

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
 Data File : BF092050.D
 Acq On : 30 Dec 2016 17:27
 Operator : UM/SJ
 Sample : H6318-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

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-BF122116.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	4.819	236	239	244	rBV	678582	837728	10.05%	0.836%
2	5.287	278	280	284	rBV	2202394	2810931	33.73%	2.806%
3	6.339	370	372	378	rBV	1784351	1921252	23.05%	1.918%
4	6.453	380	382	385	rVV	4966249	4731737	56.77%	4.723%
5	6.499	385	386	390	rVB	278697	288222	3.46%	0.288%
6	6.682	400	402	404	rBV	1304523	1396334	16.75%	1.394%
7	6.842	413	416	418	rBV	3535311	4874920	58.49%	4.866%
8	6.899	420	421	423	rBV	85526	141544	1.70%	0.141%
9	6.933	423	424	426	rVB	208097	166297	2.00%	0.166%
10	7.025	429	432	435	rBV2	161874	296849	3.56%	0.296%
11	7.082	435	437	438	rBV2	70895	117805	1.41%	0.118%
12	7.127	438	441	442	rBV	77606	104194	1.25%	0.104%
13	7.150	442	443	444	rBV	173105	150340	1.80%	0.150%
14	7.253	447	452	454	rBV	4668263	5542120	66.50%	5.532%
15	7.333	456	459	461	rBV3	201347	298993	3.59%	0.298%
16	7.367	461	462	464	rBV2	180354	244635	2.94%	0.244%
17	7.459	467	470	471	rBV2	282098	348243	4.18%	0.348%
18	7.482	471	472	476	rVB2	422247	475707	5.71%	0.475%
19	7.642	482	486	489	rVB2	357247	724714	8.70%	0.723%
20	7.710	489	492	494	rBV	908218	1216132	14.59%	1.214%
21	7.790	496	499	502	rBV4	212022	445069	5.34%	0.444%
22	7.848	502	504	505	rBV	128922	216996	2.60%	0.217%
23	7.905	505	509	510	rBV2	326122	480320	5.76%	0.479%
24	7.962	512	514	516	rVV	1788927	2171351	26.05%	2.167%
25	8.019	516	519	520	rVB3	649011	909827	10.92%	0.908%
26	8.099	524	526	527	rBV2	200447	225484	2.71%	0.225%
27	8.179	531	533	534	rBV2	158463	307564	3.69%	0.307%
28	8.236	534	538	541	rVB3	492142	1004753	12.06%	1.003%
29	8.293	541	543	546	rBV2	285105	358206	4.30%	0.358%
30	8.350	546	548	550	rBV2	406002	520712	6.25%	0.520%
31	8.408	550	553	555	rBV3	502039	1185116	14.22%	1.183%
32	8.442	555	556	560	rVB3	362646	800365	9.60%	0.799%
33	8.556	565	566	568	rVB2	178529	213338	2.56%	0.213%
34	8.590	568	569	571	rBV2	527459	977264	11.73%	0.975%

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Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

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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-BF122116.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.670	574	576	578	rBV2	406896	749656	8.99%	0.748%
36	8.716	578	580	582	rVV	304619	549548	6.59%	0.549%
37	8.750	582	583	584	rVV	381495	289473	3.47%	0.289%
38	8.785	584	586	590	rVV2	795353	1460854	17.53%	1.458%
39	8.853	590	592	594	rVV2	327999	473144	5.68%	0.472%
40	8.899	594	596	598	rVB3	261215	368090	4.42%	0.367%
41	8.968	599	602	603	rBV2	1016301	1564393	18.77%	1.561%
42	9.002	603	605	607	rVV2	1624593	2644454	31.73%	2.639%
43	9.048	607	609	613	rVV	5515472	8334302	100.00%	8.318%
44	9.151	615	618	619	rVV2	586280	1055809	12.67%	1.054%
45	9.208	621	623	624	rVV2	1059263	1414151	16.97%	1.411%
46	9.242	624	626	628	rVV2	1131339	1926652	23.12%	1.923%
47	9.288	628	630	634	rVB3	684186	1265476	15.18%	1.263%
48	9.356	634	636	637	rBV2	409971	769955	9.24%	0.768%
49	9.379	637	638	640	rVV	639446	1217372	14.61%	1.215%
50	9.448	643	644	646	rVV2	714415	1180411	14.16%	1.178%
51	9.482	646	647	650	rVV2	912322	1410824	16.93%	1.408%
52	9.528	650	651	654	rVV2	656765	822792	9.87%	0.821%
53	9.585	654	656	659	rVB2	731409	1163406	13.96%	1.161%
54	9.722	664	668	669	rVB	2286596	2838384	34.06%	2.833%
55	9.768	669	672	673	rBV3	329257	707879	8.49%	0.707%
56	9.802	673	675	677	rVB3	411527	510053	6.12%	0.509%
57	9.962	687	689	691	rVB2	407082	607372	7.29%	0.606%
58	10.031	693	695	697	rBV2	385737	696599	8.36%	0.695%
59	10.191	705	709	711	rVB2	1286886	2038871	24.46%	2.035%
60	10.225	711	712	715	rBV3	466896	598272	7.18%	0.597%
61	10.271	715	716	717	rBV	335298	282568	3.39%	0.282%
62	10.454	729	732	734	rVB2	448355	760759	9.13%	0.759%
63	10.511	734	737	740	rVB2	2679238	4216770	50.60%	4.209%
64	10.568	740	742	746	rVB4	648536	1505636	18.07%	1.503%
65	10.648	746	749	751	rBV2	842244	1505481	18.06%	1.503%
66	10.705	751	754	756	rBV	785562	1244728	14.93%	1.242%
67	10.739	756	757	760	rVB2	409546	399935	4.80%	0.399%
68	11.082	785	787	789	rVB	839158	751378	9.02%	0.750%
69	11.116	789	790	792	rVV2	344882	436173	5.23%	0.435%
70	11.208	795	798	799	rVV	1453373	2019383	24.23%	2.016%
71	11.242	799	801	803	rVV3	192735	289932	3.48%	0.289%

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72	11.322	803	808	810	rVB6	593824	1402116	16.82%	1.399%
73	11.562	828	829	831	rVB	280078	233908	2.81%	0.233%
74	11.757	844	846	851	rVB3	951395	1952408	23.43%	1.949%
75	11.997	865	867	868	rBV	243648	227366	2.73%	0.227%
76	12.534	911	914	919	rVB2	1169651	1584806	19.02%	1.582%
77	12.785	934	936	939	rBV	3970272	5116202	61.39%	5.106%
78	13.700	1014	1016	1018	rVB2	81883	119834	1.44%	0.120%
79	13.825	1025	1027	1030	rBV	1117610	1261948	15.14%	1.260%
80	15.208	1145	1148	1150	rBV	1236325	1407828	16.89%	1.405%
81	15.631	1183	1185	1187	rBV	54021	90716	1.09%	0.091%
82	15.688	1187	1190	1193	rVV2	59851	128150	1.54%	0.128%
83	16.591	1266	1269	1275	rVB2	31954	89100	1.07%	0.089%

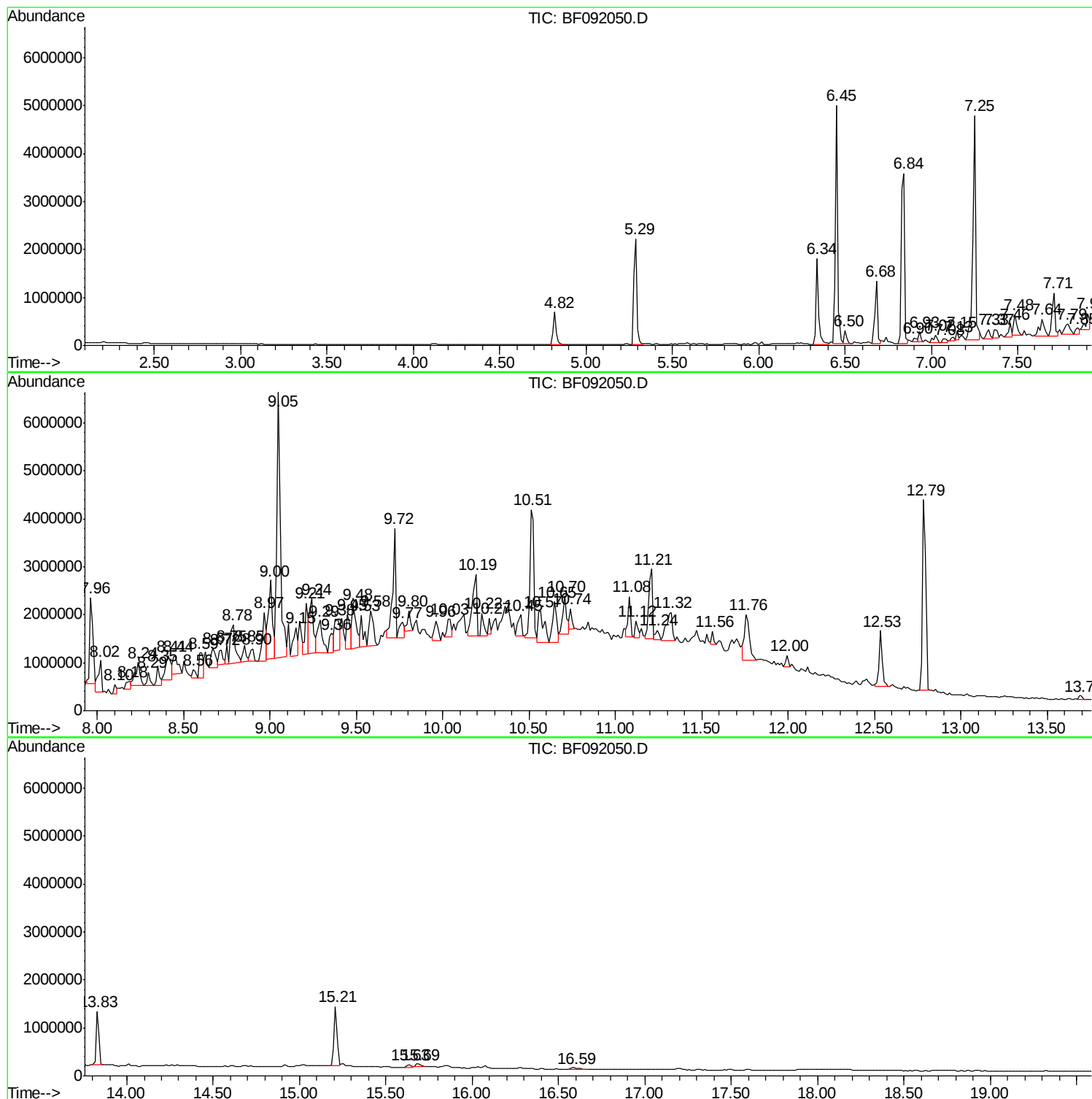
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Instrument :
BNA_F
ClientSampled :
MW-16

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123016\
Data File : BF092050.D
Acq On : 30 Dec 2016 17:27
Operator : UM/SJ
Sample : H6318-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

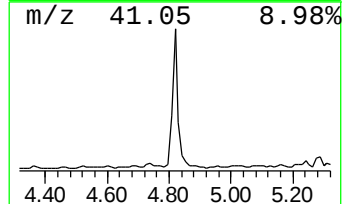
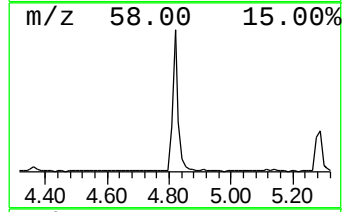
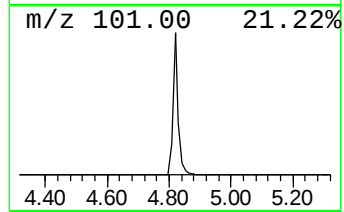
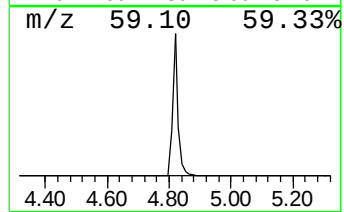
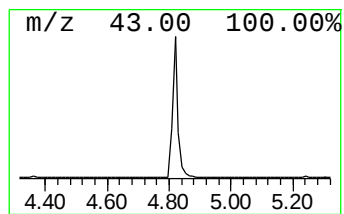
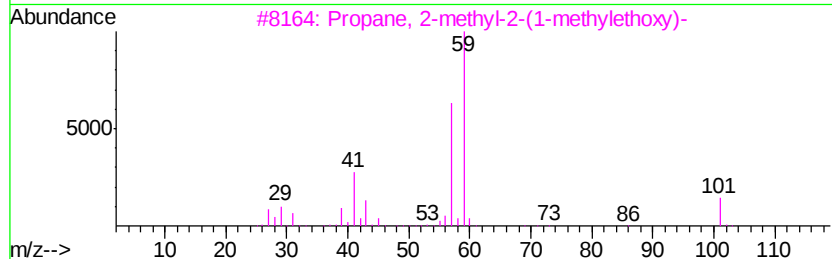
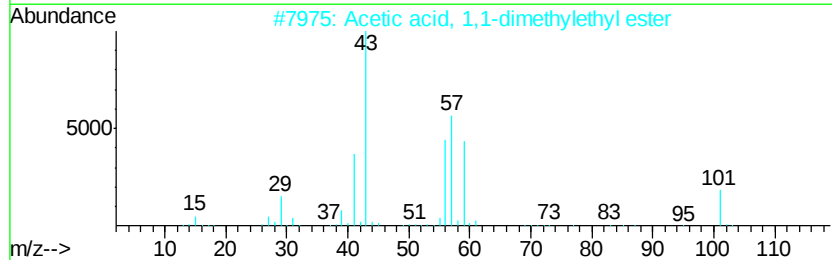
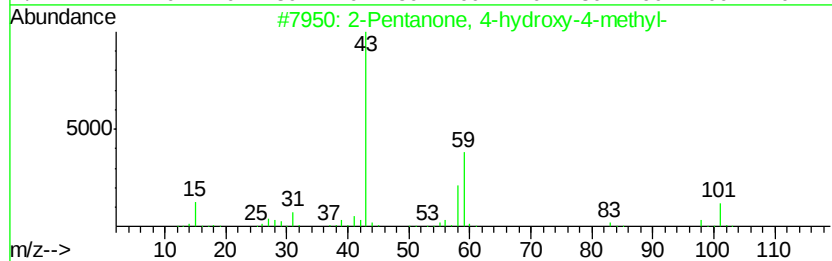
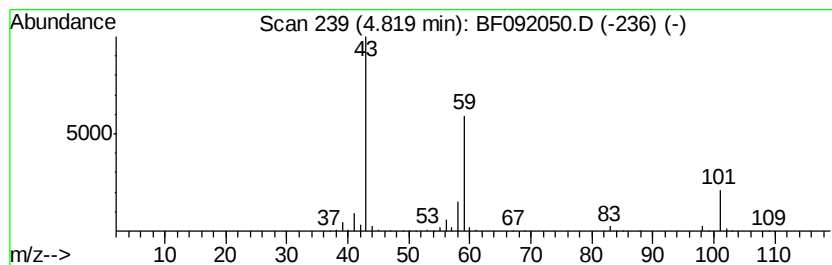
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	12.00 ng	837728	1,4-Dichlorobenzene-d4	6.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2			Acetic acid, 1,1-dimethylethyl ester	116	C6H12O2	000540-88-5	39
3			Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	36
4			Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	23
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17



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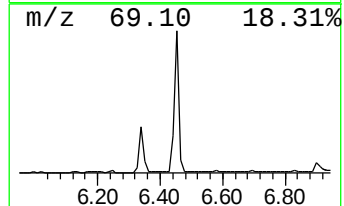
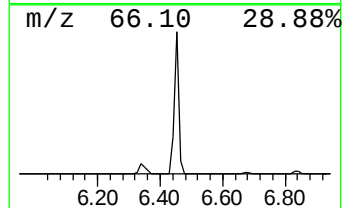
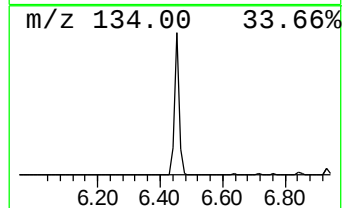
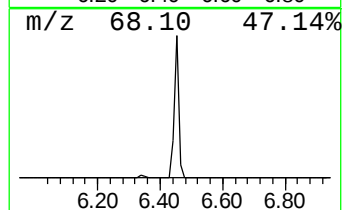
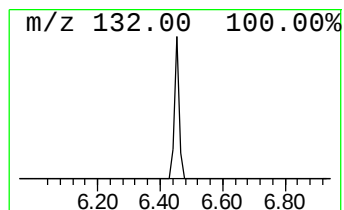
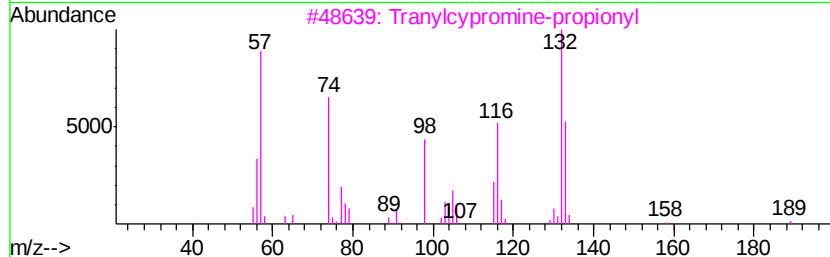
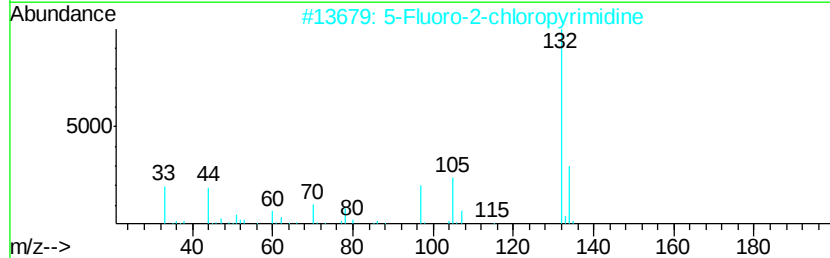
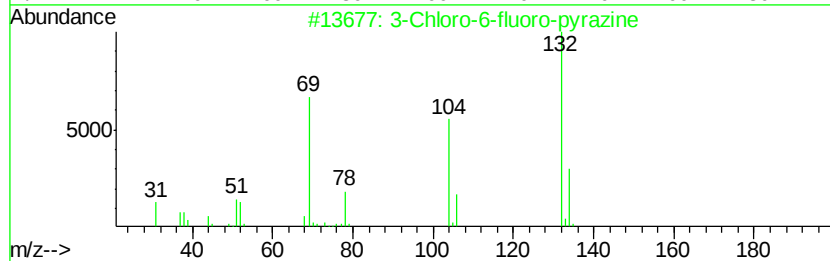
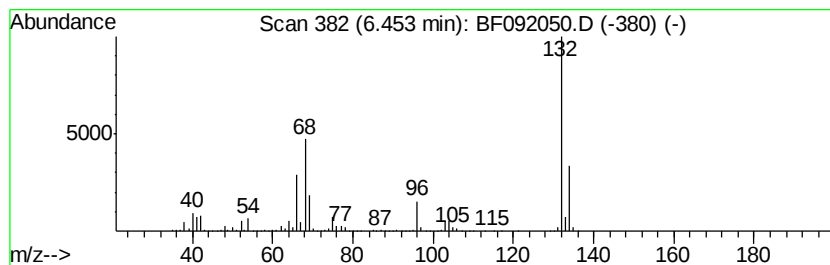
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.45 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	67.77 ng	4731740	1,4-Dichlorobenzene-d4	6.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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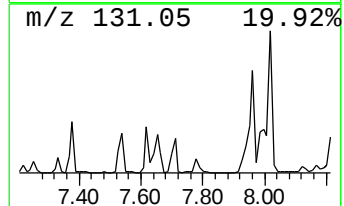
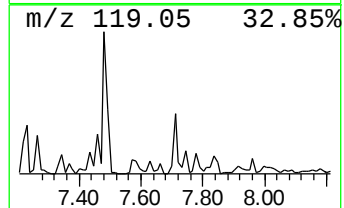
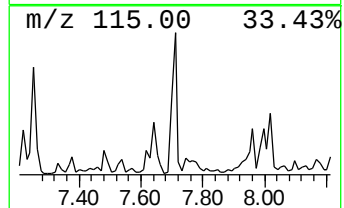
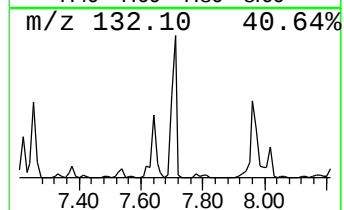
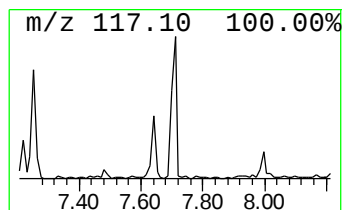
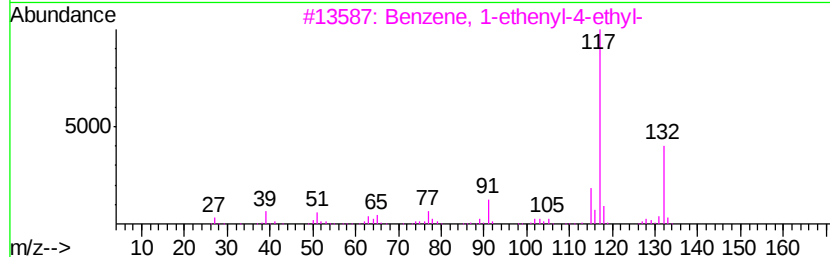
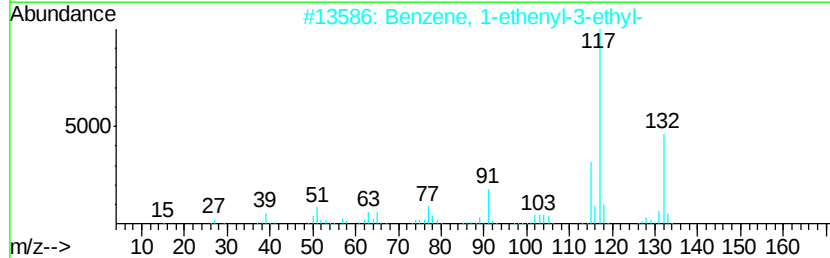
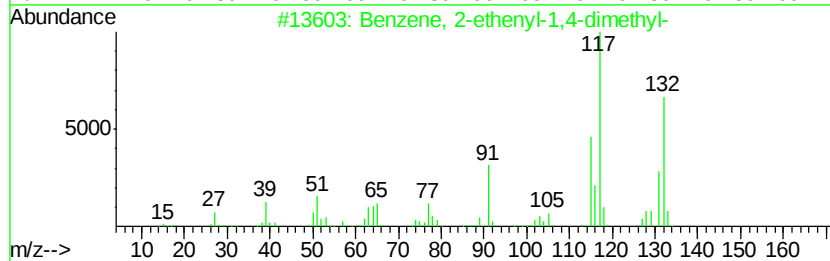
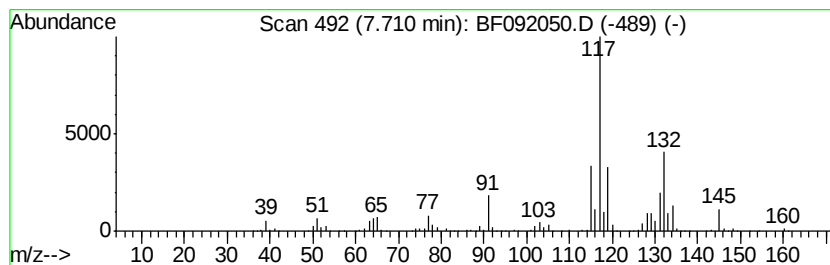
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	11.20 ng	1216130	Naphthalene-d8	7.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	64
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	64
4		Indan, 1-methyl-	132	C10H12	000767-58-8	60
5		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	58



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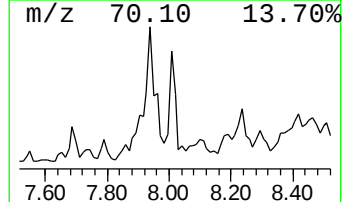
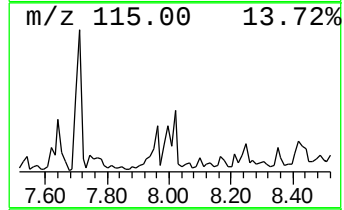
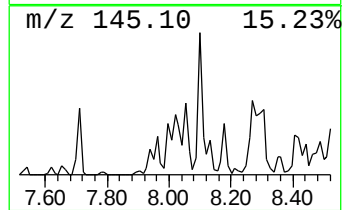
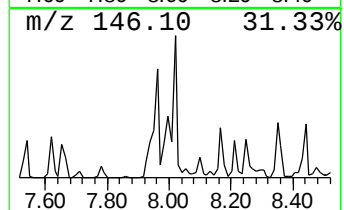
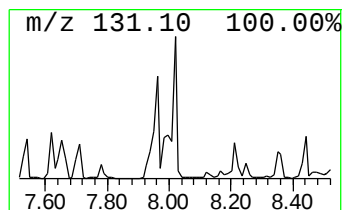
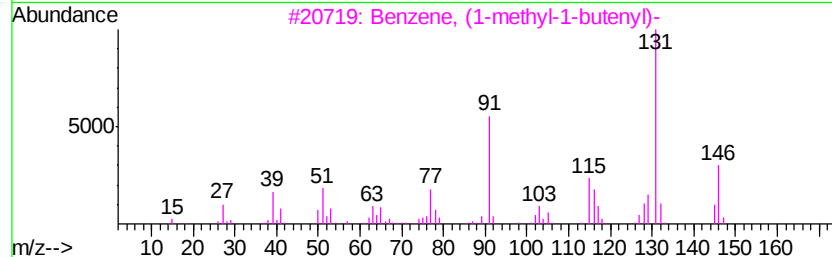
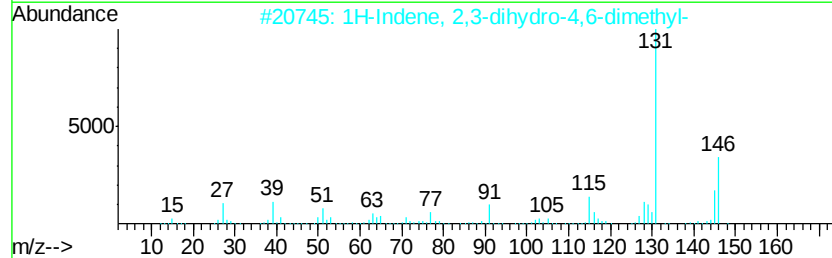
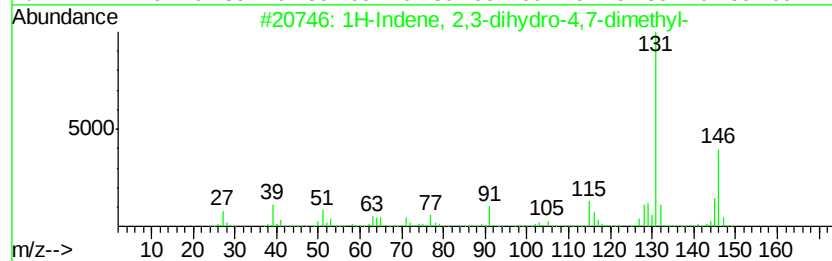
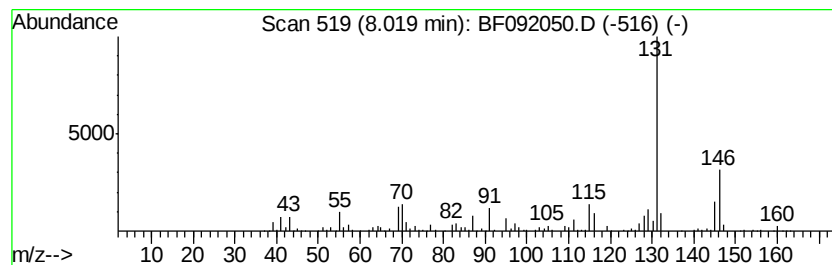
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	8.38 ng	909827	Naphthalene-d8	7.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2		1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93
3		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	91
4		1H-Indene, 2,3-dihydro-2,2-dimethyl-	146	C11H14	020836-11-7	91
5		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123016\
Data File : BF092050.D
Acq On : 30 Dec 2016 17:27
Operator : UM/SJ
Sample : H6318-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleID :
MW-16

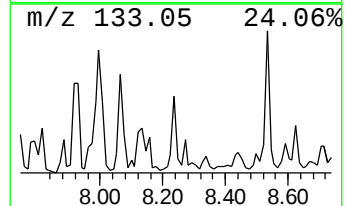
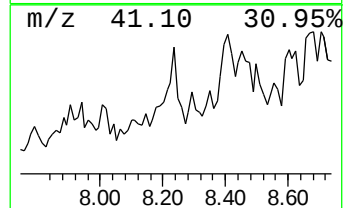
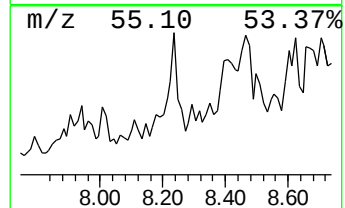
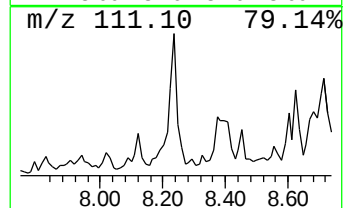
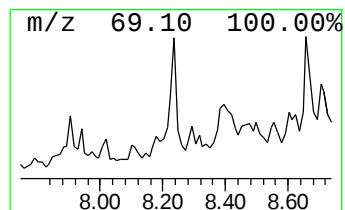
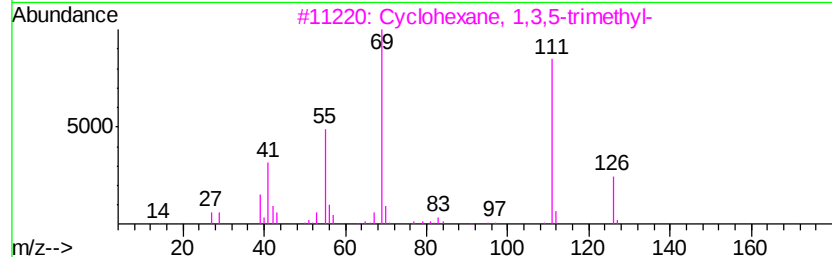
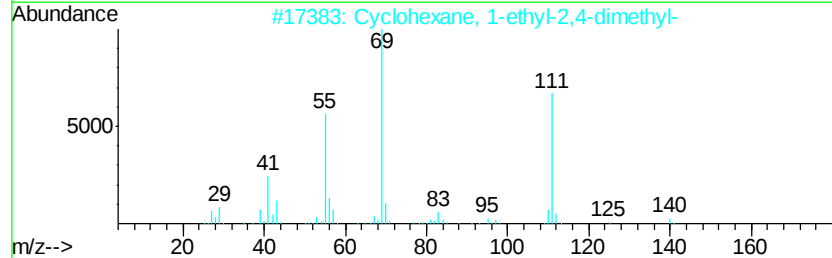
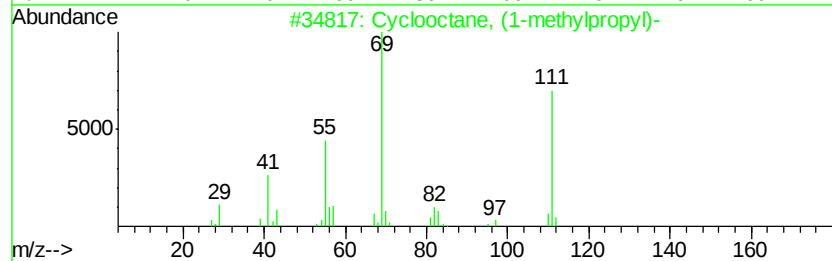
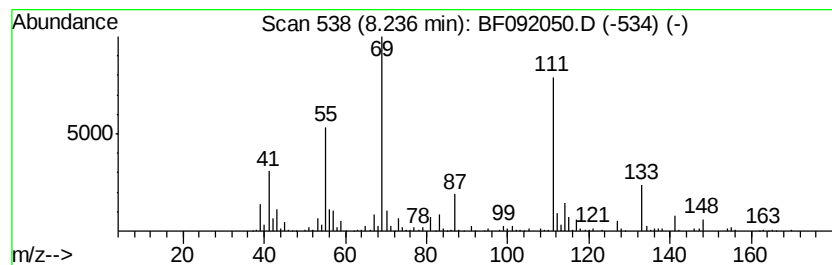
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclooctane, (1-methylpropyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	9.25 ng	1004750	Naphthalene-d8	7.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	53
2		Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	53
3		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	53
4		Cyclohexane, 1,4-dimethyl-2-(2-m...	168	C12H24	054411-17-5	53
5		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092050.D
Acq On : 30 Dec 2016 17:27
Operator : UM/SJ
Sample : H6318-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

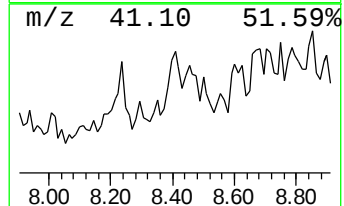
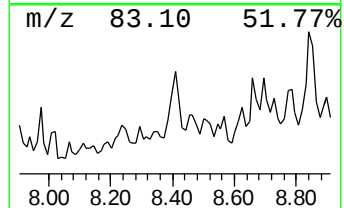
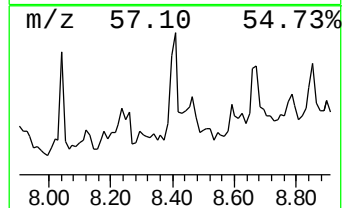
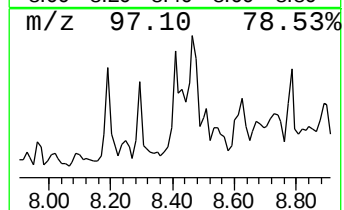
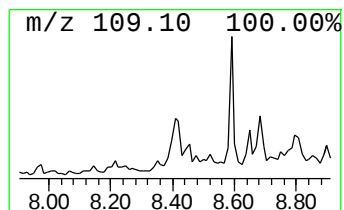
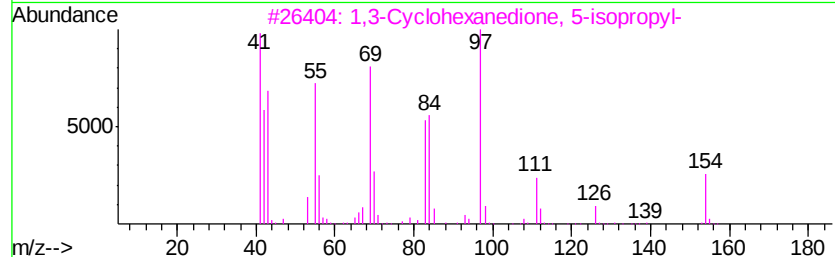
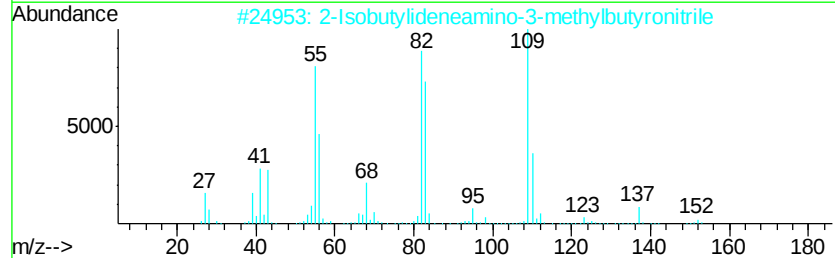
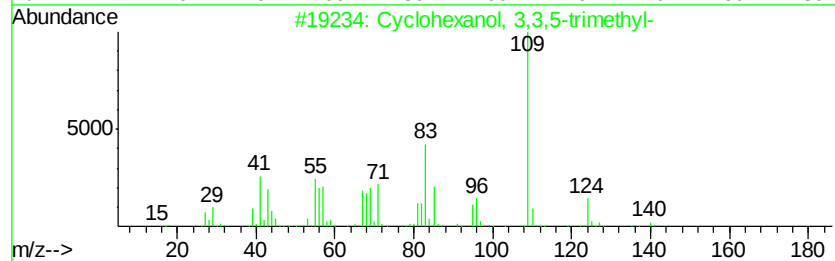
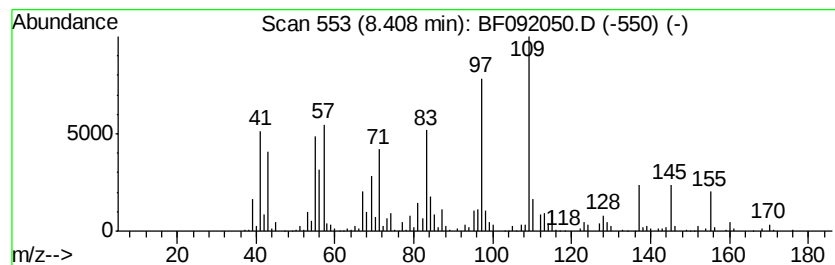
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown8.41 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	10.92 ng	1185120	Napthalene-d8	7.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	38
2		2-Isobutylideneamino-3-methylbut...	152	C9H16N2	125213-17-4	22
3		1,3-Cyclohexanedione, 5-isopropyl-	154	C9H14O2	018456-87-6	22
4		2-Thiophenepropanenitrile	137	C7H7NS	005722-13-4	14
5		1,1-Dimethyl-1-silacyclo-2,4-hex...	124	C7H12Si	052023-18-4	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092050.D
Acq On : 30 Dec 2016 17:27
Operator : UM/SJ
Sample : H6318-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

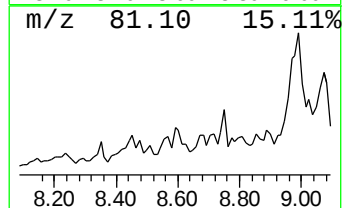
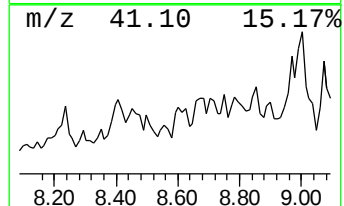
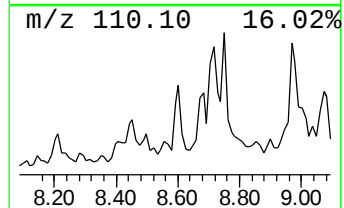
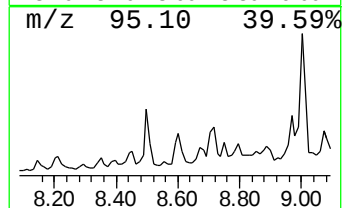
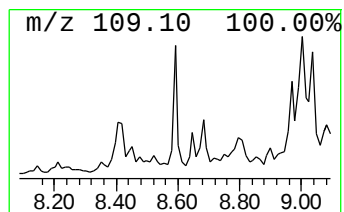
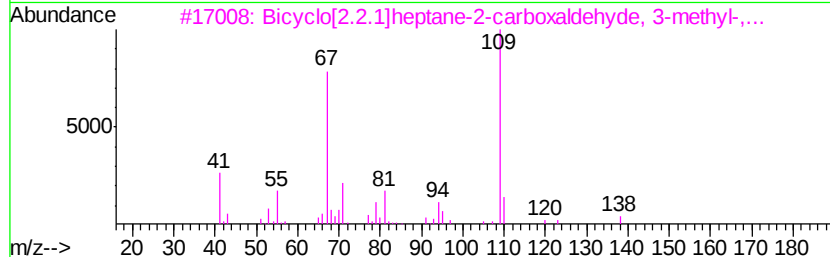
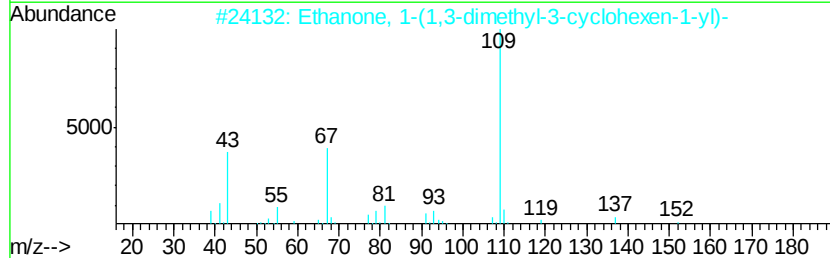
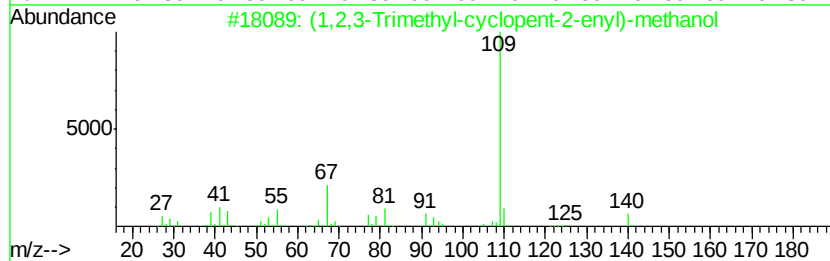
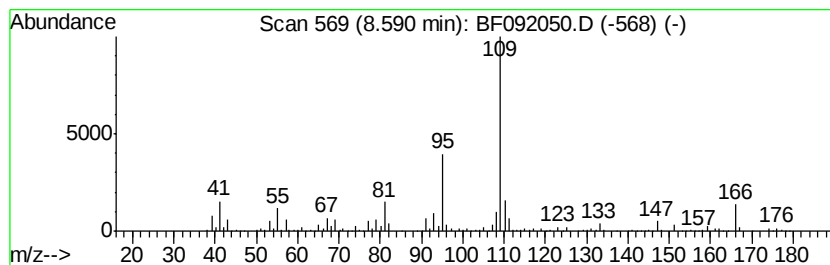
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown8.59 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	9.00 ng	977264	Naphthalene-d8	7.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1,2,3-Trimethyl-cyclopent-2-enyl-...	140	C9H16O	1000190-91-3	47
2		Ethanone, 1-(1,3-dimethyl-3-cycl...	152	C10H16O	051733-68-7	47
3		Bicyclo[2.2.1]heptane-2-carboxal...	138	C9H14O	015780-36-6	43
4		Acetaminophen	151	C8H9NO2	000103-90-2	43
5		Acetamide, N-(2-hydroxyphenyl)-	151	C8H9NO2	000614-80-2	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092050.D
Acq On : 30 Dec 2016 17:27
Operator : UM/SJ
Sample : H6318-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

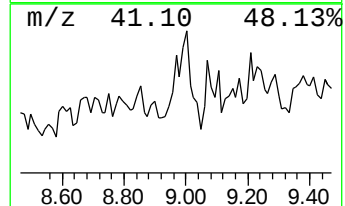
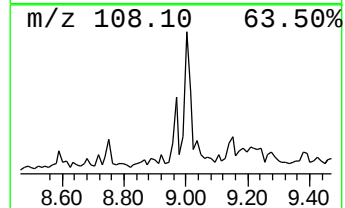
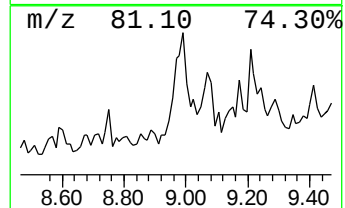
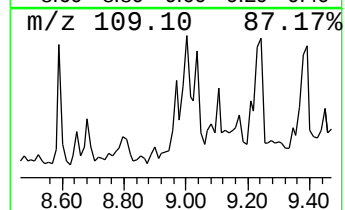
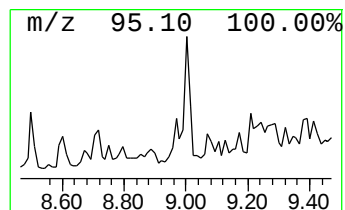
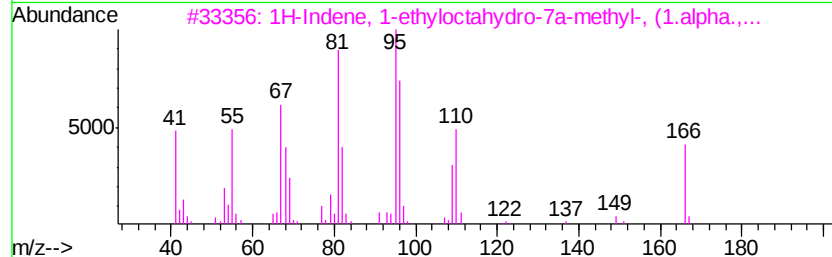
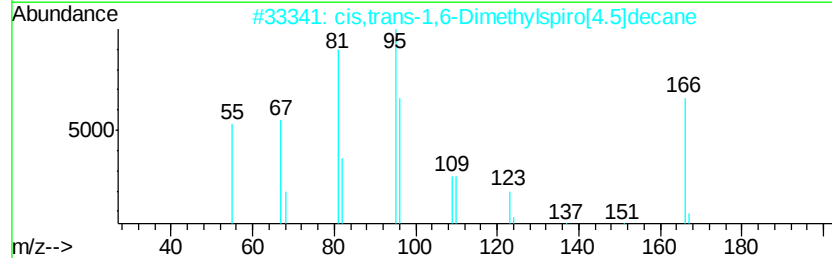
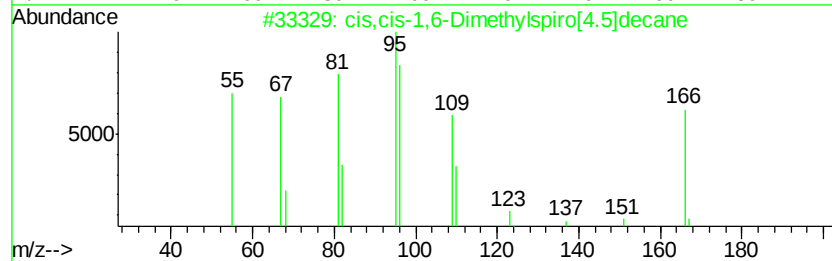
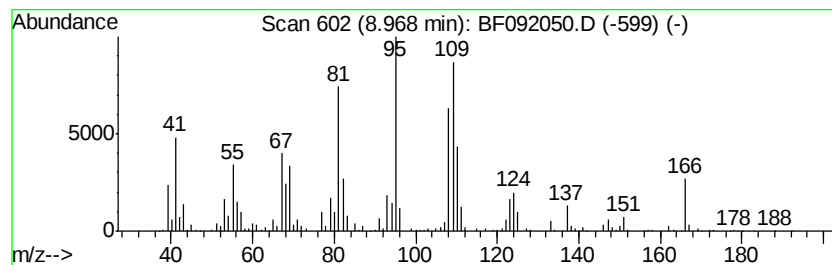
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 cis,cis-1,6-Dimethylspiro[4... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	11.02 ng	1564390	Acenaphthene-d10	9.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	58
2		cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	49
3		1H-Indene, 1-ethyloctahydro-7a-m...	166	C12H22	056324-71-1	49
4		4,4-Dimethyl-2-allylcyclohexanone	166	C11H18O	059077-96-2	43
5		2H-Pyran-2-one, 6-pentyl-	166	C10H14O2	027593-23-3	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123016\
Data File : BF092050.D
Acq On : 30 Dec 2016 17:27
Operator : UM/SJ
Sample : H6318-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

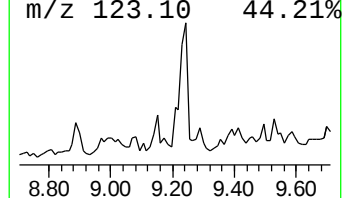
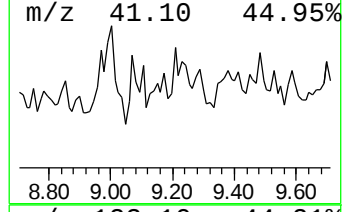
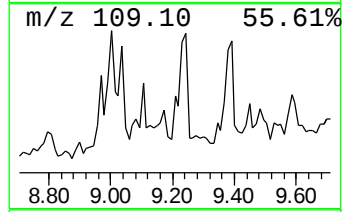
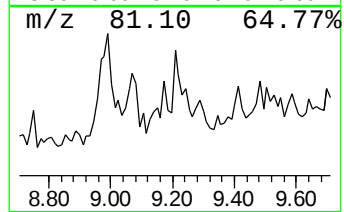
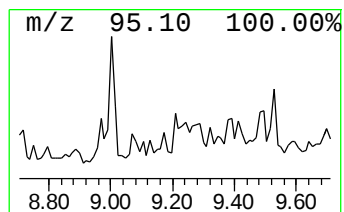
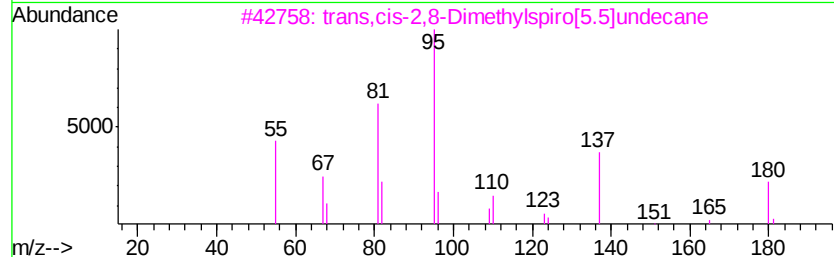
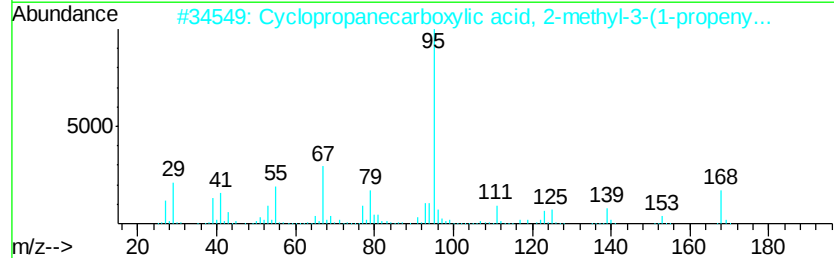
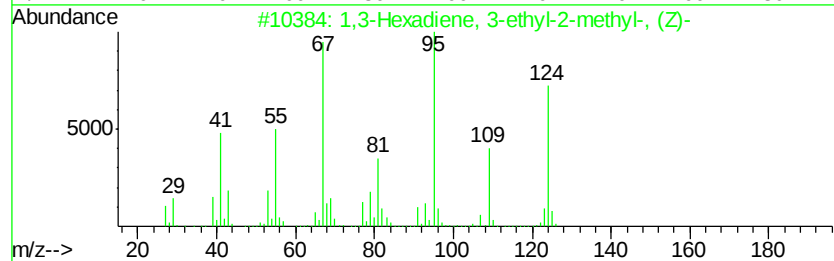
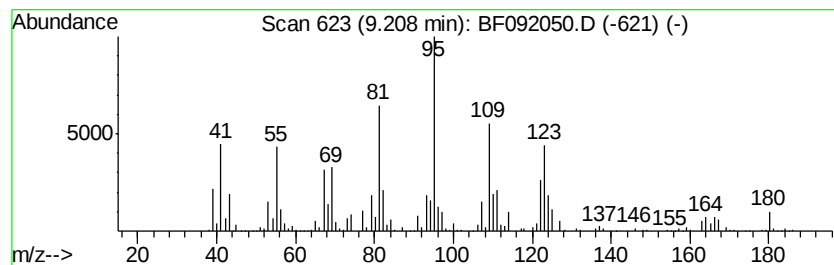
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown9.21 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	9.96 ng	1414150	Acenaphthene-d10	9.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Hexadiene, 3-ethyl-2-methyl-...	124	C9H16	074752-97-9	38
2			Cyclopropanecarboxylic acid, 2-m...	168	C10H16O2	030626-51-8	27
3			trans,cis-2,8-Dimethylspiro[5.5]...	180	C13H24	095472-52-9	27
4			1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	25
5			Ketone, 1,5-dimethylbicyclo[2.1....	138	C9H14O	024081-57-0	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123016\
Data File : BF092050.D
Acq On : 30 Dec 2016 17:27
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Sample : H6318-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

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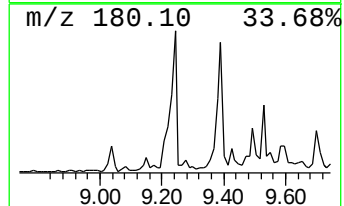
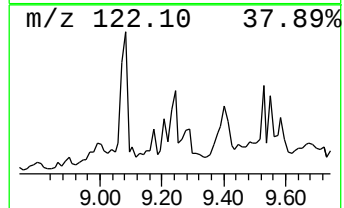
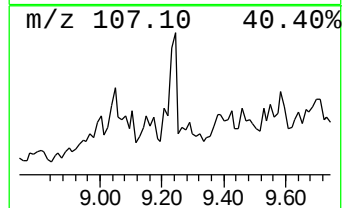
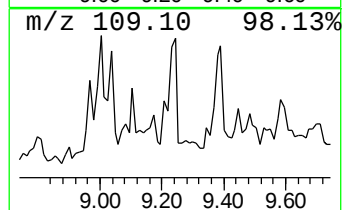
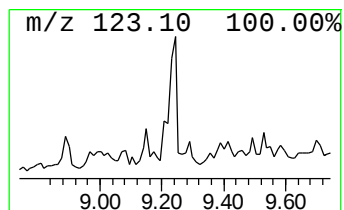
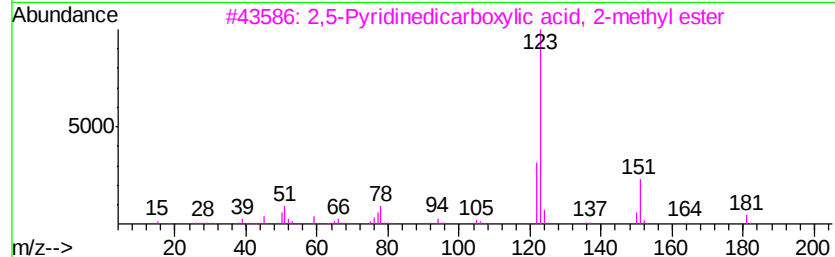
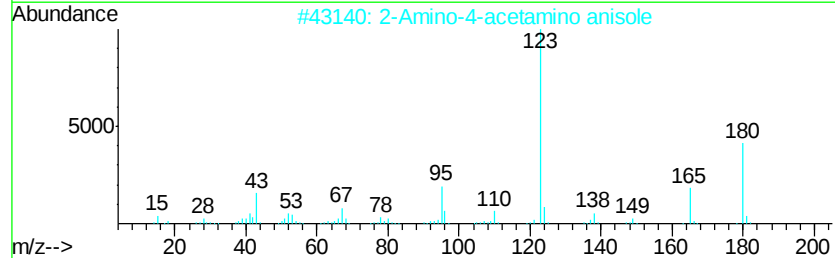
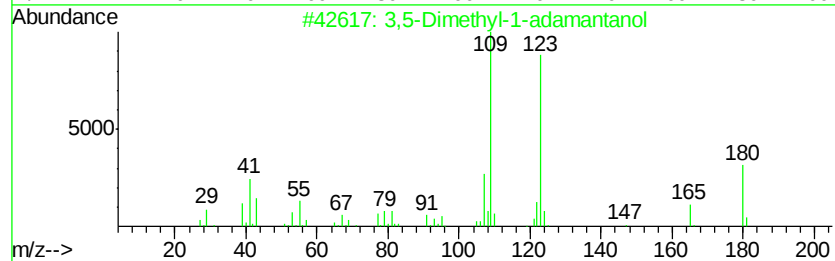
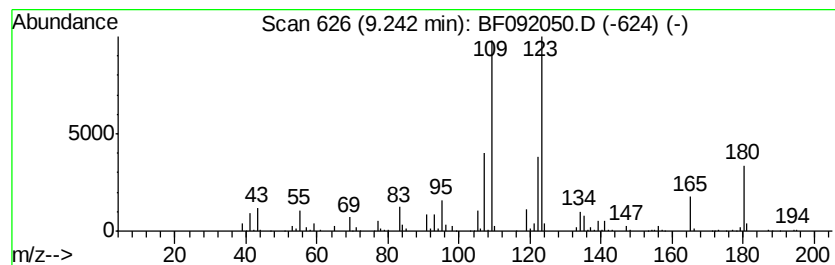
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 3,5-Dimethyl-1-adamantanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	13.58 ng	1926650	Acenaphthene-d10	9.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-Dimethyl-1-adamantanol	180	C12H20O	000707-37-9	72
2		2-Amino-4-acetamino anisole	180	C9H12N2O2	006375-47-9	35
3		2,5-Pyridinedicarboxylic acid, 2...	181	C8H7NO4	017874-76-9	12
4		1,4-Benzenediol, mono-tetradecyl...	306	C20H34O2	013224-40-3	10
5		1-(1-Ethyl-2,3-dimethyl-cyclopen...	166	C11H18O	1000185-18-6	10



Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092050.D
Acq On : 30 Dec 2016 17:27
Operator : UM/SJ
Sample : H6318-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

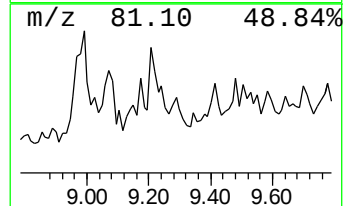
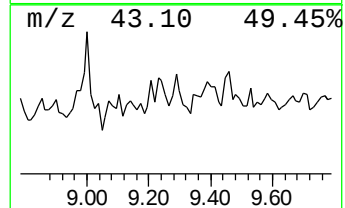
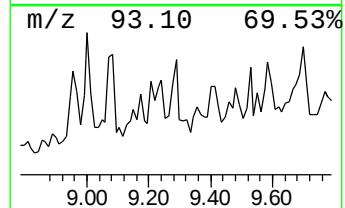
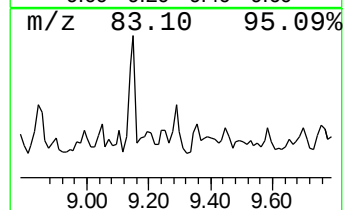
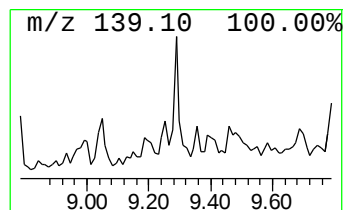
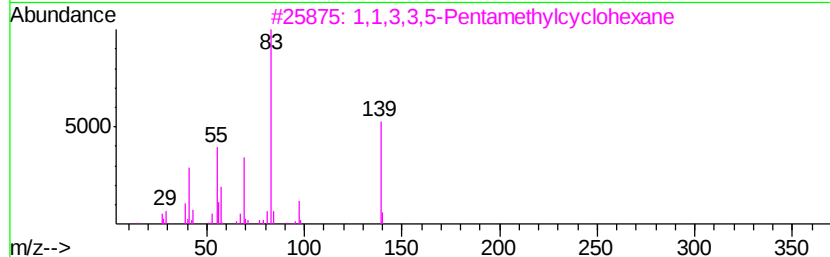
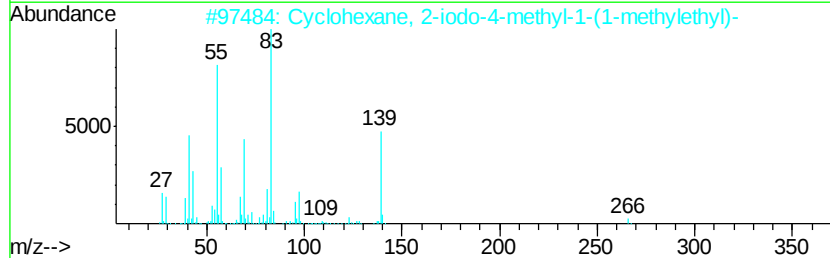
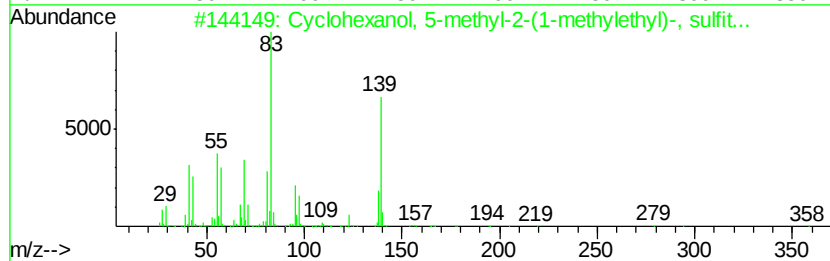
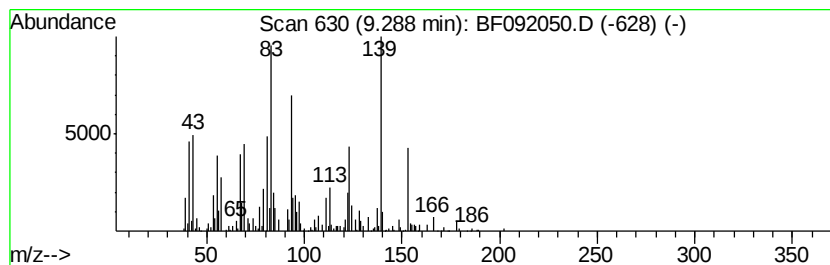
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown9.29 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	8.92 ng	1265480	Acenaphthene-d10	9.72
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexanol, 5-methyl-2-(1-meth...	358 C20H38O3S	026510-92-9 35
2		Cyclohexane, 2-iodo-4-methyl-1-(...	266 C10H19I	064240-81-9 35
3		1,1,3,3,5-Pentamethylcyclohexane	154 C11H22	070810-19-4 35
4		Tartaric acid, dimethyl ester	426 C24H42O6	1000149-89-9 25
5		Pyrithyldione	167 C9H13NO2	000077-04-3 16



Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092050.D
Acq On : 30 Dec 2016 17:27
Operator : UM/SJ
Sample : H6318-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

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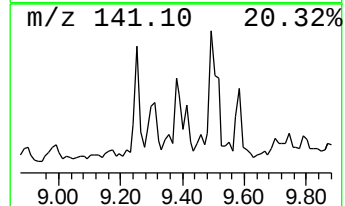
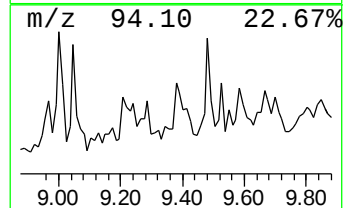
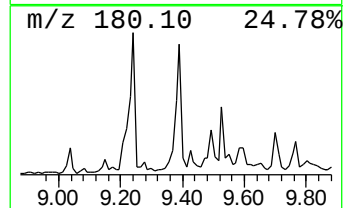
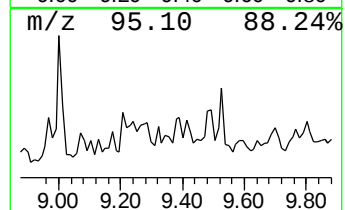
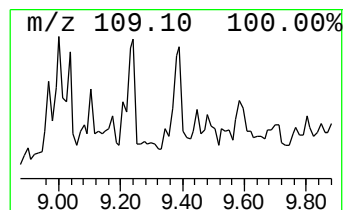
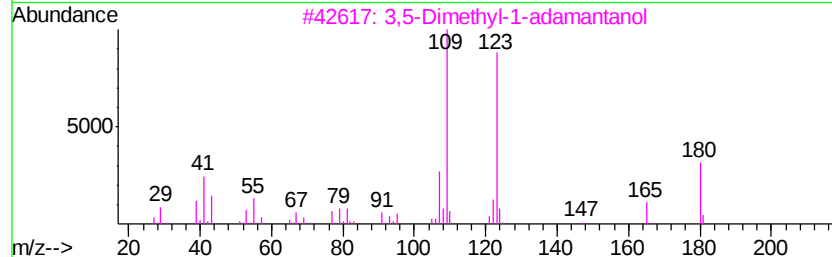
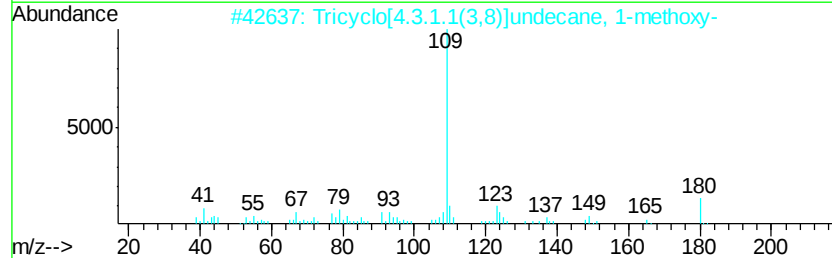
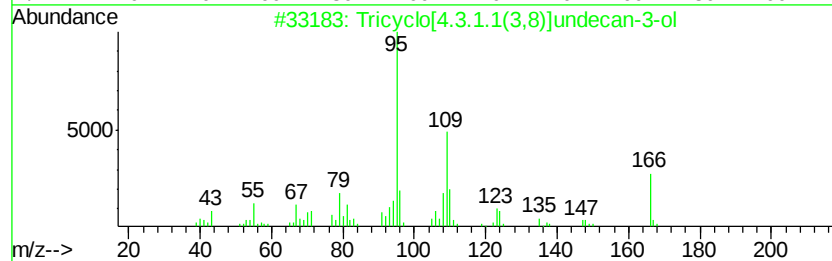
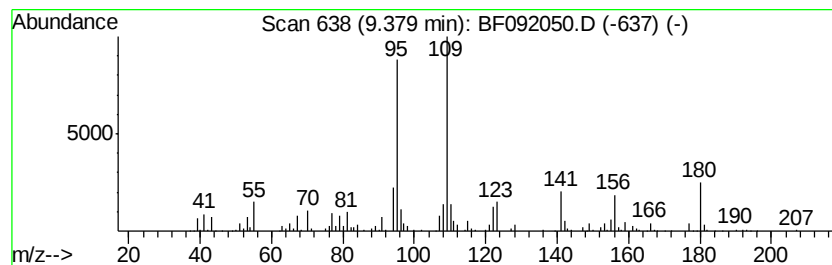
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown9.38 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	8.58 ng	1217370	Acenaphthene-d10	9.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricyclo[4.3.1.1(3,8)]undecan-3-ol	166	C11H18O	014504-80-4	47
2			Tricyclo[4.3.1.1(3,8)]undecane, ...	180	C12H20O	021898-95-3	43
3			3,5-Dimethyl-1-adamantanol	180	C12H20O	000707-37-9	38
4			6-(5-Methyl-furan-2-yl)-hexan-2-one	180	C11H16O2	1000185-87-5	30
5			2,3-Dehydro-1,8-cineole	152	C10H16O	092760-25-3	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092050.D
Acq On : 30 Dec 2016 17:27
Operator : UM/SJ
Sample : H6318-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

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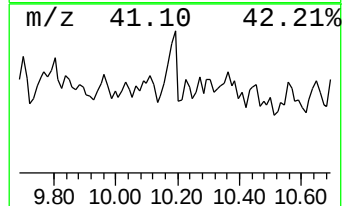
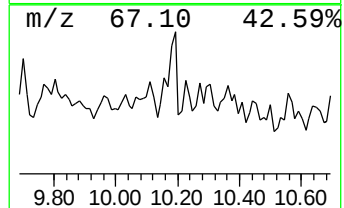
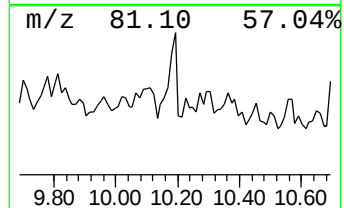
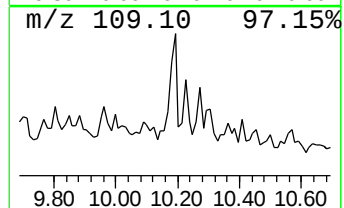
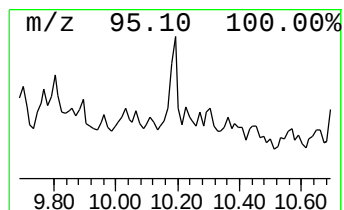
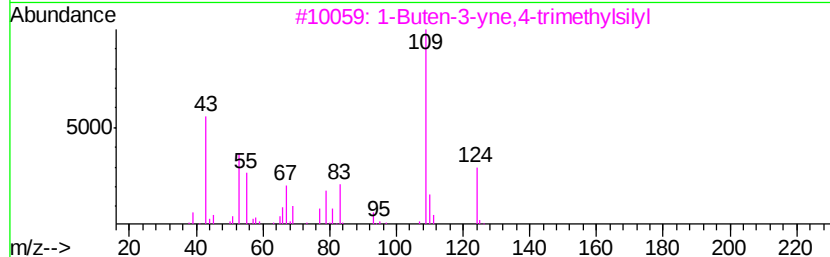
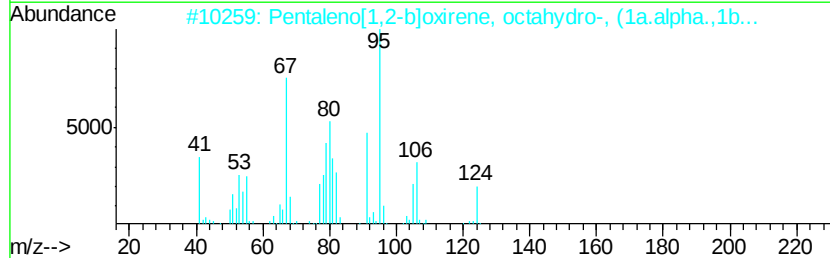
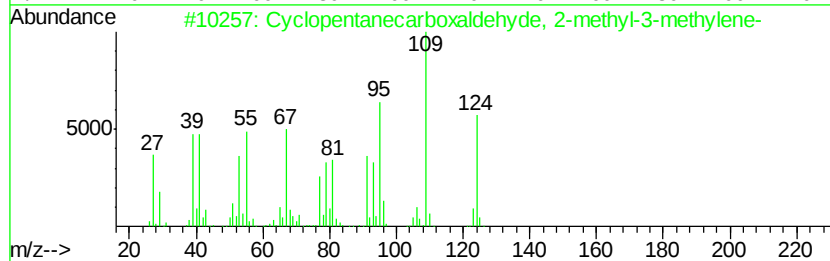
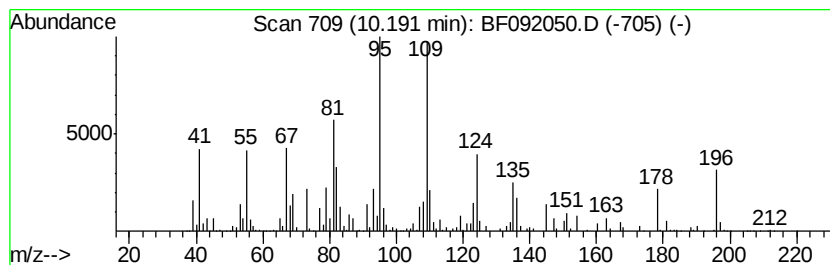
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown10.19 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	14.37 ng	2038870	Acenaphthene-d10	9.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentanecarboxaldehyde, 2-me...	124	C8H12O	1000154-24-0	46
2		Pentaleno[1,2-b]oxirene, octahyd...	124	C8H12O	055449-70-2	38
3		1-Buten-3-yne,4-trimethylsilyl	124	C7H12Si	002696-32-4	38
4		5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	30
5		1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092050.D
Acq On : 30 Dec 2016 17:27
Operator : UM/SJ
Sample : H6318-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

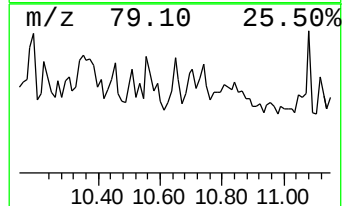
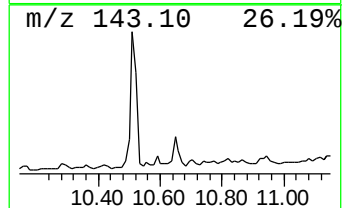
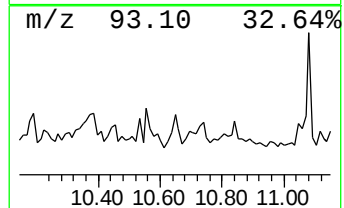
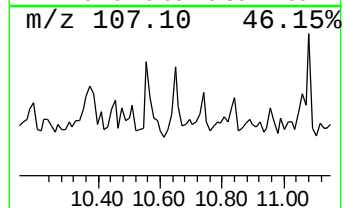
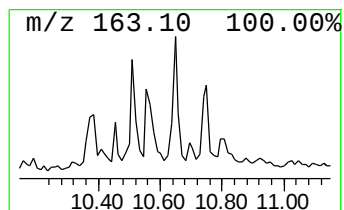
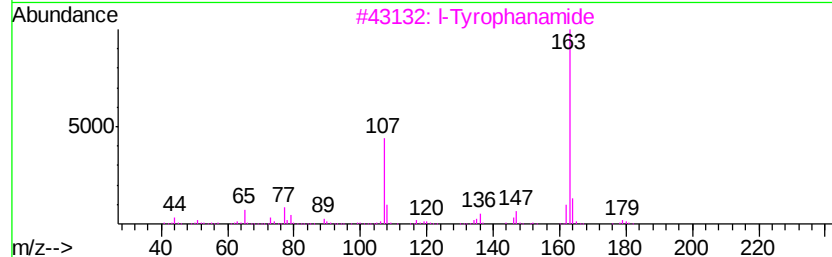
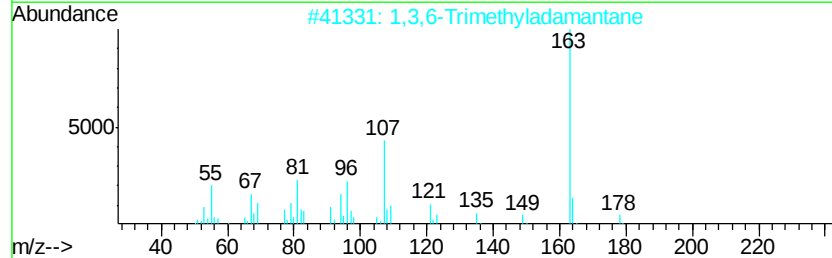
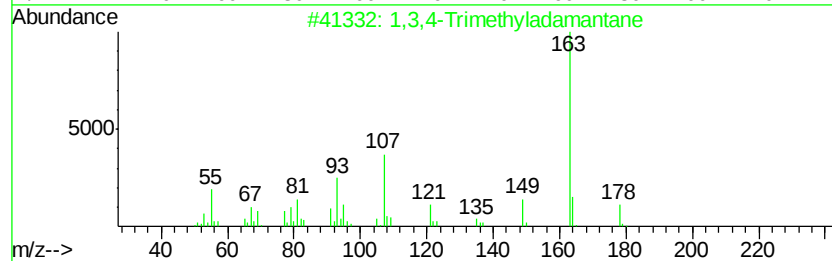
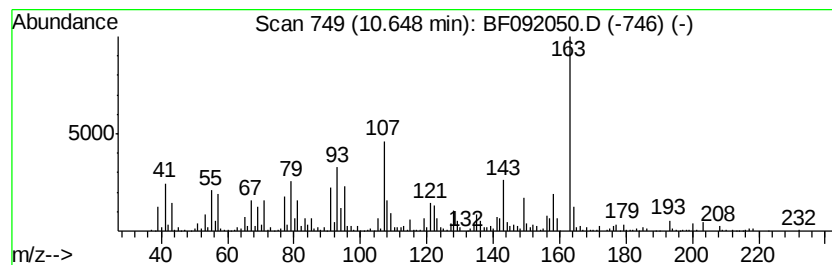
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1,3,4-Trimethyladamantane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.65	14.91 ng	1505480	Phenanthrene-d10	11.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,4-Trimethyladamantane	178	C13H22	1000214-98-3	53
2	1,3,6-Trimethyladamantane	178	C13H22	024139-37-5	50
3	l-Tyrophananamide	180	C9H12N2O2	1000131-25-3	47
4	4(1H)-Pteridinone, 2-amino-	163	C6H5N5O	002236-60-4	43
5	5-Fluoro-8-quinolinol	163	C9H6FNO	000387-97-3	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092050.D
Acq On : 30 Dec 2016 17:27
Operator : UM/SJ
Sample : H6318-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

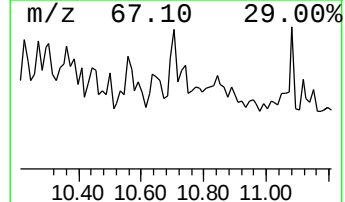
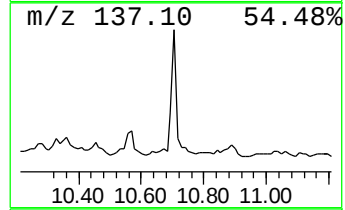
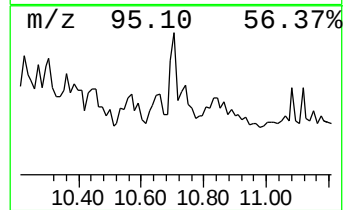
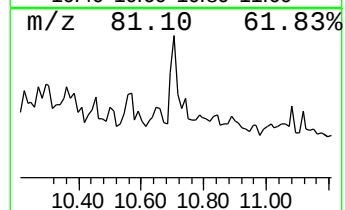
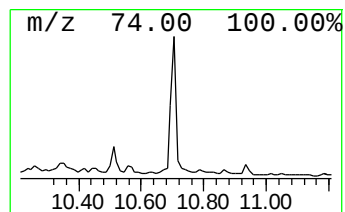
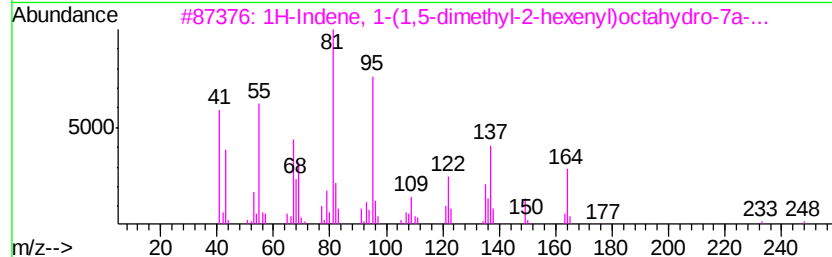
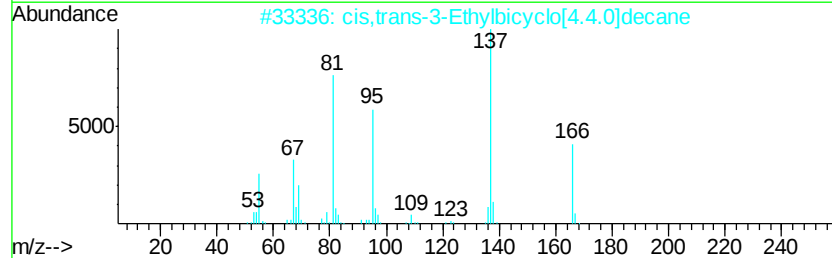
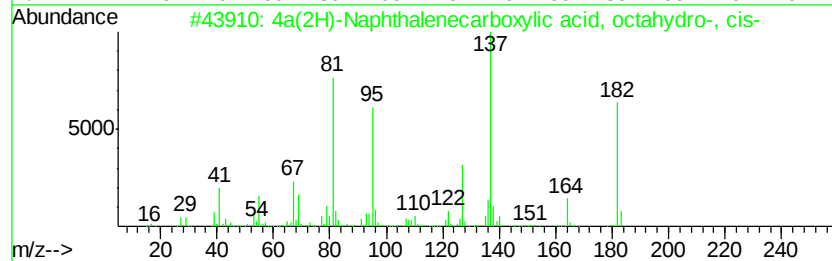
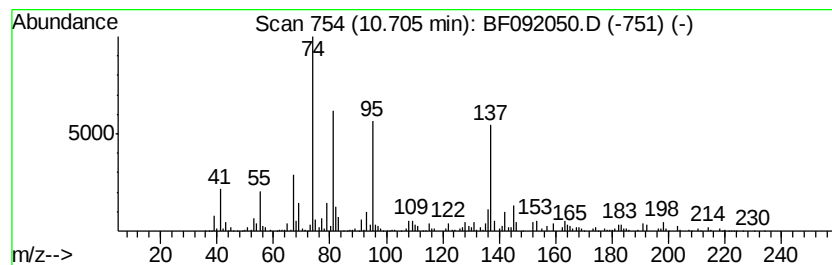
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown10.71 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	12.33 ng	1244730	Phenanthrene-d10	11.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4a(2H)-Naphthalenecarboxylic aci...	182	C11H18O2	003021-73-6	41
2		cis,trans-3-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-41-1	35
3		1H-Indene, 1-(1,5-dimethyl-2-hex...	248	C18H32	054411-95-9	27
4		4a(2H)-Naphthalenecarboxylic aci...	196	C12H20O2	062338-25-4	14
5		4,5-Heptadien-2-one, 3,3,6-trime...	152	C10H16O	081250-41-1	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
Data File : BF092050.D
Acq On : 30 Dec 2016 17:27
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Misc :
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ClientSampleId :
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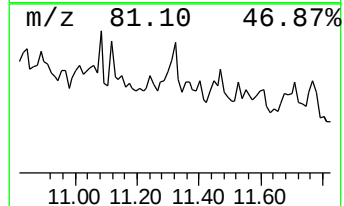
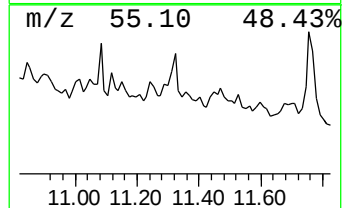
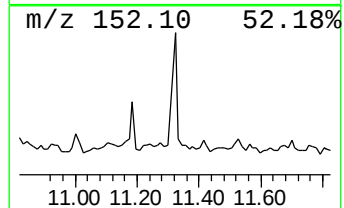
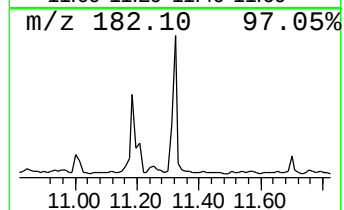
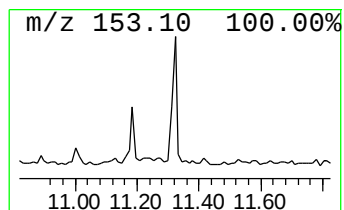
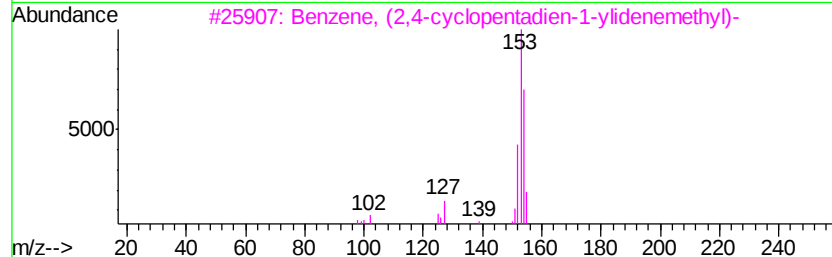
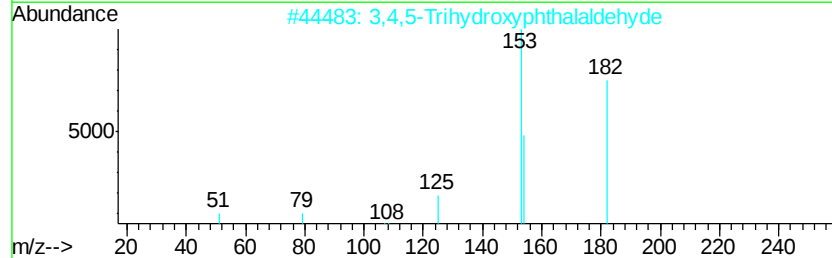
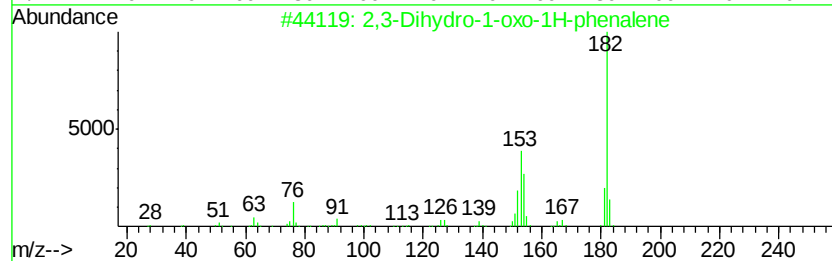
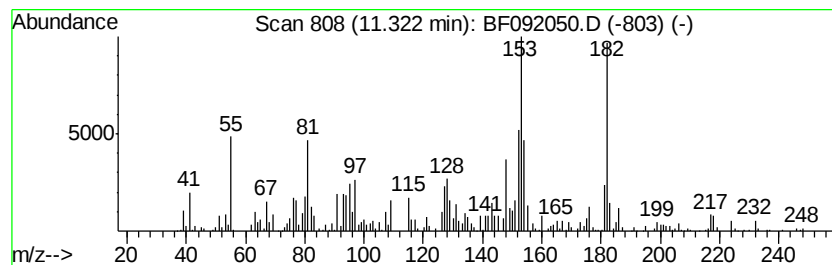
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2,3-Dihydro-1-oxo-1H-phenalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	13.89 ng	1402120	Phenanthrene-d10	11.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	83
2		3,4,5-Trihydroxyphthalaldehyde	182	C8H6O5	016790-41-3	43
3		Benzene, (2,4-cyclopentadien-1-ylidene)methyl-	154	C12H10	007338-50-3	42
4		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	41
5		Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
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Sample : H6318-03
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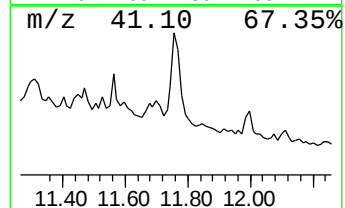
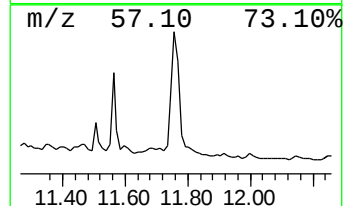
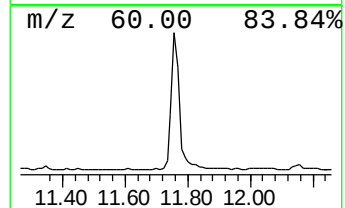
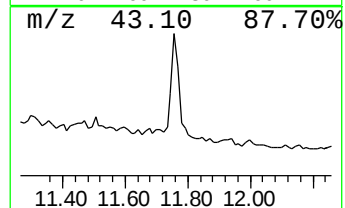
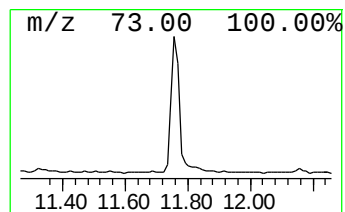
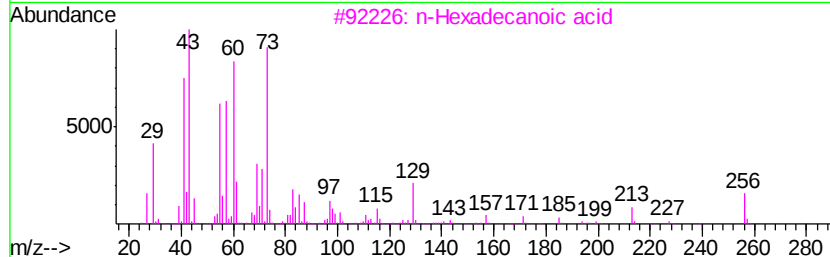
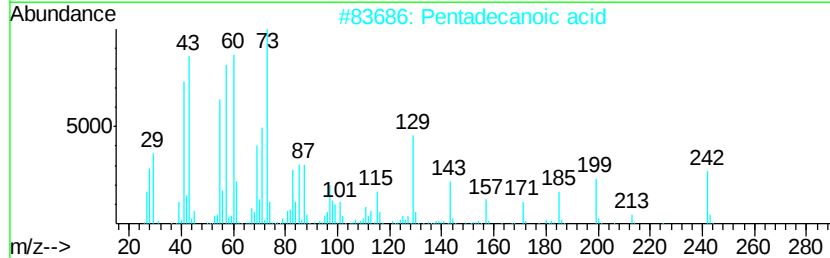
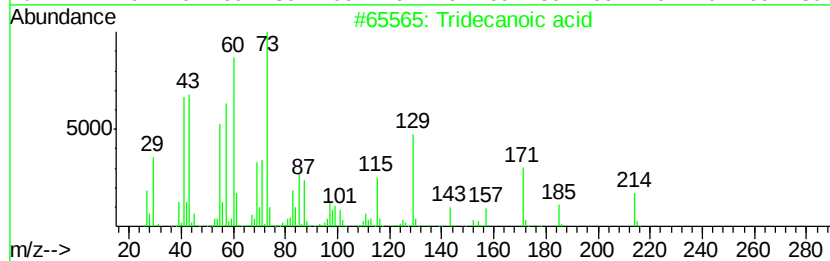
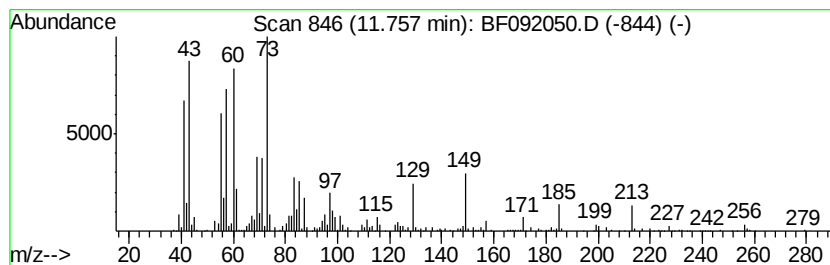
Instrument :
BNA_F
ClientSampleId :
MW-16

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.		
11.76	19.34 ng	1952410	Phenanthrene-d10		11.21		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	86
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5			Undecanoic acid	186	C11H22O2	000112-37-8	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123016\
Data File : BF092050.D
Acq On : 30 Dec 2016 17:27
Operator : UM/SJ
Sample : H6318-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-16

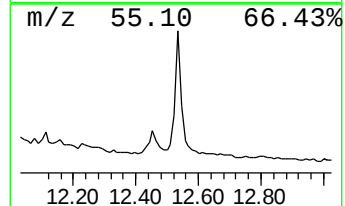
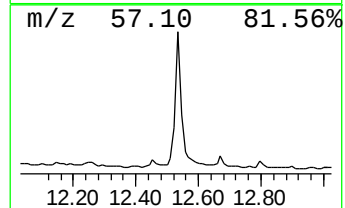
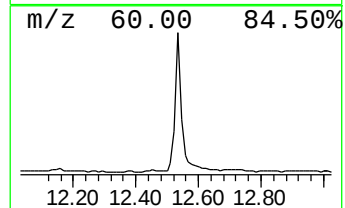
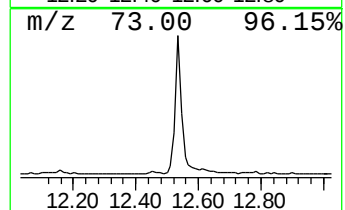
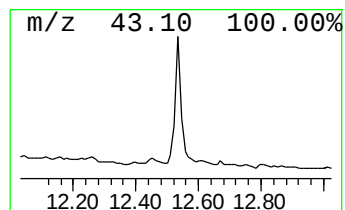
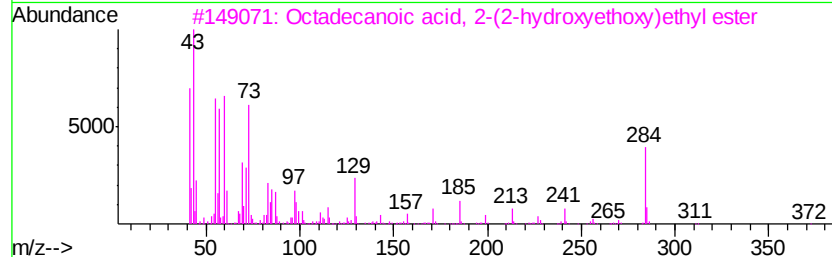
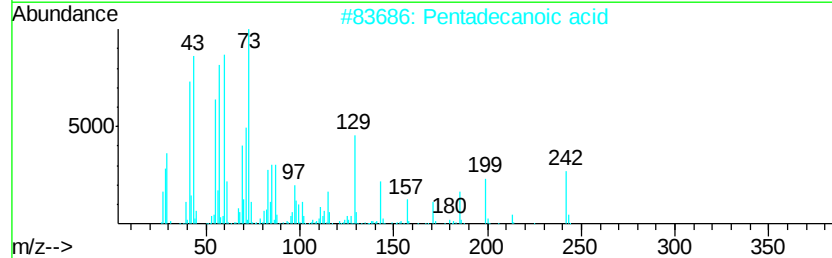
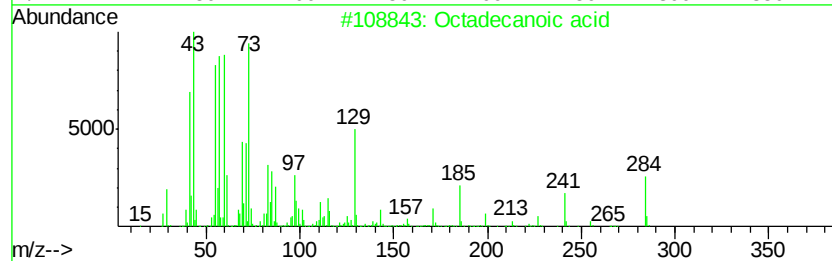
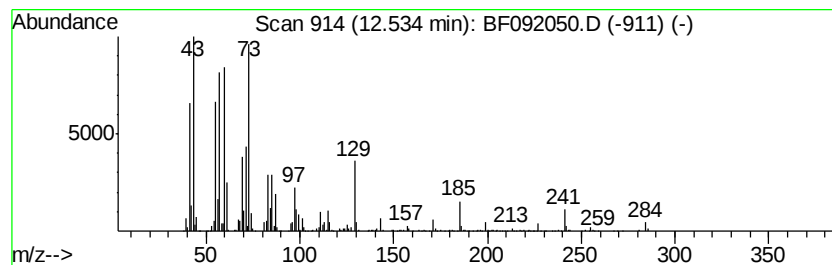
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	25.12 ng	1584810	Chrysene-d12	13.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	72
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5		Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123016\
 Data File : BF092050.D
 Acq On : 30 Dec 2016 17:27
 Operator : UM/SJ
 Sample : H6318-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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
2-Pentanone, 4-hy...	4.82	12.0	ng	837728	1	6.68	1396330	20.0
unknown6.45	6.45	67.8	ng	4731740	1	6.68	1396330	20.0
Benzene, 2-etheny...	7.71	11.2	ng	1216130	2	7.96	2171350	20.0
1H-Indene, 2,3-di...	8.02	8.4	ng	909827	2	7.96	2171350	20.0
Cyclooctane, (1-m...	8.24	9.3	ng	1004750	2	7.96	2171350	20.0
unknown8.41	8.41	10.9	ng	1185120	2	7.96	2171350	20.0
unknown8.59	8.59	9.0	ng	977264	2	7.96	2171350	20.0
cis,cis-1,6-Dimet...	8.97	11.0	ng	1564390	3	9.72	2838380	20.0
unknown9.21	9.21	10.0	ng	1414150	3	9.72	2838380	20.0
3,5-Dimethyl-1-ad...	9.24	13.6	ng	1926650	3	9.72	2838380	20.0
unknown9.29	9.29	8.9	ng	1265480	3	9.72	2838380	20.0
unknown9.38	9.38	8.6	ng	1217370	3	9.72	2838380	20.0
unknown10.19	10.19	14.4	ng	2038870	3	9.72	2838380	20.0
1,3,4-Trimethylad...	10.65	14.9	ng	1505480	4	11.21	2019380	20.0
unknown10.71	10.71	12.3	ng	1244730	4	11.21	2019380	20.0
2,3-Dihydro-1-oxo...	11.32	13.9	ng	1402120	4	11.21	2019380	20.0
Tridecanoic acid	11.76	19.3	ng	1952410	4	11.21	2019380	20.0
Octadecanoic acid	12.53	25.1	ng	1584810	5	13.83	1261950	20.0