

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
 Data File : BF078046.D
 Acq On : 27 Mar 2015 19:45
 Operator : TP/IZ
 Sample : G1654-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIP-22-3-25-15

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_F\METHODS\8270-BF031115.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	1.344	37	40	43	rVB	160821	267629	17.22%	2.395%
2	1.504	52	54	57	rBV	253498	285673	18.38%	2.557%
3	1.744	73	75	87	rVB	38870	87134	5.61%	0.780%
4	4.819	341	344	350	rVB	28716	37095	2.39%	0.332%
5	5.367	390	392	395	rBV	308729	391971	25.23%	3.508%
6	6.670	504	506	509	rBV	233653	243116	15.65%	2.176%
7	6.796	514	517	519	rBV	750383	813813	52.37%	7.284%
8	7.070	539	541	544	rVB	209881	212314	13.66%	1.900%
9	7.264	555	558	560	rVB	612011	783588	50.43%	7.013%
10	7.767	600	602	605	rBV	576562	592460	38.13%	5.302%
11	7.927	614	616	627	rVB2	8811	25129	1.62%	0.225%
12	8.579	669	673	677	rBV3	31352	55408	3.57%	0.496%
13	8.647	677	679	682	rBV	320120	318424	20.49%	2.850%
14	8.796	689	692	695	rBV4	9779	20151	1.30%	0.180%
15	8.933	702	704	709	rVB4	21264	48833	3.14%	0.437%
16	9.150	720	723	725	rBV2	26339	38514	2.48%	0.345%
17	9.185	725	726	728	rBV2	11144	15901	1.02%	0.142%
18	9.265	730	733	735	rVB3	16473	28613	1.84%	0.256%
19	9.310	735	737	738	rBV	28051	21427	1.38%	0.192%
20	9.482	748	752	754	rBV3	18096	36300	2.34%	0.325%
21	9.539	754	757	758	rBV2	15945	36280	2.33%	0.325%
22	9.573	758	760	763	rVV3	27094	59462	3.83%	0.532%
23	9.630	763	765	766	rVV2	15625	25495	1.64%	0.228%
24	9.745	769	775	778	rVV4	31595	91830	5.91%	0.822%
25	9.859	780	785	787	rVV4	22653	68770	4.43%	0.615%
26	9.893	787	788	790	rVV2	19818	33131	2.13%	0.297%
27	9.928	790	791	793	rVV	31700	32877	2.12%	0.294%
28	9.996	795	797	800	rVB	1465734	1349379	86.84%	12.077%
29	10.145	806	810	811	rBV4	11955	25142	1.62%	0.225%
30	10.213	815	816	819	rVB2	38313	49993	3.22%	0.447%
31	10.270	819	821	823	rVB2	16569	27613	1.78%	0.247%
32	10.316	823	825	826	rBV	20032	36193	2.33%	0.324%
33	10.396	830	832	837	rBV5	27824	82278	5.30%	0.736%
34	10.602	847	850	853	rBV4	10575	24586	1.58%	0.220%

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35	10.659	853	855	859	rVB5	14645	33412	2.15%	0.299%
36	10.773	859	865	867	rBV5	17048	65298	4.20%	0.584%
37	10.819	867	869	871	rVV	363952	370900	23.87%	3.320%
38	10.888	873	875	876	rBV2	18266	22218	1.43%	0.199%
39	10.933	877	879	881	rBV3	24119	25460	1.64%	0.228%
40	11.082	890	892	894	rBV	19956	20965	1.35%	0.188%
41	11.151	896	898	900	rBV2	19668	35012	2.25%	0.313%
42	11.185	900	901	904	rVV3	27917	54527	3.51%	0.488%
43	11.288	907	910	912	rVB4	40170	69684	4.48%	0.624%
44	11.493	926	928	929	rBV	17981	19043	1.23%	0.170%
45	11.585	934	936	937	rVV	16154	19402	1.25%	0.174%
46	11.699	943	946	949	rBV5	15607	47881	3.08%	0.429%
47	11.802	952	955	957	rBV	675467	853255	54.91%	7.637%
48	11.985	969	971	974	rBV3	13719	27136	1.75%	0.243%
49	12.236	991	993	996	rBV3	15014	33616	2.16%	0.301%
50	12.465	1011	1013	1014	rBV2	11770	16651	1.07%	0.149%
51	12.499	1014	1016	1019	rVB2	39317	52388	3.37%	0.469%
52	12.648	1027	1029	1032	rBV	294117	376960	24.26%	3.374%
53	13.128	1069	1071	1073	rVB	20596	20183	1.30%	0.181%
54	13.288	1084	1085	1088	rVB3	13355	23231	1.50%	0.208%
55	13.391	1092	1094	1097	rVV2	44071	53820	3.46%	0.482%
56	14.648	1201	1204	1207	rVB	1548837	1553840	100.00%	13.907%
57	15.402	1268	1270	1273	rBV	107248	108692	7.00%	0.973%
58	15.825	1305	1307	1310	rBV	31633	37337	2.40%	0.334%
59	15.928	1314	1316	1319	rVB	377414	439134	28.26%	3.930%
60	17.105	1417	1419	1423	rBV	65977	96266	6.20%	0.862%
61	17.666	1465	1468	1471	rBV	369074	430502	27.71%	3.853%

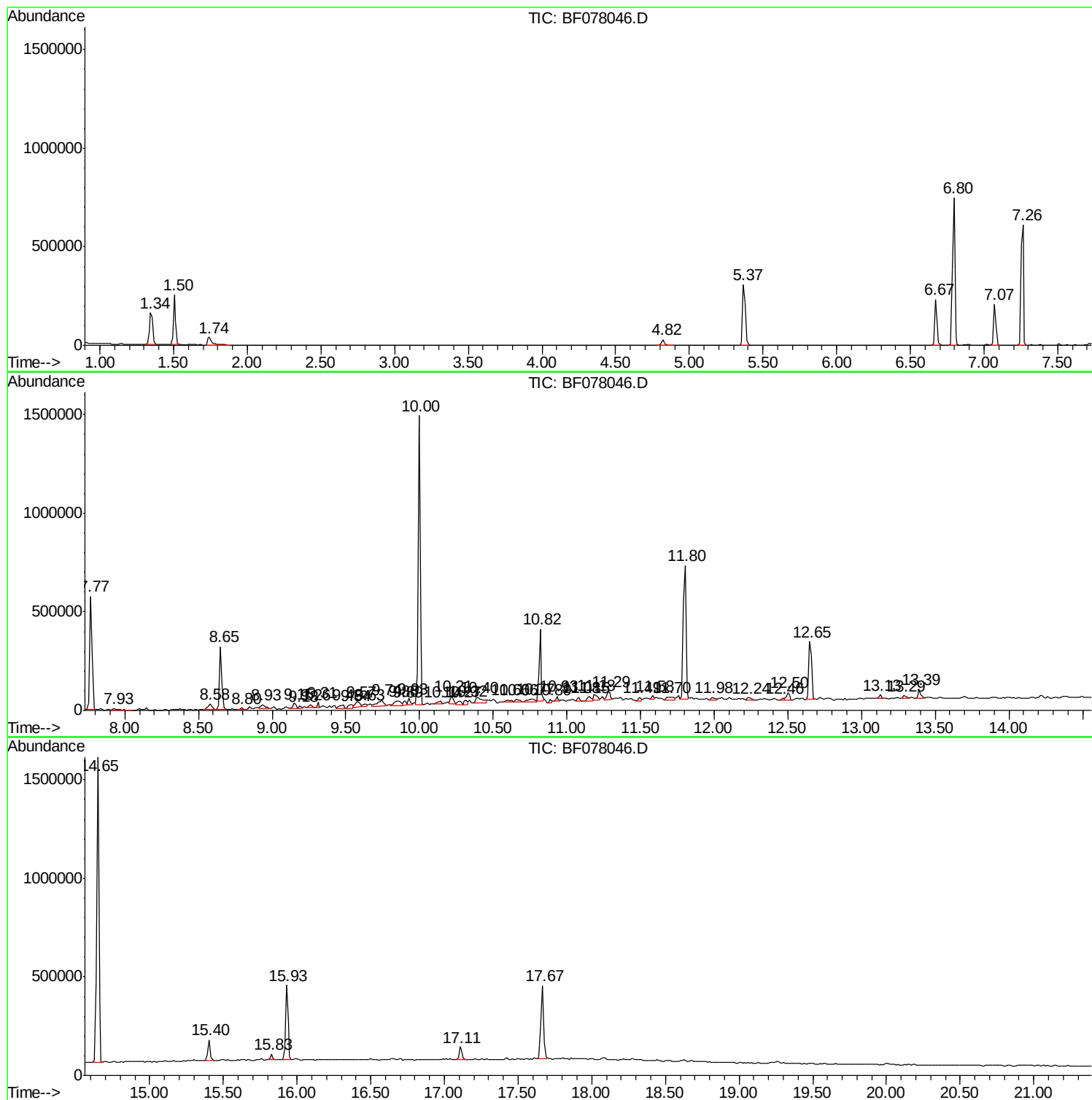
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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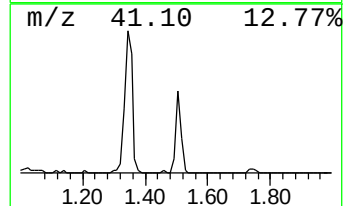
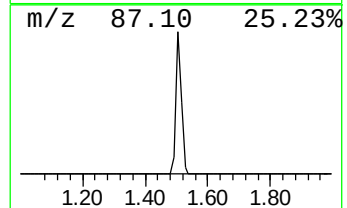
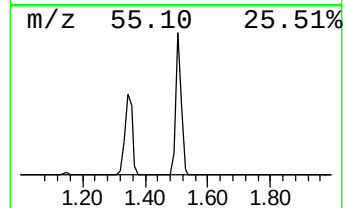
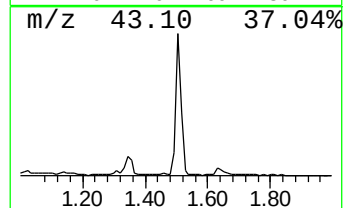
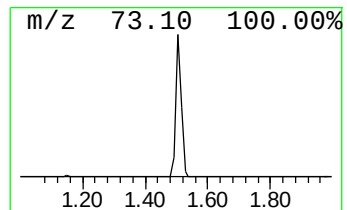
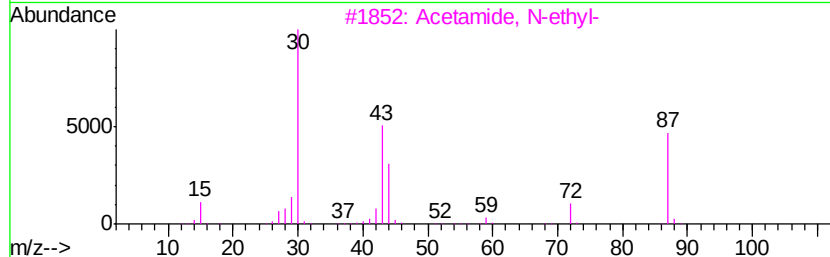
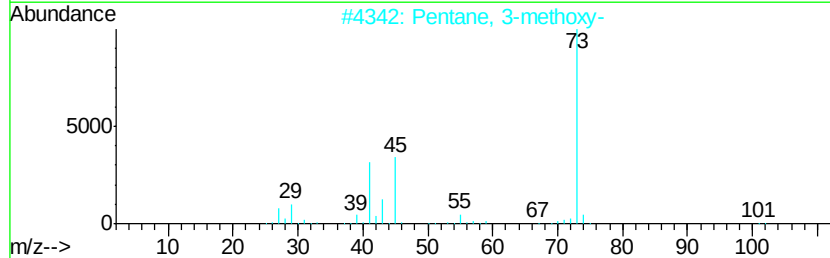
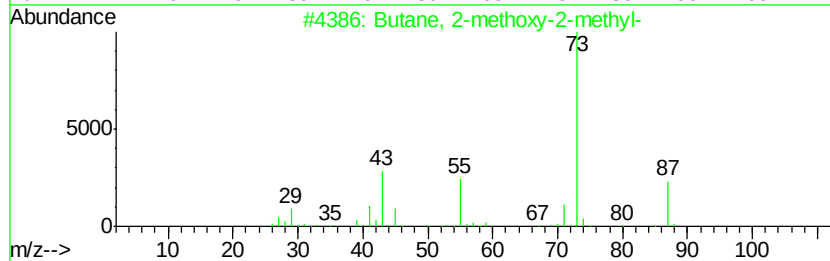
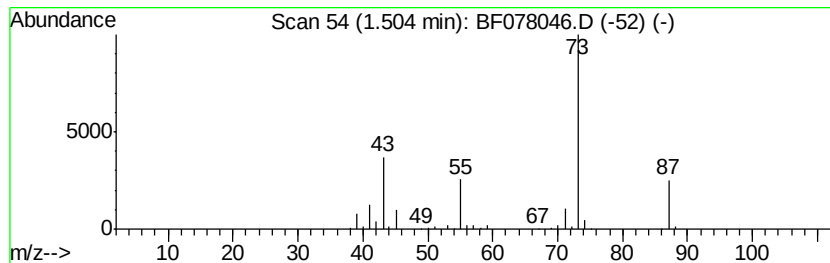
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.50	26.91 ng	285673	1,4-Dichlorobenzene-d4	7.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10
4		Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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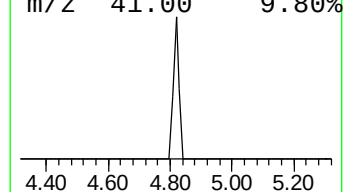
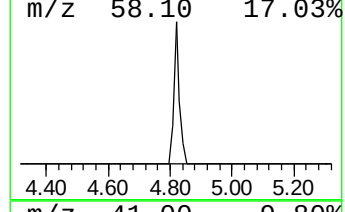
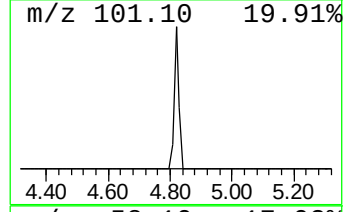
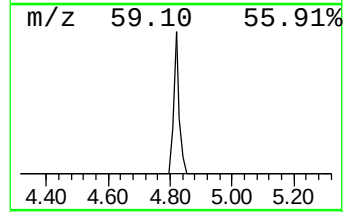
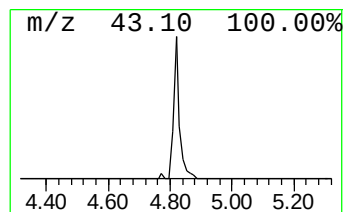
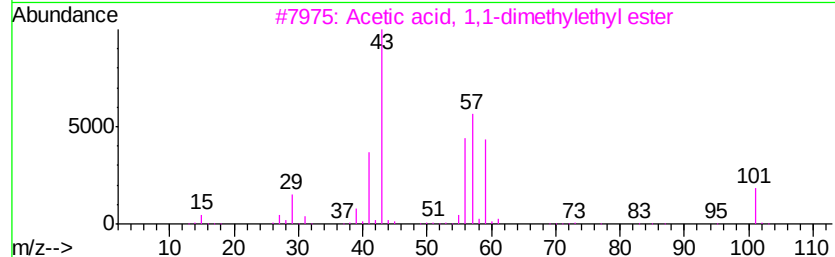
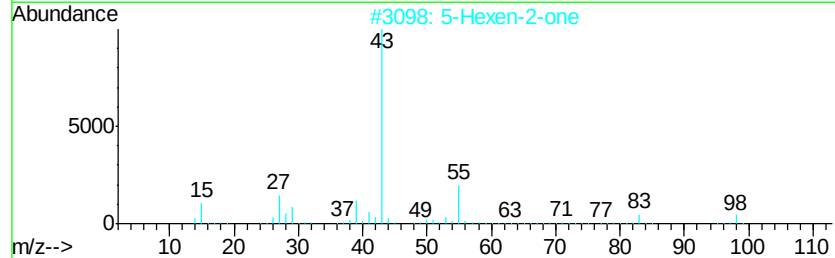
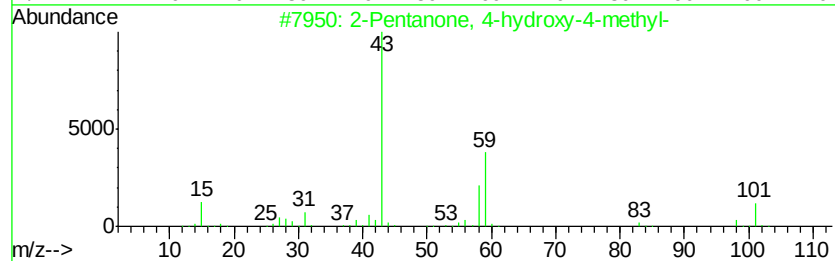
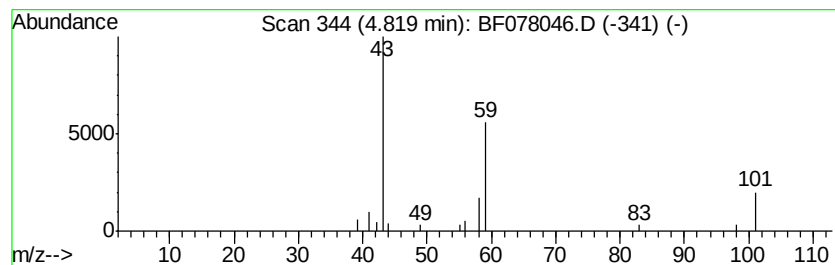
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	3.49 ng	37095	1,4-Dichlorobenzene-d4	7.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2		5-Hexen-2-one	98	C6H10O	000109-49-9	9
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
4		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	7



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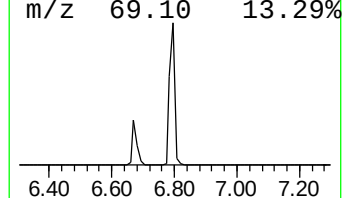
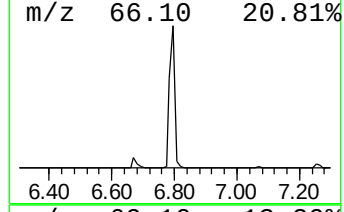
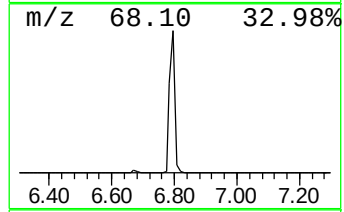
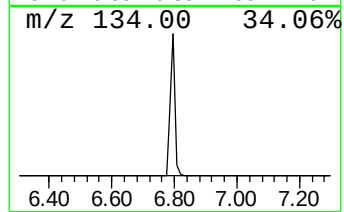
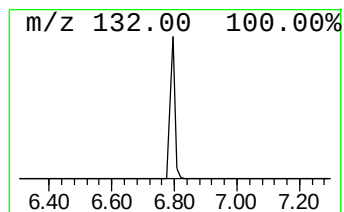
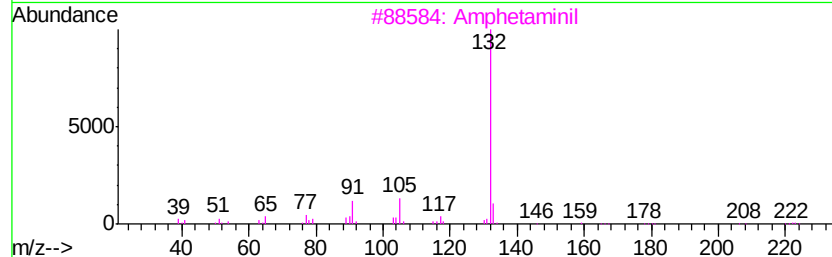
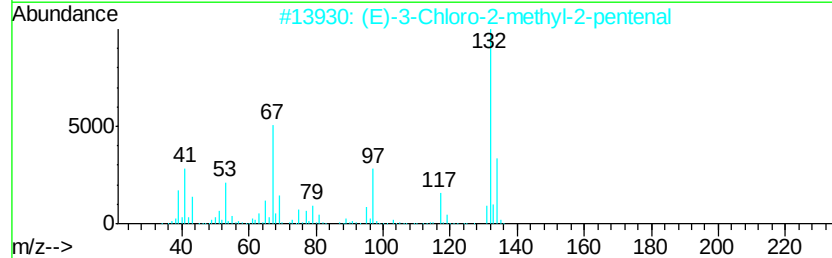
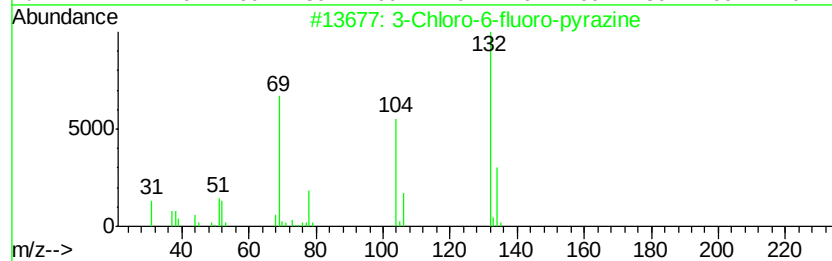
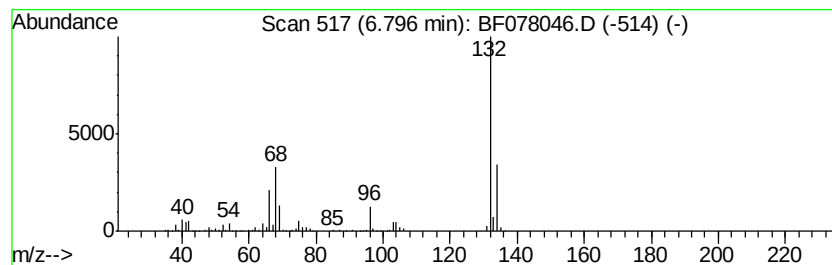
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 unknown6.80 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	76.66 ng	813813	1,4-Dichlorobenzene-d4	7.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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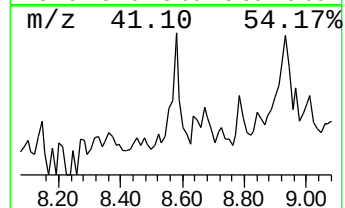
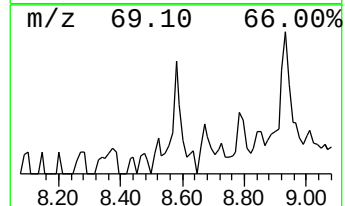
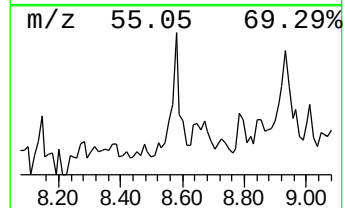
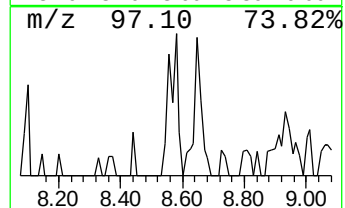
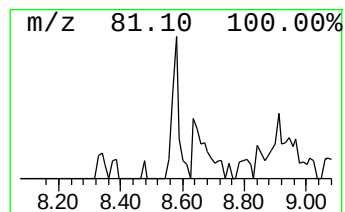
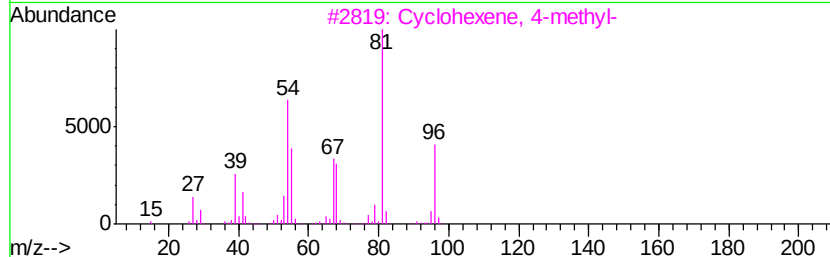
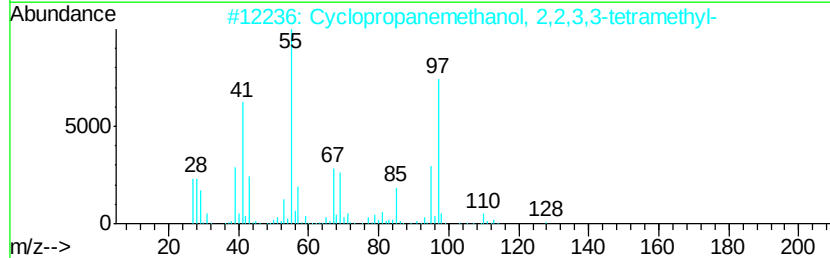
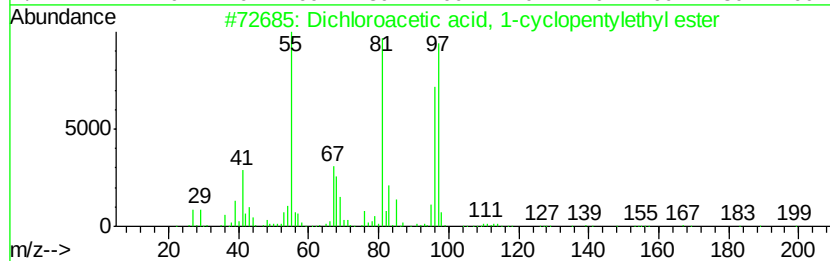
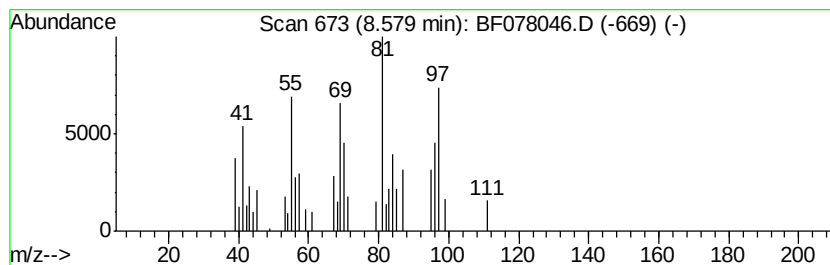
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown8.58 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	3.48 ng	55408	Naphthalene-d8	8.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dichloroacetic acid, 1-cyclopent...	224	C9H14Cl2O2	1000282-56-3	22
2		Cyclopropanemethanol, 2,2,3,3-te...	128	C8H16O	002415-96-5	22
3		Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	22
4		Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	22
5		Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	22



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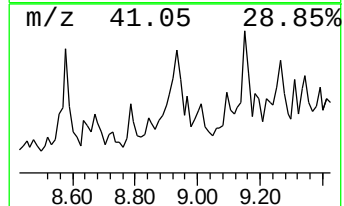
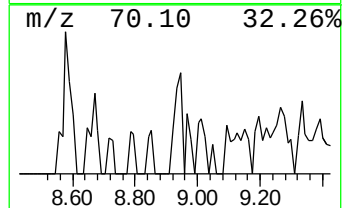
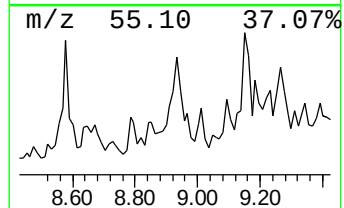
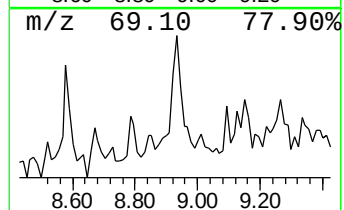
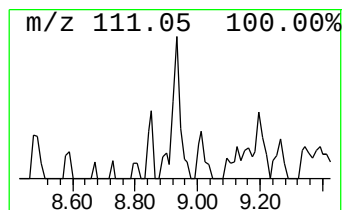
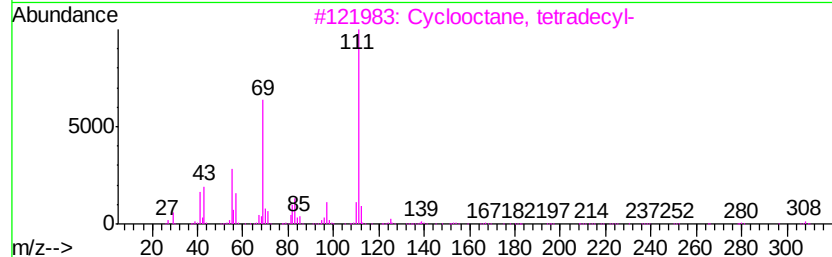
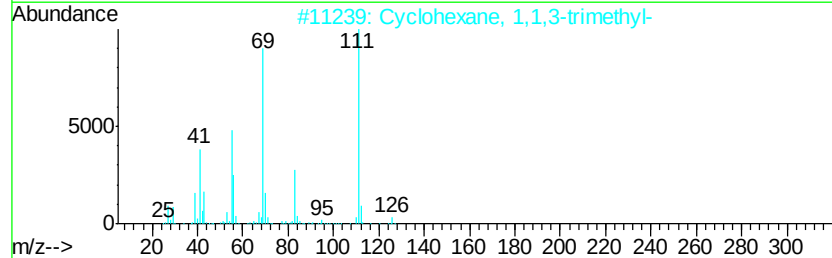
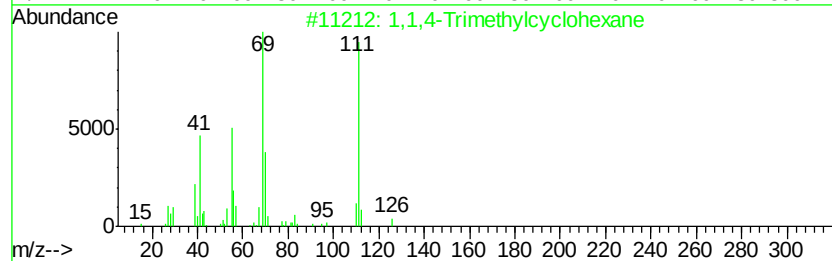
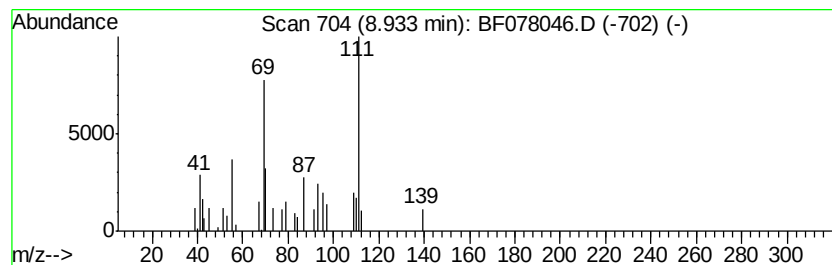
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1,1,4-Trimethylcyclohexane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	3.07 ng	48833	Napthalene-d8	8.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	50
2		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	47
3		Cyclooctane, tetradecyl-	308	C22H44	149003-36-1	42
4		2,4,6-Trimethyl-1,5-diazabicyclo...	126	C7H14N2	1000283-21-2	38
5		Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
Data File : BF078046.D
Acq On : 27 Mar 2015 19:45
Operator : TP/IZ
Sample : G1654-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LIP-22-3-25-15

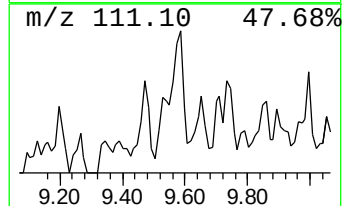
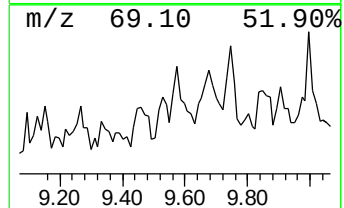
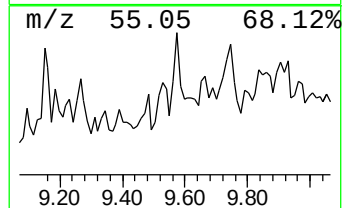
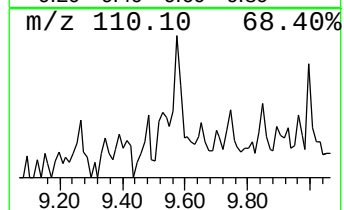
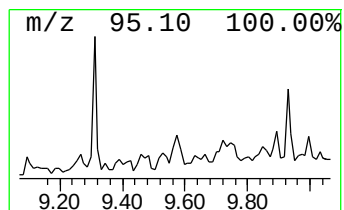
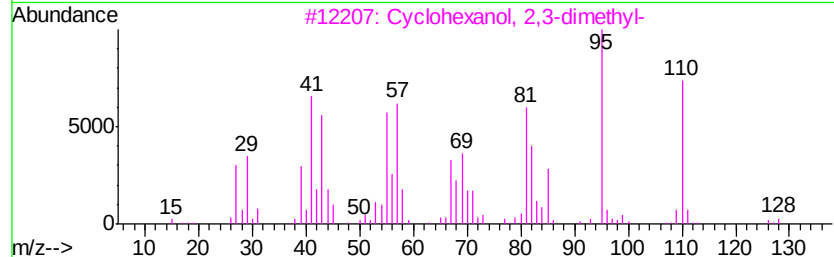
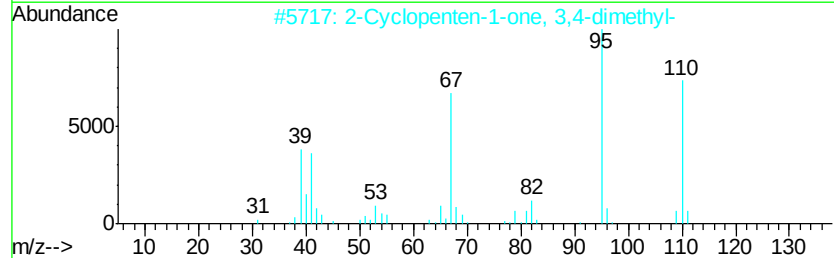
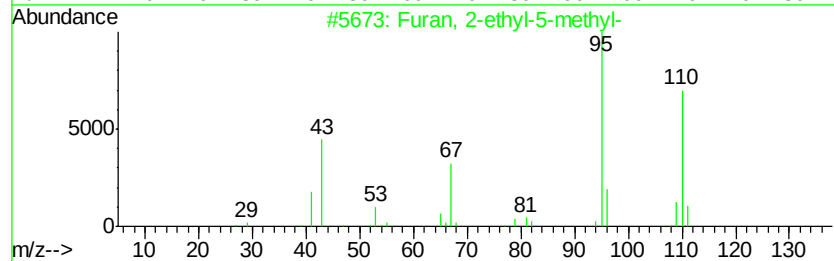
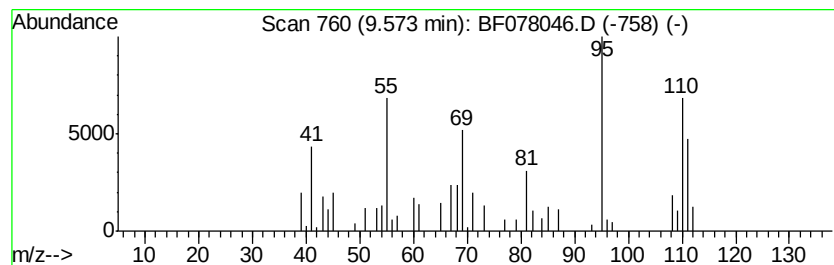
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown9.57 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	3.73 ng	59462	Naphthalene-d8	8.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	43
2		2-Cyclopenten-1-one, 3,4-dimethyl-	110	C7H10O	030434-64-1	43
3		Cyclohexanol, 2,3-dimethyl-	128	C8H16O	001502-24-5	37
4		4,4-Dimethyl-2-cyclopenten-1-one	110	C7H10O	022748-16-9	32
5		Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
Data File : BF078046.D
Acq On : 27 Mar 2015 19:45
Operator : TP/IZ
Sample : G1654-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LIP-22-3-25-15

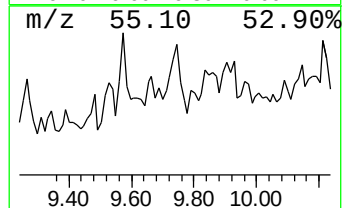
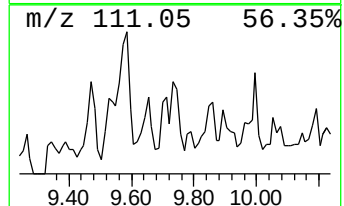
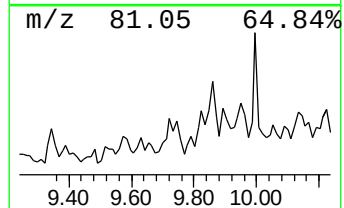
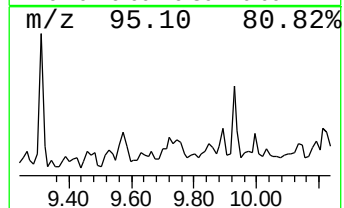
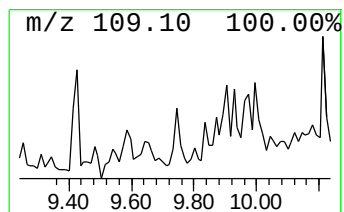
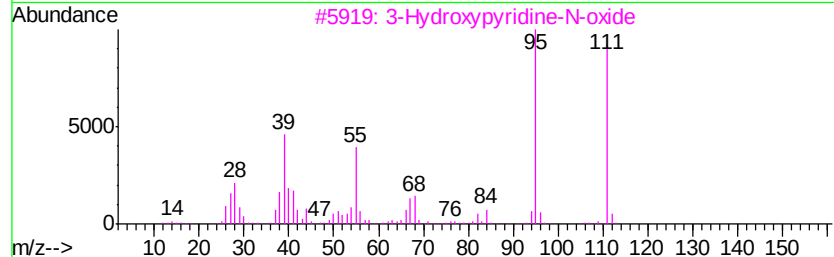
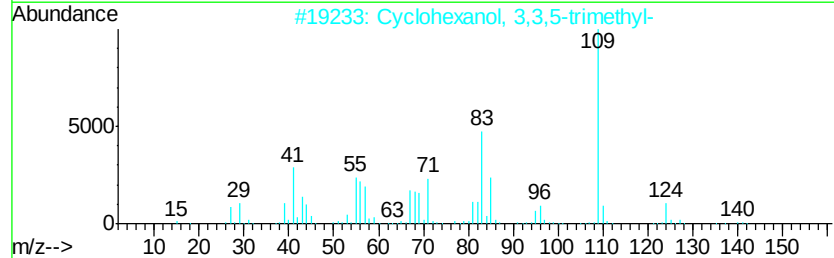
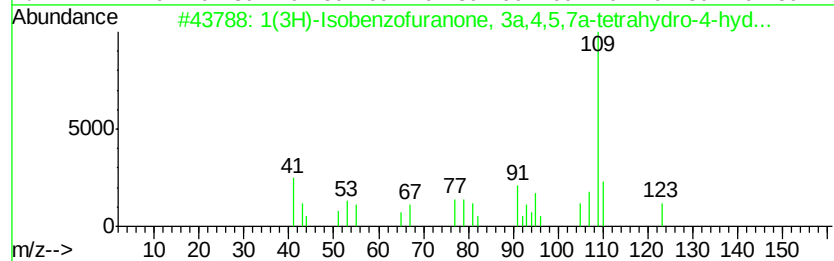
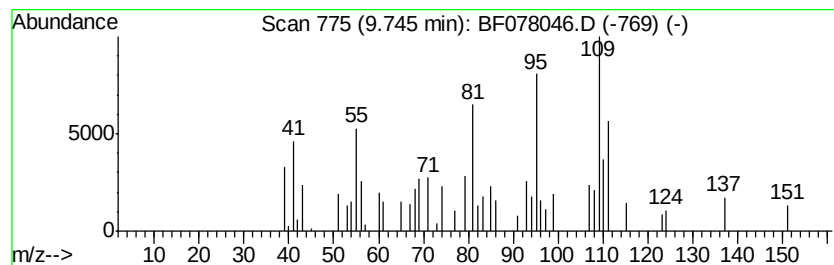
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown9.74 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	4.95 ng	91830	Acenaphthene-d10	10.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1(3H)-Isobenzofuranone, 3a,4,5,7...	182	C10H14O3	054346-06-4	27
2		Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	22
3		3-Hydroxypyridine-N-oxide	111	C5H5NO2	006602-28-4	22
4		1,3-Dimethyl-5-trifluoroacetoxyc...	224	C10H15F3O2	1000216-63-7	22
5		Hexanoic acid, 3,5-dimethylcyclo...	226	C14H26O2	1000279-28-3	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
Data File : BF078046.D
Acq On : 27 Mar 2015 19:45
Operator : TP/IZ
Sample : G1654-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LIP-22-3-25-15

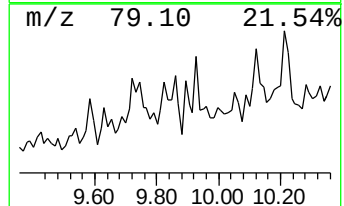
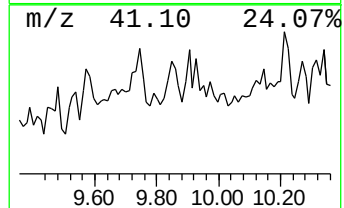
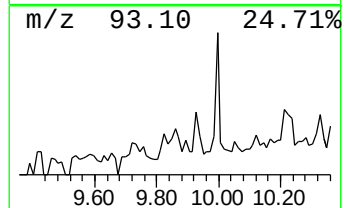
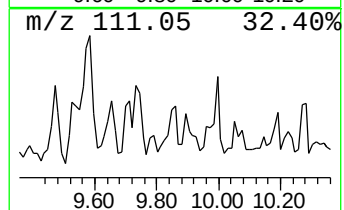
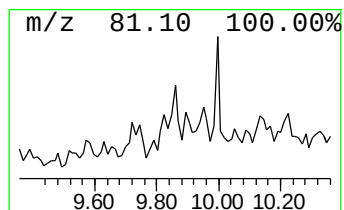
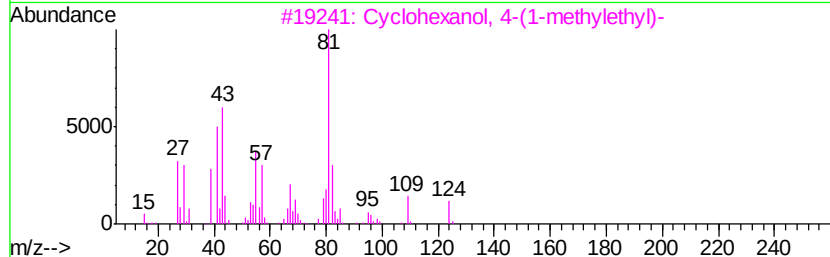
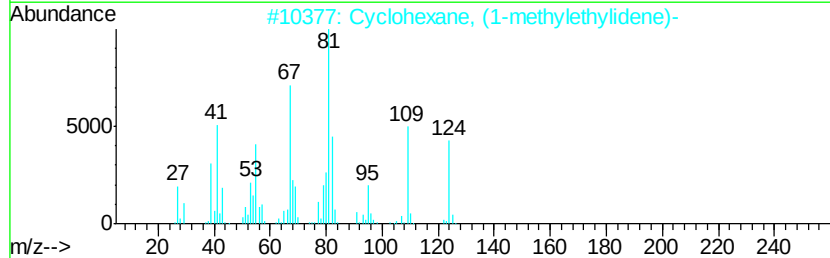
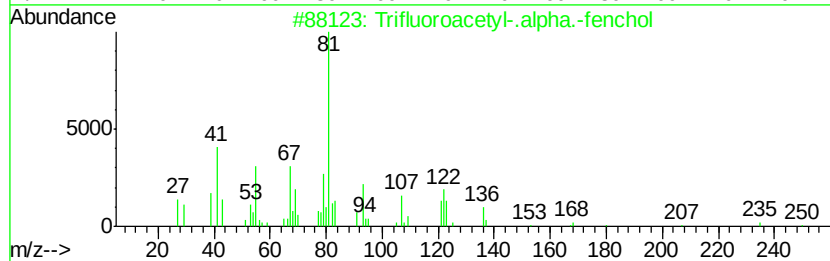
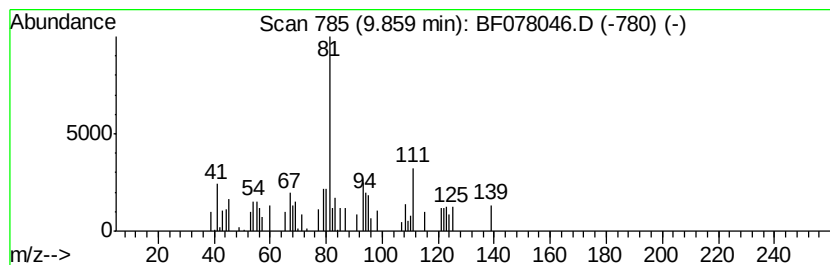
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown9.86 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	3.71 ng	68770	Acenaphthene-d10	10.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trifluoroacetyl-.alpha.-fenchol	250	C12H17F3O2	031076-73-0	43
2			Cyclohexane, (1-methylethylidene)-	124	C9H16	005749-72-4	32
3			Cyclohexanol, 4-(1-methylethyl)-	142	C9H18O	004621-04-9	32
4			2,4-Octadienal, (E,E)-	124	C8H12O	030361-28-5	30
5			2,4-Heptadienal, (E,E)-	110	C7H10O	004313-03-5	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
Data File : BF078046.D
Acq On : 27 Mar 2015 19:45
Operator : TP/IZ
Sample : G1654-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

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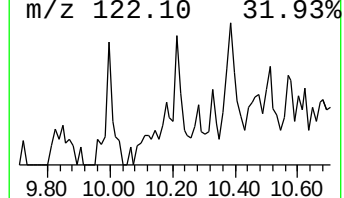
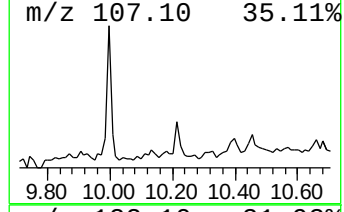
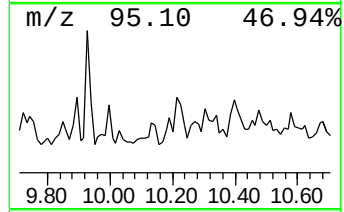
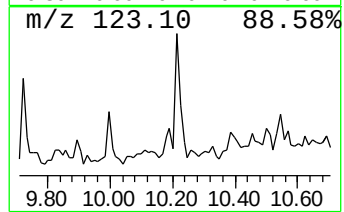
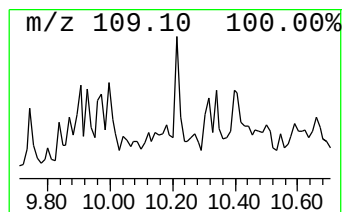
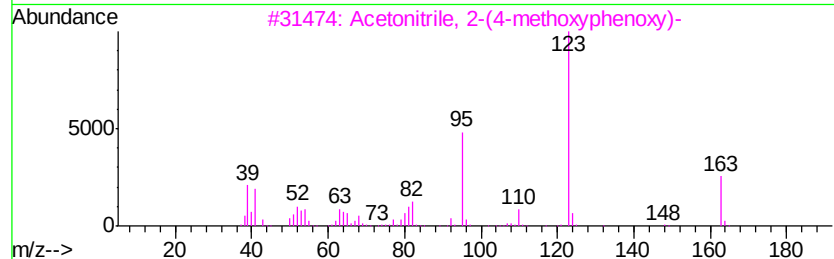
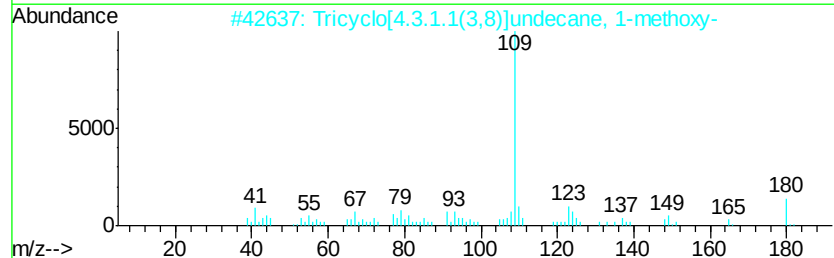
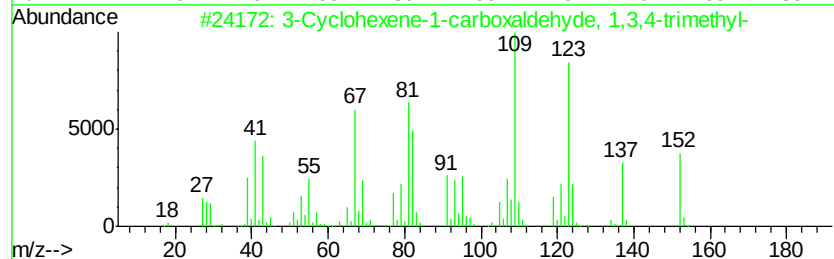
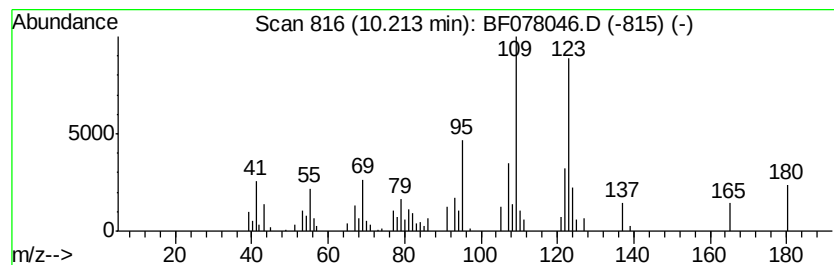
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 3-Cyclohexene-1-carboxaldeh... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	2.70 ng	49993	Acenaphthene-d10	10.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Cyclohexene-1-carboxaldehde, ...	152	C10H16O	040702-26-9	50
2			Tricyclo[4.3.1.1(3,8)]undecane, ...	180	C12H20O	021898-95-3	35
3			Acetonitrile, 2-(4-methoxyphenoxy)-	163	C9H9NO2	022446-12-4	35
4			1,4-Hexadiene, 2,3,4,5-tetramethyl-	138	C10H18	051504-54-2	35
5			Cyclopropane, 1,1-dimethyl-2-(2-...	124	C9H16	033422-32-1	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
Data File : BF078046.D
Acq On : 27 Mar 2015 19:45
Operator : TP/IZ
Sample : G1654-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

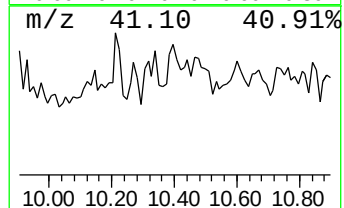
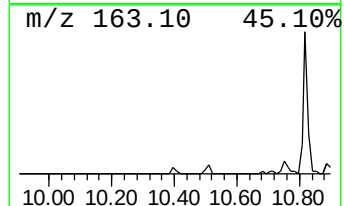
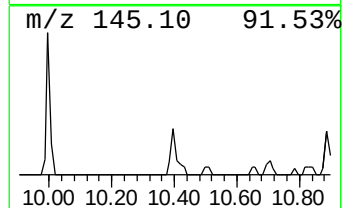
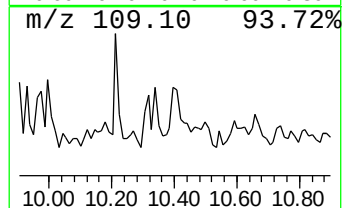
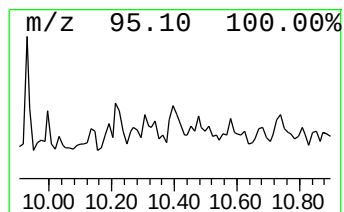
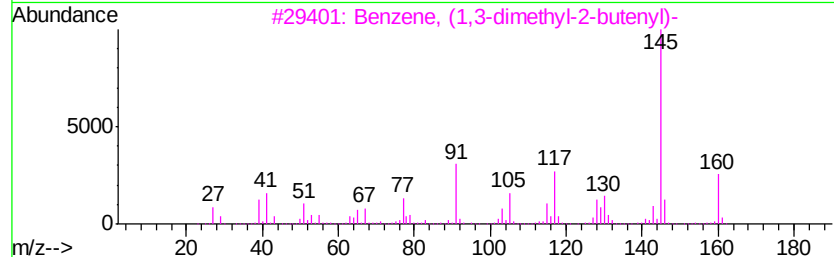
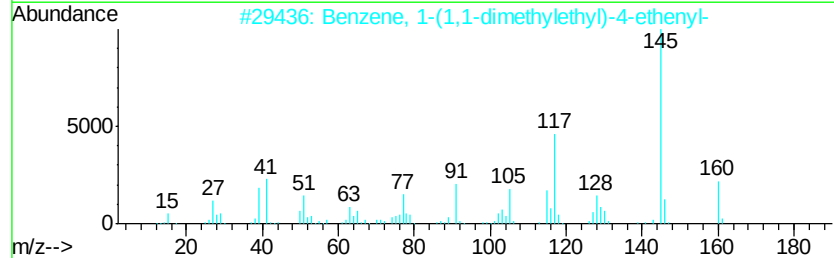
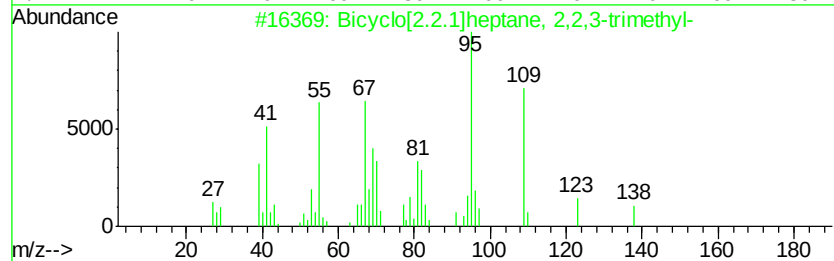
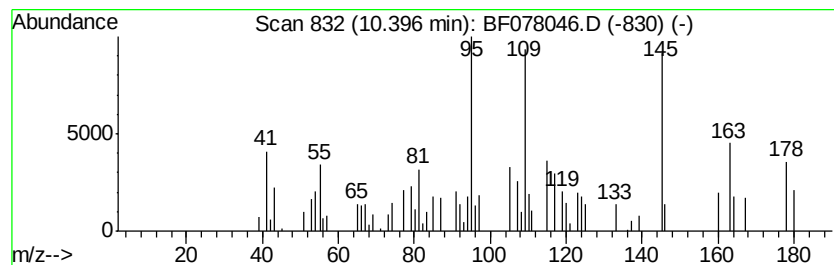
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown10.40 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.40	4.44 ng	82278	Acenaphthene-d10		10.82
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	25
2	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	18
3	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	14
4	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	14
5	Furan, 4-methyl-2-propyl-	124	C8H12O	006148-37-4	11



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
Data File : BF078046.D
Acq On : 27 Mar 2015 19:45
Operator : TP/IZ
Sample : G1654-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LIP-22-3-25-15

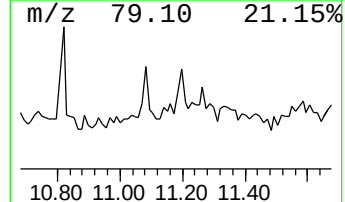
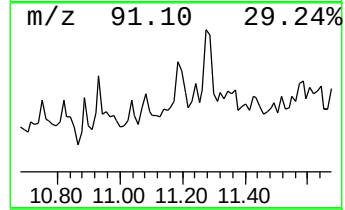
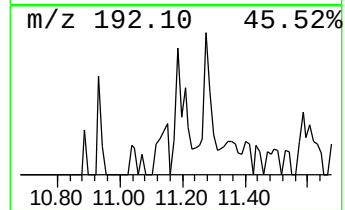
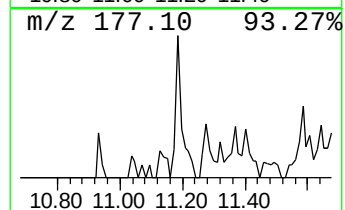
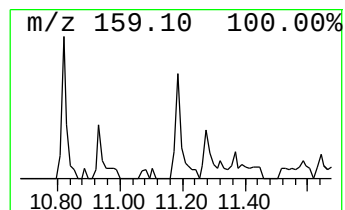
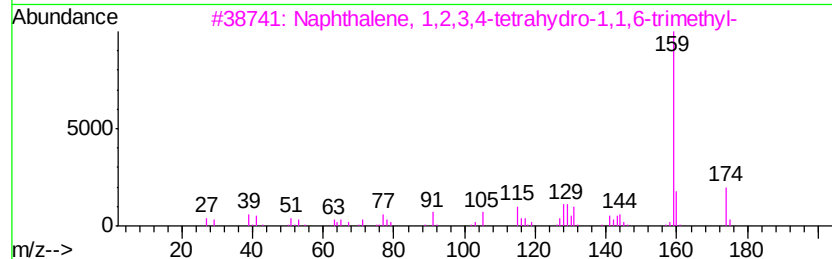
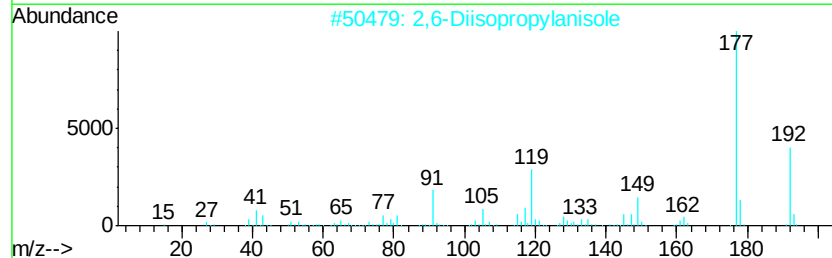
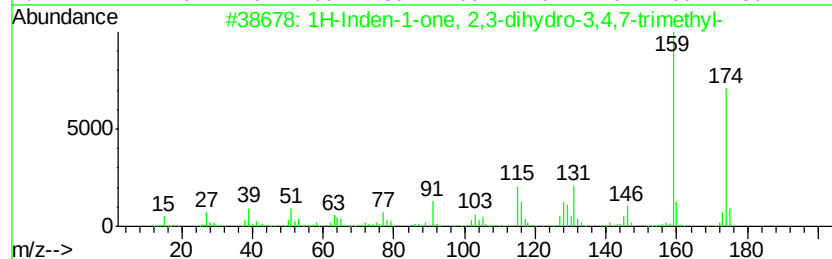
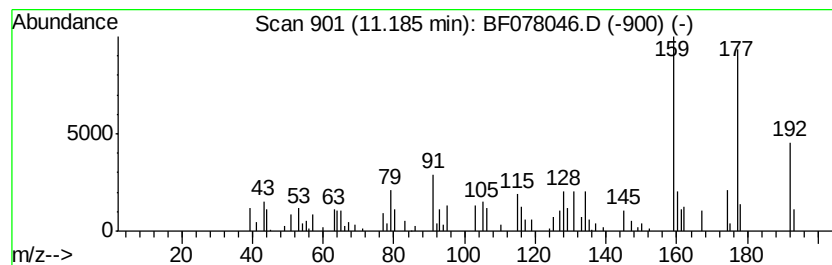
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown11.18 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	2.94 ng	54527	Acenaphthene-d10	10.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Inden-1-one, 2,3-dihydro-3,4,...	174	C12H14O	035322-84-0	38
2			2,6-Diisopropylanisole	192	C13H20O	002944-52-7	35
3			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	30
4			1,4-Benzenediamine, N,N'-bis(1-m...	192	C12H20N2	004251-01-8	30
5			5-Ethyl-3,4-dimethyl-1H-pyrano[2...	192	C10H12N2O2	1000296-60-7	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
Data File : BF078046.D
Acq On : 27 Mar 2015 19:45
Operator : TP/IZ
Sample : G1654-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

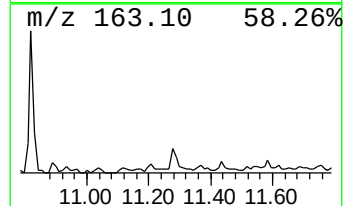
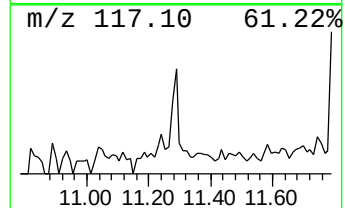
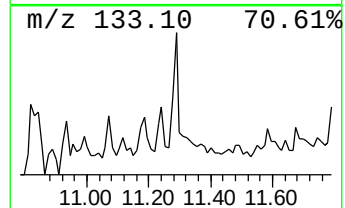
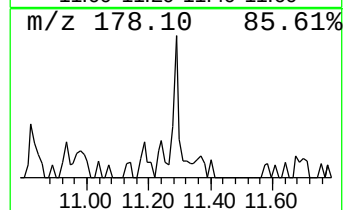
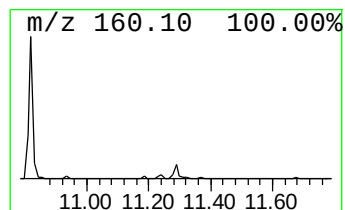
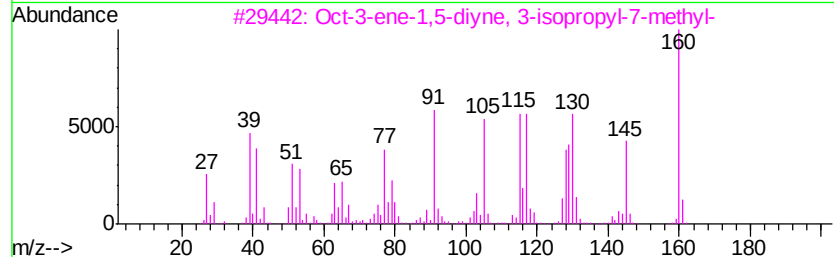
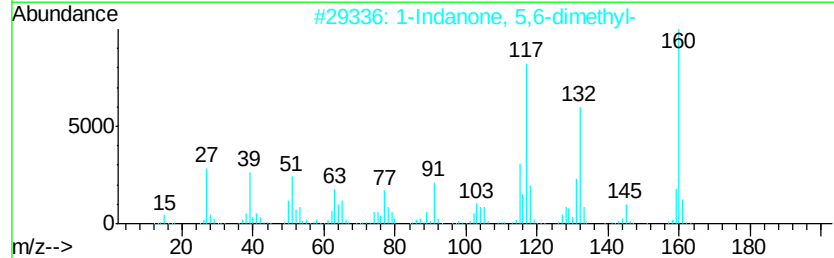
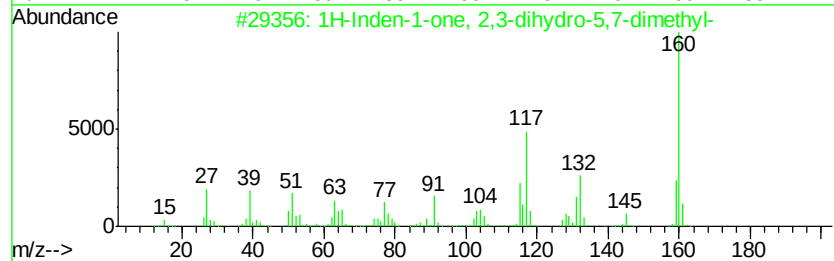
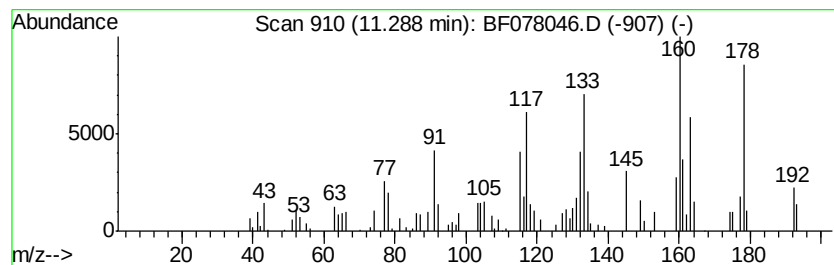
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ClientSampleId :
LIP-22-3-25-15

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.29	3.76 ng	69684	Acenaphthene-d10	10.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-5,7-...	160	C11H12O	006682-69-5	50
2	1-Indanone, 5,6-dimethyl-	160	C11H12O	016440-97-4	41
3	Oct-3-ene-1,5-diyne, 3-isopropyl...	160	C12H16	1000211-23-1	30
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	25
5	2-Methyl-4-phenylthiolane	178	C11H14S	058121-27-0	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
Data File : BF078046.D
Acq On : 27 Mar 2015 19:45
Operator : TP/IZ
Sample : G1654-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LIP-22-3-25-15

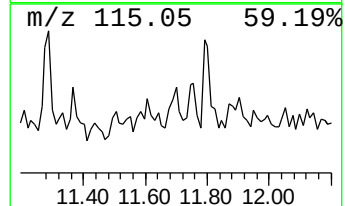
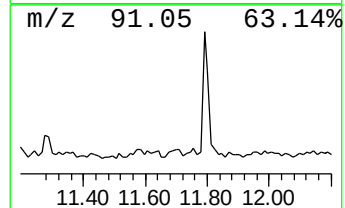
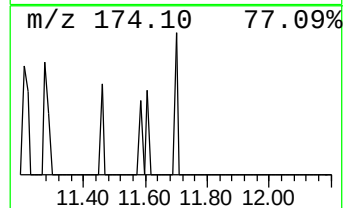
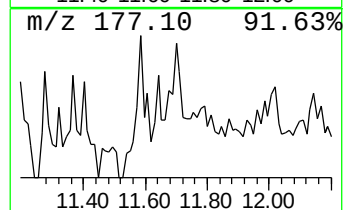
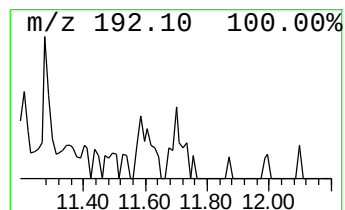
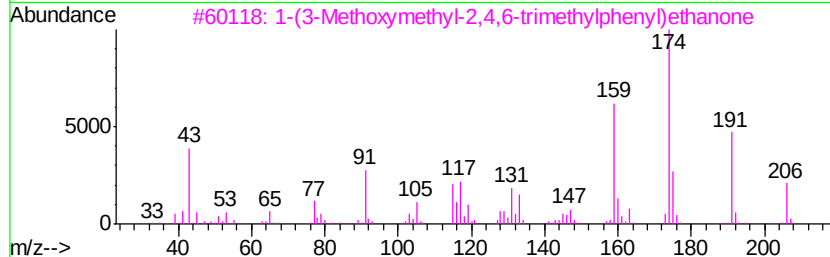
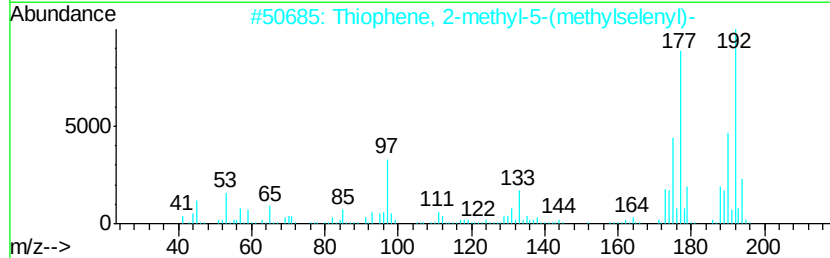
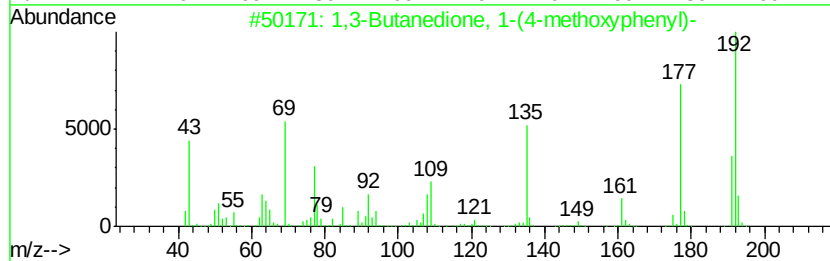
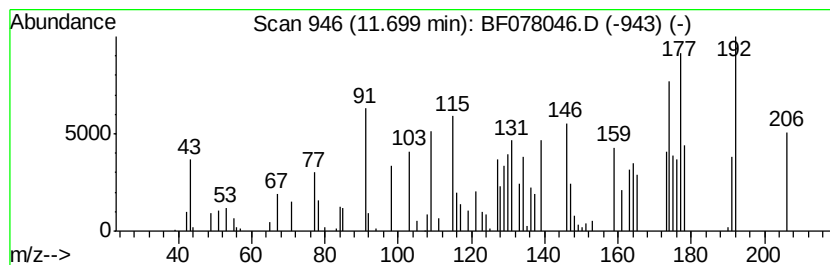
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown11.70 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	2.58 ng	47881	Acenaphthene-d10	10.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Butanedione, 1-(4-methoxyph...	192	C11H12O3	004023-80-7	27
2			Thiophene, 2-methyl-5-(methylsel...	192	C6H8SSe	029421-78-1	25
3			1-(3-Methoxymethyl-2,4,6-trimeth...	206	C13H18O2	1000202-13-3	22
4			Pentamethylbenzoic acid	192	C12H16O2	002243-32-5	16
5			Pyrazine, tetraethyl-	192	C12H20N2	038325-19-8	16



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
Data File : BF078046.D
Acq On : 27 Mar 2015 19:45
Operator : TP/IZ
Sample : G1654-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LIP-22-3-25-15

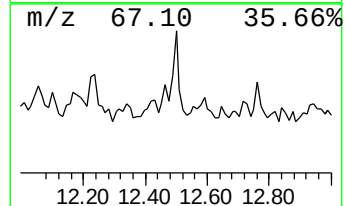
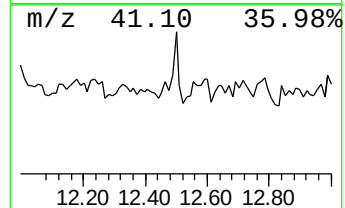
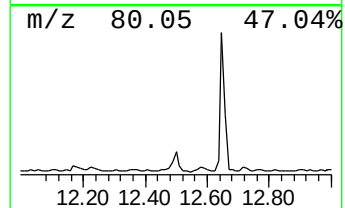
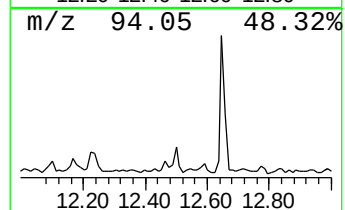
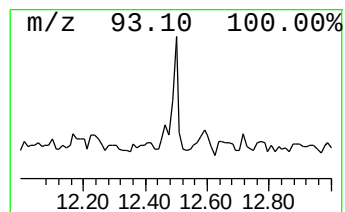
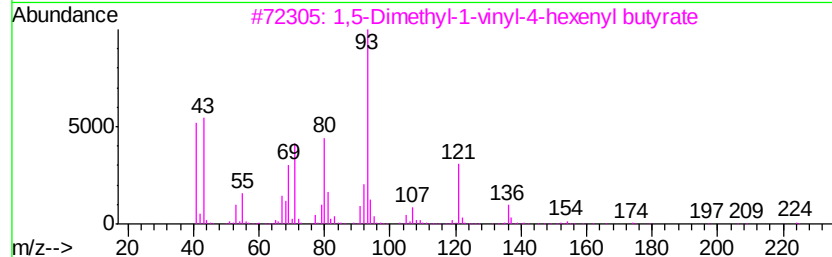
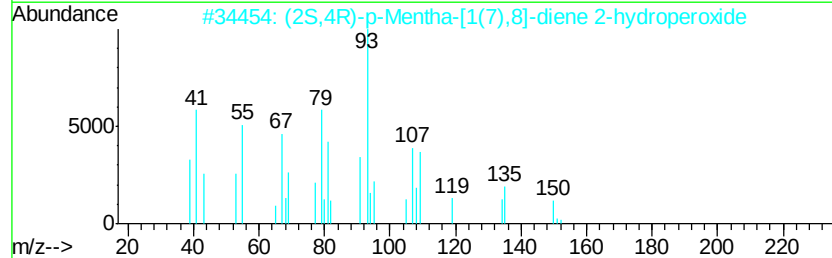
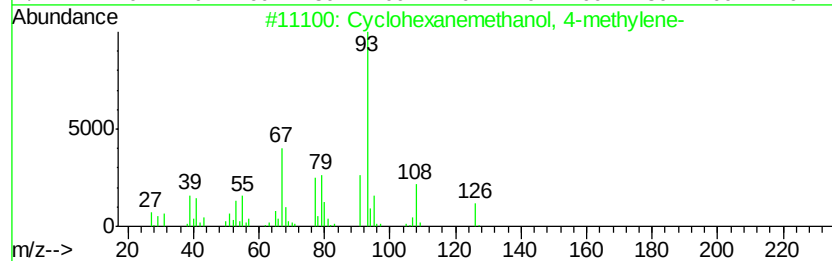
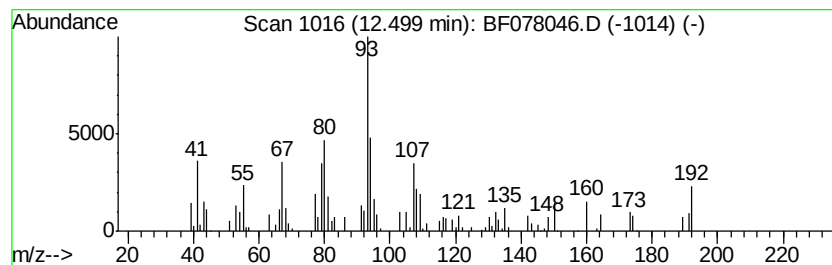
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown12.50 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	2.78 ng	52388	Phenanthrene-d10	12.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanemethanol, 4-methylene-	126	C8H14O	001004-24-6	35
2		(2S,4R)-p-Mentha-[1(7),8]-diene ...	168	C10H16O2	1000292-74-4	32
3		1,5-Dimethyl-1-vinyl-4-hexenyl b...	224	C14H24O2	000078-36-4	32
4		Spiro[2.4]heptane, 1,2,4,5-tetra...	164	C12H20	074792-98-6	27
5		1,6-Octadien-3-ol, 3,7-dimethyl-...	182	C11H18O2	000115-99-1	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
Data File : BF078046.D
Acq On : 27 Mar 2015 19:45
Operator : TP/IZ
Sample : G1654-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LIP-22-3-25-15

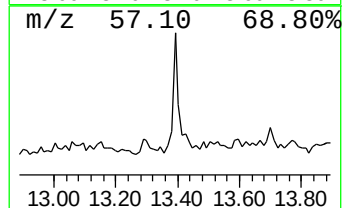
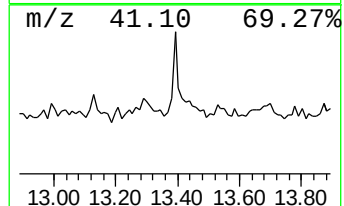
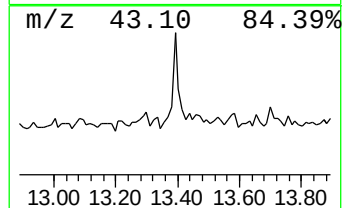
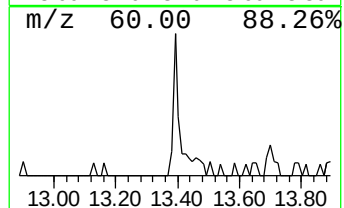
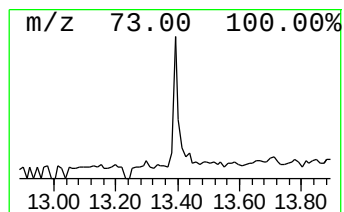
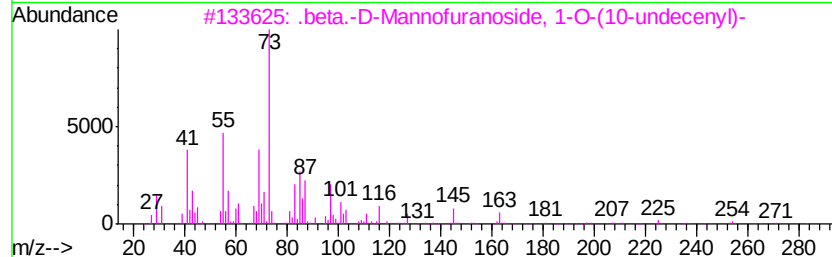
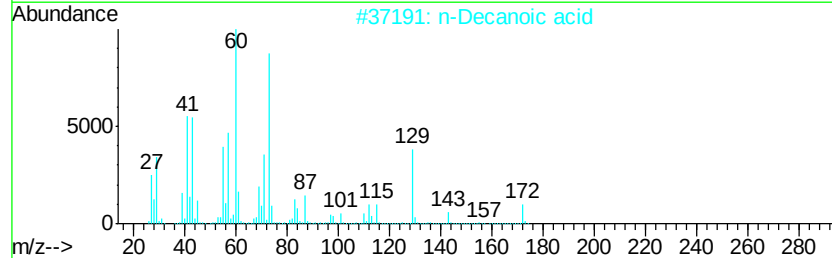
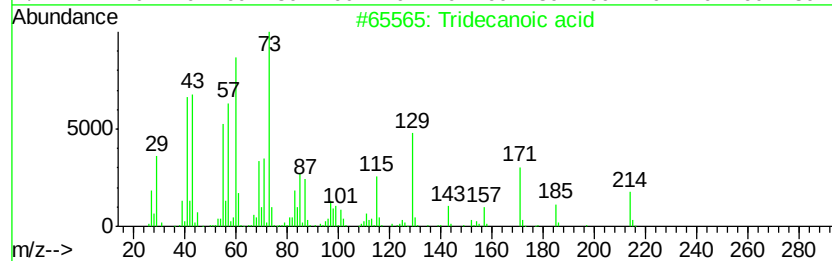
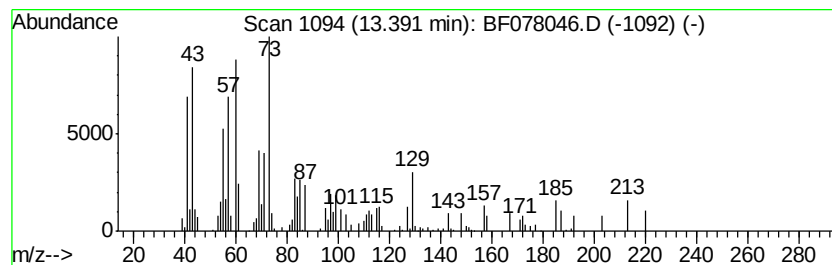
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tridecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	2.86 ng	53820	Phenanthrene-d10	12.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	78
2			n-Decanoic acid	172	C10H20O2	000334-48-5	70
3			.beta.-D-Mannofuranoside, 1-O-(1...	332	C17H32O6	1000155-29-9	18
4			2-Butenoic acid, 2-methoxy-3-met...	144	C7H12O3	056009-32-6	10
5			Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	10



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
Data File : BF078046.D
Acq On : 27 Mar 2015 19:45
Operator : TP/IZ
Sample : G1654-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

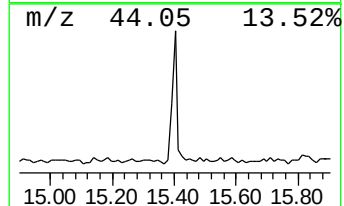
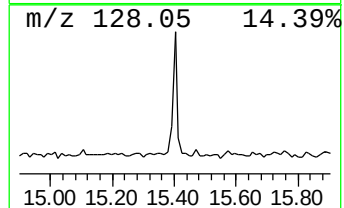
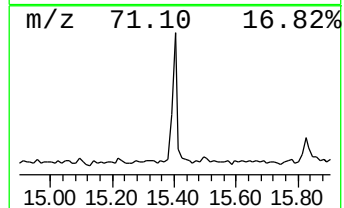
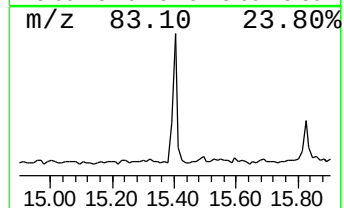
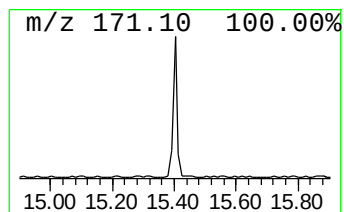
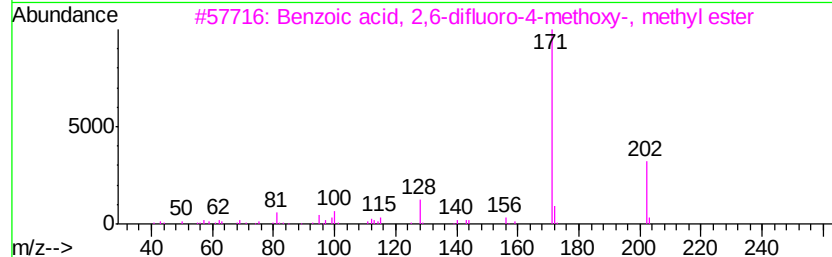
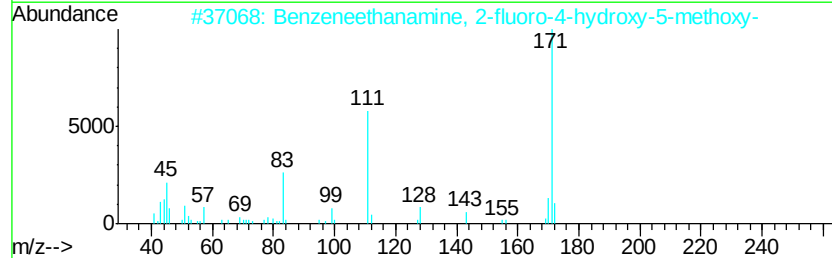
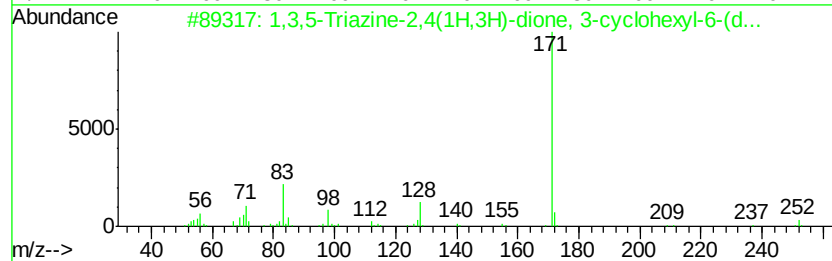
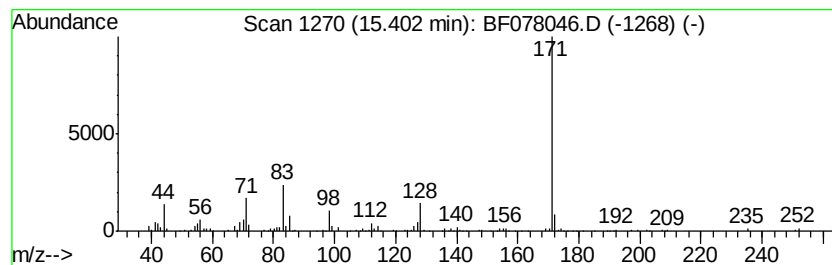
Instrument :
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ClientSampleId :
LIP-22-3-25-15

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1,3,5-Triazine-2,4(1H,3H)-d... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.40	4.95 ng	108692	Chrysene-d12	15.93	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazine-2,4(1H,3H)-dione,...	252	C12H20N4O2	051235-04-2	96
2	Benzeneethanamine, 2-fluoro-4-hy...	171	C8H10FN02	1000116-43-3	50
3	Benzoic acid, 2,6-difluoro-4-met...	202	C9H8F2O3	084937-82-6	50
4	4-Pyrrolylbenzaldehyde	171	C11H9NO	023351-05-5	47
5	1,3,5-Triazine-2,4,6(1H,3H,5H)-t...	171	C6H9N3O3	000827-16-7	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
Data File : BF078046.D
Acq On : 27 Mar 2015 19:45
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LIP-22-3-25-15

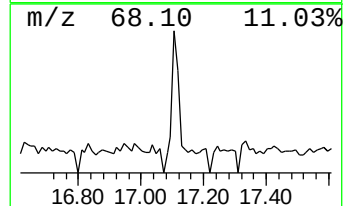
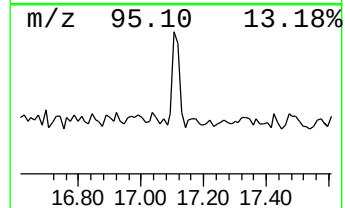
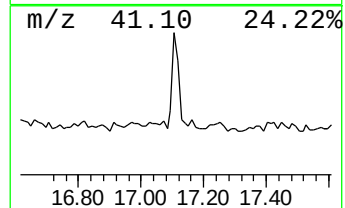
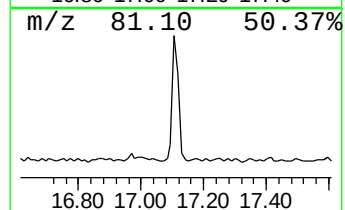
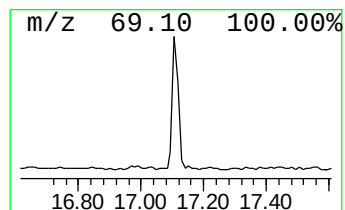
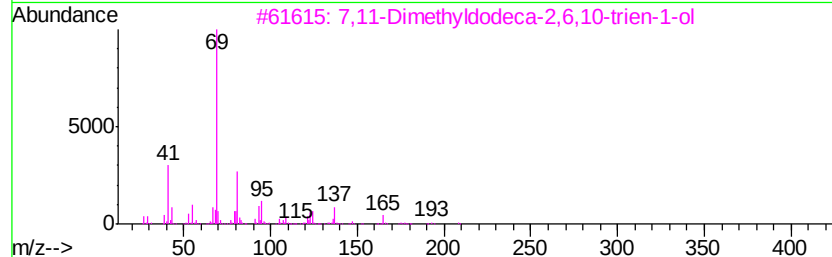
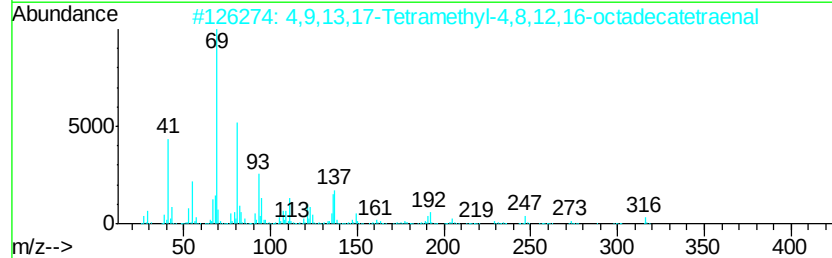
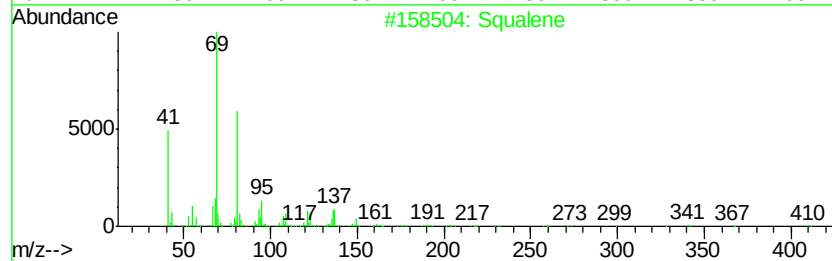
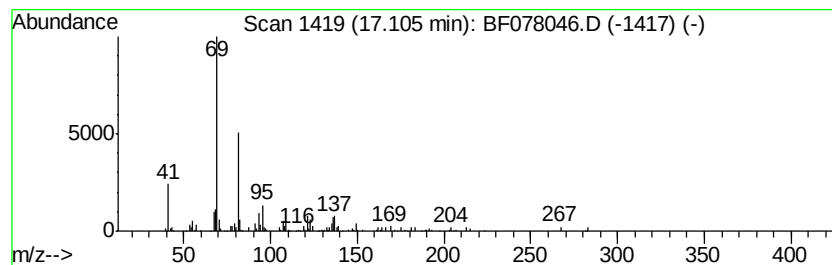
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Squalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.11	4.47 ng	96266	Perylene-d12	17.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	91
2		4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	83
3		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
4		5,9,13-Pentadecatrien-2-one, 6,1...	262	C18H30O	001117-52-8	72
5		4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
 Data File : BF078046.D
 Acq On : 27 Mar 2015 19:45
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Instrument :
 BNA_F
 ClientSampleId :
 LIP-22-3-25-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.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
Butane, 2-methoxy...	1.50	26.9	ng	285673	1	7.07	212314	20.0
2-Pentanone, 4-hy...	4.82	3.5	ng	37095	1	7.07	212314	20.0
unknown6.80	6.80	76.7	ng	813813	1	7.07	212314	20.0
unknown8.58	8.58	3.5	ng	55408	2	8.65	318424	20.0
1,1,4-Trimethylcy...	8.93	3.1	ng	48833	2	8.65	318424	20.0
unknown9.57	9.57	3.7	ng	59462	2	8.65	318424	20.0
unknown9.74	9.74	5.0	ng	91830	3	10.82	370900	20.0
unknown9.86	9.86	3.7	ng	68770	3	10.82	370900	20.0
3-Cyclohexene-1-c...	10.21	2.7	ng	49993	3	10.82	370900	20.0
unknown10.40	10.40	4.4	ng	82278	3	10.82	370900	20.0
unknown11.18	11.18	2.9	ng	54527	3	10.82	370900	20.0
1H-Inden-1-one, 2...	11.29	3.8	ng	69684	3	10.82	370900	20.0
unknown11.70	11.70	2.6	ng	47881	3	10.82	370900	20.0
unknown12.50	12.50	2.8	ng	52388	4	12.65	376960	20.0
Tridecanoic acid	13.39	2.9	ng	53820	4	12.65	376960	20.0
1,3,5-Triazine-2,...	15.40	5.0	ng	108692	5	15.93	439134	20.0
Squalene	17.11	4.5	ng	96266	6	17.67	430502	20.0