

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
 Data File : BM010852.D
 Acq On : 18 Jul 2017 01:45
 Operator : SJ/JU
 Sample : I4203-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-SB04B

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_M\METHODS\8270-BM071217.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	4.640	292	298	307	rBV	609587	803219	3.88%	0.538%
2	5.081	367	373	385	rVB	6696947	8866149	42.84%	5.940%
3	6.640	625	638	651	rBV	6382610	10011993	48.38%	6.707%
4	6.987	688	697	703	rBV	6381290	9678665	46.77%	6.484%
5	7.440	767	774	782	rVB	1085297	1688816	8.16%	1.131%
6	7.757	821	828	839	rVB	4826610	7369752	35.61%	4.937%
7	7.993	860	868	872	rVB2	177548	273811	1.32%	0.183%
8	8.522	947	958	963	rBV3	197630	611353	2.95%	0.410%
9	8.587	963	969	976	rVV	3831800	6185255	29.89%	4.144%
10	8.775	999	1001	1008	rVB5	159874	274957	1.33%	0.184%
11	8.887	1015	1020	1026	rVB9	104232	240825	1.16%	0.161%
12	9.134	1058	1062	1065	rVB5	191688	275938	1.33%	0.185%
13	9.387	1101	1105	1114	rVB5	274837	620336	3.00%	0.416%
14	9.663	1148	1152	1158	rVB6	185565	362106	1.75%	0.243%
15	9.816	1172	1178	1181	rBV4	305635	549699	2.66%	0.368%
16	9.957	1198	1202	1207	rVB4	269982	417747	2.02%	0.280%
17	10.204	1233	1244	1251	rVB	1448922	3010603	14.55%	2.017%
18	10.287	1251	1258	1262	rBV6	187429	424578	2.05%	0.284%
19	10.334	1262	1266	1270	rVB6	276394	440778	2.13%	0.295%
20	10.387	1270	1275	1279	rBV3	413346	777282	3.76%	0.521%
21	10.610	1309	1313	1318	rBV3	419650	682877	3.30%	0.457%
22	10.698	1323	1328	1333	rVV2	1283487	2007984	9.70%	1.345%
23	10.887	1356	1360	1368	rVB3	715248	1226332	5.93%	0.822%
24	10.975	1369	1375	1376	rBV6	240662	473281	2.29%	0.317%
25	11.257	1417	1423	1427	rBV2	732412	1750492	8.46%	1.173%
26	11.393	1441	1446	1451	rVB	648403	1011101	4.89%	0.677%
27	11.498	1459	1464	1472	rVB	1319386	2083506	10.07%	1.396%
28	11.640	1482	1488	1490	rBV5	348980	688886	3.33%	0.461%
29	11.951	1537	1541	1545	rBV3	681707	1174741	5.68%	0.787%
30	12.057	1556	1559	1562	rVB2	372226	416822	2.01%	0.279%
31	12.269	1592	1595	1598	rBV5	267914	465085	2.25%	0.312%
32	12.375	1609	1613	1619	rBV6	502864	1159477	5.60%	0.777%
33	12.510	1632	1636	1644	rVB5	810434	1437292	6.95%	0.963%
34	12.710	1662	1670	1676	rVB	9543675	15031797	72.64%	10.070%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	12.863	1692	1696	1699	rBV4	604352	929363	4.49%	0.623%
36	12.898	1699	1702	1708	rVB2	1066878	1619957	7.83%	1.085%
37	13.022	1719	1723	1727	rVB5	700636	1037686	5.01%	0.695%
38	13.510	1801	1806	1811	rBV	2480536	3780342	18.27%	2.532%
39	13.563	1812	1815	1818	rVV	710301	915072	4.42%	0.613%
40	13.604	1818	1822	1825	rVV2	678194	903510	4.37%	0.605%
41	13.928	1873	1877	1881	rVB	1361442	1760882	8.51%	1.180%
42	14.063	1896	1900	1902	rBV3	841701	1304102	6.30%	0.874%
43	14.098	1902	1906	1910	rVB2	1989423	3098868	14.97%	2.076%
44	14.651	1996	2000	2004	rVB5	623324	934716	4.52%	0.626%
45	14.822	2025	2029	2034	rBV6	609685	1264536	6.11%	0.847%
46	14.892	2038	2041	2045	rVB2	1053423	1258562	6.08%	0.843%
47	15.592	2155	2160	2168	rVB	8941125	12769413	61.70%	8.554%
48	15.875	2205	2208	2211	rVB	1091180	1320425	6.38%	0.885%
49	16.851	2369	2374	2378	rVB	2661272	3540184	17.11%	2.372%
50	17.769	2528	2530	2534	rVB3	550905	580831	2.81%	0.389%
51	19.068	2747	2751	2755	rBV5	280405	421210	2.04%	0.282%
52	19.510	2820	2826	2839	rVB	17293708	20694837	100.00%	13.864%
53	20.804	3042	3046	3052	rBV2	387829	495517	2.39%	0.332%
54	21.062	3085	3090	3096	rBV	3489956	4328655	20.92%	2.900%
55	23.192	3446	3452	3462	rVB	2174851	3822007	18.47%	2.560%

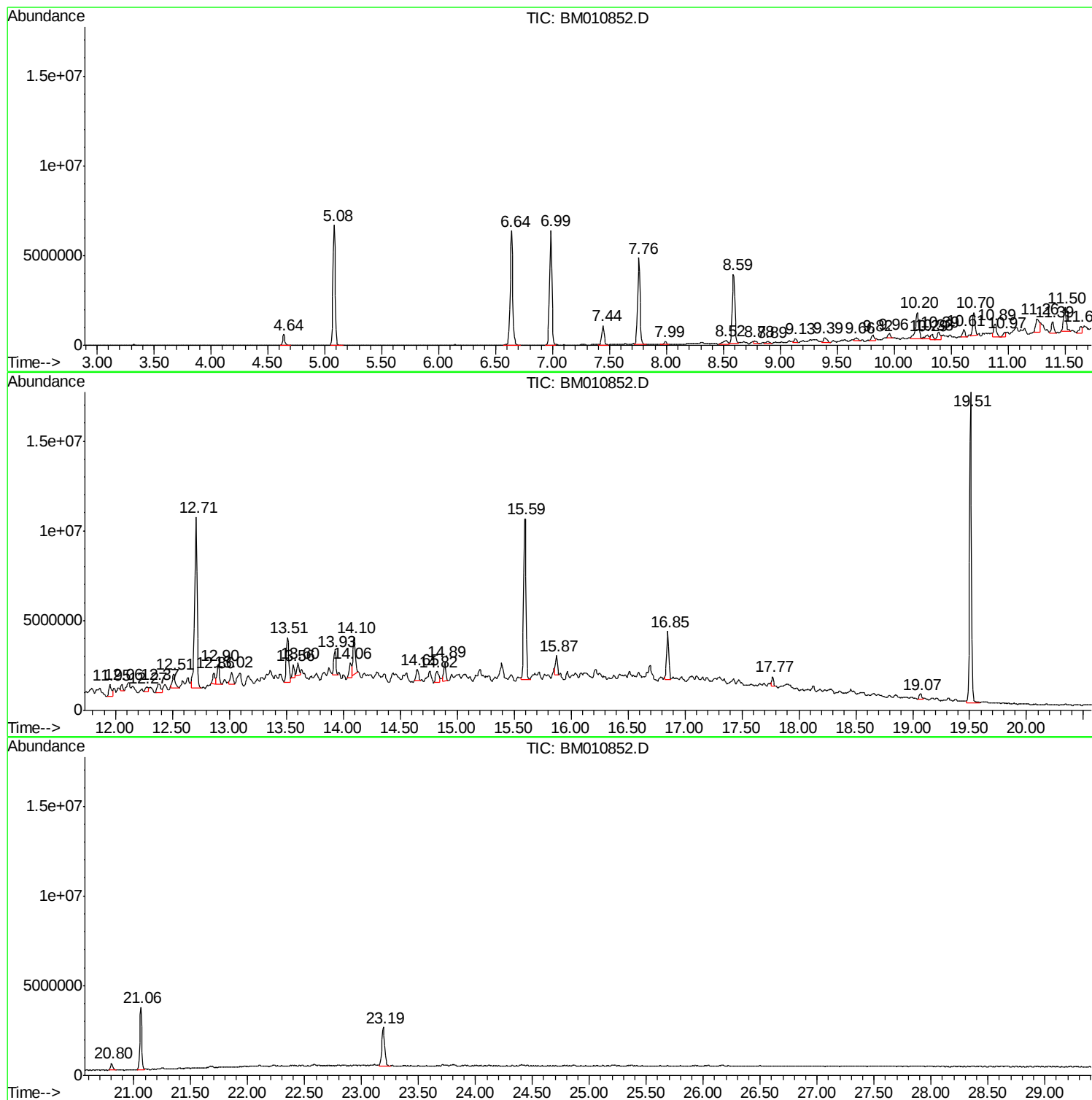
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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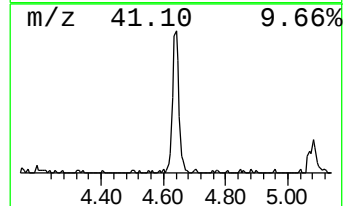
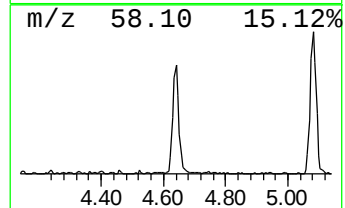
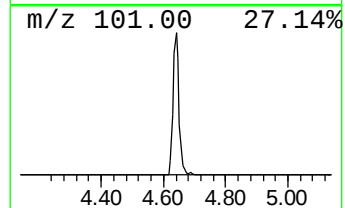
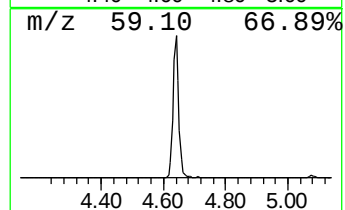
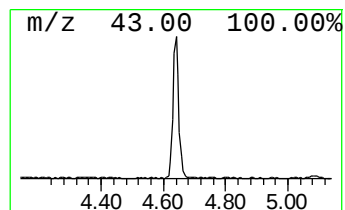
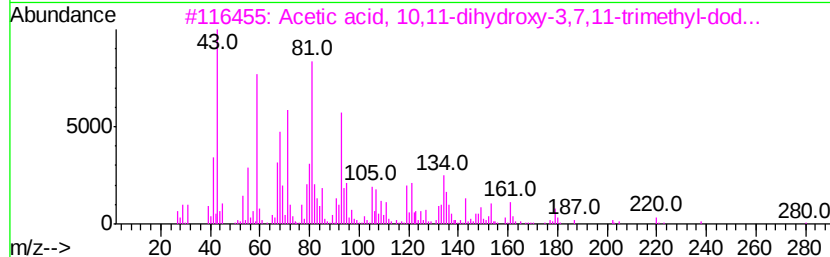
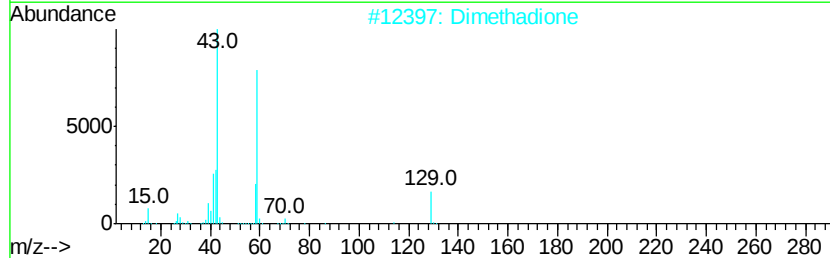
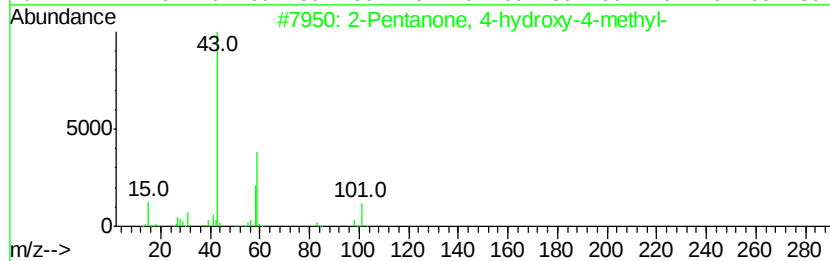
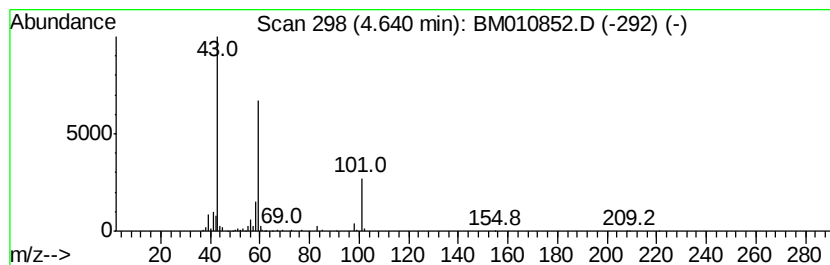
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	9.51 ng	803219	1,4-Dichlorobenzene-d4	7.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Dimethadione	129	C5H7NO3	000695-53-4	33
3			Acetic acid, 10,11-dihydroxy-3,7...	298	C17H30O4	1000194-28-5	23
4			1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	17
5			Silane, trimethyl-	74	C3H10Si	000993-07-7	17



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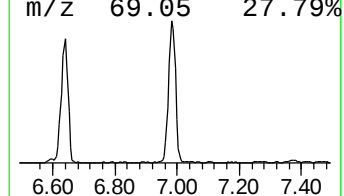
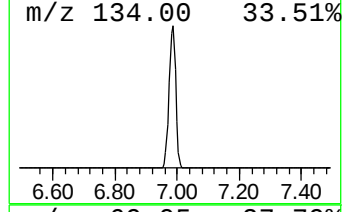
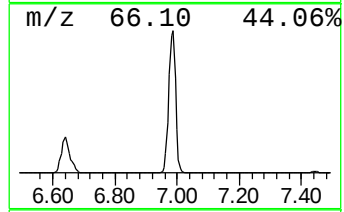
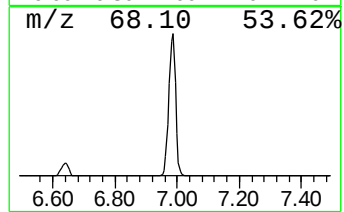
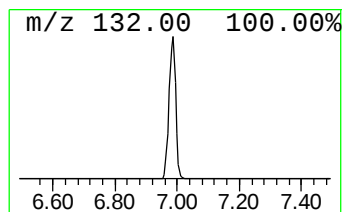
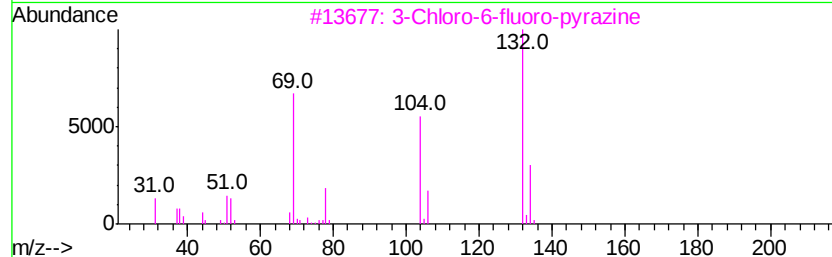
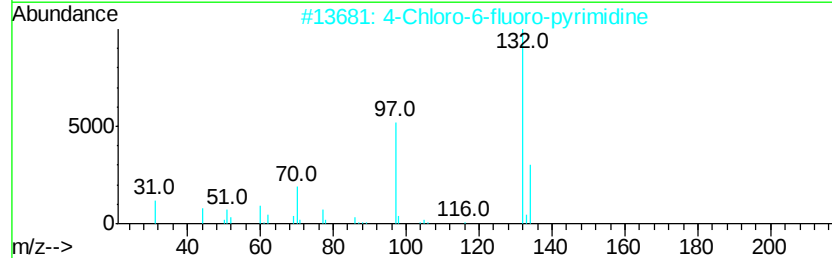
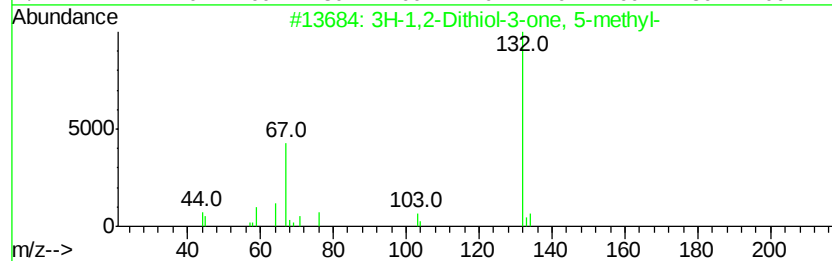
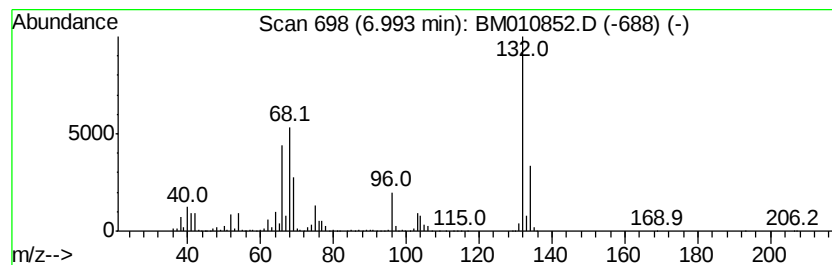
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.99 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	114.62 ng	9678670	1,4-Dichlorobenzene-d4	7.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
4		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5		1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9



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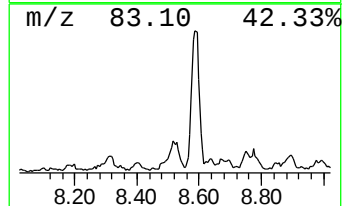
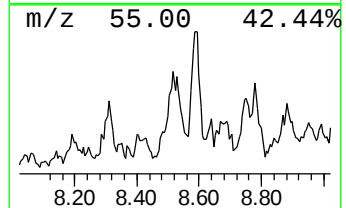
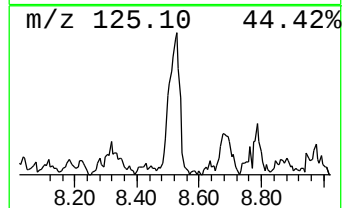
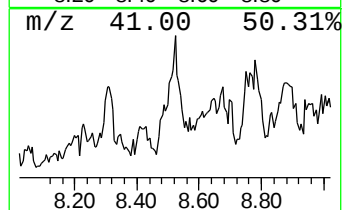
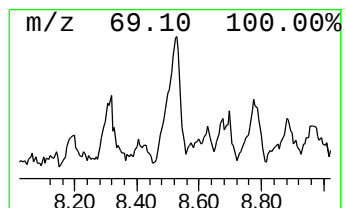
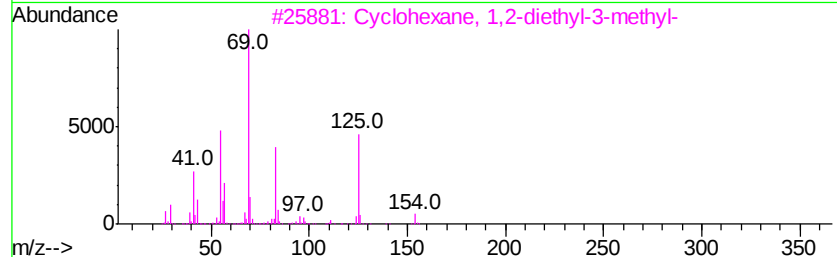
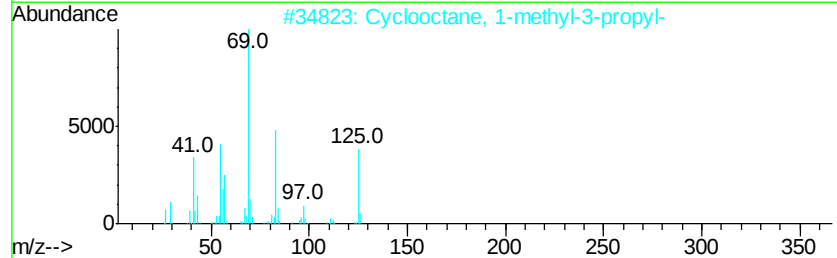
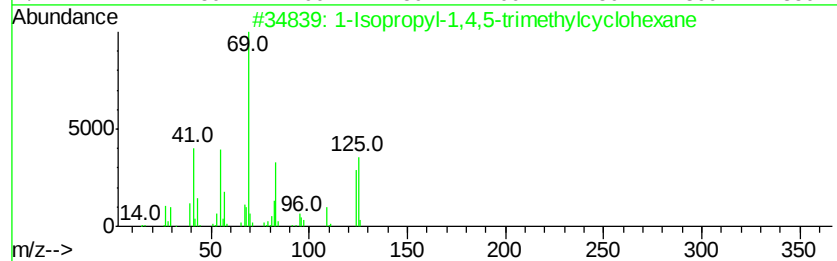
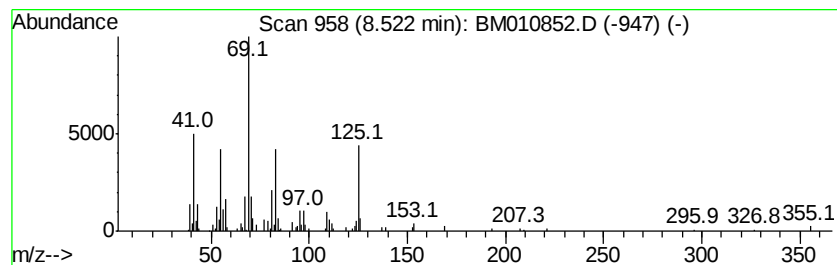
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 1-Isopropyl-1,4,5-trimethyl... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	7.24 ng	611353	1,4-Dichlorobenzene-d4	7.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Isopropyl-1,4,5-trimethylcyclo...	168	C12H24	219783-06-9	78
2		Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	72
3		Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	72
4		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	64
5		3-Heptene, 2,2,3,5,6-pentamethyl-	168	C12H24	116164-06-8	64



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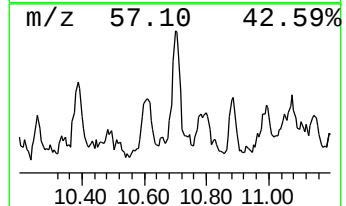
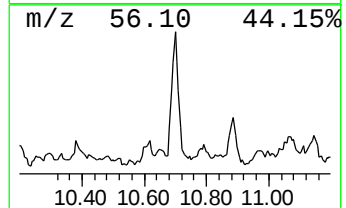
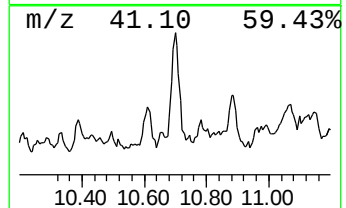
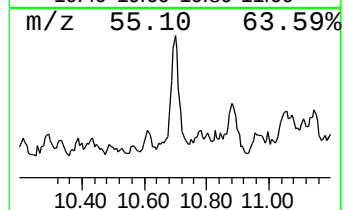
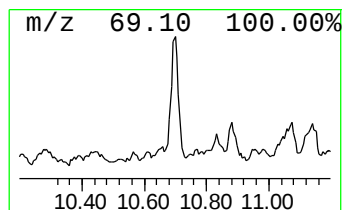
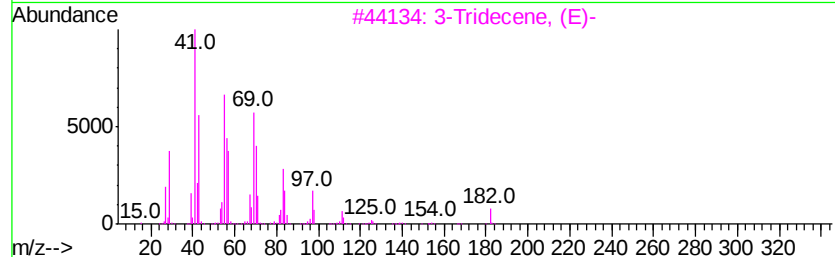
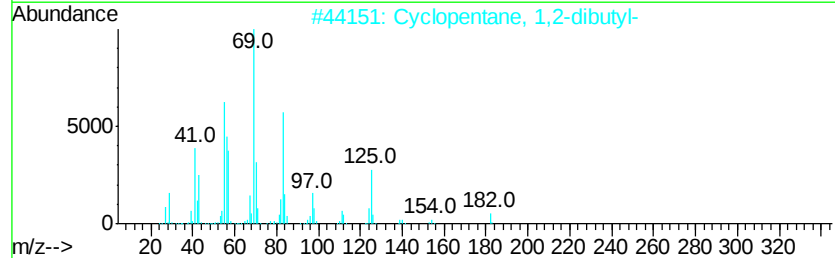
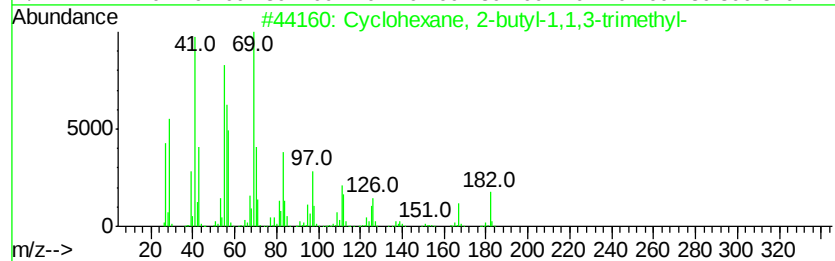
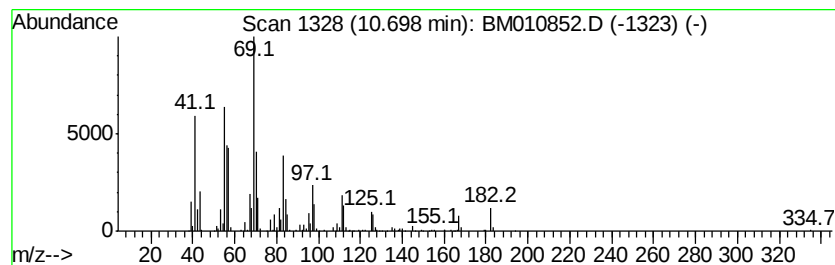
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	13.34 ng	2007980	Naphthalene-d8	10.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	92
2		Cyclopentane, 1,2-dibutyl-	182	C13H26	062199-52-4	76
3		3-Tridecene, (E)-	182	C13H26	041446-57-5	64
4		6-Tridecene	182	C13H26	024949-38-0	64
5		Cyclopentane, butyl-	126	C9H18	002040-95-1	60



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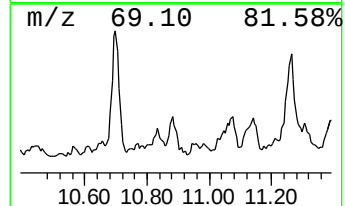
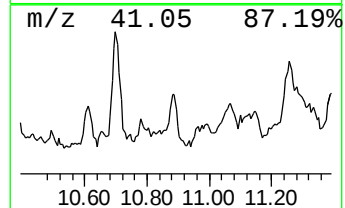
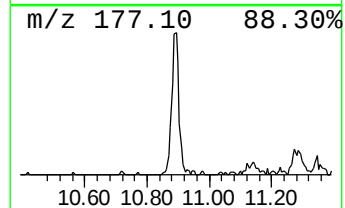
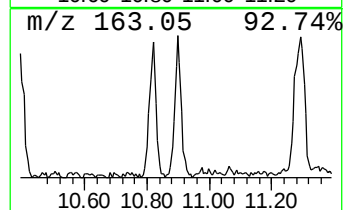
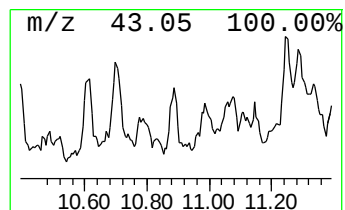
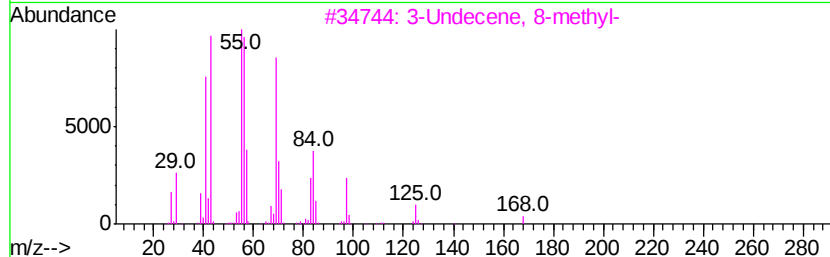
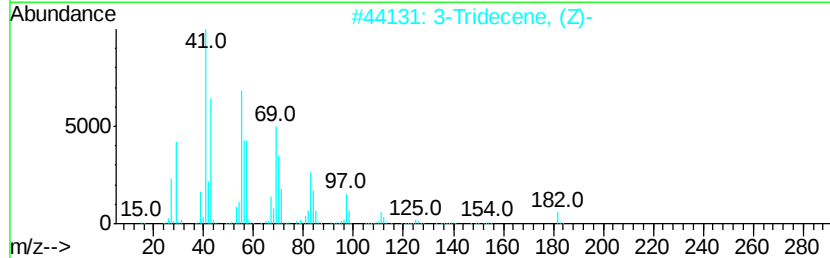
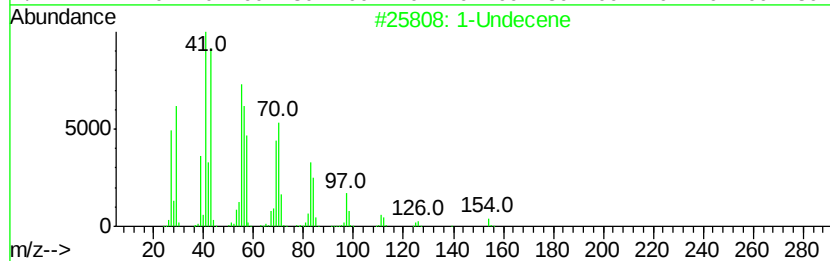
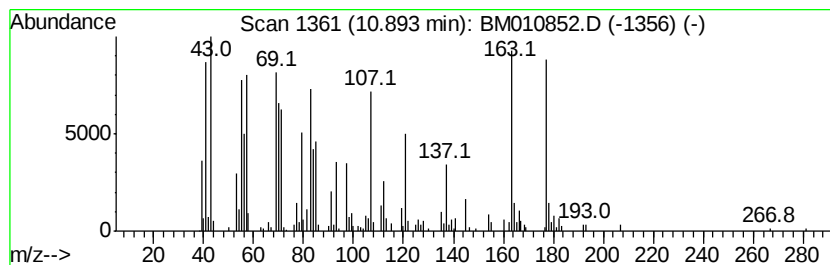
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown10.89 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.89	8.15 ng	1226330	Naphthalene-d8	10.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Undecene	154	C11H22	000821-95-4	46
2	3-Tridecene, (Z)-	182	C13H26	041446-53-1	46
3	3-Undecene, 8-methyl-	168	C12H24	1000061-84-4	43
4	1-Pentadecene	210	C15H30	013360-61-7	43
5	1-Tridecene	182	C13H26	002437-56-1	43



Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
Data File : BM010852.D
Acq On : 18 Jul 2017 01:45
Operator : SJ/JU
Sample : I4203-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

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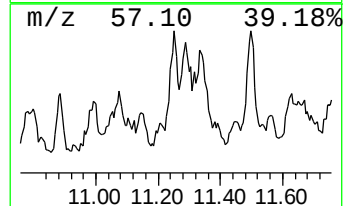
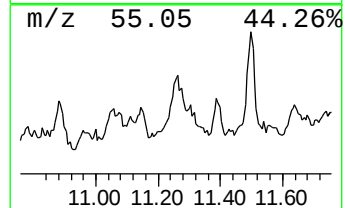
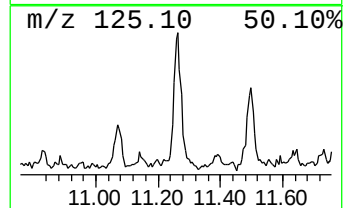
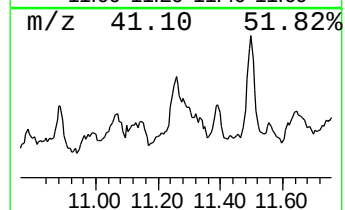
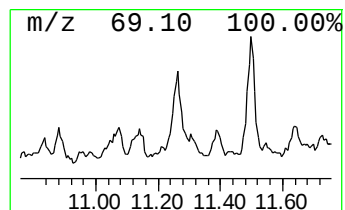
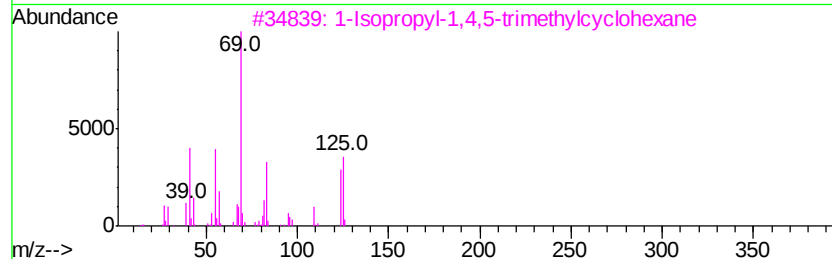
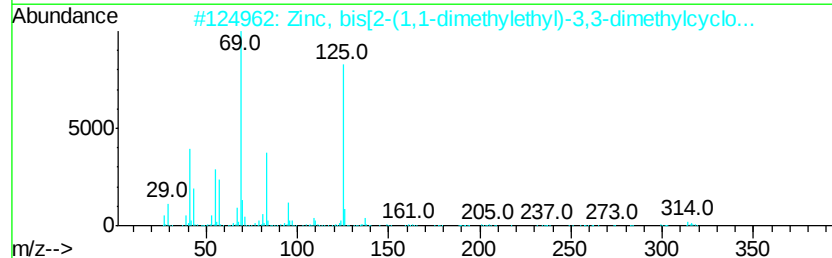
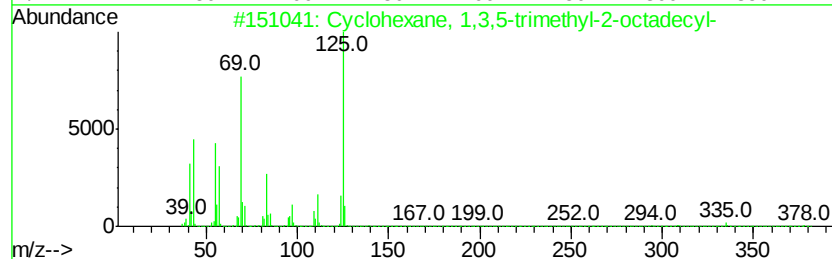
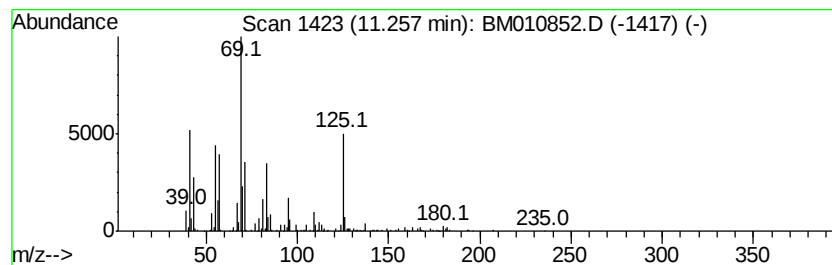
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclohexane, 1,3,5-trimethy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	11.63 ng	1750490	Naphthalene-d8	10.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3,5-trimethyl-2-o...	378	C27H54	055282-34-3	72
2		Zinc, bis[2-(1,1-dimethylethyl)-...	314	C18H34Zn	074793-36-5	64
3		1-Isopropyl-1,4,5-trimethylcyclo...	168	C12H24	219783-06-9	59
4		Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	53
5		Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	53



Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
Data File : BM010852.D
Acq On : 18 Jul 2017 01:45
Operator : SJ/JU
Sample : I4203-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

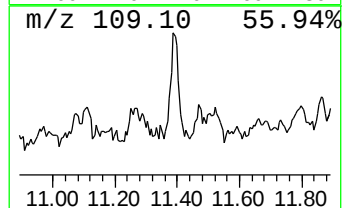
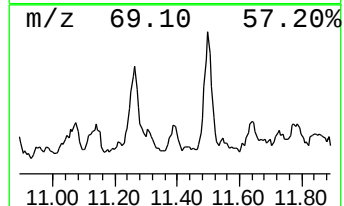
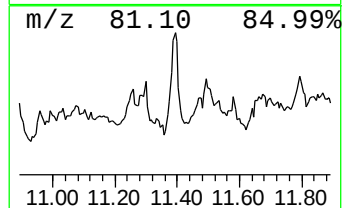
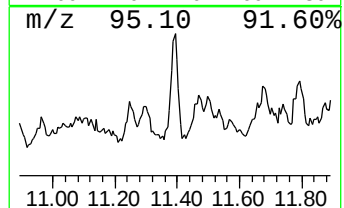
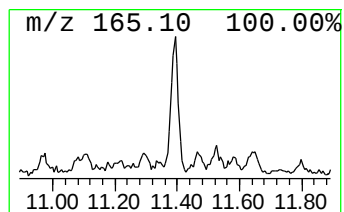
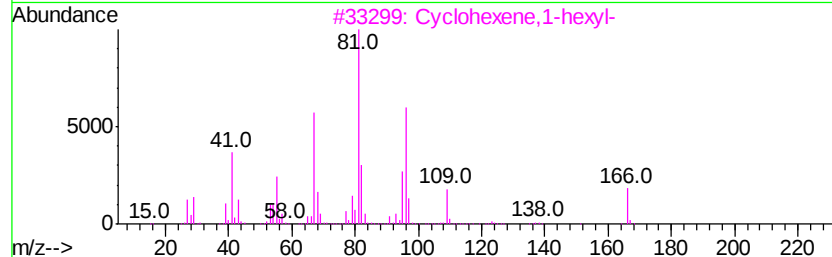
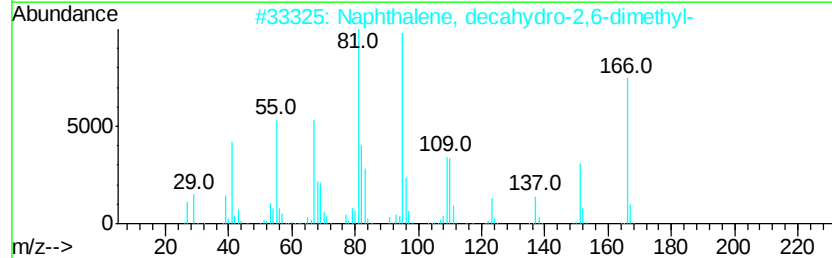
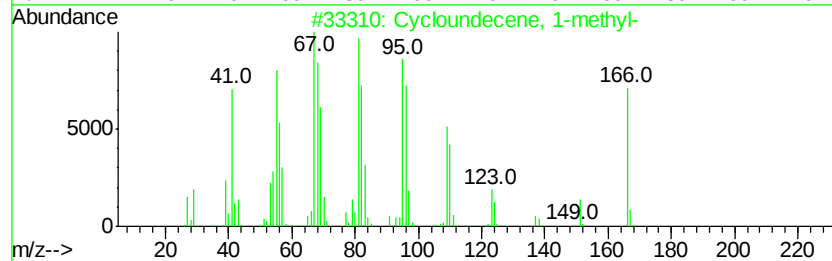
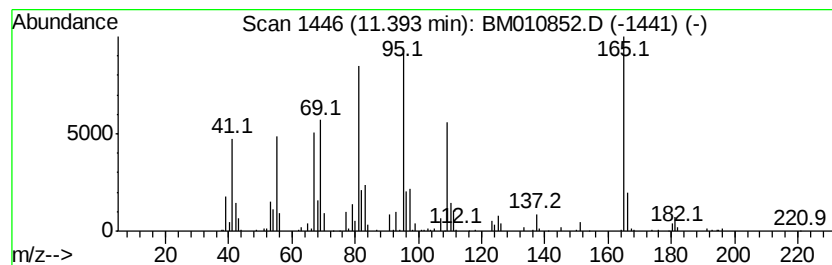
Instrument :
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ClientSampleId :
NB-SB04B

Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cycloundecene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	6.72 ng	1011100	Naphthalene-d8	10.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cycloundecene, 1-methyl-	166 C12H22	088828-82-4 58
2		Naphthalene, decahydro-2,6-dimet...	166 C12H22	001618-22-0 50
3		Cyclohexene,1-hexyl-	166 C12H22	003964-66-7 38
4		5,5-Dimethyl-1,3-hexadiene	110 C8H14	001515-79-3 25
5		1,4-Pentadiene, 2,3,3-trimethyl-	110 C8H14	000756-02-5 25



Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
Data File : BM010852.D
Acq On : 18 Jul 2017 01:45
Operator : SJ/JU
Sample : I4203-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

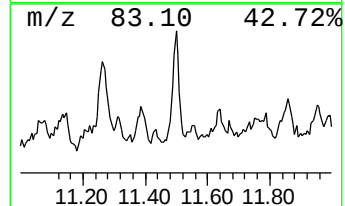
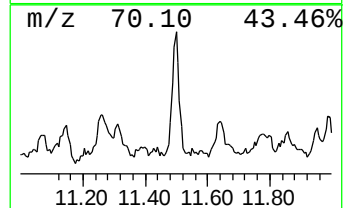
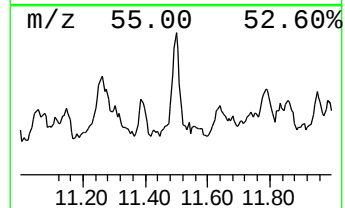
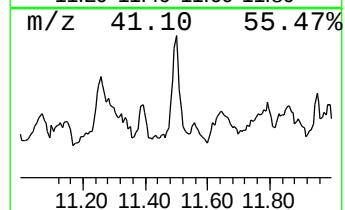
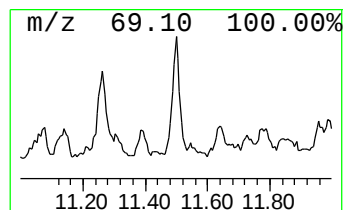
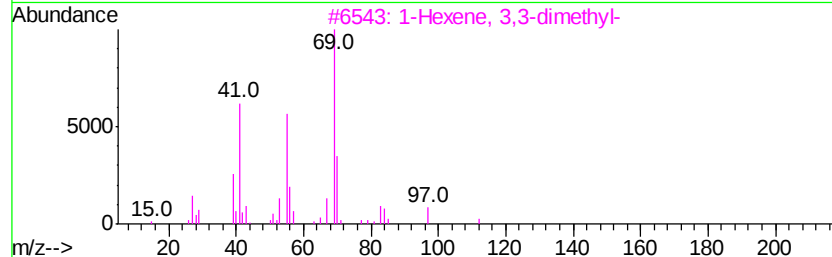
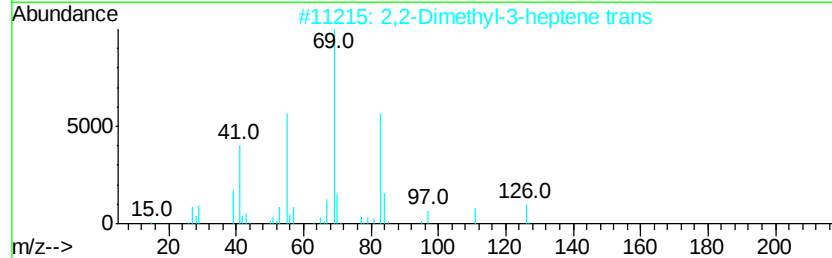
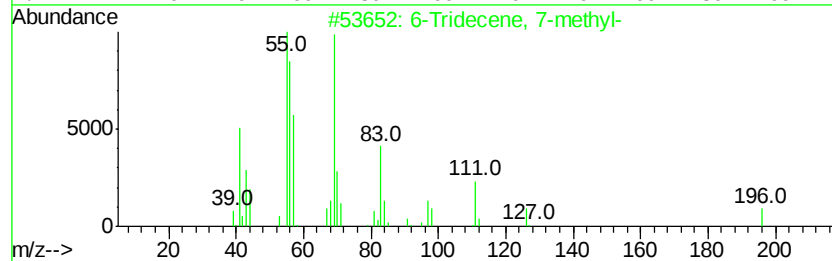
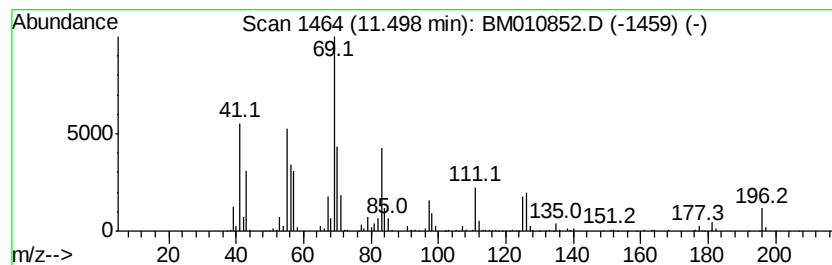
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 6-Tridecene, 7-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.50	13.84 ng	2083510	Napthalene-d8	10.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	74
2	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	52
3	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	46
4	Cyclopentane, ethyl-	98	C7H14	001640-89-7	43
5	Cyclotetradecane	196	C14H28	000295-17-0	41



Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
Data File : BM010852.D
Acq On : 18 Jul 2017 01:45
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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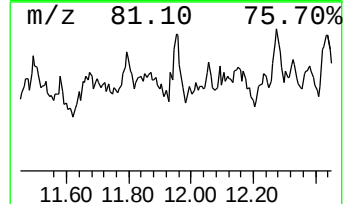
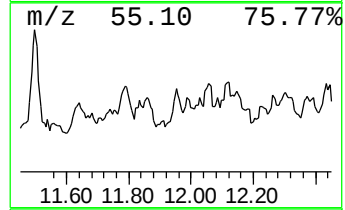
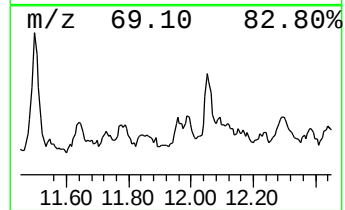
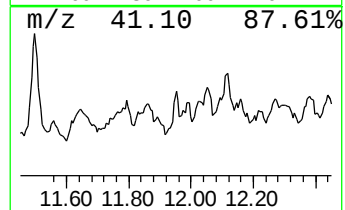
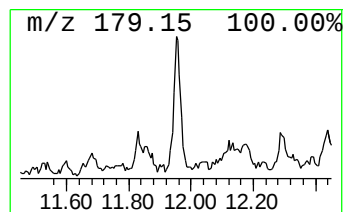
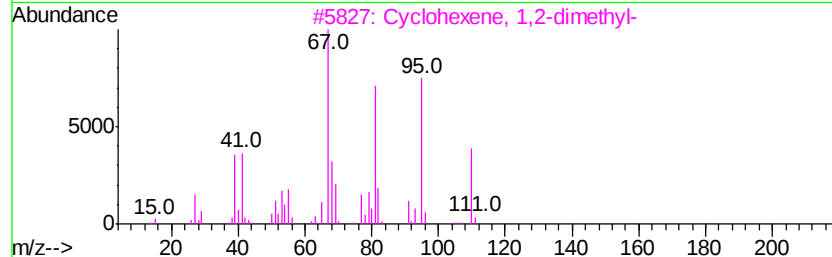
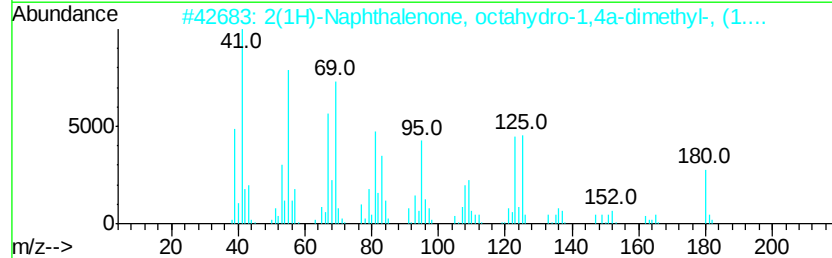
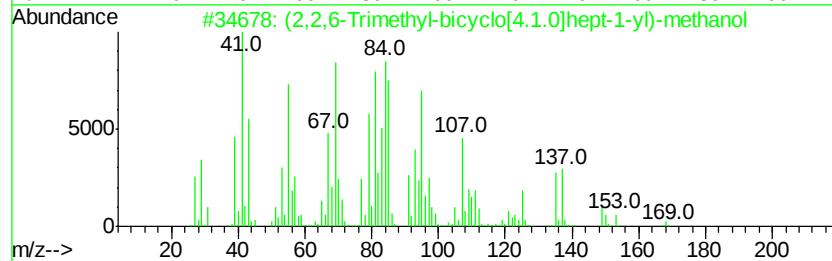
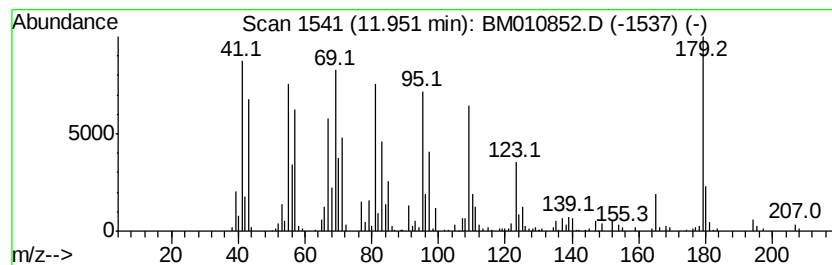
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown11.95 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	7.80 ng	1174740	Naphthalene-d8	10.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(2,2,6-Trimethyl-bicyclo[4.1.0]h...	168	C11H20O	078996-11-9	43
2			2(1H)-Naphthalenone, octahydro-1...	180	C12H20O	022738-31-4	38
3			Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	35
4			2H-Benzocyclohepten-2-one, decah...	180	C12H20O	055103-64-5	35
5			cis,cis-2,9-Dimethylspiro[5.5]un...	180	C13H24	095472-51-8	25



Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
Data File : BM010852.D
Acq On : 18 Jul 2017 01:45
Operator : SJ/JU
Sample : I4203-08
Misc :
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ClientSampleId :
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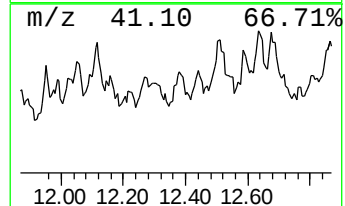
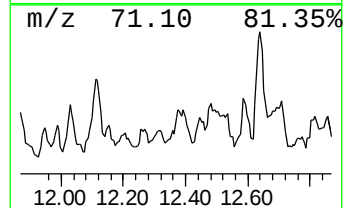
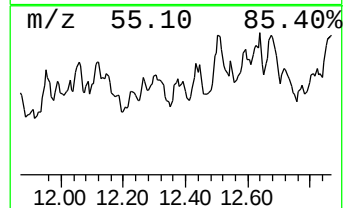
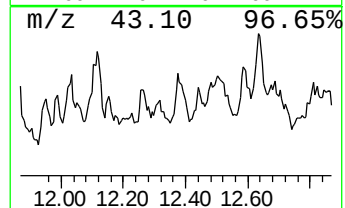
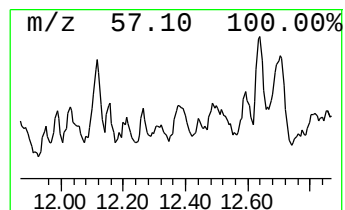
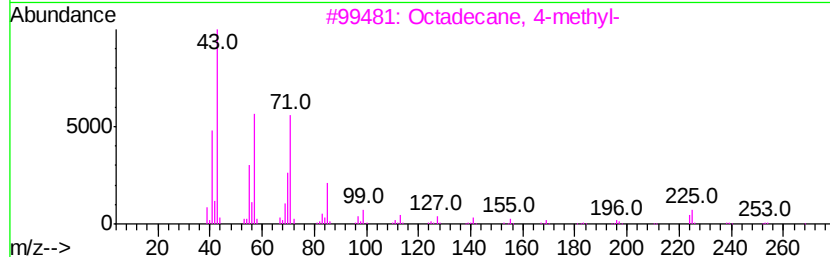
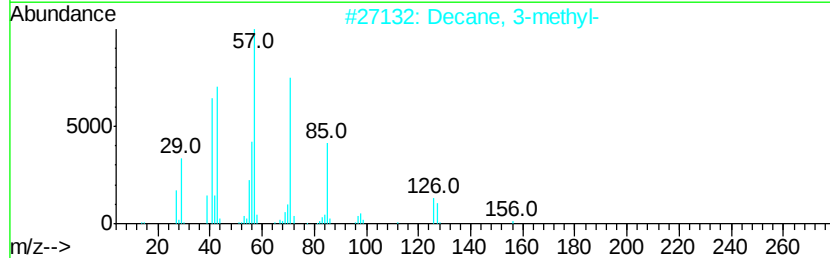
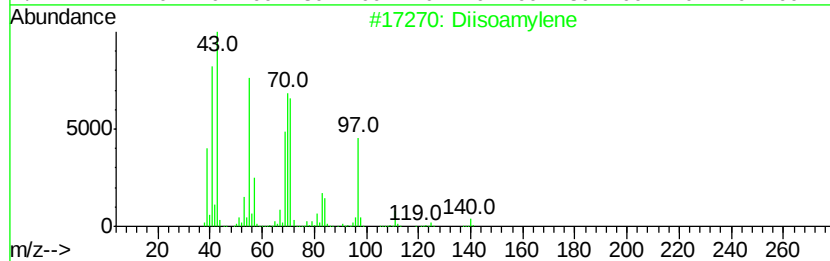
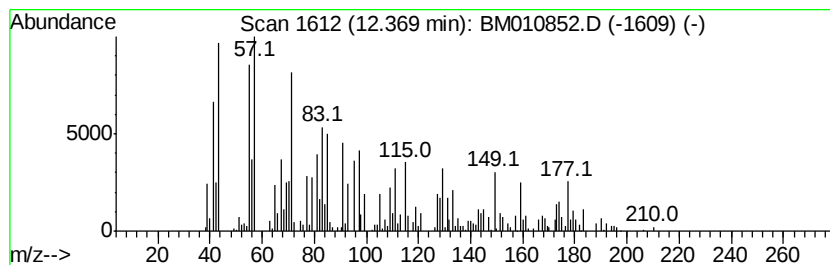
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown12.37 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	7.48 ng	1159480	Acenaphthene-d10	14.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diisoamylene	140	C10H20	054063-09-1	41
2		Decane, 3-methyl-	156	C11H24	013151-34-3	30
3		Octadecane, 4-methyl-	268	C19H40	010544-95-3	27
4		Decane, 2-methyl-	156	C11H24	006975-98-0	25
5		Cycloundecane, (1-methylethyl)-	196	C14H28	062338-56-1	25



Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
Data File : BM010852.D
Acq On : 18 Jul 2017 01:45
Operator : SJ/JU
Sample : I4203-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NB-SB04B

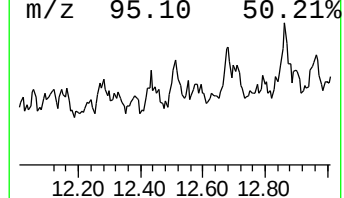
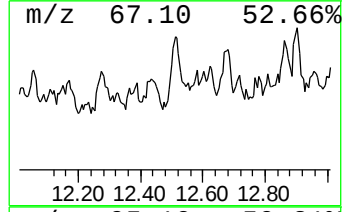
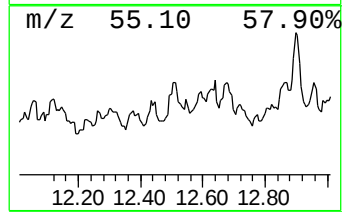
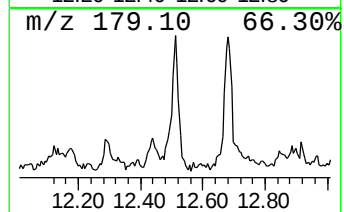
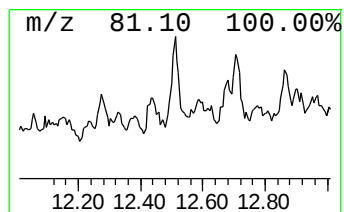
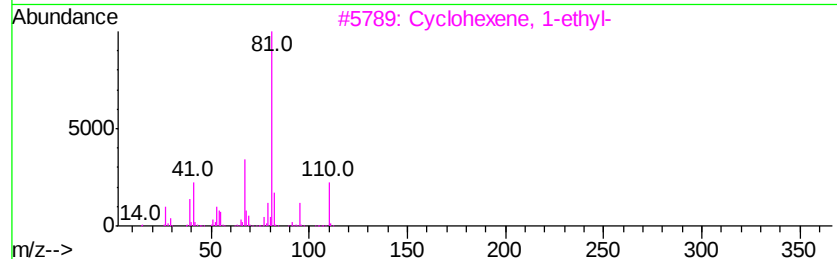
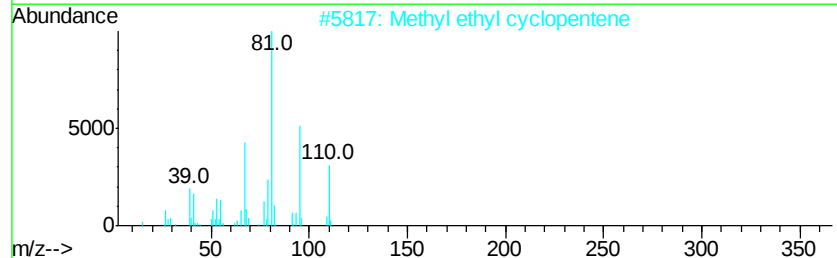
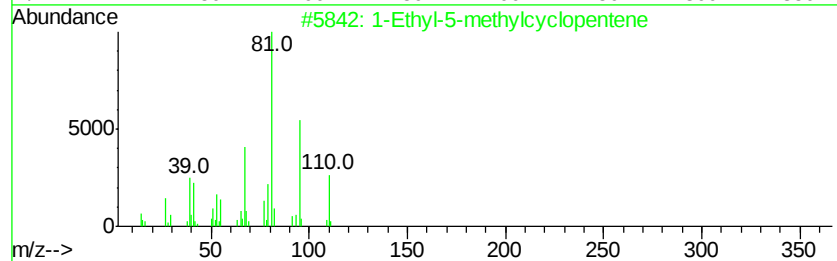
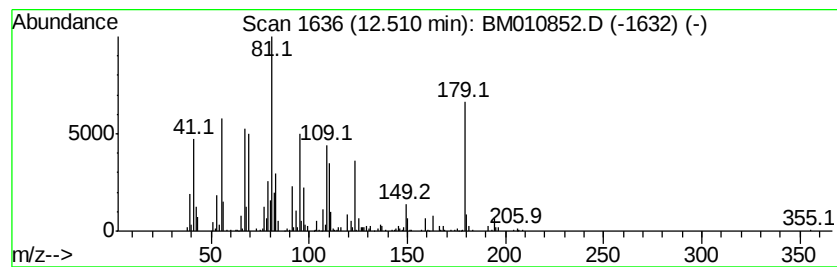
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1-Ethyl-5-methylcyclopentene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	9.28 ng	1437290	Acenaphthene-d10	14.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	55
2			Methyl ethyl cyclopentene	110	C8H14	019780-56-4	55
3			Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	38
4			Cyclohexan-1-ethanol, 1-hydroxym...	158	C9H18O2	003187-28-8	35
5			Cyclopropane, tetramethylmethylen-	110	C8H14	054376-39-5	35



Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
Data File : BM010852.D
Acq On : 18 Jul 2017 01:45
Operator : SJ/JU
Sample : I4203-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NB-SB04B

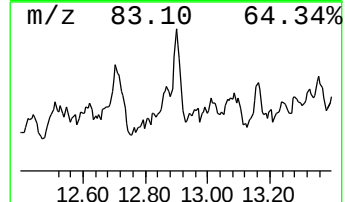
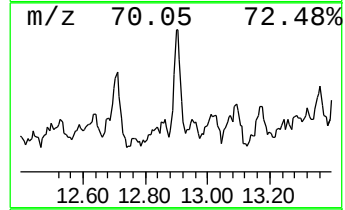
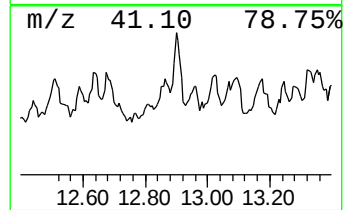
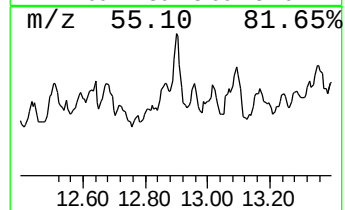
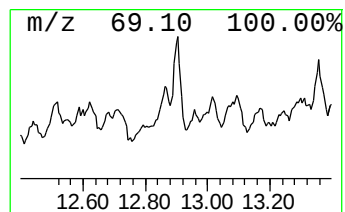
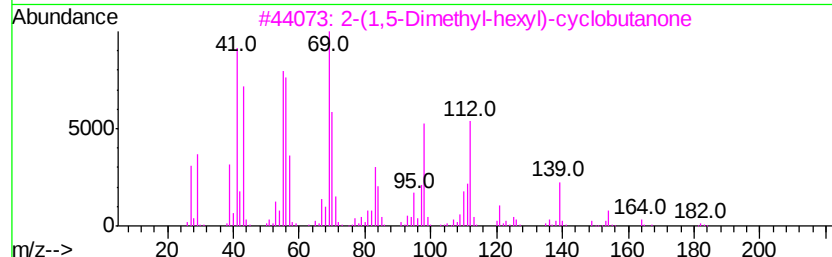
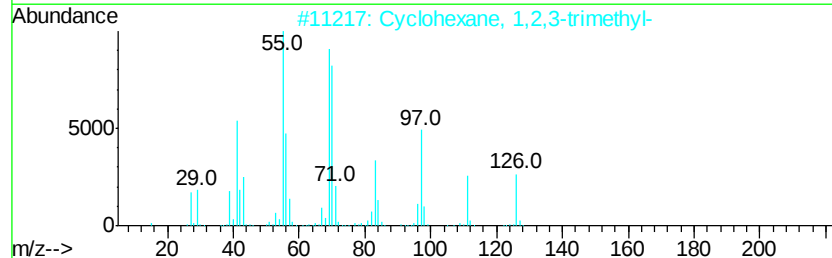
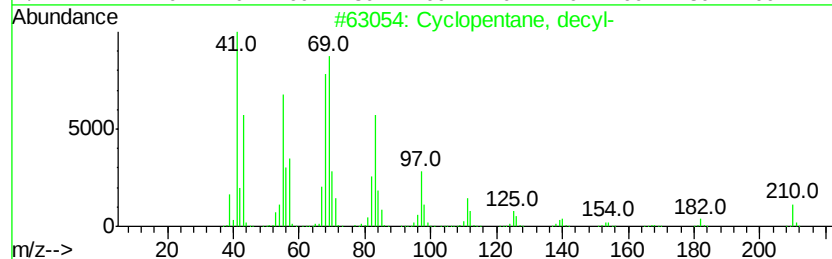
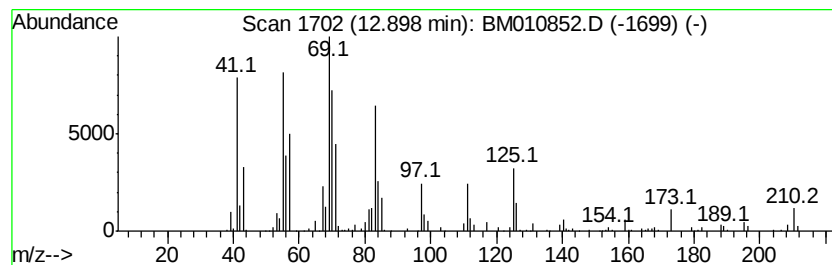
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclopentane, decyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	10.46 ng	1619960	Acenaphthene-d10	14.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, decyl-	210	C15H30	001795-21-7	52
2		Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	52
3		2-(1,5-Dimethyl-hexyl)-cyclobuta...	182	C12H22O	1000187-17-7	49
4		5-Dodecene, (Z)-	168	C12H24	007206-28-2	43
5		3-Dodecene, (E)-	168	C12H24	007239-23-8	43



Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
Data File : BM010852.D
Acq On : 18 Jul 2017 01:45
Operator : SJ/JU
Sample : I4203-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

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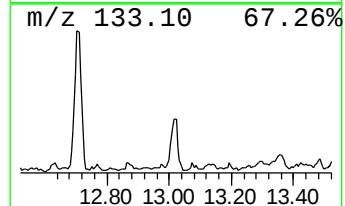
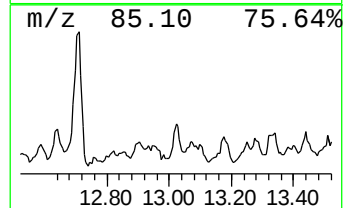
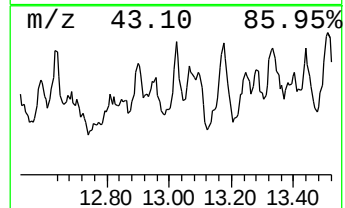
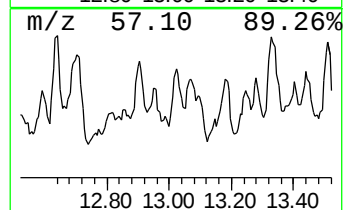
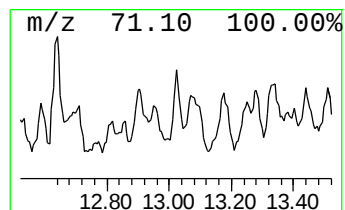
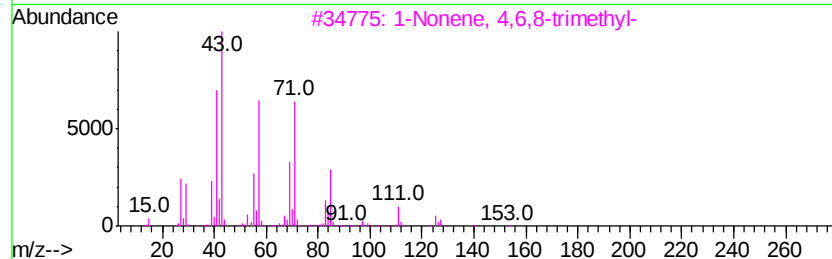
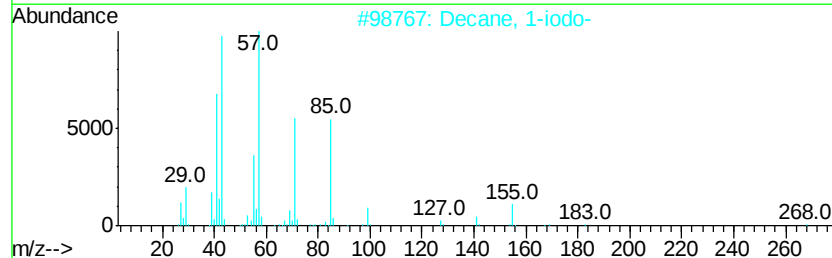
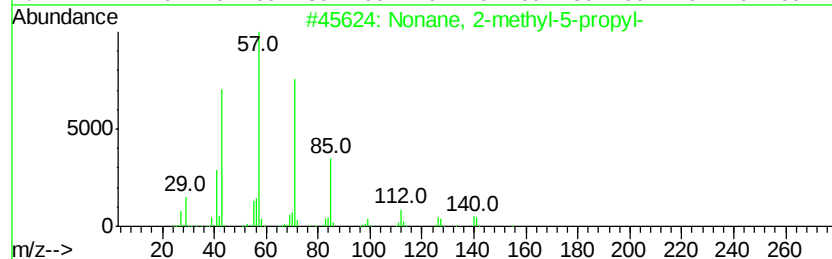
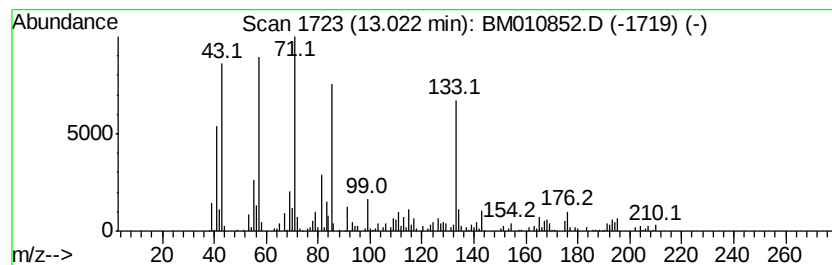
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown13.02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	6.70 ng	1037690	Acenaphthene-d10	14.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-5-propyl-			184	C13H28	031081-17-1	38
2	Decane, 1-iodo-			268	C10H21I	002050-77-3	38
3	1-Nonene, 4,6,8-trimethyl-			168	C12H24	054410-98-9	27
4	Hexane, 2,4-dimethyl-			114	C8H18	000589-43-5	25
5	Hexane, 2,3,5-trimethyl-			128	C9H20	001069-53-0	25



Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
Data File : BM010852.D
Acq On : 18 Jul 2017 01:45
Operator : SJ/JU
Sample : I4203-08
Misc :
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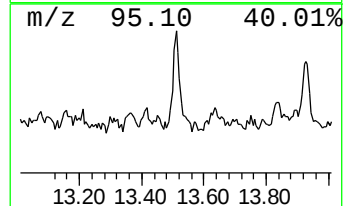
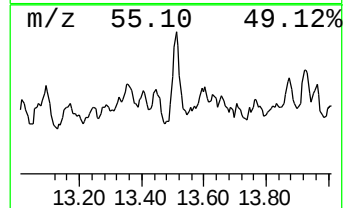
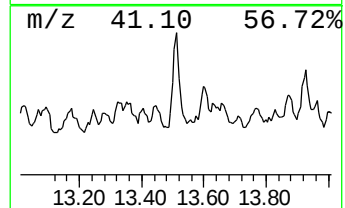
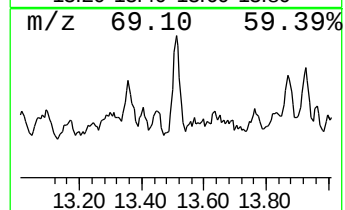
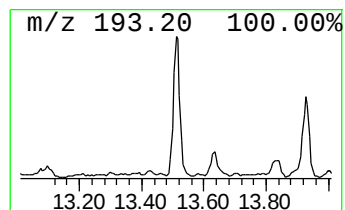
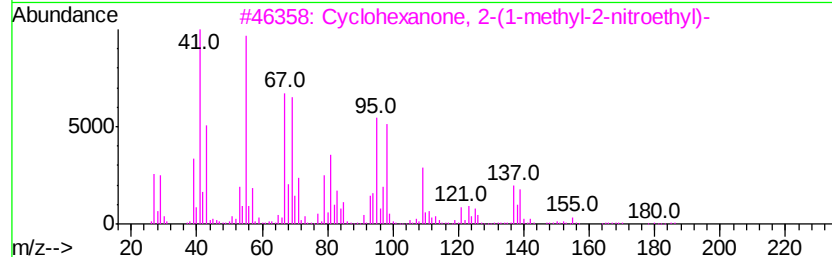
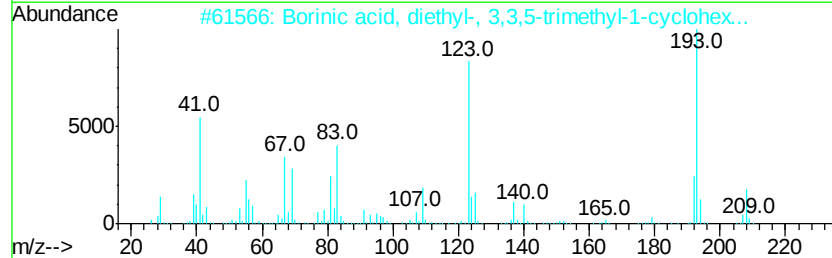
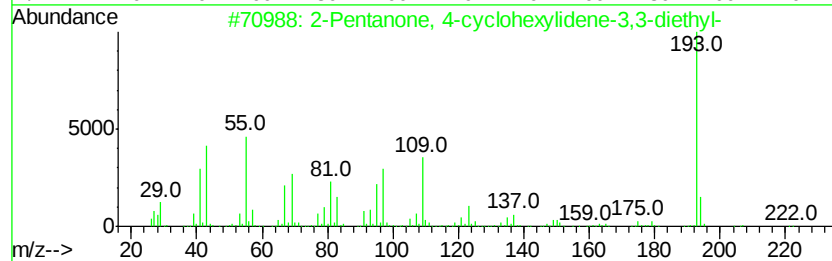
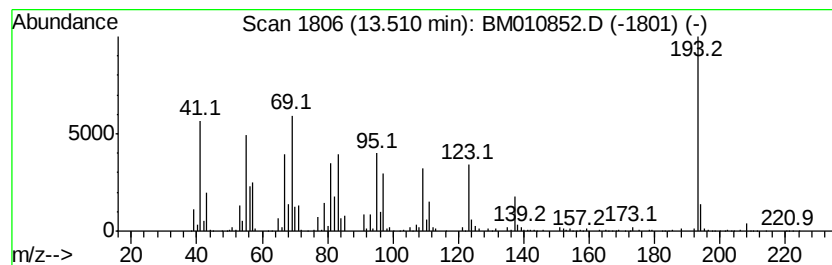
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 2-Pentanone, 4-cyclohexylidene-3... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	24.40 ng	3780340	Acenaphthene-d10	14.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Pentanone, 4-cvclohexvlidene-3...	222 C15H26O	313253-65-5	50
2	Borinic acid, diethyl-, 3,3,5-tr...	208 C13H25BO	057387-76-5	42
3	Cyclohexanone, 2-(1-methyl-2-nit...	185 C9H15NO3	019307-62-1	42
4	Decahydro-4,4,8,9,10-pentamethyl...	208 C15H28	080655-44-3	41
5	1-(P-FLUOROPHENYL)-4-PIPERIDONE	193 C11H12FNO	1000238-56-7	35



Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
Data File : BM010852.D
Acq On : 18 Jul 2017 01:45
Operator : SJ/JU
Sample : I4203-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

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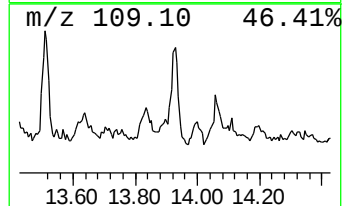
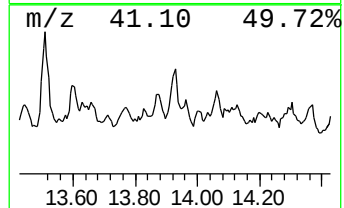
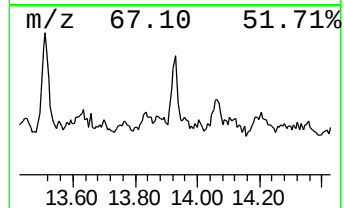
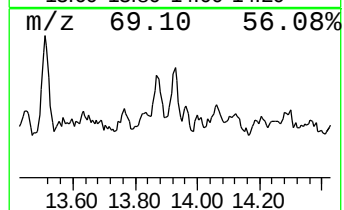
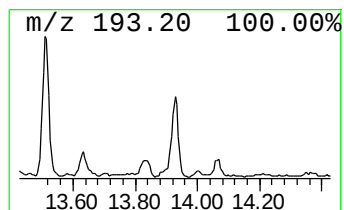
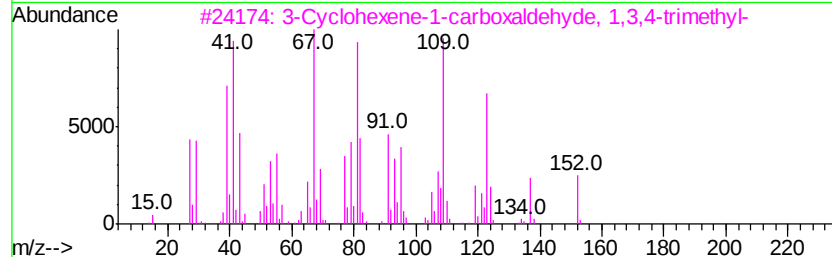
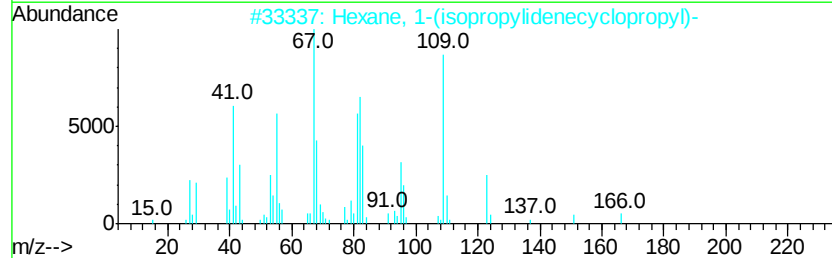
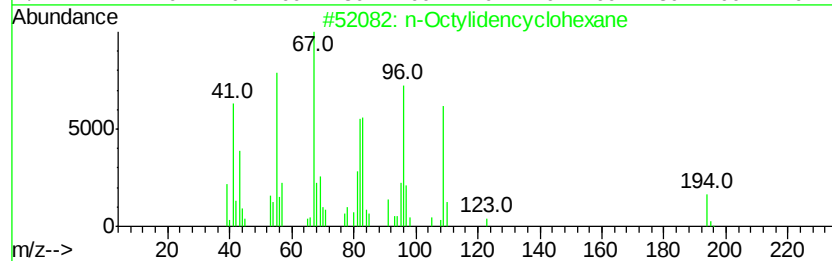
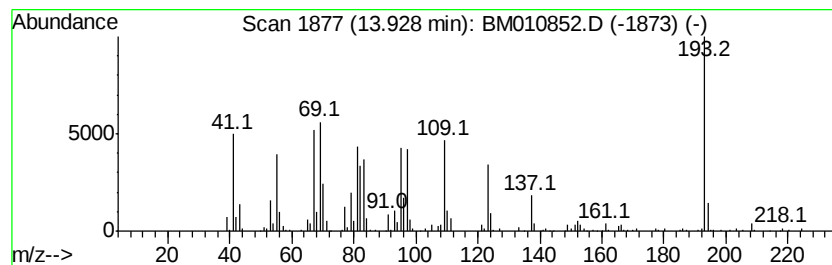
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown13.93 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	11.36 ng	1760880	Acenaphthene-d10	14.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Octylidencyclohexane	194	C14H26	137595-12-1	30
2		Hexane, 1-(isopropylidenecyclopropyl)-	166	C12H22	024524-53-6	30
3		3-Cyclohexene-1-carboxaldehyde, 1,3,4-trimethyl-	152	C10H16O	040702-26-9	27
4		Boronic acid, diethyl-, 3,3,5-trimethyl-	208	C13H25BO	057387-76-5	25
5		3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	25



Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
Data File : BM010852.D
Acq On : 18 Jul 2017 01:45
Operator : SJ/JU
Sample : I4203-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

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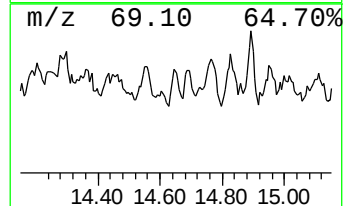
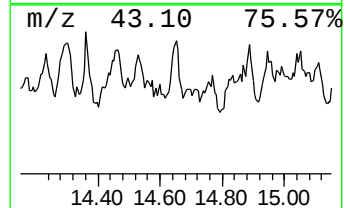
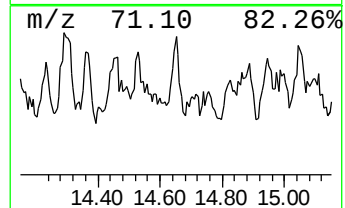
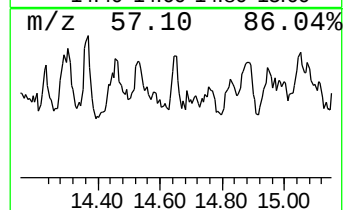
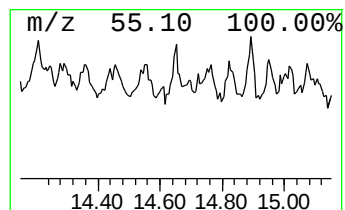
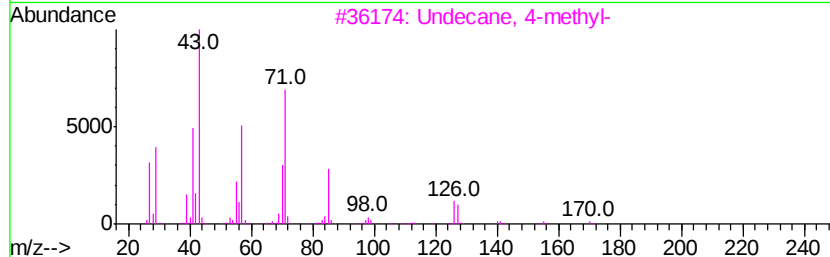
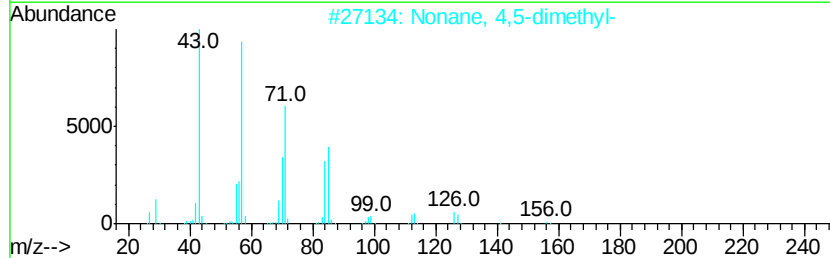
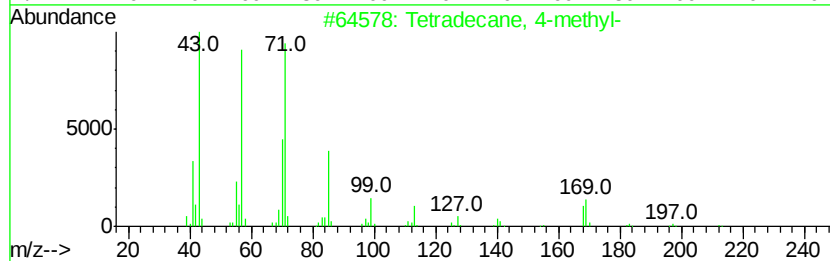
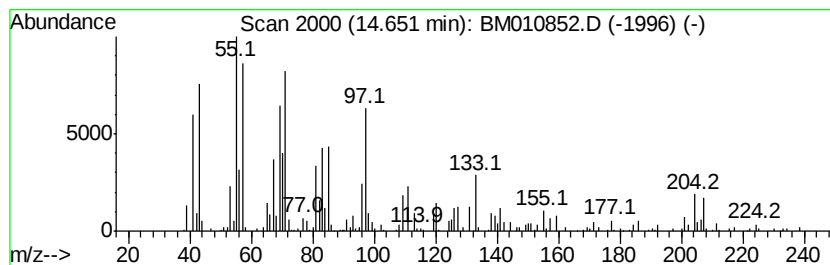
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown14.65 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	6.03 ng	934716	Acenaphthene-d10	14.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 4-methyl-	212	C15H32	025117-24-2	46
2			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	43
3			Undecane, 4-methyl-	170	C12H26	002980-69-0	43
4			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	43
5			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
Data File : BM010852.D
Acq On : 18 Jul 2017 01:45
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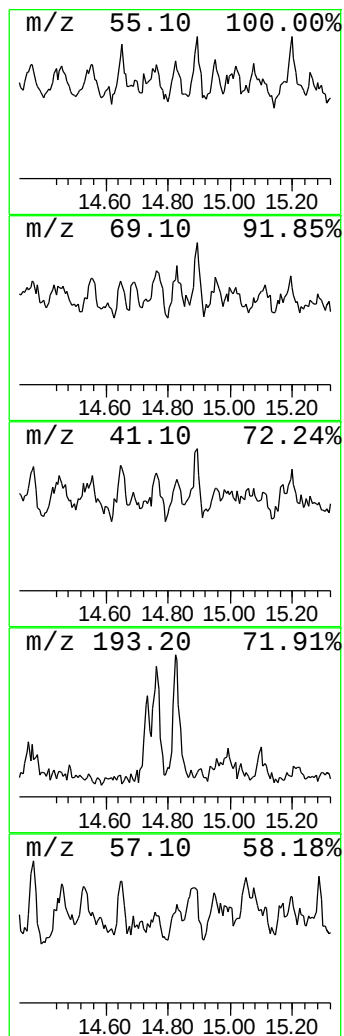
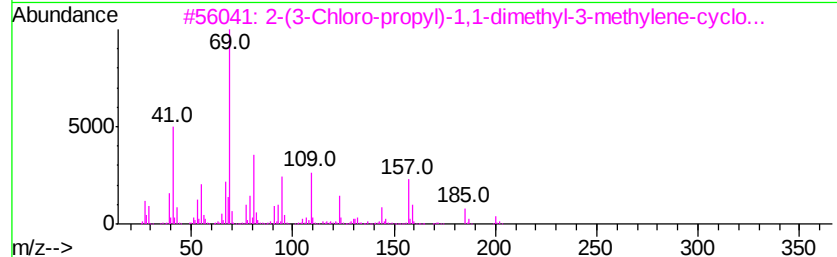
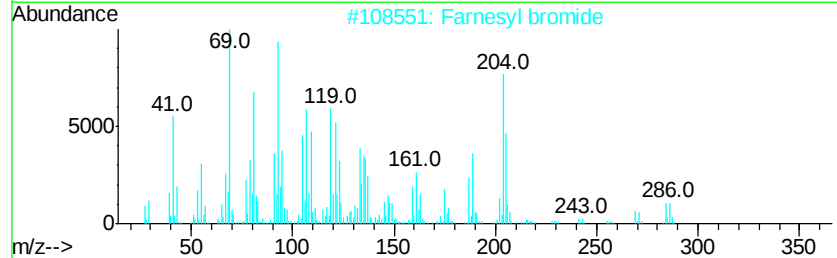
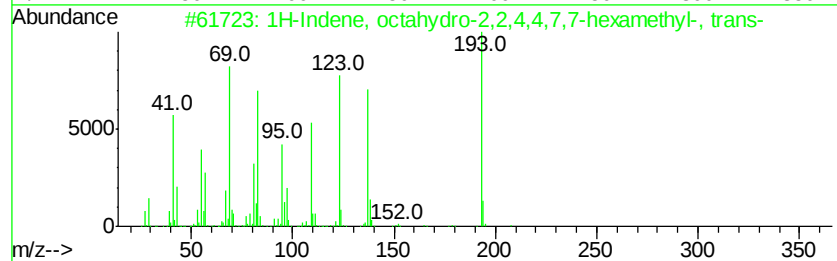
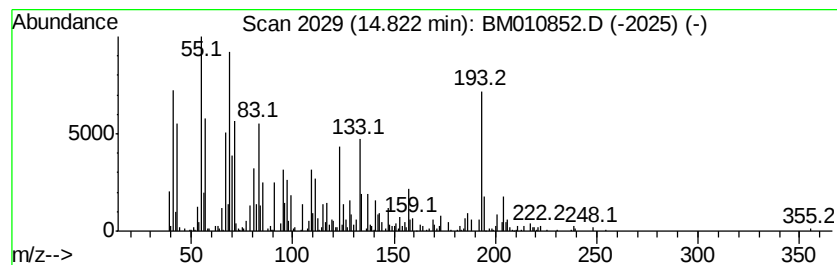
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown14.82 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	8.16 ng	1264540	Acenaphthene-d10	14.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H-Indene, octahydro-2,2,4,4,7,7...	208 C15H28	054832-83-6 49
2		Farnesyl bromide	284 C15H25Br	006874-67-5 35
3		2-(3-Chloro-propyl)-1,1-dimethyl...	200 C12H21Cl	1000191-45-6 22
4		4-n-Pentylthiane, S,S-dioxide	204 C10H20O2S	065865-33-0 14
5		Nonane, 1,9-dibromo-	284 C9H18Br2	004549-33-1 14



Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
Data File : BM010852.D
Acq On : 18 Jul 2017 01:45
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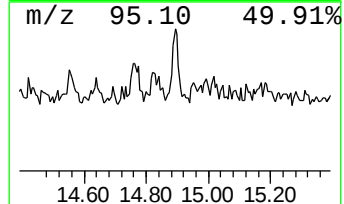
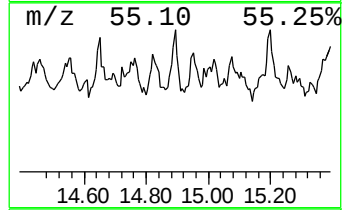
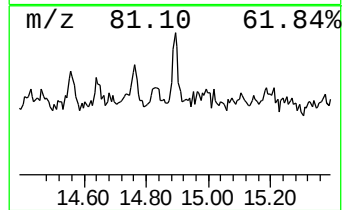
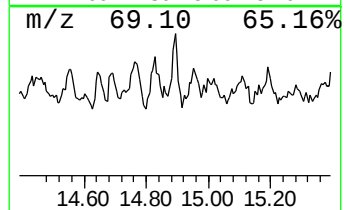
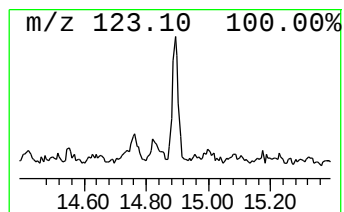
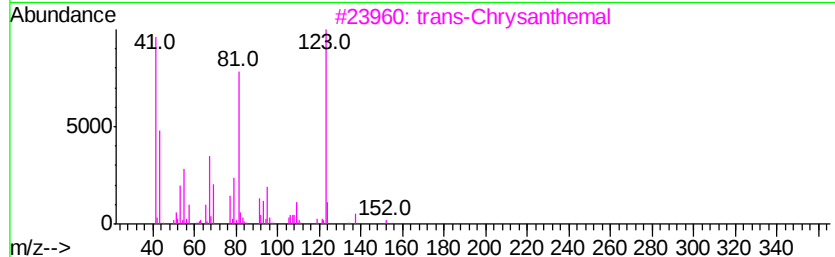
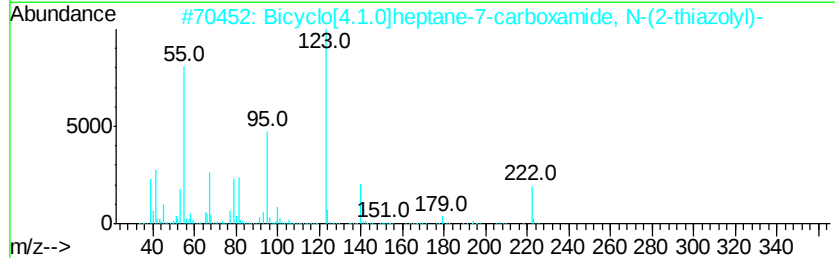
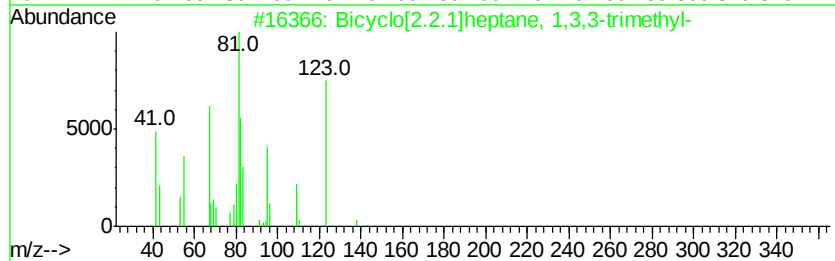
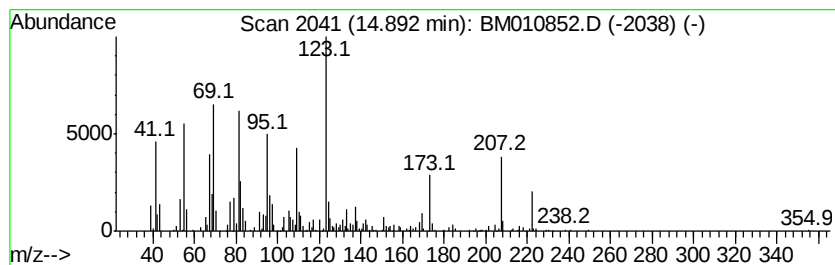
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown14.89 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.89	8.12 ng	1258560	Acenaphthene-d10	14.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	38
2	Bicyclo[4.1.0]heptane-7-carboxam...	222	C11H14N2OS	329912-72-3	38
3	trans-Chrysanthemal	152	C10H16O	020104-05-6	38
4	Bromo-4-fluoroacetophenone	216	C8H6BrFO	000403-29-2	30
5	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	30



Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
Data File : BM010852.D
Acq On : 18 Jul 2017 01:45
Operator : SJ/JU
Sample : I4203-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NB-SB04B

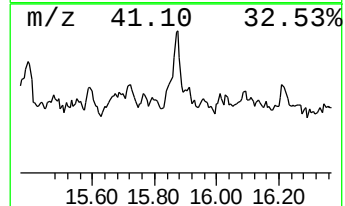
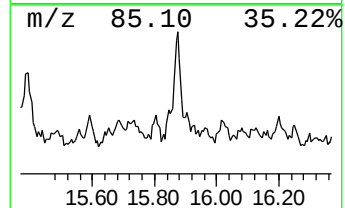
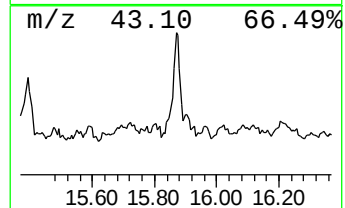
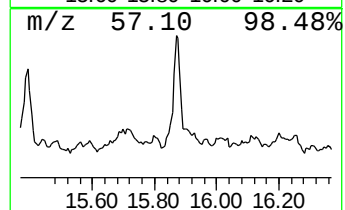
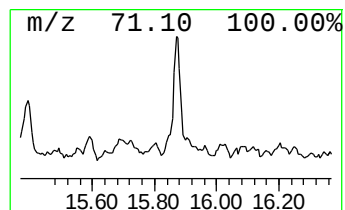
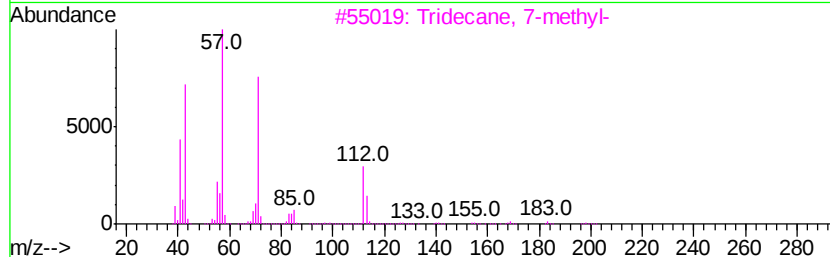
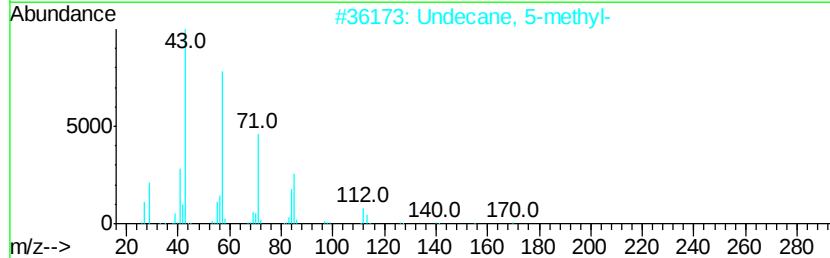
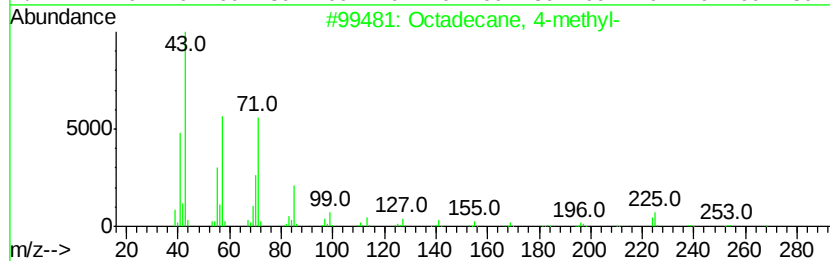
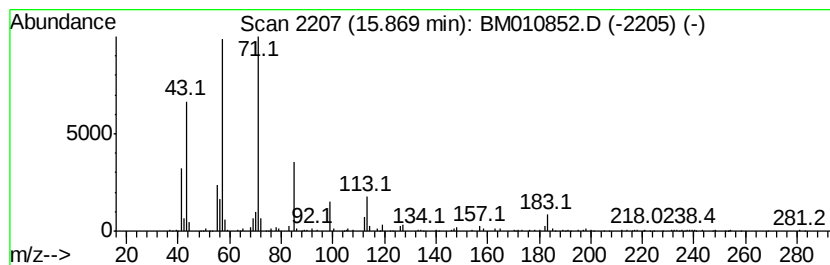
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecane, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	7.46 ng	1320430	Phenanthrene-d10	16.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 4-methyl-	268	C19H40	010544-95-3	64
2			Undecane, 5-methyl-	170	C12H26	001632-70-8	64
3			Tridecane, 7-methyl-	198	C14H30	026730-14-3	58
4			Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	58
5			Hexadecane	226	C16H34	000544-76-3	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071717\
 Data File : BM010852.D
 Acq On : 18 Jul 2017 01:45
 Operator : SJ/JU
 Sample : I4203-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-SB04B

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.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...	4.64	9.5 ng		803219	1	7.45	1688820	20.0
unknown6.99	6.99	114.6 ng		9678670	1	7.45	1688820	20.0
1-Isopropyl-1,4,5...	8.52	7.2 ng		611353	1	7.45	1688820	20.0
Cyclohexane, 2-bu...	10.70	13.3 ng		2007980	2	10.20	3010600	20.0
unknown10.89	10.89	8.2 ng		1226330	2	10.20	3010600	20.0
Cyclohexane, 1,3,...	11.26	11.6 ng		1750490	2	10.20	3010600	20.0
Cycloundecene, 1-...	11.39	6.7 ng		1011100	2	10.20	3010600	20.0
6-Tridecene, 7-me...	11.50	13.8 ng		2083510	2	10.20	3010600	20.0
unknown11.95	11.95	7.8 ng		1174740	2	10.20	3010600	20.0
unknown12.37	12.37	7.5 ng		1159480	3	14.09	3098870	20.0
1-Ethyl-5-methylc...	12.51	9.3 ng		1437290	3	14.09	3098870	20.0
Cyclopentane, decyl-	12.90	10.5 ng		1619960	3	14.09	3098870	20.0
unknown13.02	13.02	6.7 ng		1037690	3	14.09	3098870	20.0
2-Pentanone, 4-cy...	13.51	24.4 ng		3780340	3	14.09	3098870	20.0
unknown13.93	13.93	11.4 ng		1760880	3	14.09	3098870	20.0
unknown14.65	14.65	6.0 ng		934716	3	14.09	3098870	20.0
unknown14.82	14.82	8.2 ng		1264540	3	14.09	3098870	20.0
unknown14.89	14.89	8.1 ng		1258560	3	14.09	3098870	20.0
Octadecane, 4-met...	15.87	7.5 ng		1320430	4	16.85	3540180	20.0