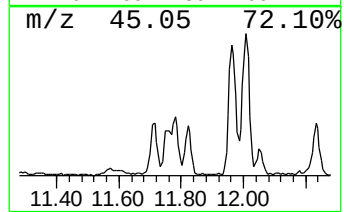
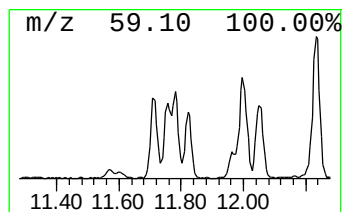
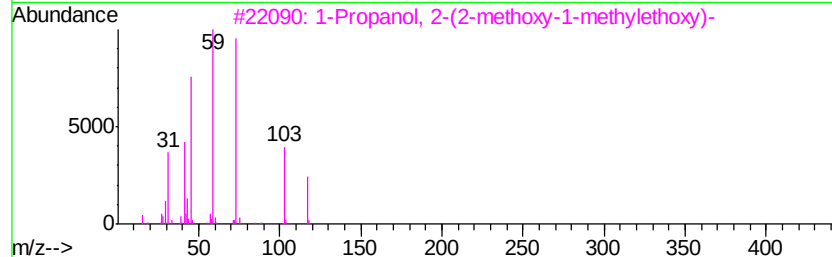
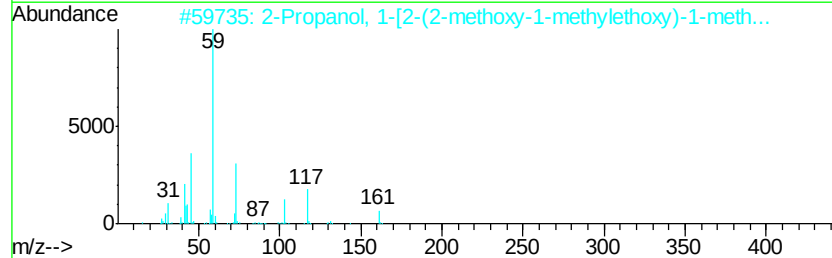
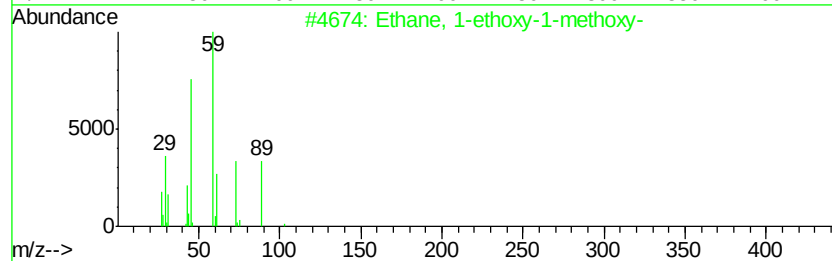
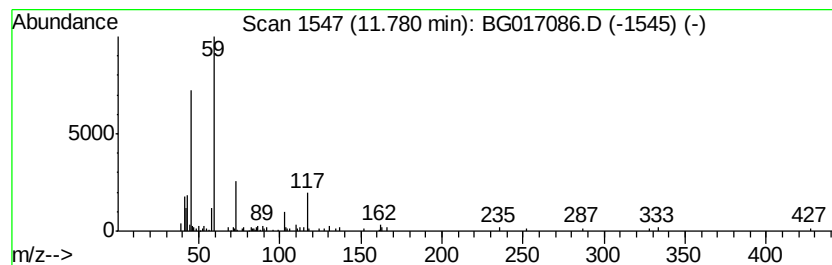
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Ethane, 1-ethoxy-1-methoxy- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	10.62 ng	234799	Naphthalene-d8	10.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethane, 1-ethoxy-1-methoxy-	104	C5H12O2	010471-14-4	59
2		2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	50
3		1-Propanol, 2-(2-methoxy-1-methv...	148	C7H16O3	055956-21-3	45
4		2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	37
5		1-Propanol, 3,3'-oxybis-	134	C6H14O3	002396-61-4	33



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
Data File : BG017086.D
Acq On : 12 May 2015 17:07
Operator : TP/IZ
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Misc :
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Instrument :
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ClientSampleId :
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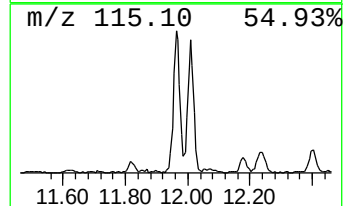
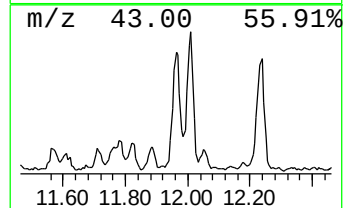
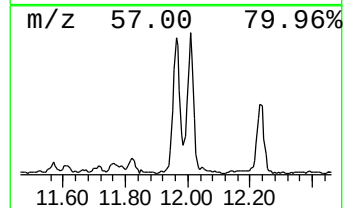
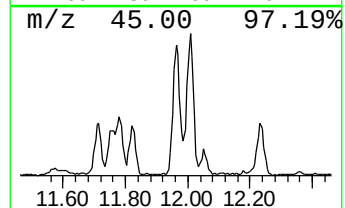
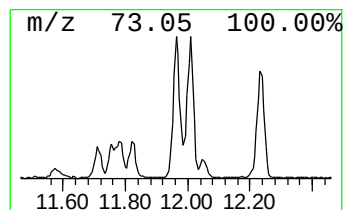
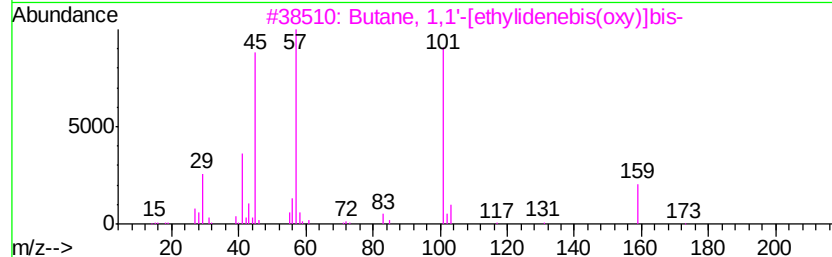
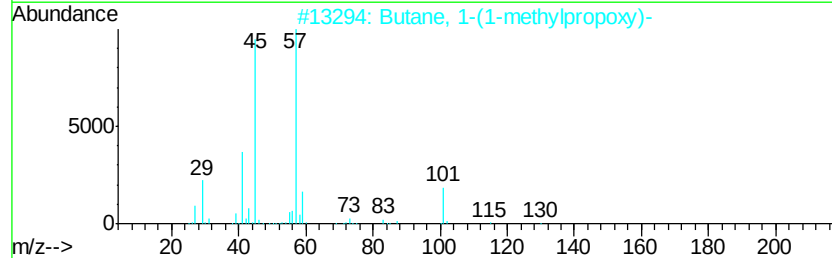
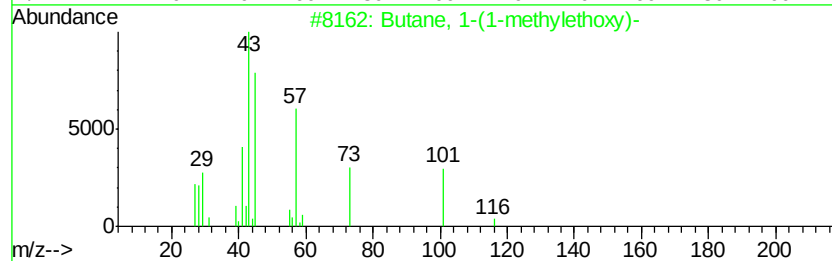
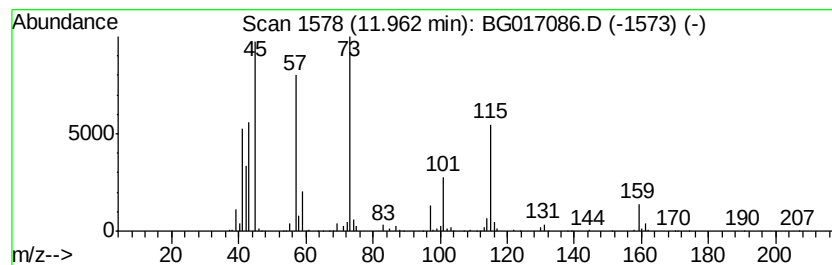
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown11.96 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	33.67 ng	744807	Naphthalene-d8	10.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 1-(1-methylethoxy)-	116	C7H16O	001860-27-1	47
2		Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	43
3		Butane, 1,1'-[ethylidenebis(oxo)]bis-	174	C10H22O2	000871-22-7	38
4		Butanoic acid, 4-methoxy-, methy...	132	C6H12O3	029006-01-7	35
5		Methyl 4-methoxyacetoacetate	146	C6H10O4	041051-15-4	25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
Data File : BG017086.D
Acq On : 12 May 2015 17:07
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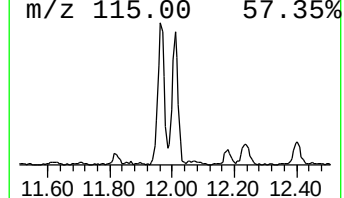
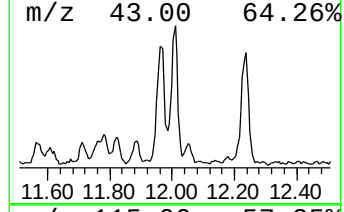
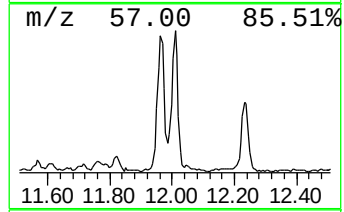
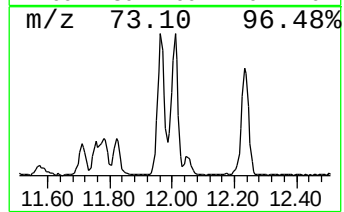
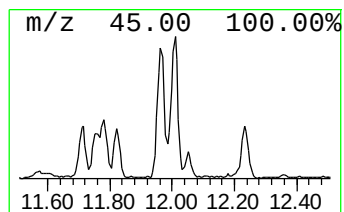
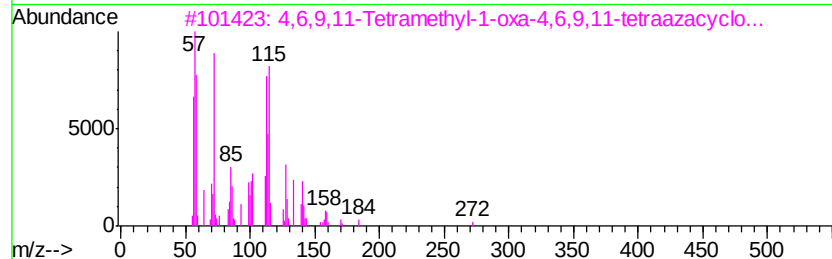
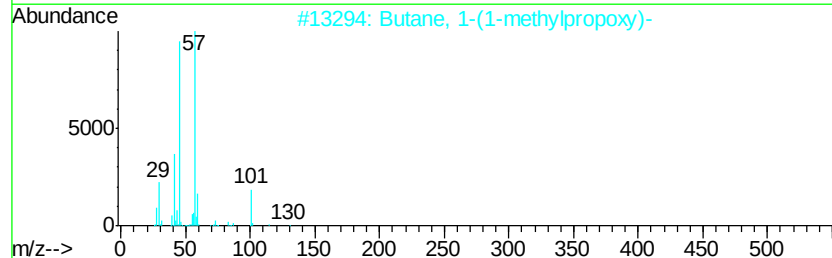
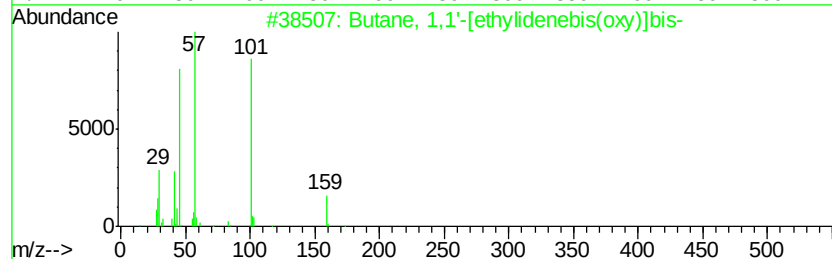
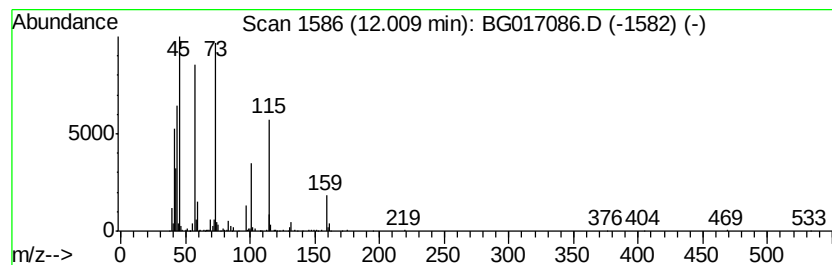
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown12.01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	35.39 ng	782748	Naphthalene-d8	10.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 1,1'-[ethylidenebis(oxy)]...	174	C10H22O2	000871-22-7	47
2		Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	47
3		4,6,9,11-Tetramethyl-1-oxa-4,6,9...	272	C12H24N4O3	1000139-36-0	43
4		Butane, 1-(1-methylethoxy)-	116	C7H16O	001860-27-1	43
5		Di-sec-butyl ether	130	C8H18O	006863-58-7	37



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
Data File : BG017086.D
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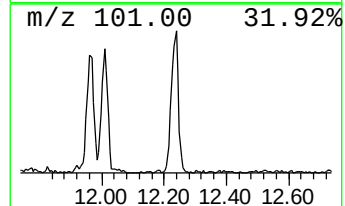
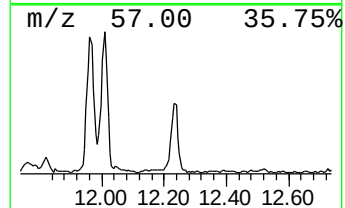
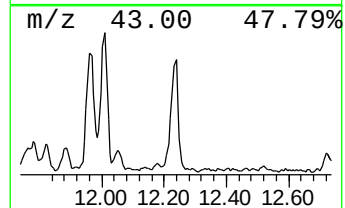
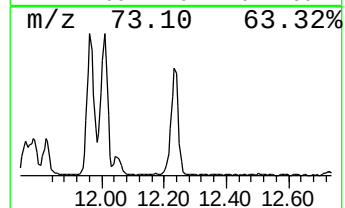
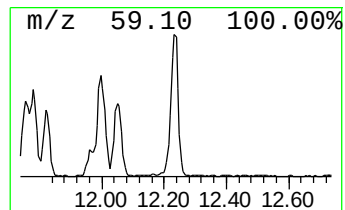
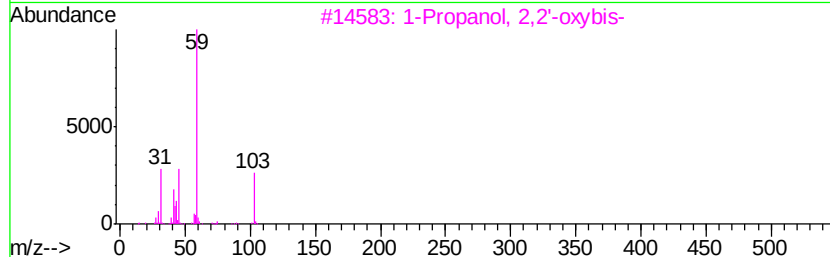
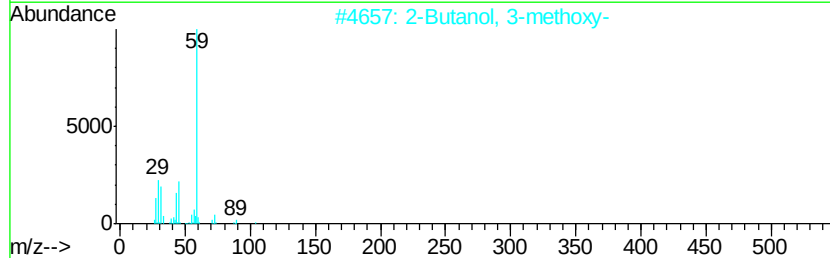
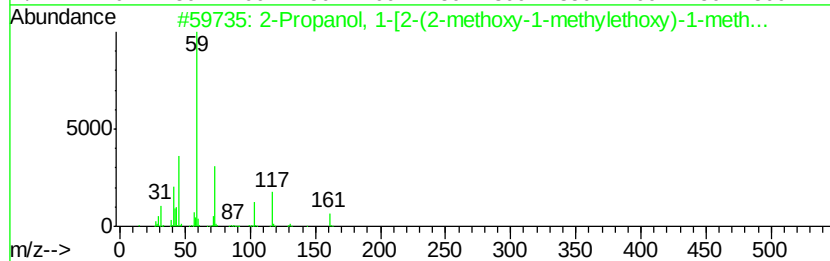
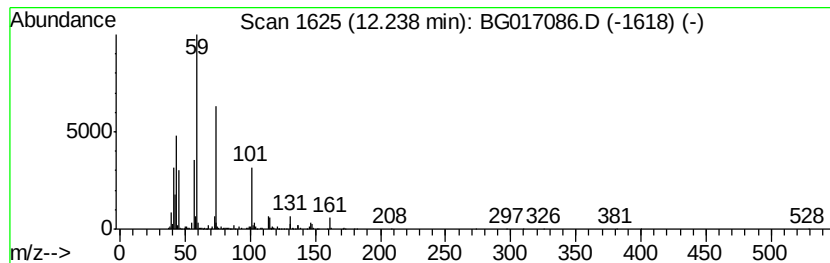
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 2-Butanol, 3-methoxy- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	29.30 ng	648037	Naphthalene-d8	10.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propanol, 1-[2-(2-methoxy-1-me...	206	C10H22O4	020324-33-8	56
2		2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	53
3		1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	50
4		Dipropylene glycol monomethyl ether	148	C7H16O3	034590-94-8	50
5		N-Methyl-N-methoxycarbonylcarbam...	175	C6H9NO5	073830-21-4	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
Data File : BG017086.D
Acq On : 12 May 2015 17:07
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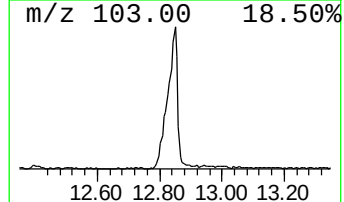
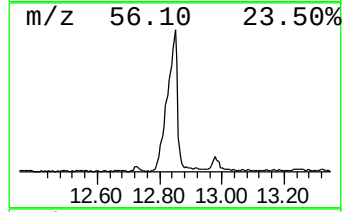
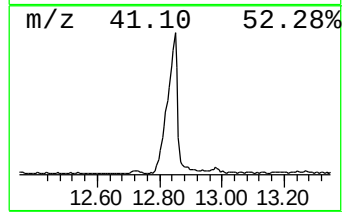
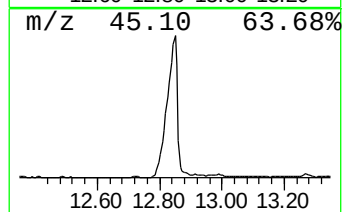
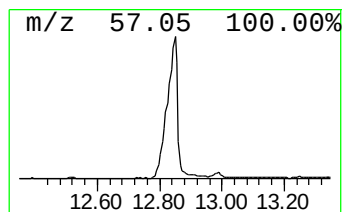
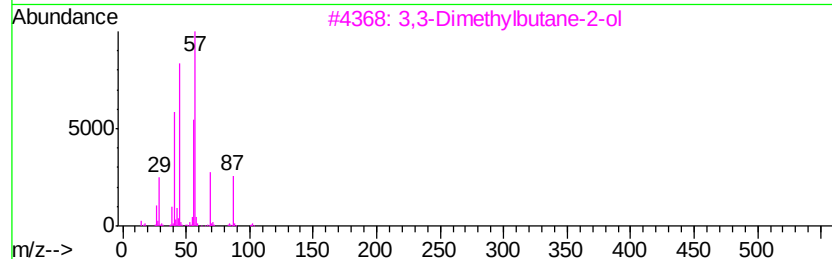
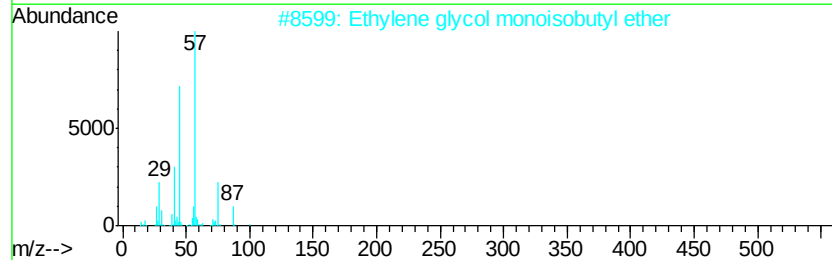
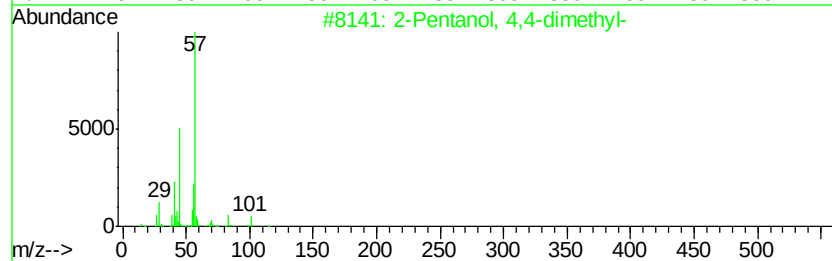
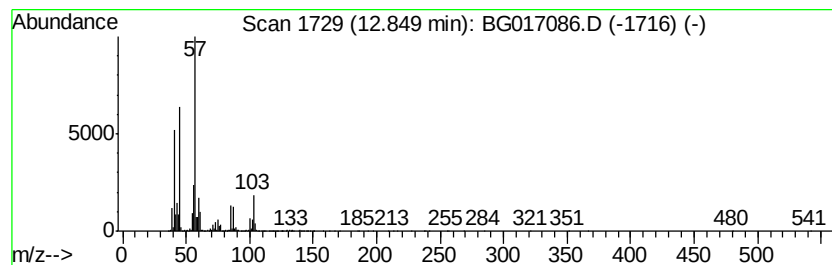
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown12.85 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	104.38 ng	3075900	Acenaphthene-d10	14.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanol, 4,4-dimethyl-	116	C7H16O	006144-93-0	43
2		Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	38
3		3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	38
4		Carbonic acid, bis(1-methylpropyl)-	174	C9H18O3	000623-63-2	37
5		3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	35



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
Data File : BG017086.D
Acq On : 12 May 2015 17:07
Operator : TP/IZ
Sample : G2194-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TU021-TW-03

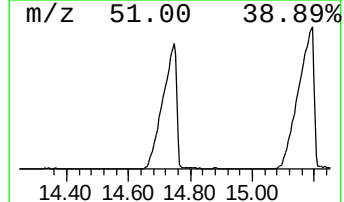
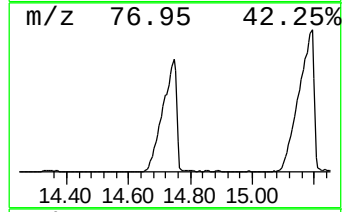
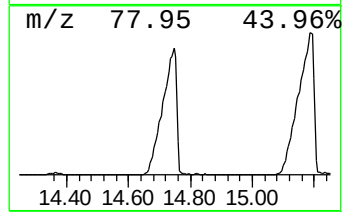
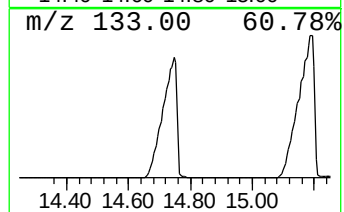
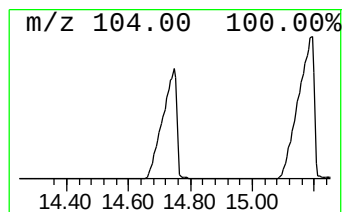
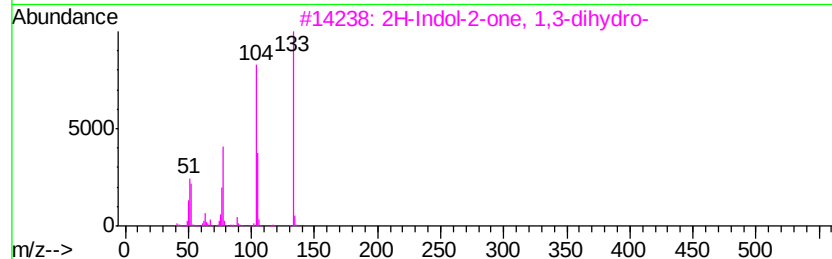
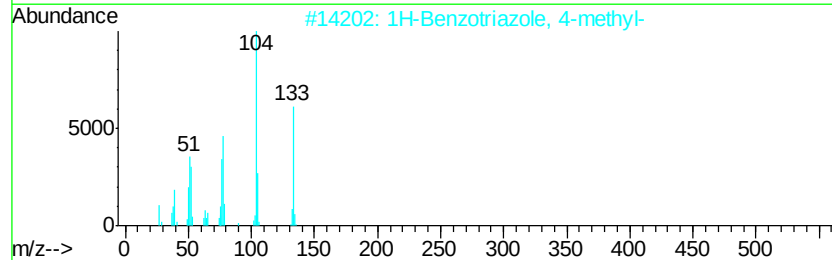
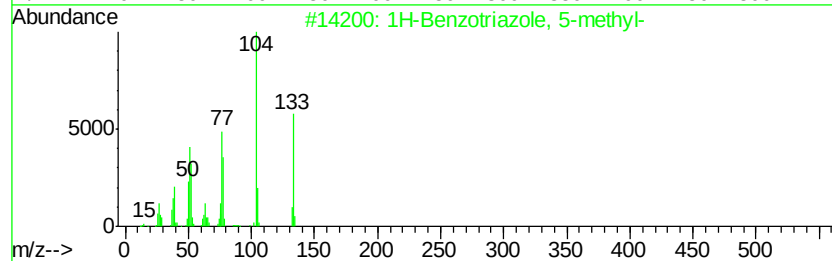
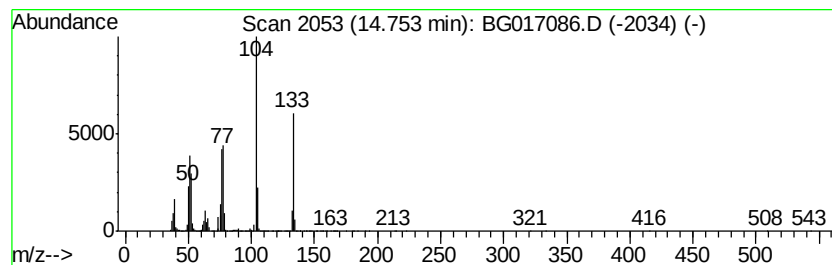
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1H-Benzotriazole, 5-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	310.02 ng	9135600	Acenaphthene-d10	14.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	98
2		1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	96
3		2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	87
4		Benzene, 1-isocyanato-3-methyl-	133	C8H7NO	000621-29-4	72
5		1H-Indol-4-ol	133	C8H7NO	002380-94-1	70



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
Data File : BG017086.D
Acq On : 12 May 2015 17:07
Operator : TP/IZ
Sample : G2194-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TU021-TW-03

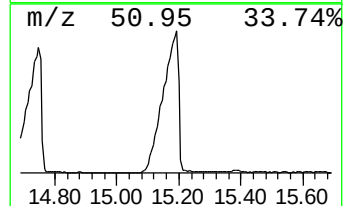
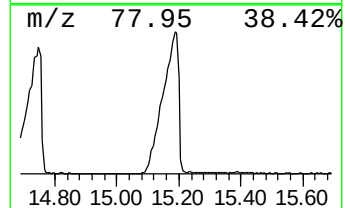
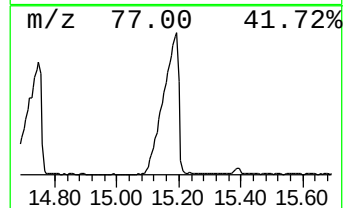
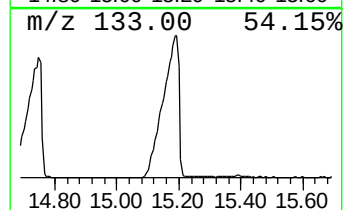
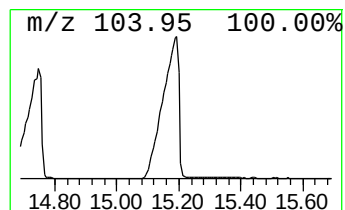
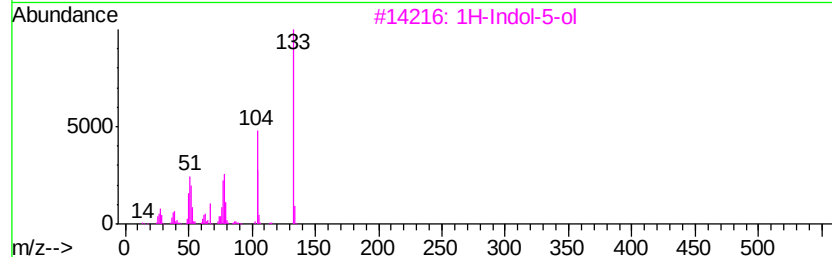
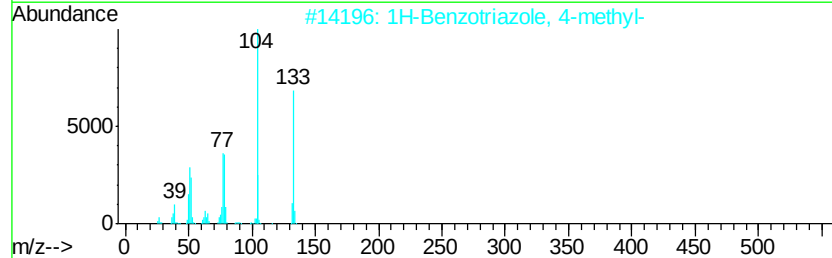
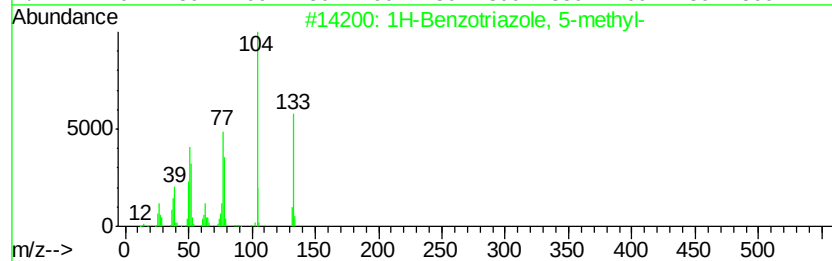
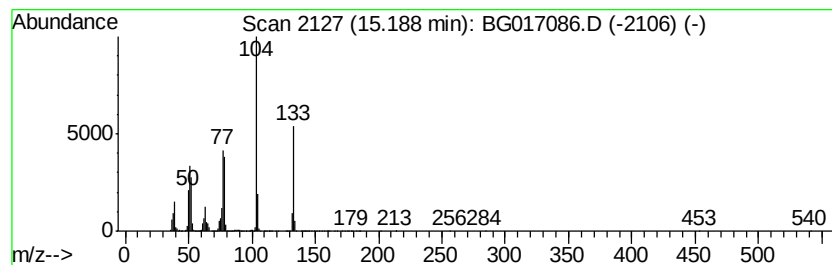
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1H-Benzotriazole, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	408.88 ng	12048800	Acenaphthene-d10	14.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	98
2		1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	97
3		1H-Indol-5-ol	133	C8H7NO	001953-54-4	87
4		2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	80
5		1H-Indol-4-ol	133	C8H7NO	002380-94-1	62



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
Data File : BG017086.D
Acq On : 12 May 2015 17:07
Operator : TP/IZ
Sample : G2194-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

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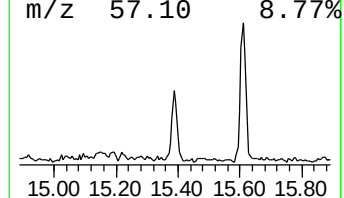
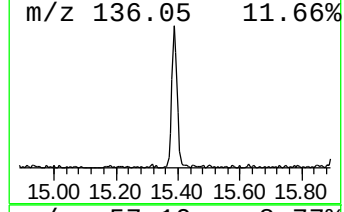
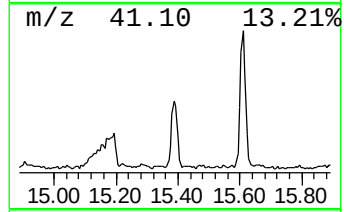
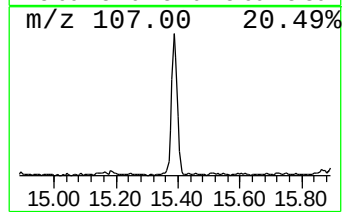
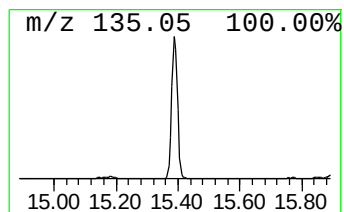
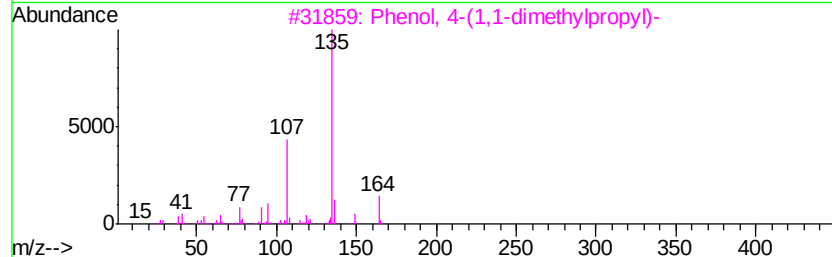
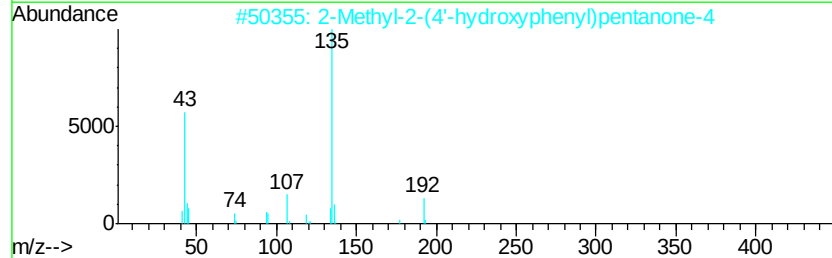
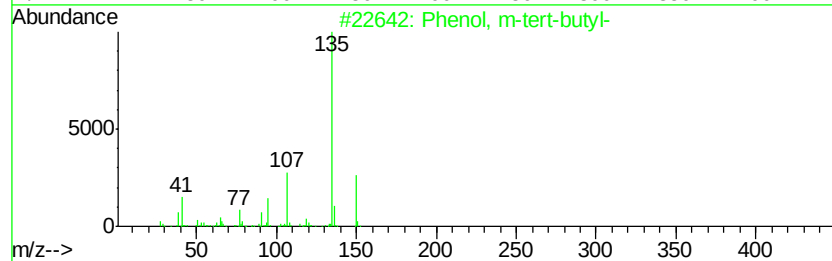
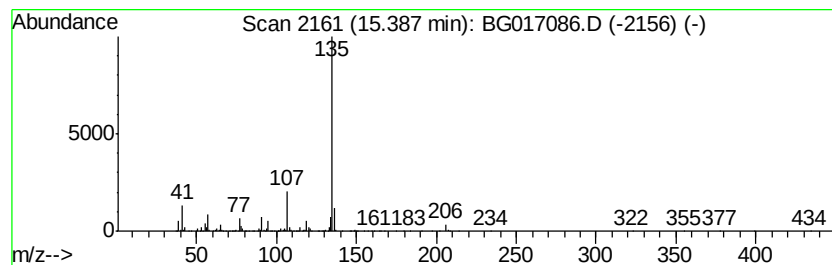
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Phenol, m-tert-butyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	20.55 ng	605654	Acenaphthene-d10	14.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	83
2		2-Methyl-2-(4'-hydroxyphenyl)pen...	192	C12H16O2	070205-18-4	83
3		Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
4		Hexestrol	270	C18H22O2	005635-50-7	72
5		Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
Data File : BG017086.D
Acq On : 12 May 2015 17:07
Operator : TP/IZ
Sample : G2194-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

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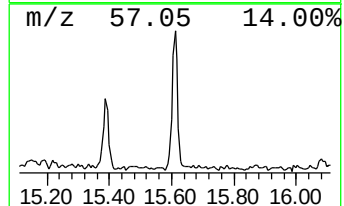
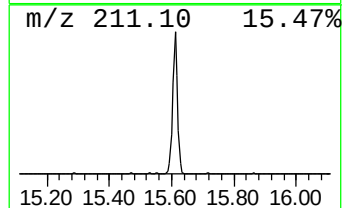
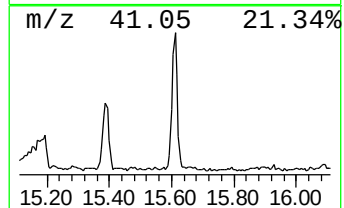
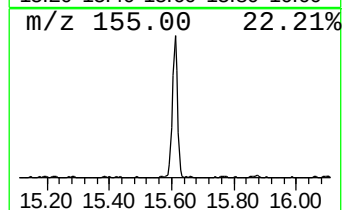
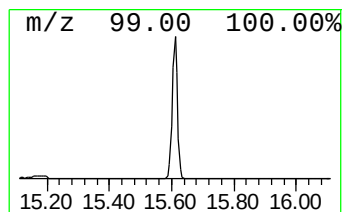
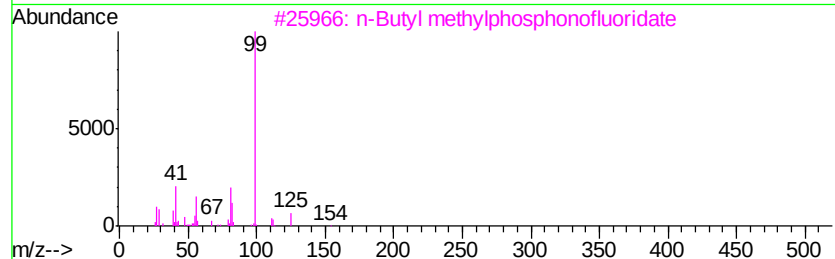
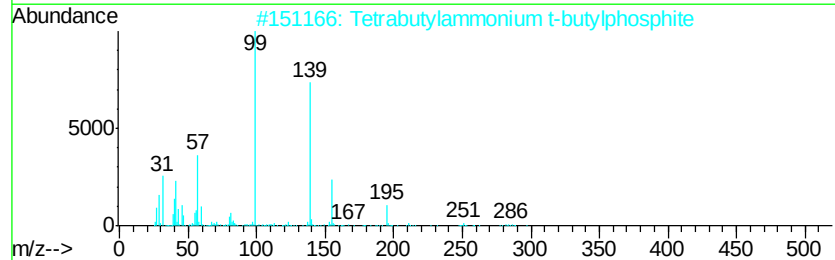
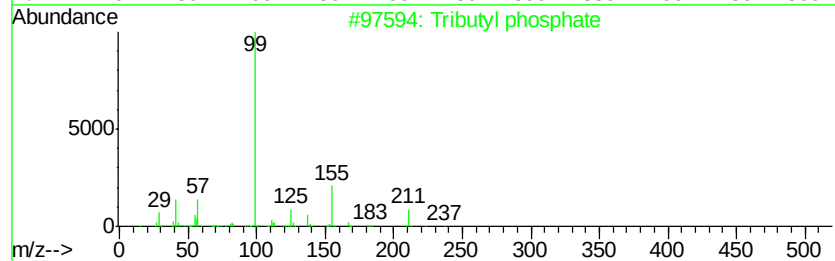
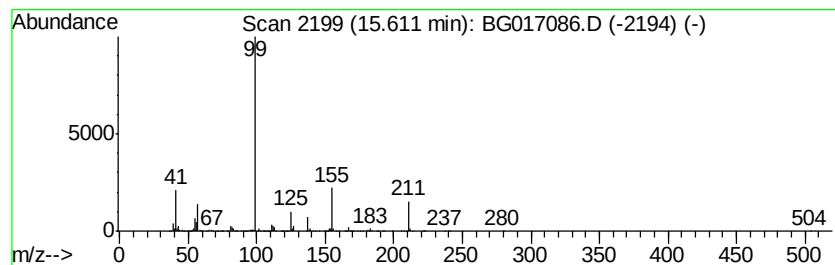
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tributyl phosphate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	24.29 ng	715625	Acenaphthene-d10	14.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tributyl phosphate	266	C12H27O4P	000126-73-8	91
2		Tetrabutylammonium t-butylphosphite	379	C20H46N03P	1000164-81-7	36
3		n-Butyl methylphosphonofluoridate	154	C5H12F02P	000352-63-6	33
4		Bis(2-ethylhexyl)hydrogen phosphate	322	C16H35O4P	000298-07-7	28
5		(.+/-)-Dethiobiotin	214	C10H18N2O3	000636-20-4	28



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
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Acq On : 12 May 2015 17:07
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Sample : G2194-08
Misc :
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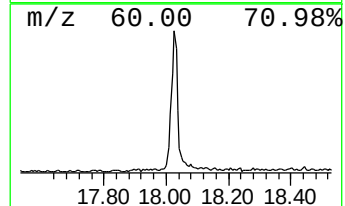
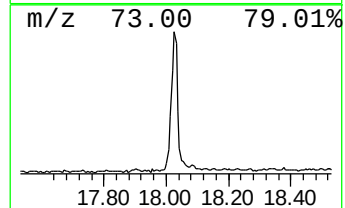
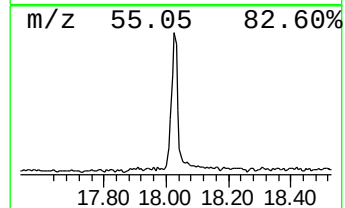
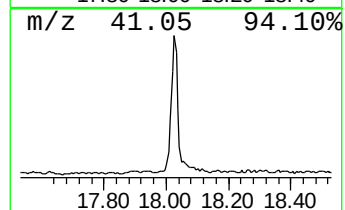
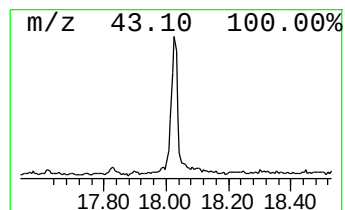
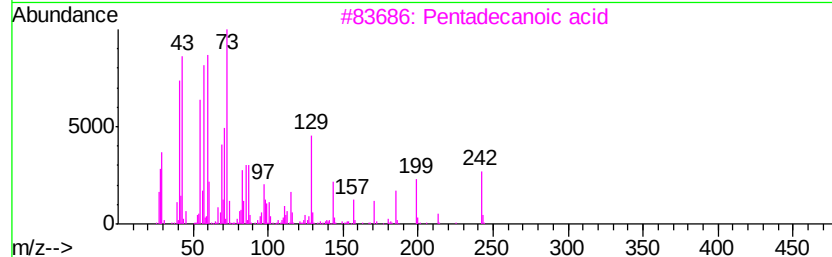
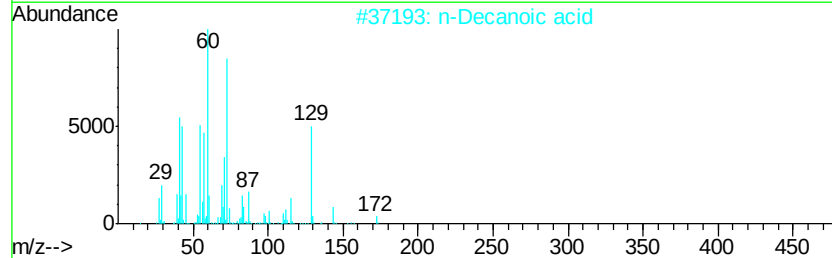
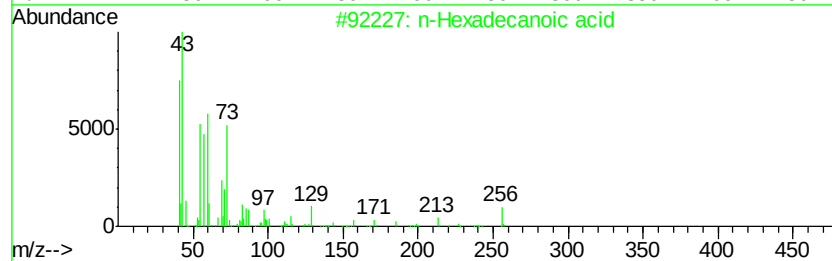
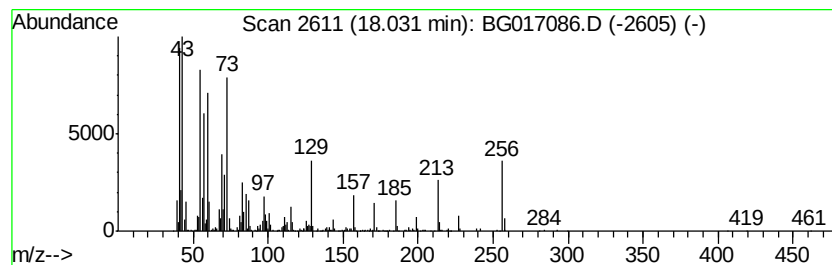
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.03	31.51 ng	1136720	Phenanthrene-d10		17.11	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	96
2	n-Decanoic acid		172	C10H20O2	000334-48-5	78
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	64
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	58
5	Tridecanoic acid		214	C13H26O2	000638-53-9	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
Data File : BG017086.D
Acq On : 12 May 2015 17:07
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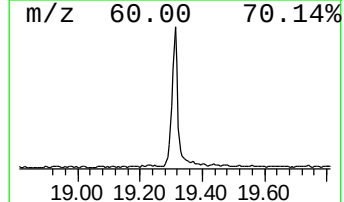
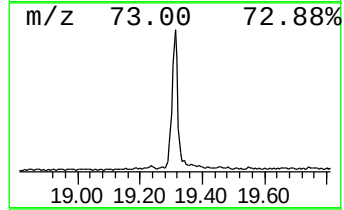
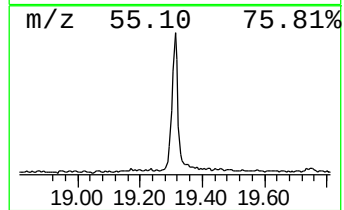
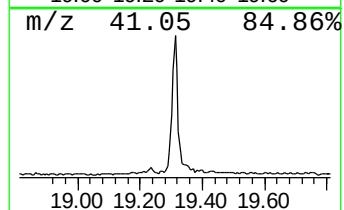
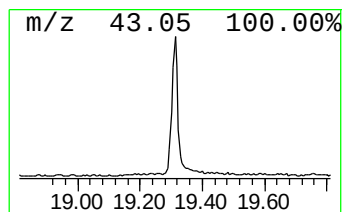
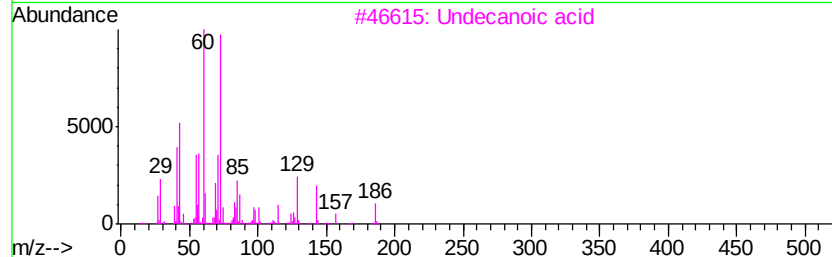
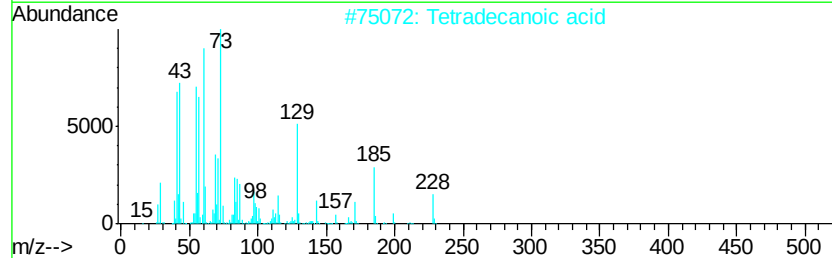
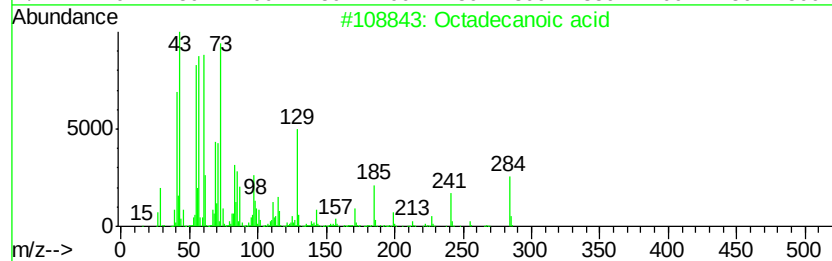
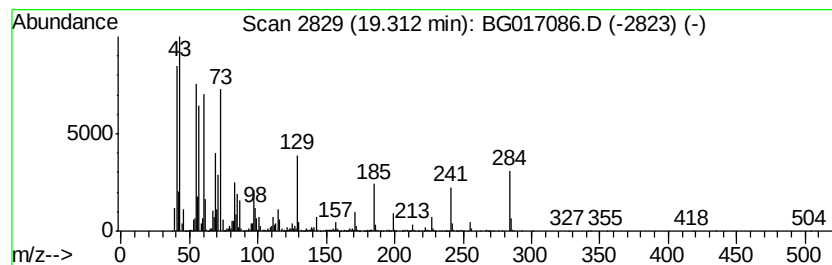
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	62.13 ng	2456300	Chrysene-d12	21.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	70
3		Undecanoic acid	186	C11H22O2	000112-37-8	42
4		n-Decanoic acid	172	C10H20O2	000334-48-5	38
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051215\
 Data File : BG017086.D
 Acq On : 12 May 2015 17:07
 Operator : TP/IZ
 Sample : G2194-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 TU021-TW-03

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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
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unknown7.26	7.26	63.6	ng	1228460	1	7.71	386158	20.0
Butoxyacetic acid	8.77	65.4	ng	1262930	1	7.71	386158	20.0
2-Cyclopenten-1-o...	9.27	10.6	ng	233523	2	10.51	442388	20.0
3,3-Dimethylhepta...	9.69	722.3	ng	15977600	2	10.51	442388	20.0
Bicyclo[2.2.1]hep...	9.93	17.9	ng	395044	2	10.51	442388	20.0
2-Propanol, 1-[2-...	11.71	10.4	ng	230790	2	10.51	442388	20.0
Ethane, 1-ethoxy-...	11.78	10.6	ng	234799	2	10.51	442388	20.0
unknown11.96	11.96	33.7	ng	744807	2	10.51	442388	20.0
unknown12.01	12.01	35.4	ng	782748	2	10.51	442388	20.0
2-Butanol, 3-meth...	12.24	29.3	ng	648037	2	10.51	442388	20.0
unknown12.85	12.85	104.4	ng	3075900	3	14.37	589352	20.0
1H-Benzotriazole, ...	14.75	310.0	ng	9135600	3	14.37	589352	20.0
1H-Benzotriazole, ...	15.19	408.9	ng	12048800	3	14.37	589352	20.0
Phenol, m-tert-bu...	15.39	20.6	ng	605654	3	14.37	589352	20.0
Tributyl phosphate	15.61	24.3	ng	715625	3	14.37	589352	20.0
n-Hexadecanoic acid	18.03	31.5	ng	1136720	4	17.11	721506	20.0
Octadecanoic acid	19.31	62.1	ng	2456300	5	21.30	790659	20.0