

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
 Data File : BF084217.D
 Acq On : 1 Jan 2016 1:35
 Operator : UM/SJ
 Sample : G4982-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0535

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-BF123115.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	2.178	6	8	22	rVB4	138432	439921	1.78%	0.189%
2	4.464	204	208	210	rVB	298829	409228	1.66%	0.176%
3	5.081	260	262	266	rVB	776607	987902	4.01%	0.424%
4	5.173	268	270	272	rVV	1664101	2309326	9.36%	0.992%
5	5.493	296	298	301	rVB	3470380	4185247	16.97%	1.798%
6	5.950	336	338	341	rVB2	362813	369767	1.50%	0.159%
7	6.019	342	344	346	rBV	270088	289958	1.18%	0.125%
8	6.064	346	348	350	rBV	1296022	1219017	4.94%	0.524%
9	6.122	350	353	354	rBV2	332012	519974	2.11%	0.223%
10	6.167	354	357	359	rVB	188564	255857	1.04%	0.110%
11	6.213	359	361	364	rBV2	574636	951437	3.86%	0.409%
12	6.407	375	378	381	rBV3	178071	346439	1.40%	0.149%
13	6.522	386	388	390	rVB	3005801	2561789	10.39%	1.100%
14	6.590	390	394	395	rVB	311327	359955	1.46%	0.155%
15	6.670	398	401	403	rBV	7442940	7390523	29.96%	3.175%
16	6.727	403	406	408	rBV4	205502	416379	1.69%	0.179%
17	6.796	408	412	413	rVB2	303201	581845	2.36%	0.250%
18	6.853	415	417	419	rVB2	230574	261572	1.06%	0.112%
19	6.899	419	421	425	rBV	2270606	2143308	8.69%	0.921%
20	6.967	425	427	430	rVB3	245871	438236	1.78%	0.188%
21	7.059	433	435	437	rBV	7598729	7171608	29.07%	3.081%
22	7.207	445	448	454	rVB4	353077	1243321	5.04%	0.534%
23	7.299	454	456	458	rBV3	200032	395064	1.60%	0.170%
24	7.470	458	471	472	rBV	7474431	15795737	64.04%	6.785%
25	7.527	472	476	477	rVV2	3045652	8234338	33.38%	3.537%
26	7.619	479	484	485	rVV4	2686245	7836940	31.77%	3.367%
27	7.642	485	486	488	rVV2	2859243	4448233	18.03%	1.911%
28	7.699	488	491	493	rVB2	1519856	2622287	10.63%	1.126%
29	7.745	493	495	497	rBV2	1308670	2384120	9.67%	1.024%
30	7.847	497	504	505	rVV	3248539	9235614	37.44%	3.967%
31	7.870	505	506	509	rVB2	2119887	2854696	11.57%	1.226%
32	7.927	509	511	513	rBV	720246	904111	3.67%	0.388%
33	7.973	513	515	516	rBV2	366534	401101	1.63%	0.172%
34	8.042	518	521	523	rVB2	545152	944170	3.83%	0.406%

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35	8.076	523	524	528	rBV4	378238	858139	3.48%	0.369%
36	8.190	530	534	535	rBV	2954256	3740905	15.17%	1.607%
37	8.225	535	537	542	rVB4	533120	1403091	5.69%	0.603%
38	8.339	543	547	548	rBV4	846312	1951903	7.91%	0.838%
39	8.396	548	552	553	rVV2	1533263	4112615	16.67%	1.767%
40	8.476	557	559	562	rVV3	1642700	3895764	15.79%	1.674%
41	8.579	562	568	569	rVV4	2791189	9074384	36.79%	3.898%
42	8.647	569	574	580	rVV8	4235591	24666316	100.00%	10.596%
43	8.727	580	581	582	rVV	2284557	2738163	11.10%	1.176%
44	8.750	582	583	585	rVV	3025980	3923974	15.91%	1.686%
45	8.785	585	586	588	rVV2	2095353	2374300	9.63%	1.020%
46	8.830	588	590	591	rVV	2453741	3460691	14.03%	1.487%
47	8.865	591	593	594	rVV	2243597	4210774	17.07%	1.809%
48	8.899	594	596	598	rVV	4042385	6524817	26.45%	2.803%
49	8.956	600	601	604	rVV2	1570721	2874710	11.65%	1.235%
50	9.002	604	605	606	rVV	885260	892330	3.62%	0.383%
51	9.048	607	609	610	rVV2	1021009	1217972	4.94%	0.523%
52	9.082	610	612	614	rVV2	817430	1799200	7.29%	0.773%
53	9.185	618	621	622	rVV	1094627	2136283	8.66%	0.918%
54	9.219	622	624	626	rVV	2123136	3275124	13.28%	1.407%
55	9.276	626	629	630	rVV	6766577	10018176	40.61%	4.304%
56	9.299	630	631	634	rVV	2511163	2555796	10.36%	1.098%
57	9.356	634	636	637	rVV2	765911	1077703	4.37%	0.463%
58	9.390	637	639	641	rVV3	727295	1726006	7.00%	0.741%
59	9.470	644	646	648	rVV2	955042	1730998	7.02%	0.744%
60	9.505	648	649	651	rVV2	526841	608805	2.47%	0.262%
61	9.608	655	658	660	rVV3	1062183	1877950	7.61%	0.807%
62	9.665	660	663	665	rVV	751620	1309262	5.31%	0.562%
63	9.710	665	667	669	rVV2	316836	441950	1.79%	0.190%
64	9.768	669	672	674	rVV	5184693	4765821	19.32%	2.047%
65	9.825	674	677	680	rVV4	519728	981943	3.98%	0.422%
66	9.882	680	682	684	rVV2	499911	636860	2.58%	0.274%
67	9.939	684	687	689	rVV2	1983948	2968107	12.03%	1.275%
68	10.076	697	699	700	rBV2	260931	403272	1.63%	0.173%
69	10.179	705	708	709	rVV	588194	947510	3.84%	0.407%
70	10.213	709	711	713	rVV3	452270	930830	3.77%	0.400%
71	10.259	713	715	716	rVV2	1173357	1393529	5.65%	0.599%

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72	10.282	716	717	723	rVB3	1126368	1783899	7.23%	0.766%
73	10.373	723	725	727	rBV2	977505	1099121	4.46%	0.472%
74	10.556	740	741	746	rVB4	493922	1078897	4.37%	0.463%
75	10.636	746	748	751	rBV3	273481	659988	2.68%	0.284%
76	10.728	754	756	758	rVV2	3370823	4619900	18.73%	1.985%
77	10.762	758	759	764	rVB4	486849	648197	2.63%	0.278%
78	10.853	764	767	770	rBV3	395434	619935	2.51%	0.266%
79	10.991	777	779	782	rVB3	383713	602022	2.44%	0.259%
80	11.048	782	784	787	rBV3	190481	429547	1.74%	0.185%
81	11.425	815	817	819	rBV	1941426	1768350	7.17%	0.760%
82	11.974	862	865	867	rBV	386270	628474	2.55%	0.270%
83	12.751	931	933	936	rBV	368963	390470	1.58%	0.168%
84	13.014	953	956	958	rBV	5319088	4794935	19.44%	2.060%
85	13.917	1033	1035	1043	rVB	299089	378668	1.54%	0.163%
86	14.065	1046	1048	1050	rVB	1276408	1382493	5.60%	0.594%
87	15.505	1171	1174	1177	rVB	1250883	1490266	6.04%	0.640%

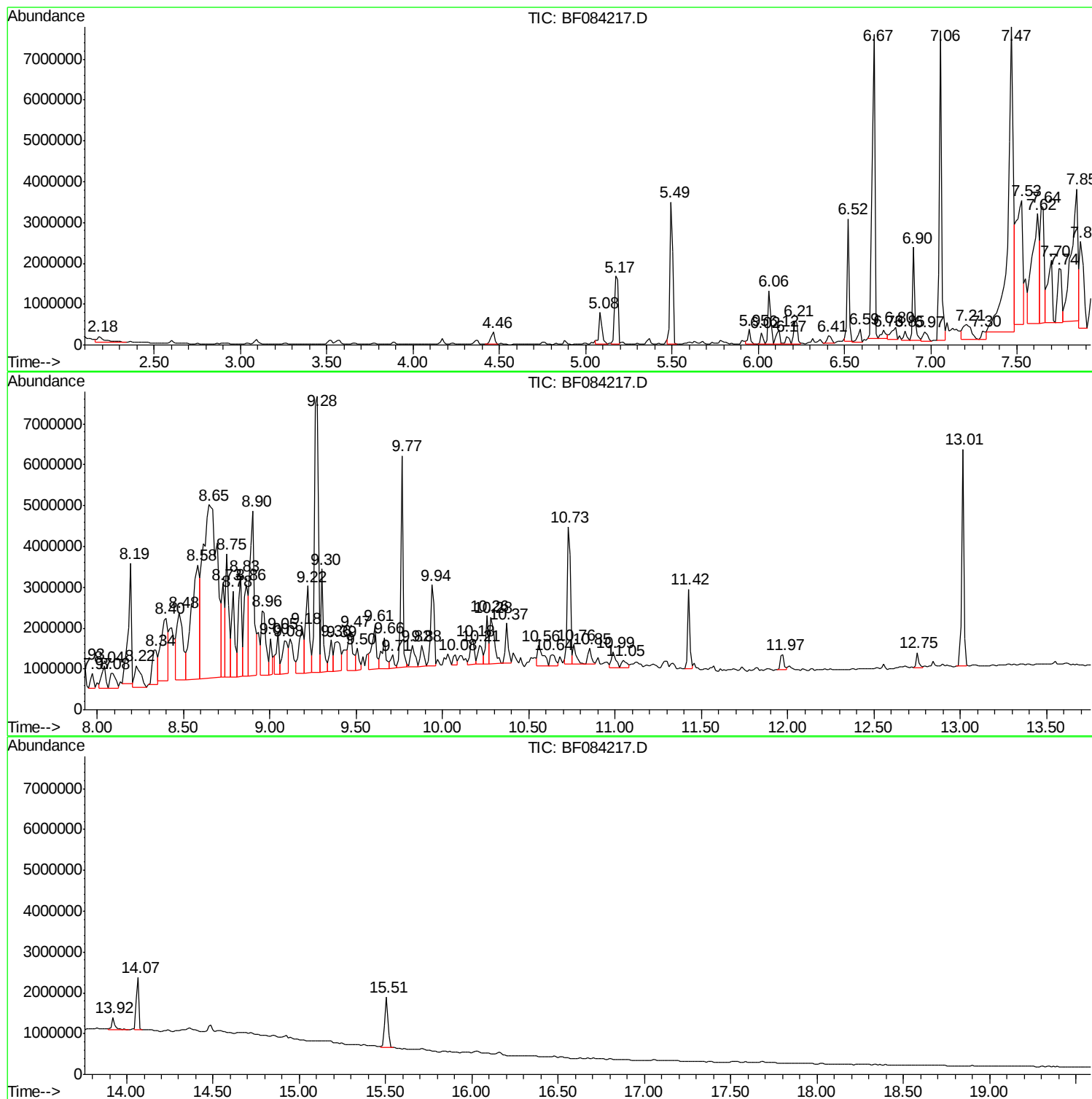
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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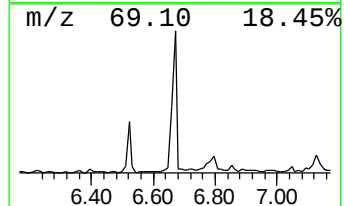
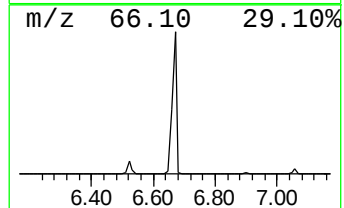
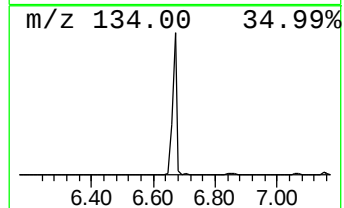
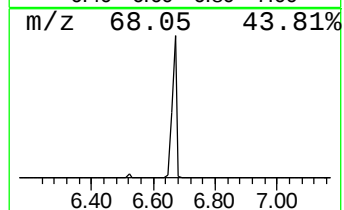
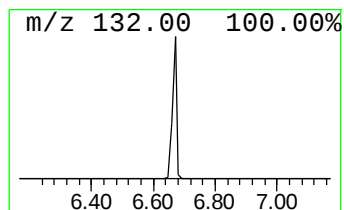
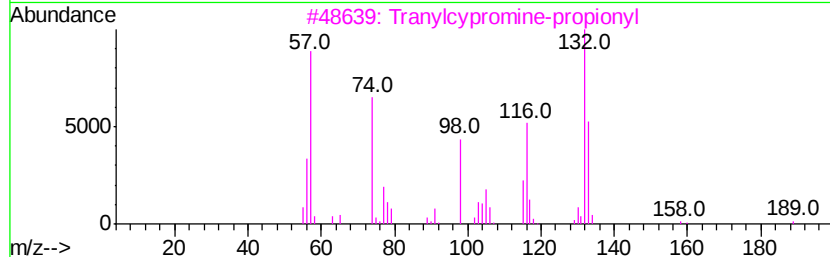
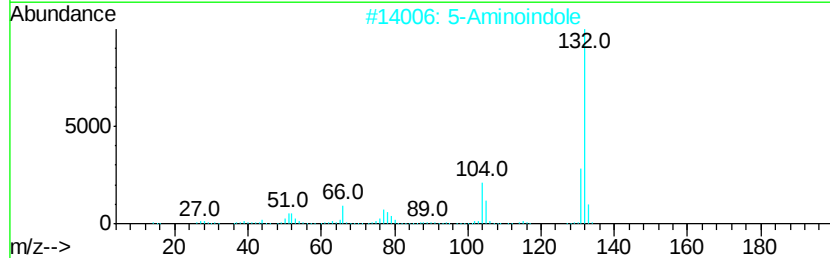
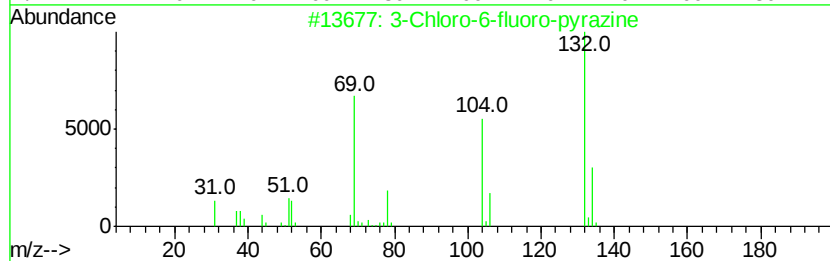
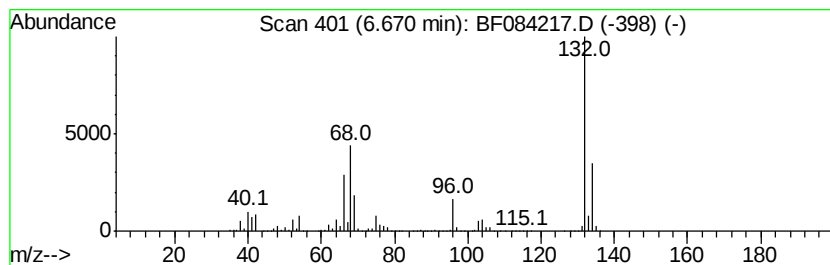
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.67 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	68.96 ng	7390520	1,4-Dichlorobenzene-d4	6.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3		Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5		Aminoindole	132	C8H8N2	005192-03-0	12
3			Tranvlcvpromine-propionyl	189	C12H15NO	1000123-86-3	10
4			Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5			Xenon	132	Xe	007440-63-3	9



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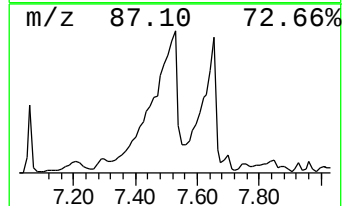
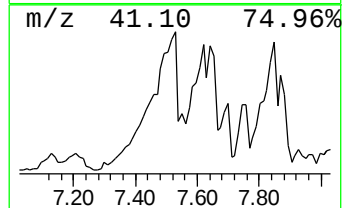
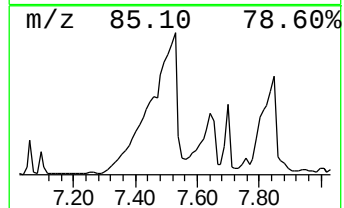
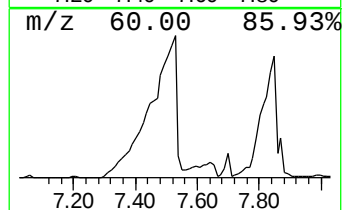
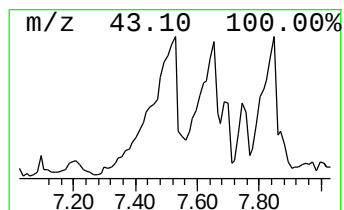
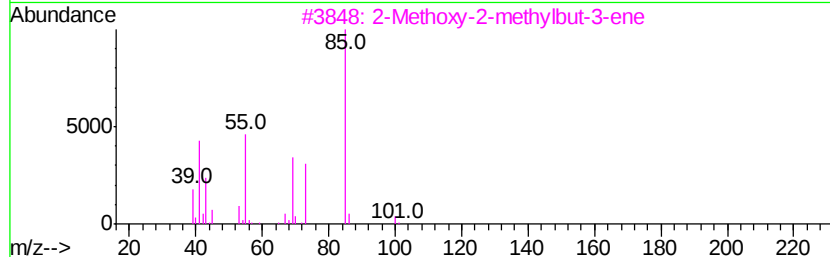
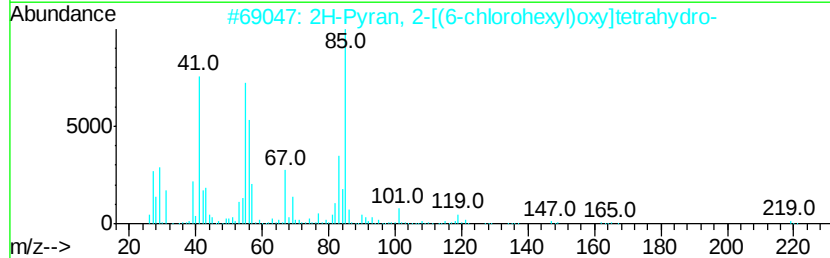
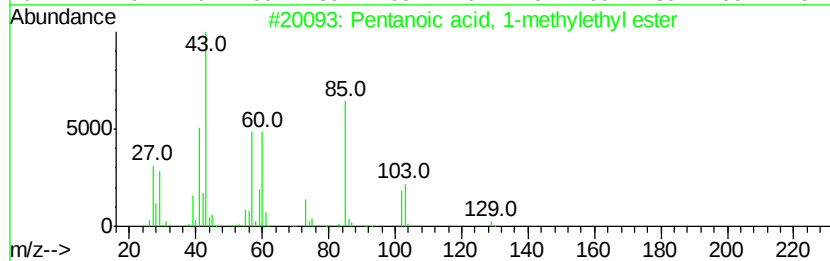
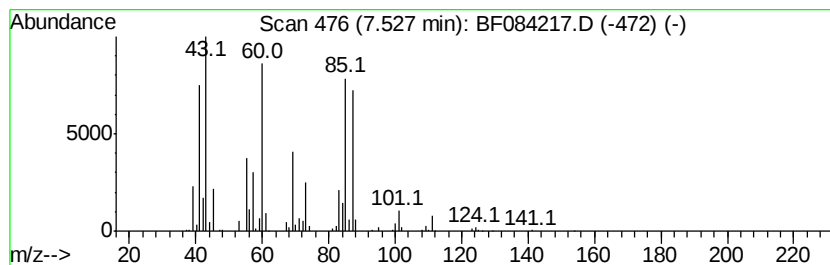
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Pentanoic acid, 1-methyleth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	76.84 ng	8234340	1,4-Dichlorobenzene-d4	6.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentanoic acid, 1-methylethyl ester	144	C8H16O2	018362-97-5	50
2		2H-Pyran, 2-[(6-chlorohexyl)oxy]...	220	C11H21ClO2	002009-84-9	27
3		2-Methoxy-2-methylbut-3-ene	100	C6H12O	040426-44-6	25
4		1-Pentanol, 2,2-dimethyl-	116	C7H16O	002370-12-9	22
5		1,6-Anhydro-.beta.-D-glucopyrano...	162	C6H10O5	000498-07-7	22



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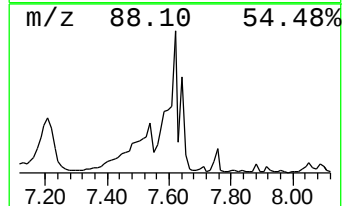
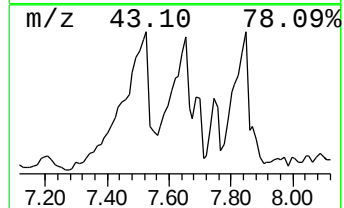
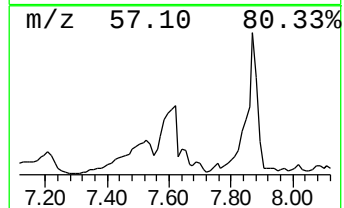
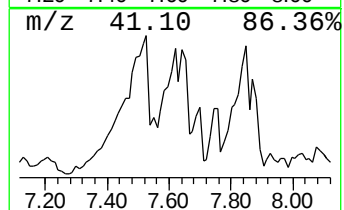
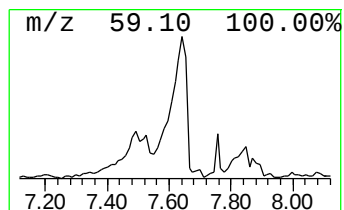
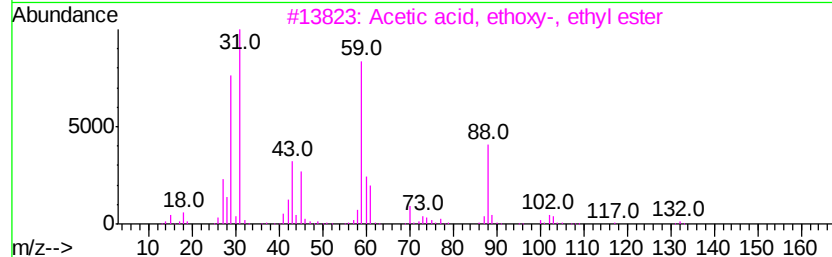
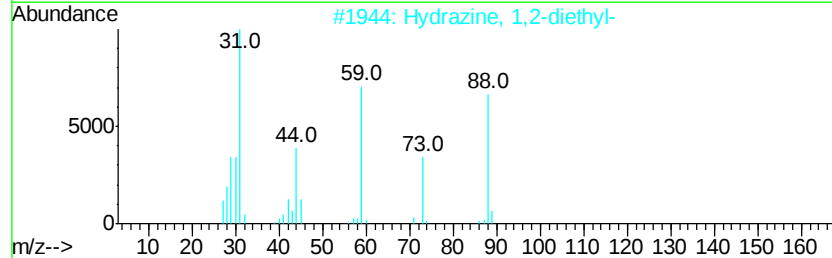
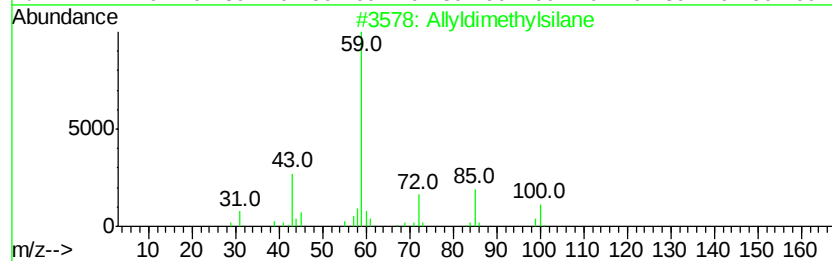
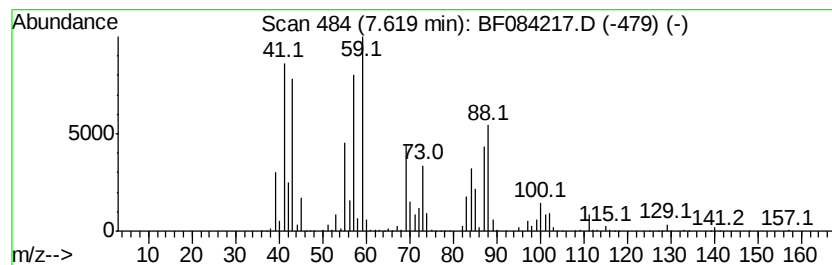
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown7.62 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	41.90 ng	7836940	Napthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Allvldimethylsilane	100	C5H12Si	003937-30-2	38
2		Hydrazine, 1,2-diethyl-	88	C4H12N2	001615-80-1	38
3		Acetic acid, ethoxv-, ethvl ester	132	C6H12O3	000817-95-8	38
4		Hydrazine, 2-ethyl-1,1-dimethyl-	88	C4H12N2	029559-82-8	38
5		2,2-Dimethylbutanedioic acid	146	C6H10O4	000597-43-3	37



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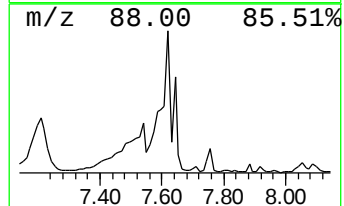
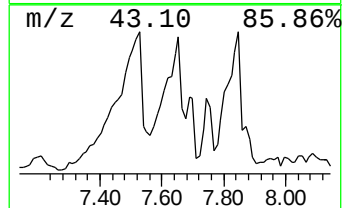
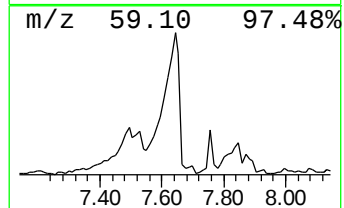
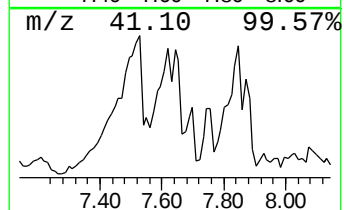
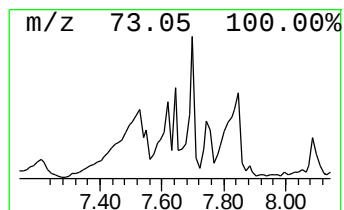
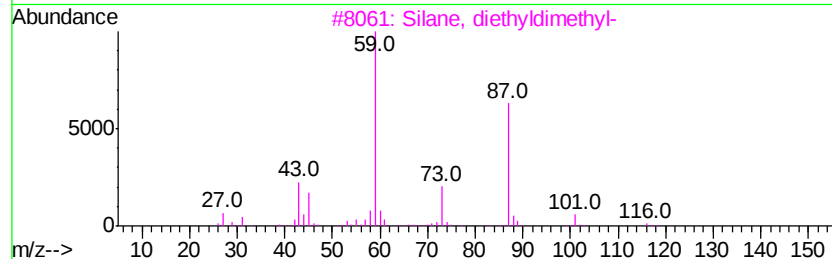
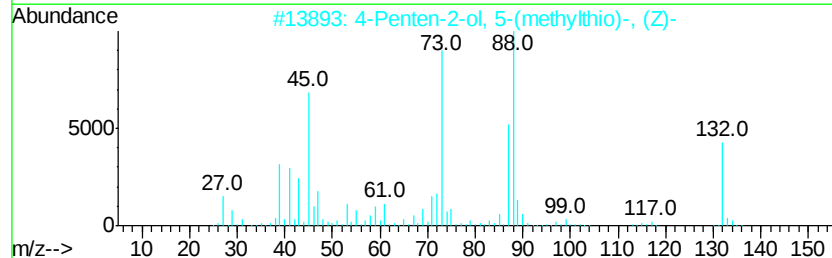
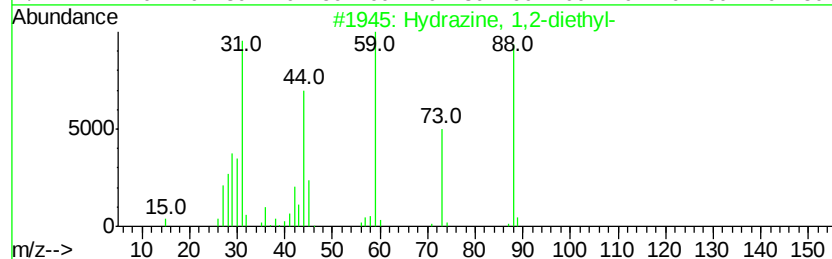
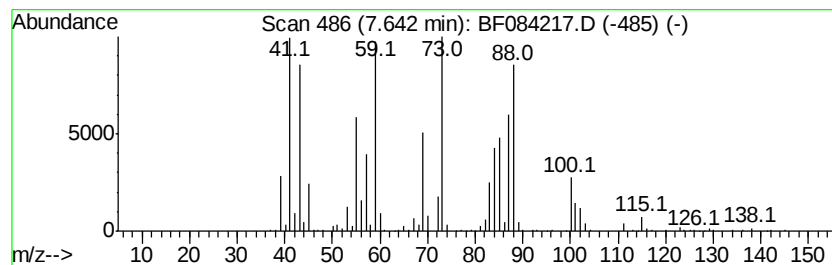
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown7.64 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	23.78 ng	4448230	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hydrazine, 1,2-diethyl-	88	C4H12N2	001615-80-1	38
2		4-Penten-2-ol, 5-(methylthio)-, ...	132	C6H12OS	097369-79-4	27
3		Silane, diethyl-dimethyl-	116	C6H16Si	000756-81-0	22
4		Propanamide, 2-methoxy-N-methyl-	117	C5H11NO2	1000196-12-6	22
5		Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123115\
Data File : BF084217.D
Acq On : 1 Jan 2016 1:35
Operator : UM/SJ
Sample : G4982-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0535

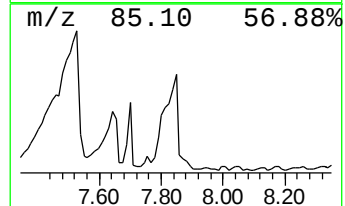
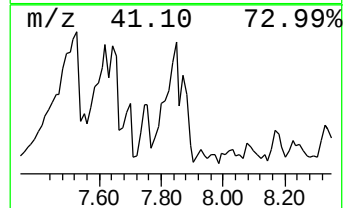
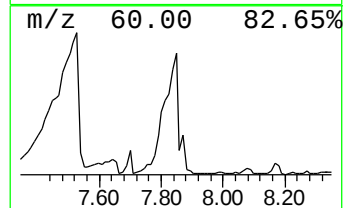
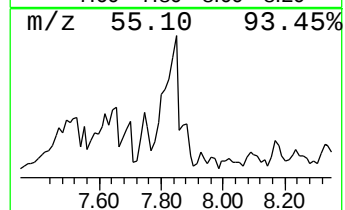
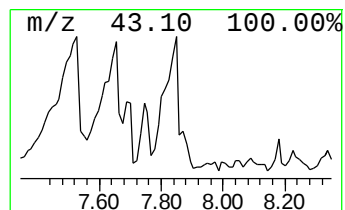
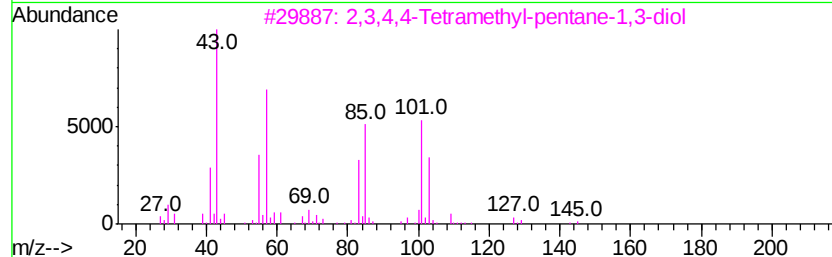
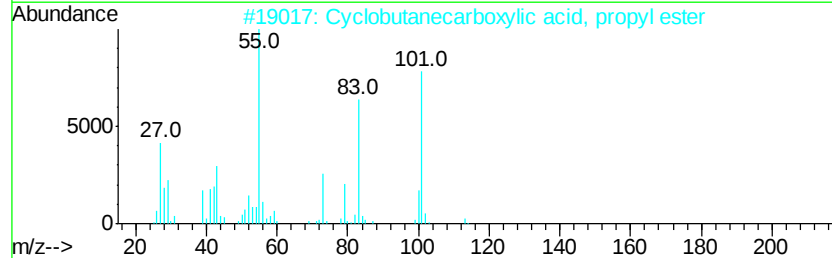
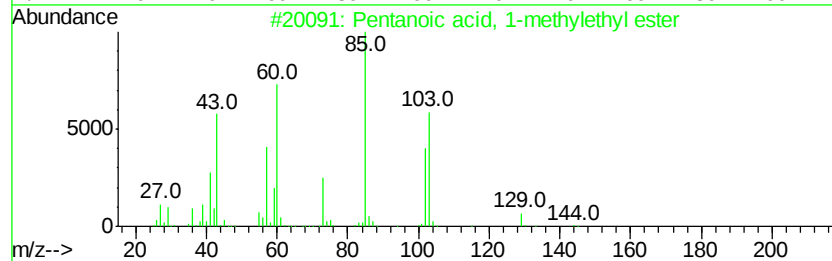
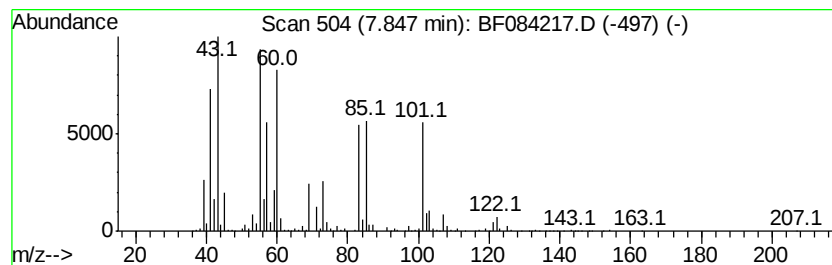
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown7.85 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	49.38 ng	9235610	Napthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanoic acid, 1-methylethyl ester	144	C8H16O2	018362-97-5	47
2		Cyclobutanecarboxylic acid, prop...	142	C8H14O2	1000280-40-0	27
3		2,3,4,4-Tetramethyl-pentane-1,3-...	160	C9H20O2	1000188-09-0	22
4		Butanoic acid, 3-methyl-, 1-meth...	144	C8H16O2	032665-23-9	16
5		.beta.-D-Ribopyranoside, methyl	164	C6H12O5	017289-61-1	12



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123115\
Data File : BF084217.D
Acq On : 1 Jan 2016 1:35
Operator : UM/SJ
Sample : G4982-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

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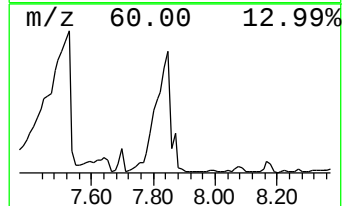
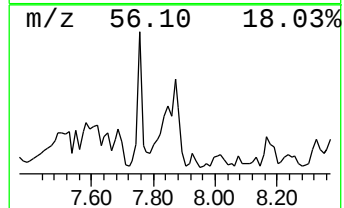
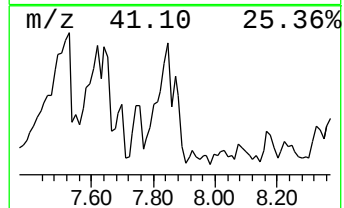
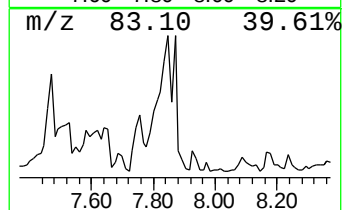
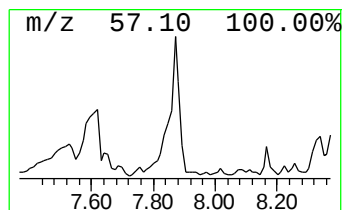
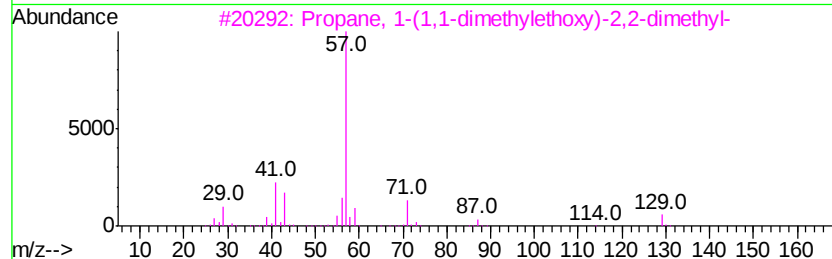
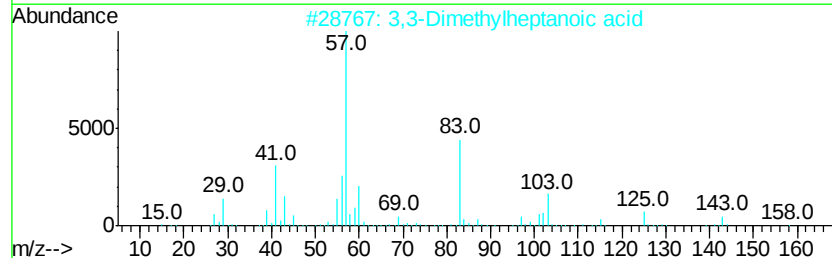
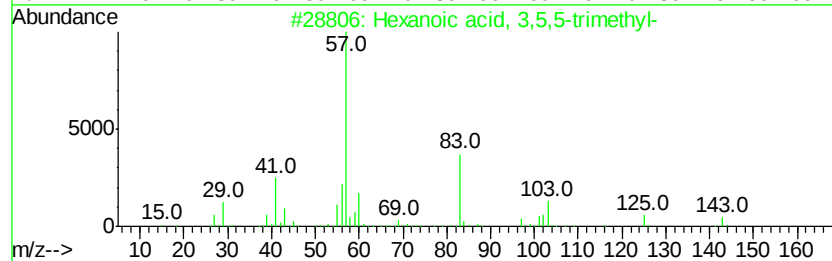
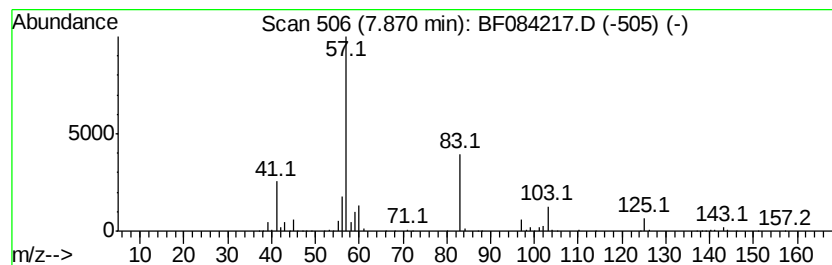
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexanoic acid, 3,5,5-trimet... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	15.26 ng	2854700	Napthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	74
2		3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	45
3		Propane, 1-(1,1-dimethylethoxy)-...	144	C9H20O	032970-46-0	12
4		Ethanol, 2-(1,1-dimethylethoxy)-	118	C6H14O2	007580-85-0	10
5		Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	10



Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084217.D
Acq On : 1 Jan 2016 1:35
Operator : UM/SJ
Sample : G4982-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

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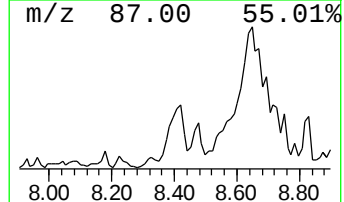
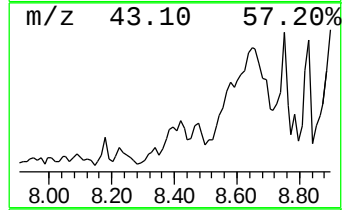
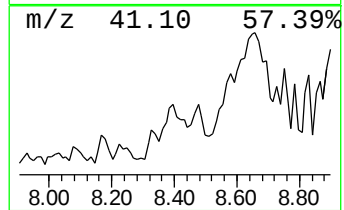
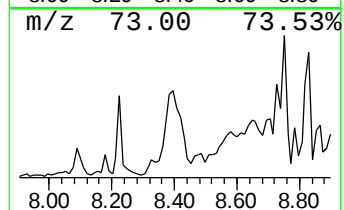
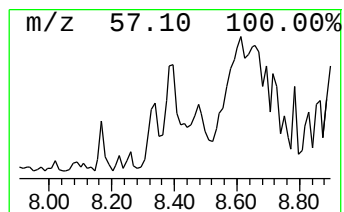
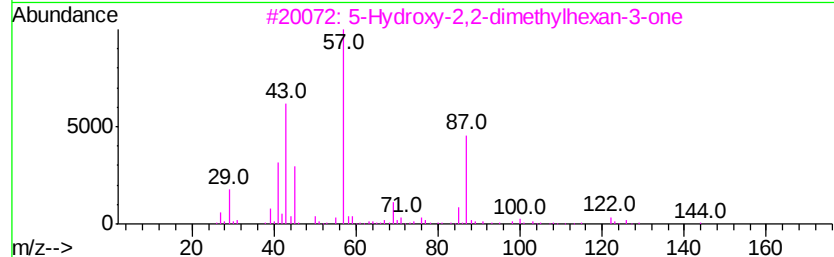
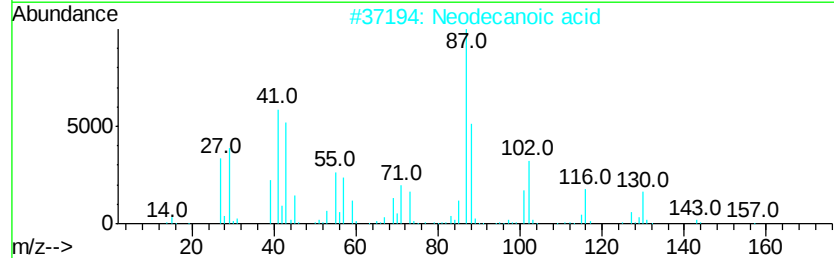
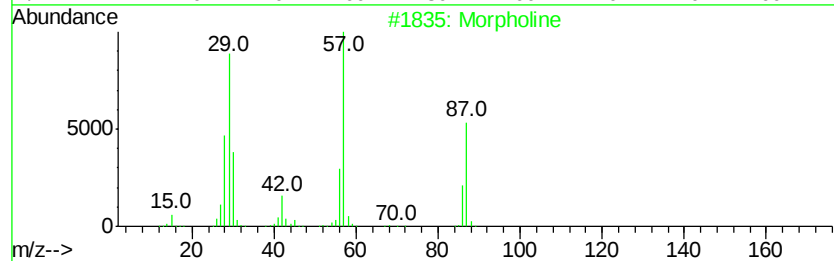
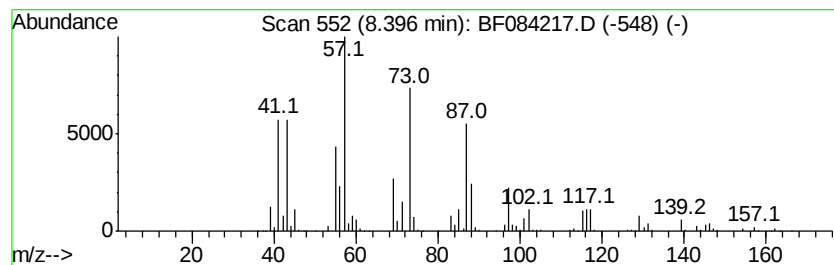
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown8.40 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	21.99 ng	4112620	Napthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Morpholine	87	C4H9NO	000110-91-8	38
2		Neodecanoic acid	172	C10H20O2	026896-20-8	35
3		5-Hydroxy-2,2-dimethylhexan-3-one	144	C8H16O2	173343-33-4	27
4		Propanoic acid, 2,2-dimethyl-, m...	116	C6H12O2	000598-98-1	25
5		Octanoic acid, 4-methyl-, methyl...	172	C10H20O2	015870-07-2	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123115\
Data File : BF084217.D
Acq On : 1 Jan 2016 1:35
Operator : UM/SJ
Sample : G4982-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

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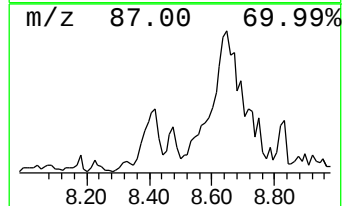
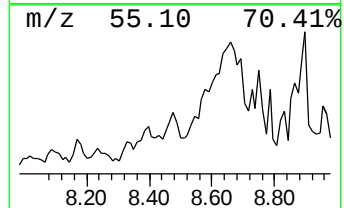
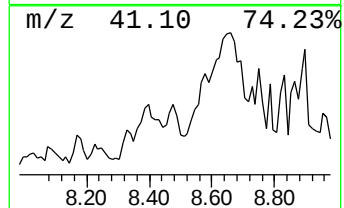
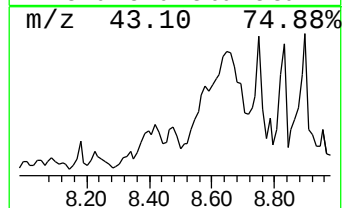
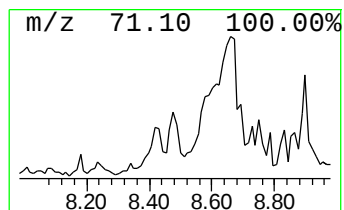
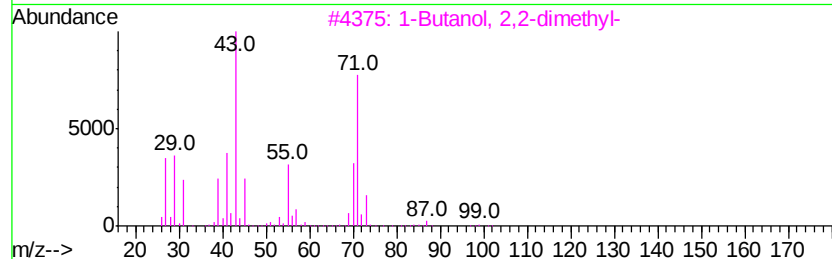
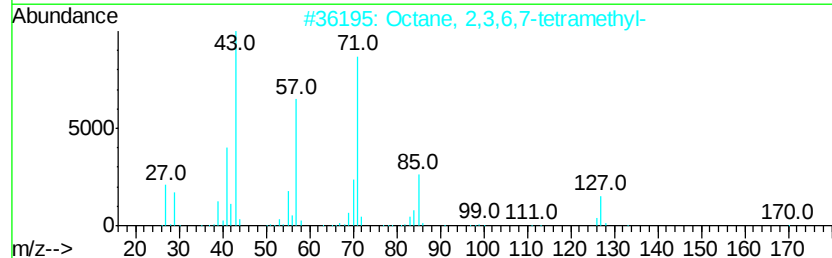
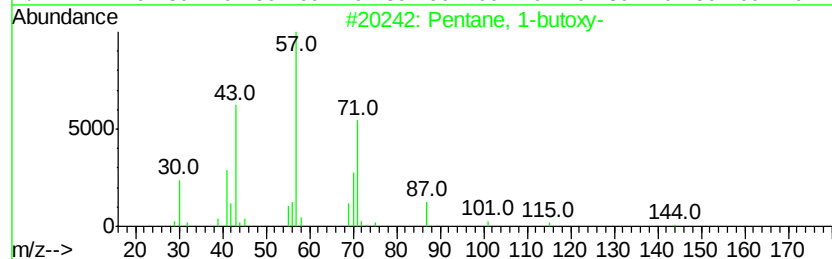
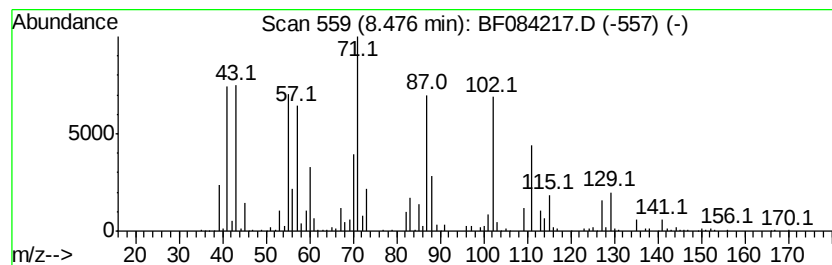
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown8.48 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	20.83 ng	3895760	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 1-butoxy-	144	C9H20O	018636-66-3	27
2		Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	27
3		1-Butanol, 2,2-dimethyl-	102	C6H14O	001185-33-7	27
4		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	27
5		Decane, 3,3,6-trimethyl-	184	C13H28	062338-14-1	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123115\
Data File : BF084217.D
Acq On : 1 Jan 2016 1:35
Operator : UM/SJ
Sample : G4982-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0535

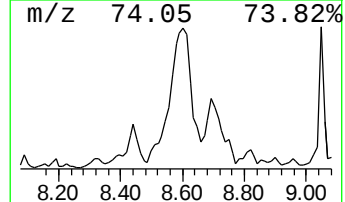
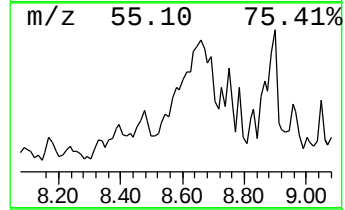
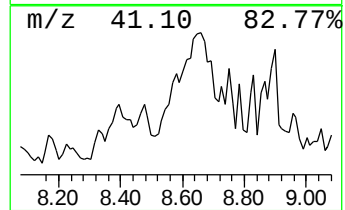
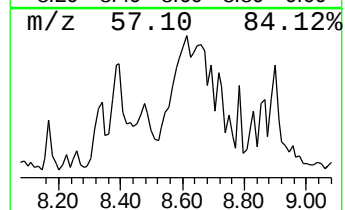
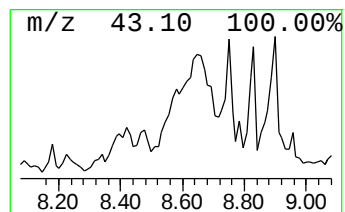
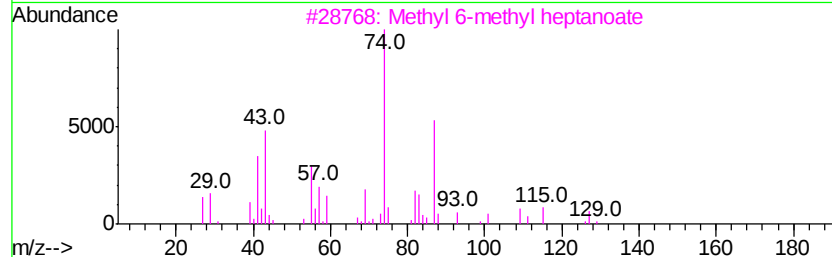
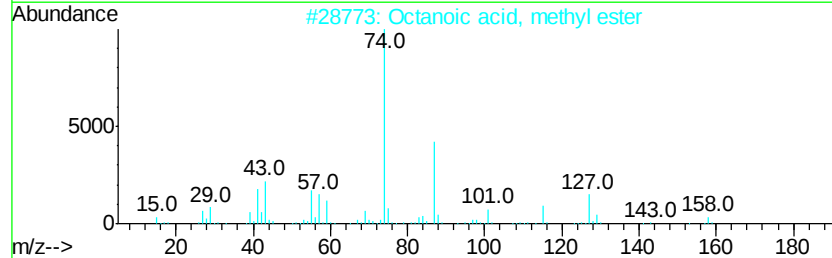
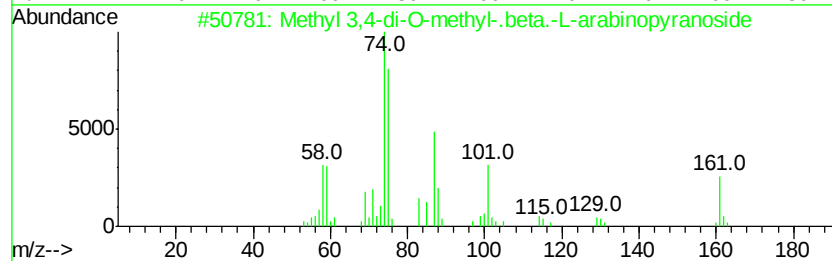
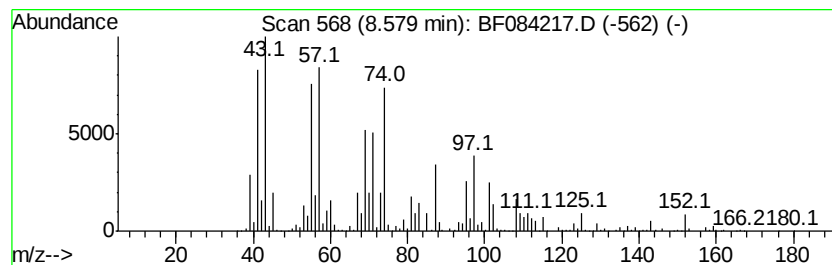
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown8.58 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	48.51 ng	9074380	Napthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl 3,4-di-O-methyl-.beta.-L-...	192	C8H16O5	002296-48-2	35
2		Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	27
3		Methyl 6-methyl heptanoate	158	C9H18O2	002519-37-1	27
4		Heptanoic acid, 3,5-dimethyl-, m...	172	C10H20O2	002490-54-2	27
5		Hexanoic acid, methyl ester	130	C7H14O2	000106-70-7	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123115\
Data File : BF084217.D
Acq On : 1 Jan 2016 1:35
Operator : UM/SJ
Sample : G4982-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

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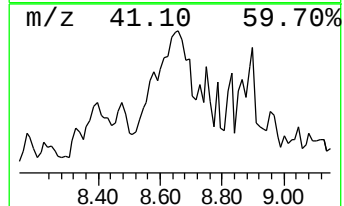
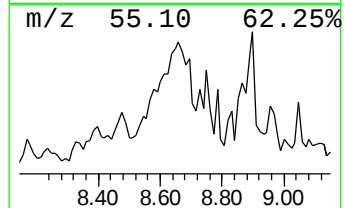
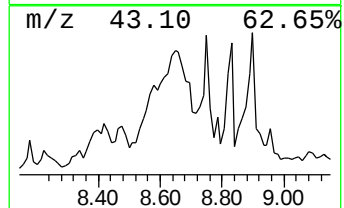
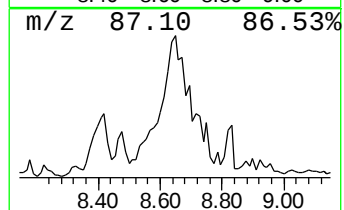
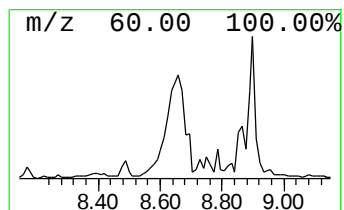
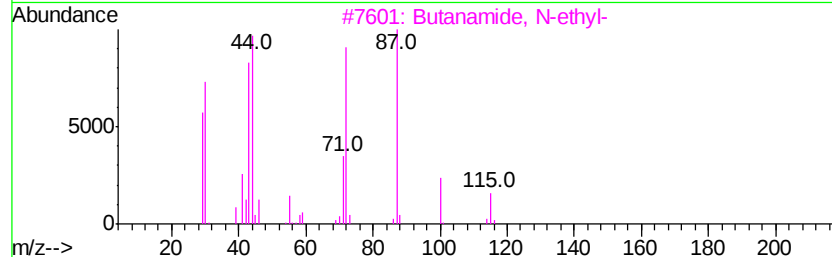
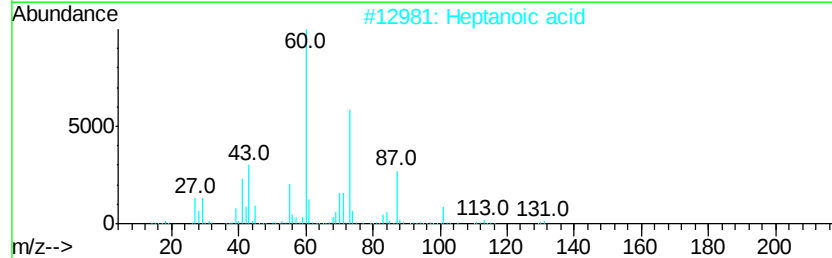
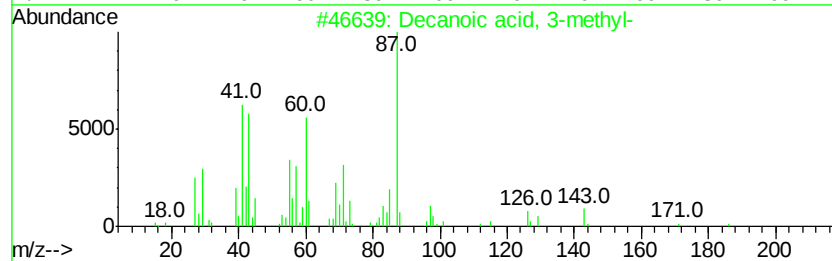
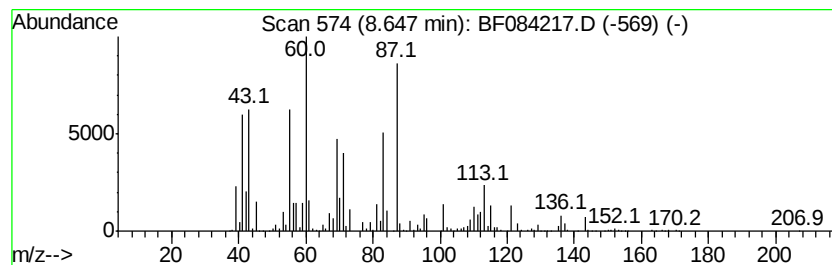
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown8.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	131.87 ng	24666300	Napthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decanoic acid, 3-methyl-	186	C11H22O2	060308-82-9	43
2		Heptanoic acid	130	C7H14O2	000111-14-8	35
3		Butanamide, N-ethyl-	115	C6H13NO	013091-16-2	14
4		Thiophane, propyl-	130	C7H14S	001551-34-4	14
5		Cyclopropanecarboxylic acid, und...	240	C15H28O2	103677-78-7	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123115\
Data File : BF084217.D
Acq On : 1 Jan 2016 1:35
Operator : UM/SJ
Sample : G4982-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S8-0535

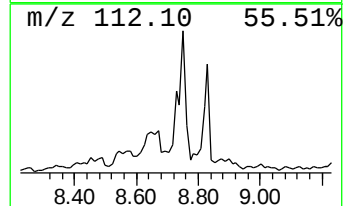
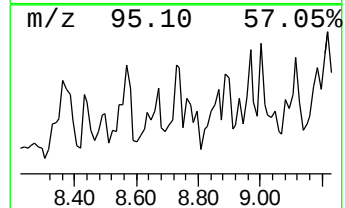
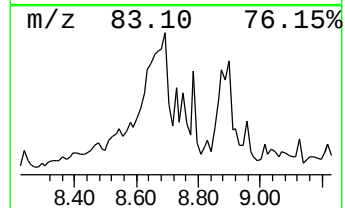
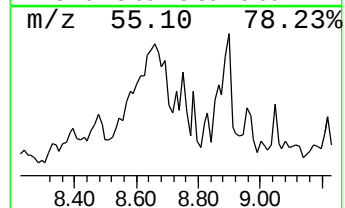
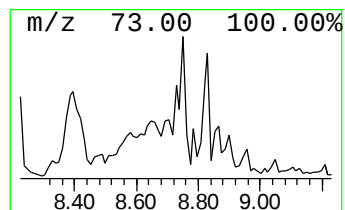
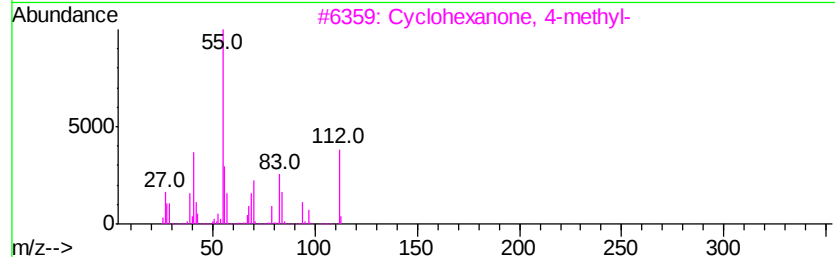
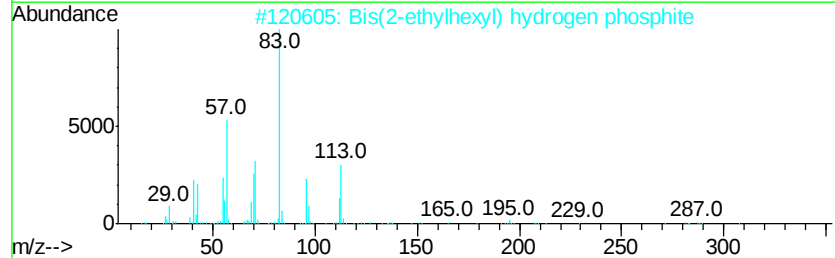
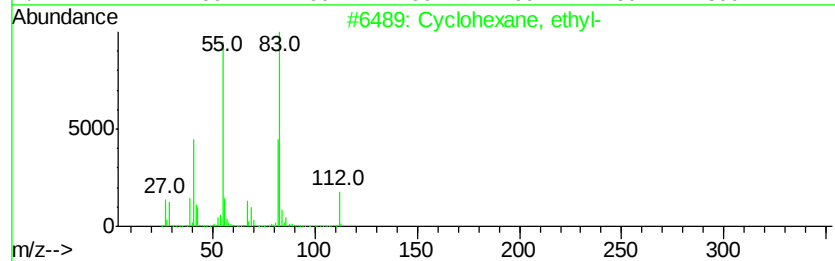
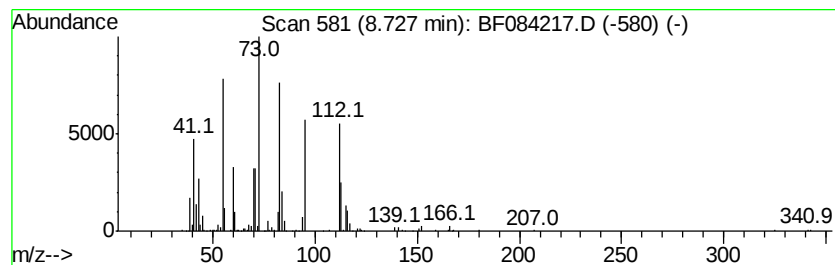
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown8.73 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	14.64 ng	2738160	Napthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	27
2		Bis(2-ethylhexyl) hydrogen phosph...	306	C16H35O3P	003658-48-8	23
3		Cyclohexanone, 4-methyl-	112	C7H12O	000589-92-4	22
4		7-Oxabicyclo[4.1.0]heptane, 1-me...	112	C7H12O	001713-33-3	17
5		(S)-(+)-5-Methyl-1-heptanol	130	C8H18O	057803-73-3	17



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123115\
Data File : BF084217.D
Acq On : 1 Jan 2016 1:35
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Sample : G4982-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
S8-0535

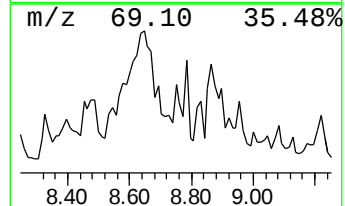
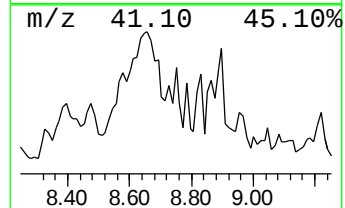
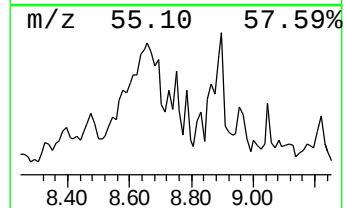
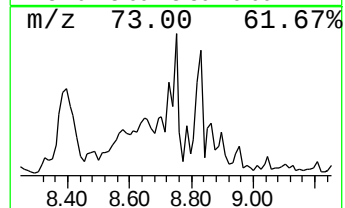
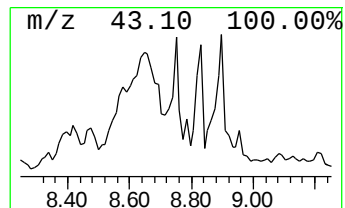
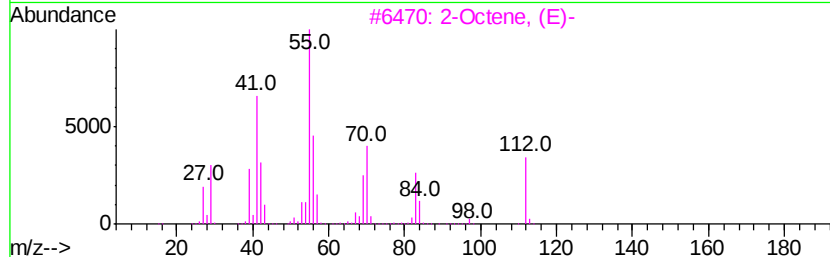
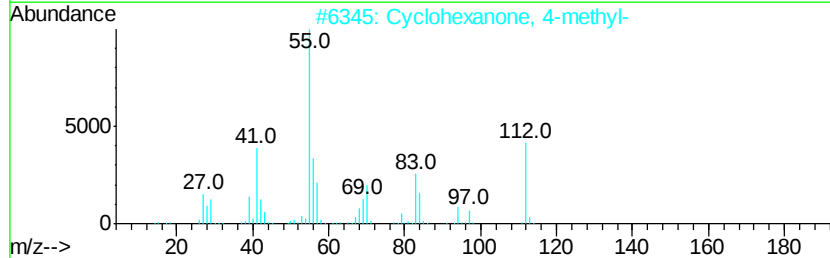
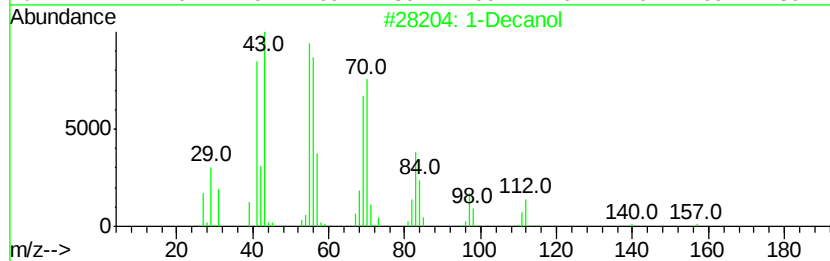
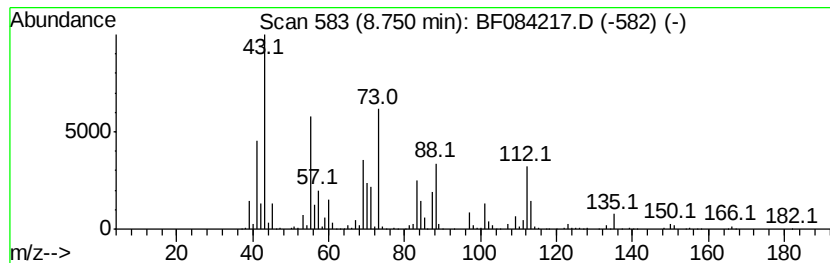
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown8.75 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	20.98 ng	3923970	Napthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Decanol	158	C10H22O	000112-30-1	35
2		Cyclohexanone, 4-methyl-	112	C7H12O	000589-92-4	35
3		2-Octene, (E)-	112	C8H16	013389-42-9	35
4		4-Acetylbutyric acid	130	C6H10O3	003128-06-1	25
5		4-Octene, (E)-	112	C8H16	014850-23-8	16



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123115\
Data File : BF084217.D
Acq On : 1 Jan 2016 1:35
Operator : UM/SJ
Sample : G4982-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S8-0535

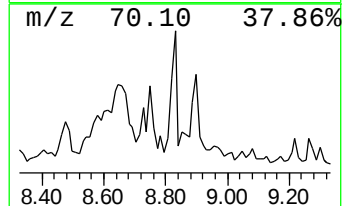
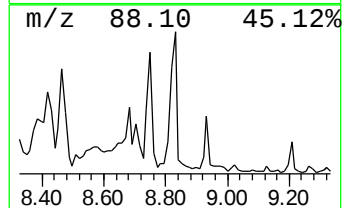
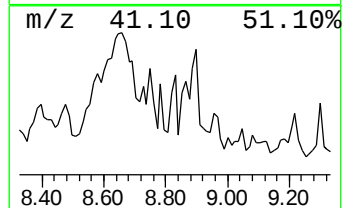
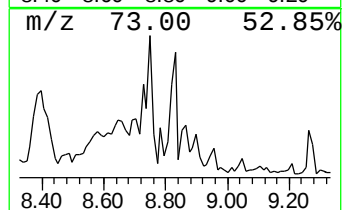
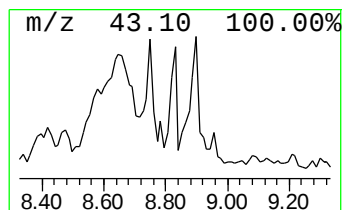
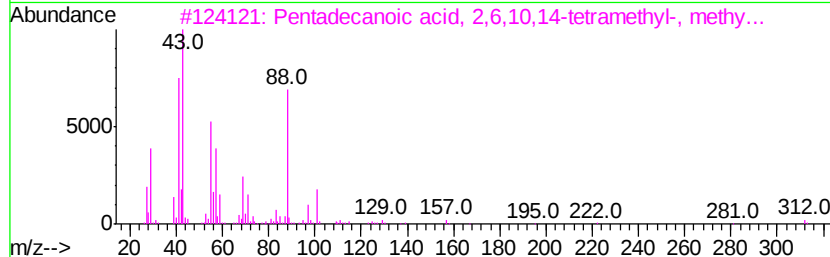
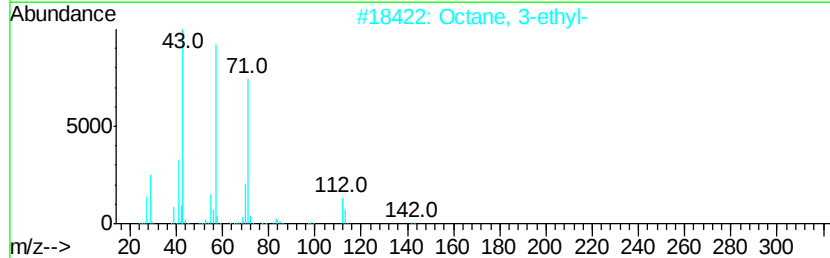
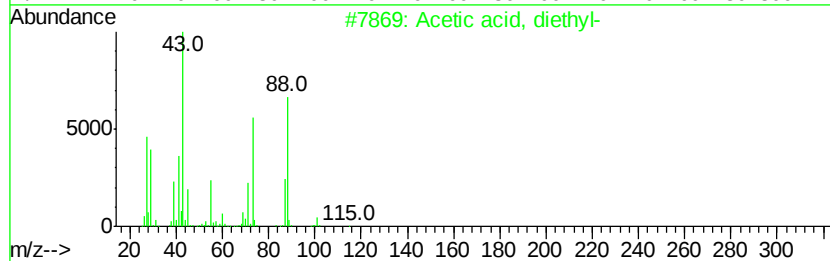
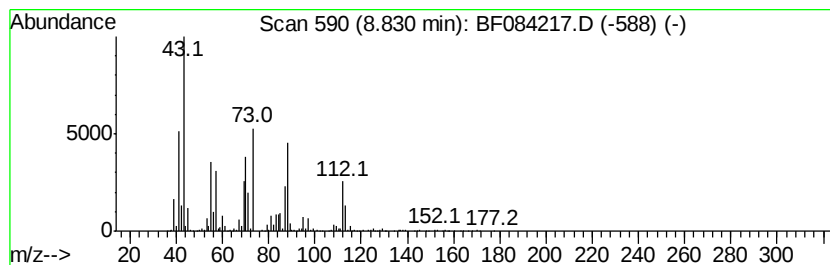
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown8.83 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	18.50 ng	3460690	Napthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	43
2		Octane, 3-ethyl-	142	C10H22	005881-17-4	22
3		Pentadecanoic acid, 2,6,10,14-te...	312	C20H40O2	001001-80-5	22
4		Urea, ethyl-	88	C3H8N2O	000625-52-5	14
5		Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123115\
Data File : BF084217.D
Acq On : 1 Jan 2016 1:35
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Sample : G4982-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

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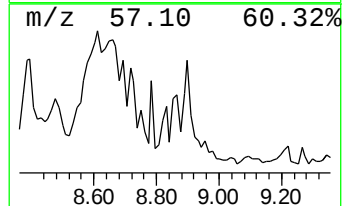
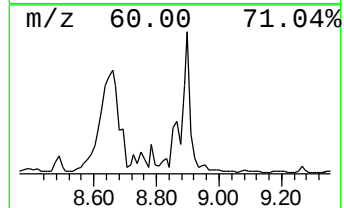
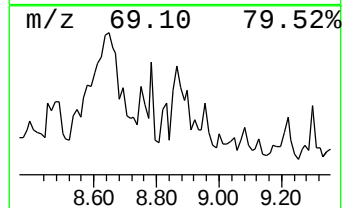
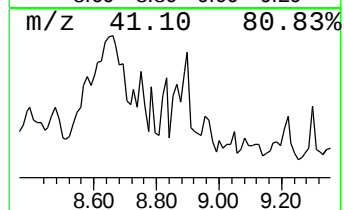
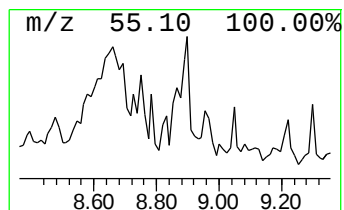
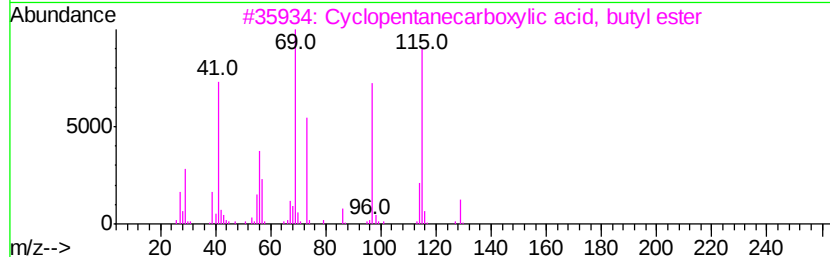
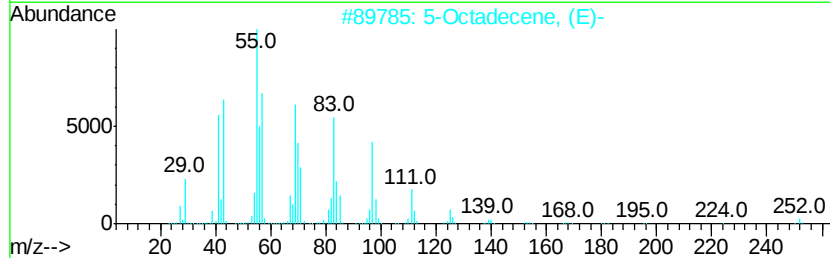
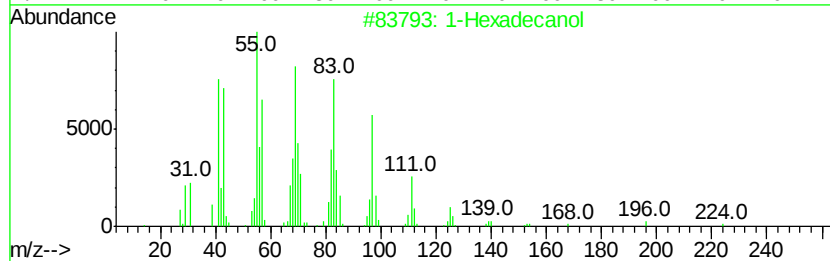
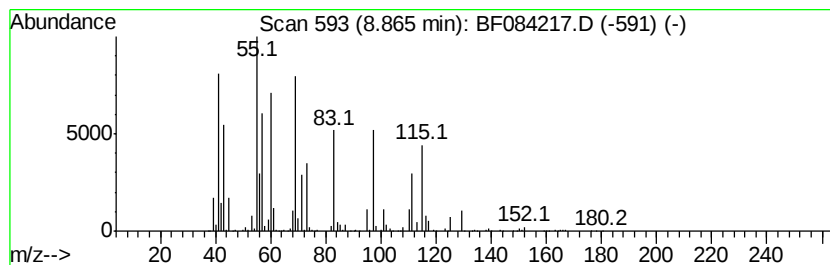
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown8.86 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	22.51 ng	4210770	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexadecanol	242	C16H34O	036653-82-4	43
2		5-Octadecene, (E)-	252	C18H36	007206-21-5	43
3		Cyclopentanecarboxylic acid, but...	170	C10H18O2	099978-03-7	38
4		Silane, [(11-fluoroundecyl)oxylt...	262	C14H31FOSi	026305-81-7	32
5		Methyl 2-hydroxydodecanoate	230	C13H26O3	051067-85-7	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123115\
Data File : BF084217.D
Acq On : 1 Jan 2016 1:35
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Sample : G4982-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

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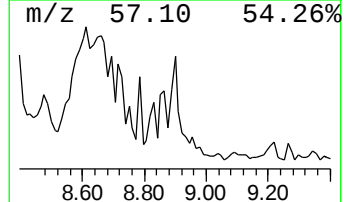
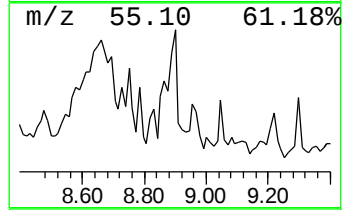
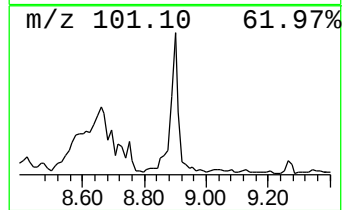
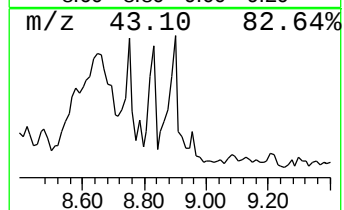
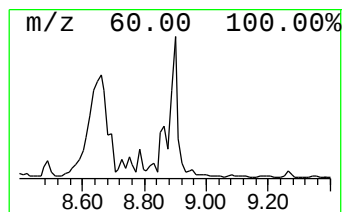
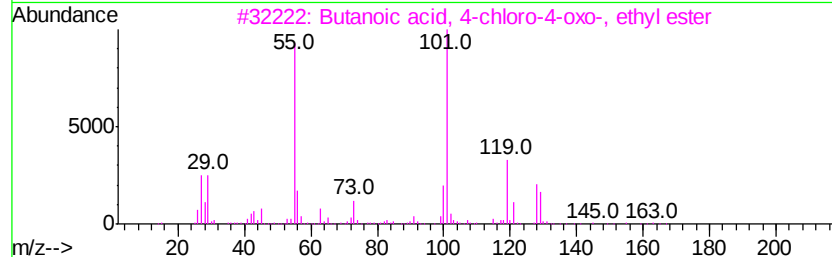
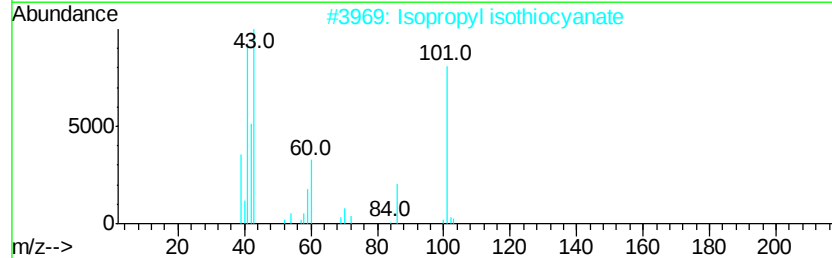
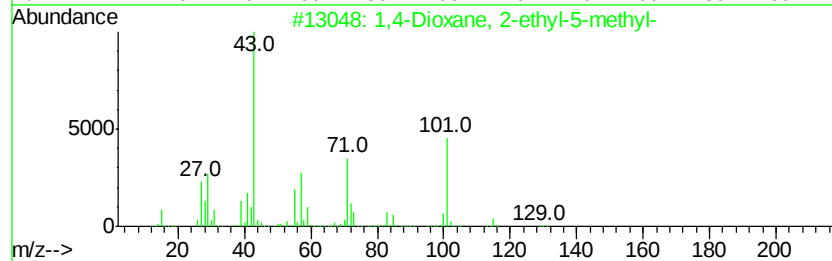
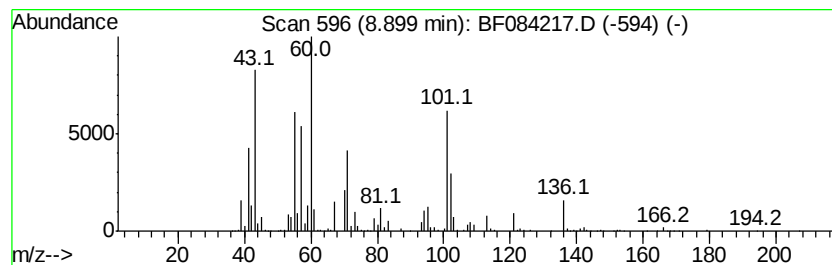
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown8.90 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	34.88 ng	6524820	Napthalene-d8	8.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dioxane, 2-ethyl-5-methyl-	130	C7H14O2	053907-91-8	22
2			Isopropyl isothiocyanate	101	C4H7NS	002253-73-8	16
3			Butanoic acid, 4-chloro-4-oxo-, ...	164	C6H9ClO3	014794-31-1	10
4			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	10
5			Ethanedioic acid, bis(3-methylbu...	230	C12H22O4	002051-00-5	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123115\
Data File : BF084217.D
Acq On : 1 Jan 2016 1:35
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ClientSampleId :
S8-0535

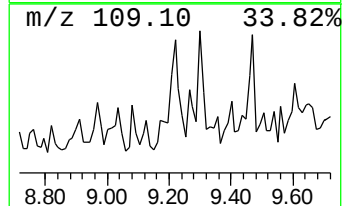
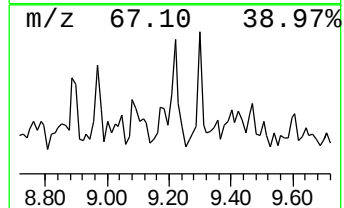
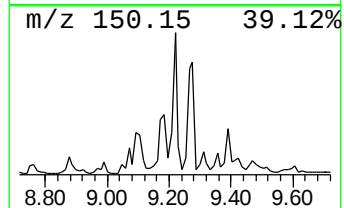
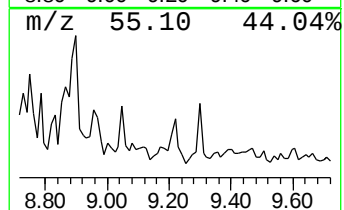
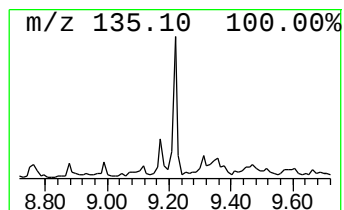
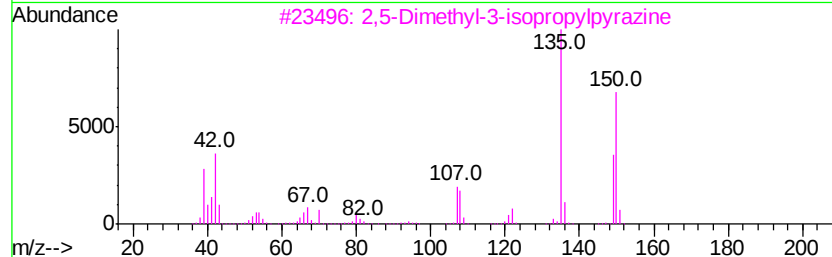
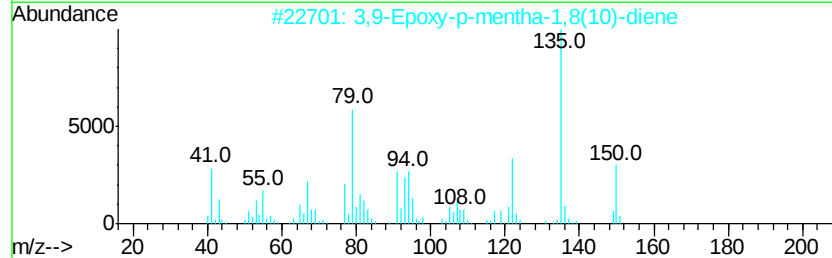
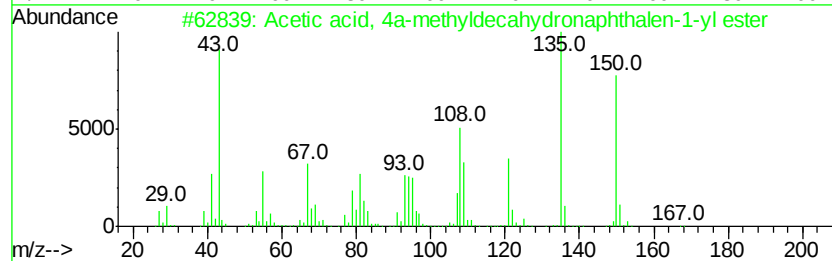
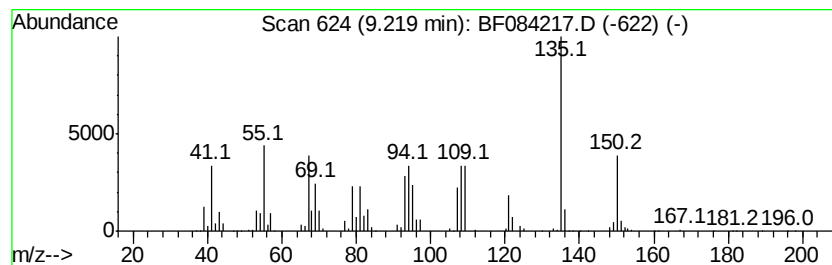
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Acetic acid, 4a-methyldecah... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	22.07 ng	3275120	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid, 4a-methyldecahydron...	210	C13H22O2	1000191-50-9	59
2		3,9-Epoxy-p-mentha-1,8(10)-diene	150	C10H14O	1000111-14-8	58
3		2,5-Dimethyl-3-isopropylpyrazine	150	C9H14N2	013610-20-3	49
4		2-Methyladamantane	150	C11H18	000700-56-1	49
5		Cyclohexene, 2-ethenyl-1,3,3-tri...	150	C11H18	005293-90-3	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084217.D
Acq On : 1 Jan 2016 1:35
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ClientSampleId :
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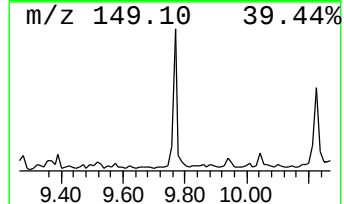
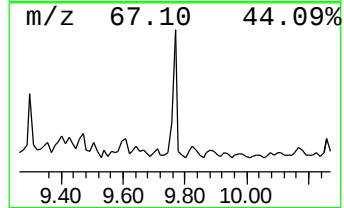
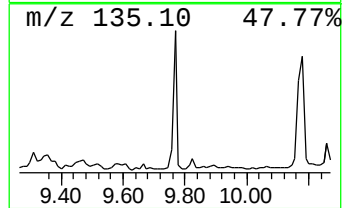
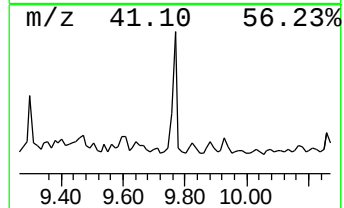
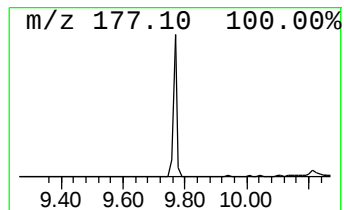
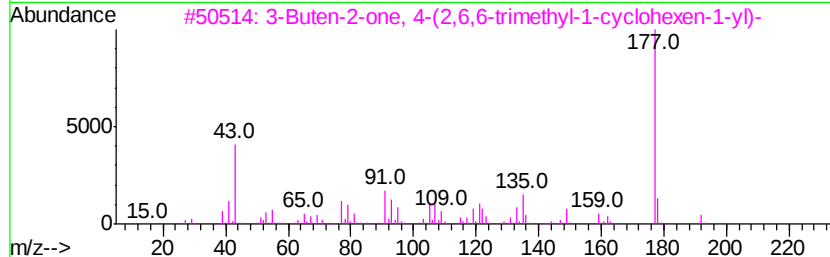
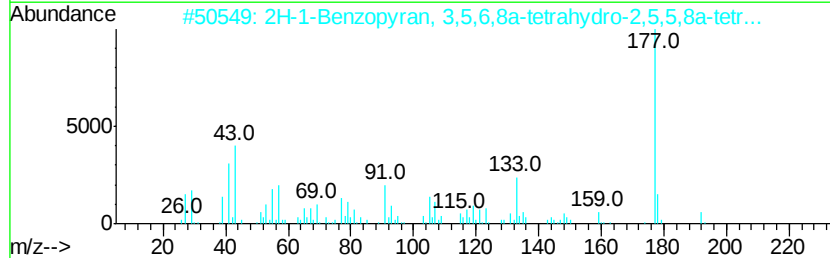
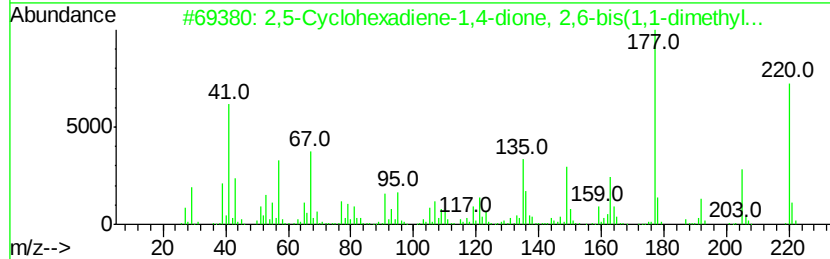
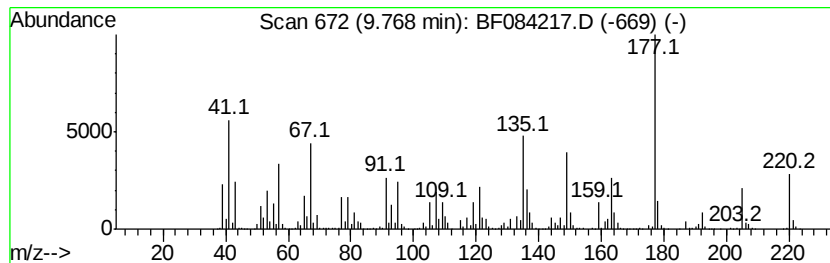
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	32.11 ng	4765820	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	98
2		2H-1-Benzopyran, 3,5,6,8a-tetra...	192	C13H20O	041678-29-9	35
3		3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	014901-07-6	30
4		1,3,5,7-Tetramethyl-adamantane	192	C14H24	001687-36-1	30
5		2-Buten-1-one, 1-(2,6,6-trimethy...	192	C13H20O	035044-68-9	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123115\
 Data File : BF084217.D
 Acq On : 1 Jan 2016 1:35
 Operator : UM/SJ
 Sample : G4982-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0535

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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
unknown6.67	6.67	69.0	ng	7390520	1	6.90	2143310	20.0
Pentanoic acid, 1...	7.53	76.8	ng	8234340	1	6.90	2143310	20.0
unknown7.62	7.62	41.9	ng	7836940	2	8.19	3740910	20.0
unknown7.64	7.64	23.8	ng	4448230	2	8.19	3740910	20.0
unknown7.85	7.85	49.4	ng	9235610	2	8.19	3740910	20.0
Hexanoic acid, 3,...	7.87	15.3	ng	2854700	2	8.19	3740910	20.0
unknown8.40	8.40	22.0	ng	4112620	2	8.19	3740910	20.0
unknown8.48	8.48	20.8	ng	3895760	2	8.19	3740910	20.0
unknown8.58	8.58	48.5	ng	9074380	2	8.19	3740910	20.0
unknown8.65	8.65	131.9	ng	24666300	2	8.19	3740910	20.0
unknown8.73	8.73	14.6	ng	2738160	2	8.19	3740910	20.0
unknown8.75	8.75	21.0	ng	3923970	2	8.19	3740910	20.0
unknown8.83	8.83	18.5	ng	3460690	2	8.19	3740910	20.0
unknown8.86	8.86	22.5	ng	4210770	2	8.19	3740910	20.0
unknown8.90	8.90	34.9	ng	6524820	2	8.19	3740910	20.0
Acetic acid, 4a-m...	9.22	22.1	ng	3275120	3	9.94	2968110	20.0
2,5-Cyclohexadien...	9.77	32.1	ng	4765820	3	9.94	2968110	20.0