

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083289.D
 Acq On : 25 Nov 2015 22:48
 Operator : UM/IZ
 Sample : G4567-05 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-GRAB1

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-BF112115.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	4.684	234	236	243	rBV	107512	193619	1.80%	0.306%
2	5.176	277	279	287	rBV	252488	323919	3.00%	0.513%
3	6.250	371	373	381	rBV2	333087	746383	6.92%	1.181%
4	6.365	381	383	386	rVV	269631	384789	3.57%	0.609%
5	6.467	390	392	400	rVB	233103	332733	3.09%	0.527%
6	6.582	400	402	404	rBV	851351	896225	8.31%	1.418%
7	6.742	414	416	417	rBV	307872	280698	2.60%	0.444%
8	6.845	420	425	430	rBV2	66521	199181	1.85%	0.315%
9	7.016	436	440	445	rBV3	164597	403728	3.74%	0.639%
10	7.153	449	452	456	rBV	284368	368518	3.42%	0.583%
11	7.256	459	461	468	rVB	394707	503434	4.67%	0.797%
12	7.679	489	498	503	rBV	354348	974823	9.04%	1.543%
13	7.873	513	515	519	rBV2	1136716	1271882	11.80%	2.013%
14	8.285	544	551	553	rBV	607580	998671	9.26%	1.580%
15	8.593	575	578	579	rVB	186574	258214	2.39%	0.409%
16	8.685	585	586	590	rVB	217876	237768	2.21%	0.376%
17	8.833	597	599	601	rBV2	289566	390701	3.62%	0.618%
18	8.925	605	607	608	rBV	178154	245494	2.28%	0.389%
19	8.959	608	610	612	rVB	302782	365484	3.39%	0.578%
20	9.028	614	616	617	rBV	380797	442998	4.11%	0.701%
21	9.222	630	633	634	rBV	249367	446925	4.14%	0.707%
22	9.291	637	639	642	rBV	457495	725190	6.73%	1.148%
23	9.336	642	643	644	rBV	1139486	878598	8.15%	1.390%
24	9.371	644	646	647	rBV2	286366	397214	3.68%	0.629%
25	9.462	652	654	655	rBV2	346216	418419	3.88%	0.662%
26	9.496	655	657	658	rBV2	612269	994229	9.22%	1.573%
27	9.542	659	661	663	rVB	1651130	1571186	14.57%	2.487%
28	9.576	663	664	666	rBV	551395	854008	7.92%	1.352%
29	9.622	666	668	670	rVB3	1182154	1754033	16.27%	2.776%
30	9.668	670	672	674	rBV3	478159	675776	6.27%	1.069%
31	9.736	676	678	682	rBV4	286365	682797	6.33%	1.081%
32	9.793	682	683	684	rBV	380271	449303	4.17%	0.711%
33	9.839	685	687	688	rBV	400020	418969	3.89%	0.663%
34	9.873	688	690	692	rVB2	450834	397884	3.69%	0.630%

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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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.908	692	693	695	rBV2	1340253	1063170	9.86%	1.683%
36	9.965	695	698	700	rBV4	1094811	2219379	20.58%	3.512%
37	9.999	700	701	703	rBV2	751004	1189355	11.03%	1.882%
38	10.033	703	704	706	rBV2	2266439	2264338	21.00%	3.583%
39	10.091	706	709	711	rBV3	658560	1294151	12.00%	2.048%
40	10.171	715	716	717	rBV	816668	937308	8.69%	1.483%
41	10.308	726	728	730	rBV	2265388	3497644	32.44%	5.535%
42	10.422	736	738	740	rBV2	1283949	1847389	17.13%	2.924%
43	10.582	747	752	754	rBV2	5896623	10782632	100.00%	17.064%
44	11.051	792	793	796	rVB	2545108	3553035	32.95%	5.623%
45	15.748	1202	1204	1211	rVB	2637842	6893702	63.93%	10.910%
46	16.114	1233	1236	1241	rVB	3223438	7162621	66.43%	11.335%

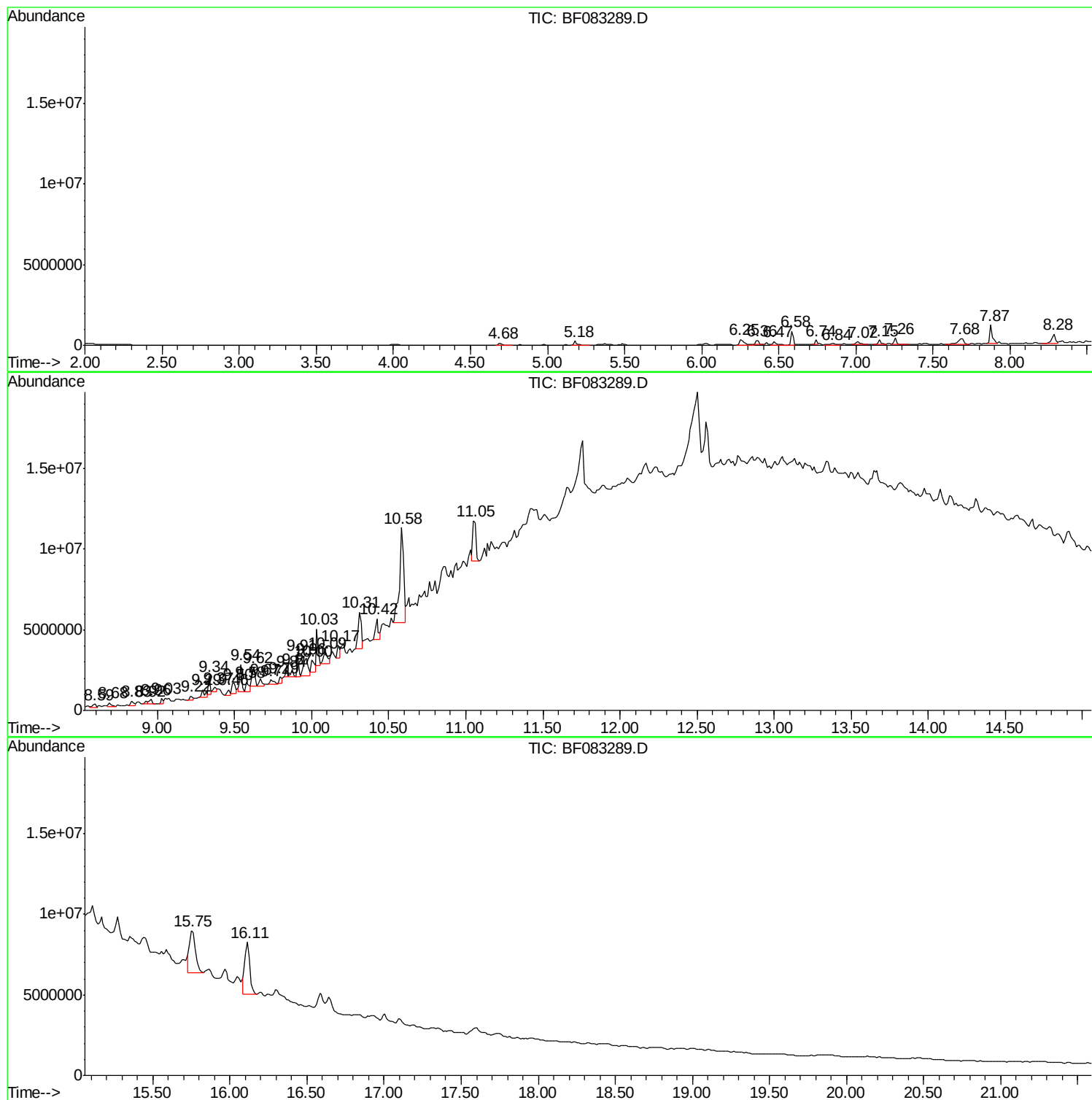
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Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
BNA_F
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STOCKPILE-GRAB1

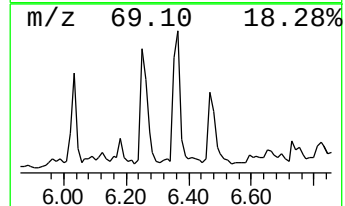
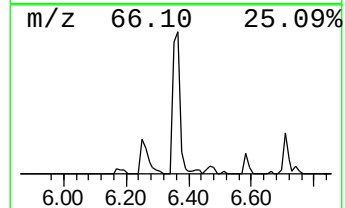
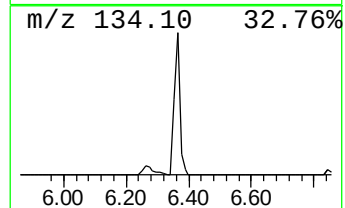
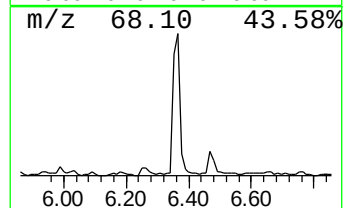
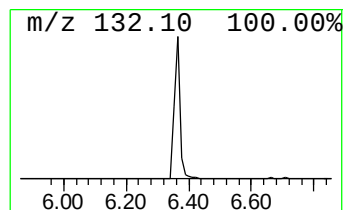
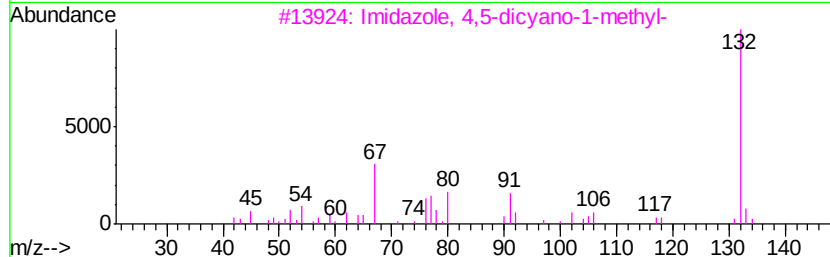
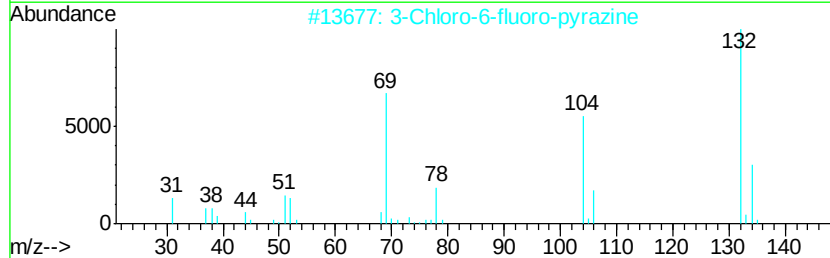
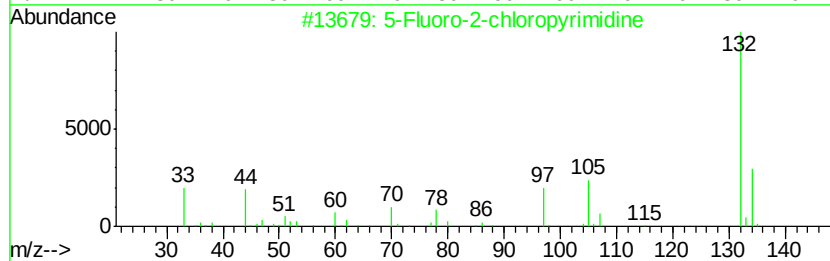
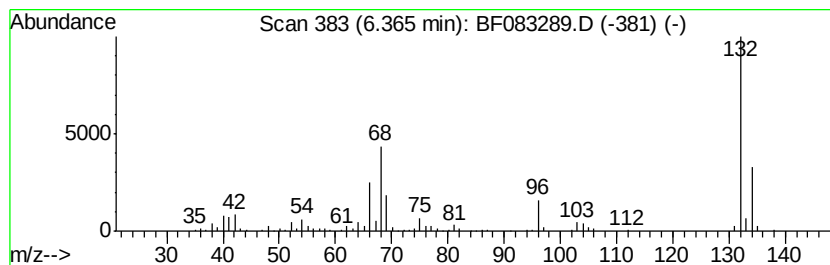
Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.36 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	8.59 ng	384789	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
4		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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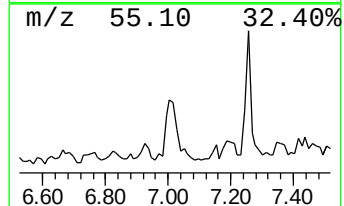
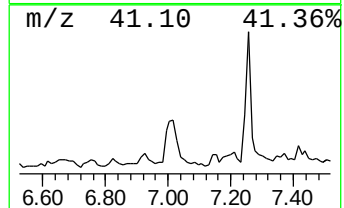
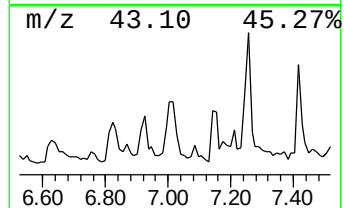
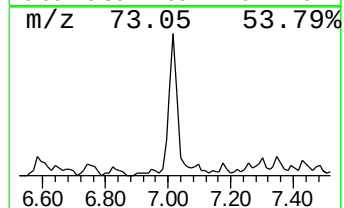
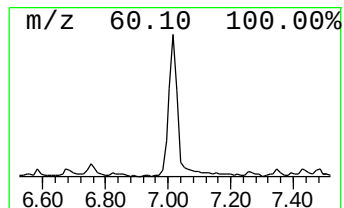
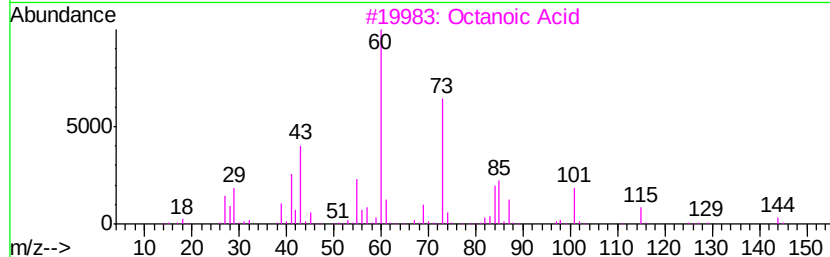
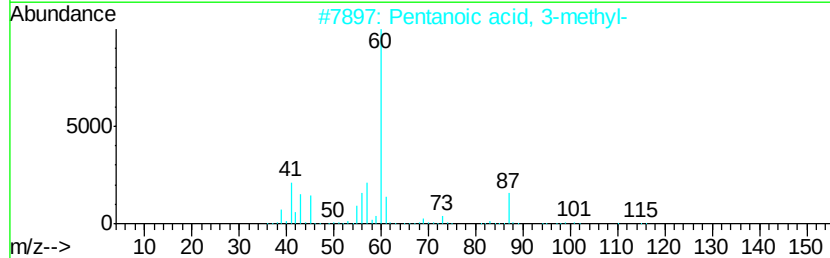
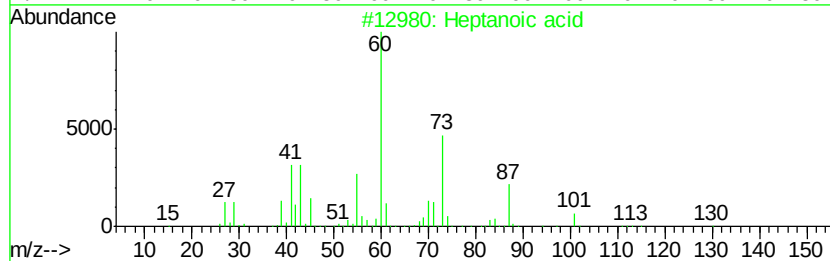
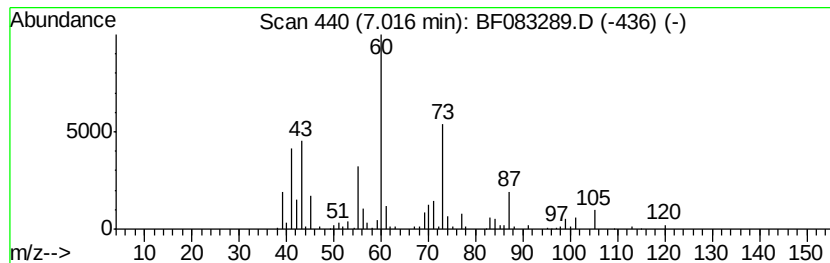
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Heptanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	9.01 ng	403728	1,4-Dichlorobenzene-d4	6.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid		130	C7H14O2	000111-14-8	86
2	Pentanoic acid, 3-methyl-		116	C6H12O2	000105-43-1	50
3	Octanoic Acid		144	C8H16O2	000124-07-2	50
4	Butanoic acid, 3-methyl-		102	C5H10O2	000503-74-2	50
5	Hexanoic acid		116	C6H12O2	000142-62-1	45



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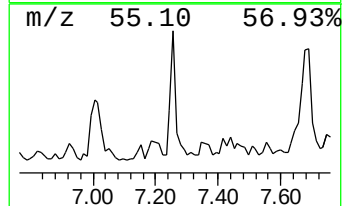
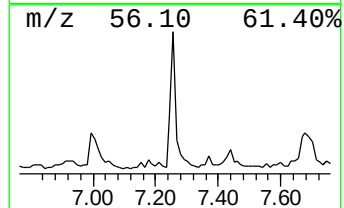
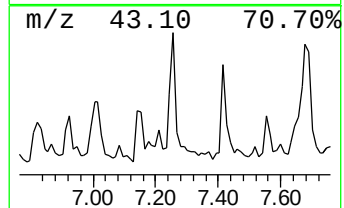
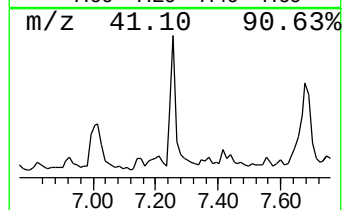
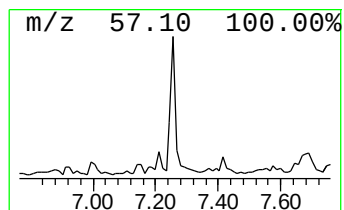
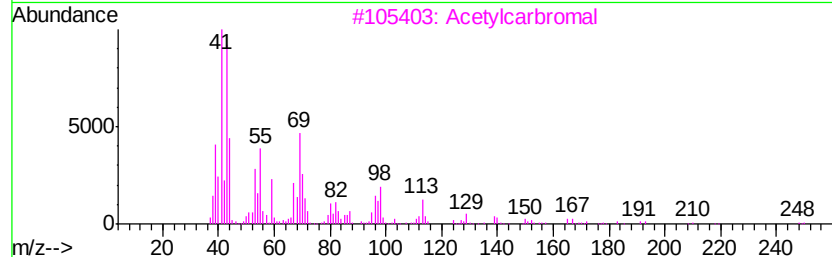
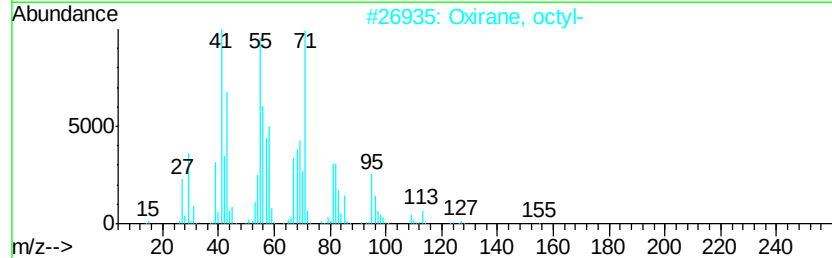
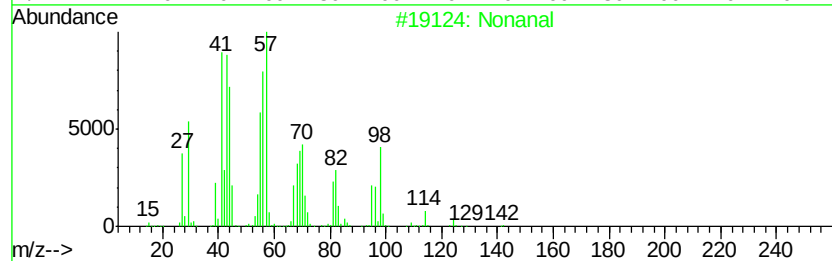
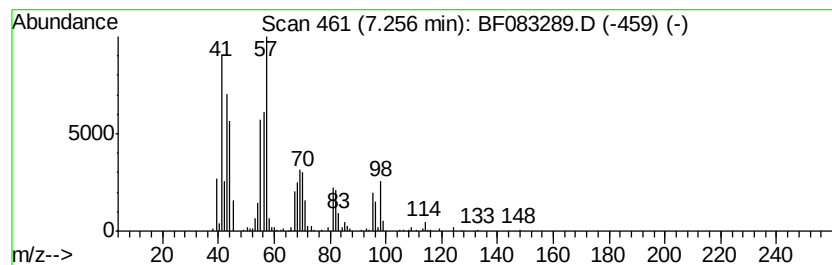
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Nonanal Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	7.92 ng	503434	Naphthalene-d8	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonanal	142	C9H18O	000124-19-6	86
2		Oxirane, octyl-	156	C10H20O	002404-44-6	43
3		Acetylcarbromal	278	C9H15BrN2O3	000077-66-7	38
4		2-Hexene, 5-methyl-, (E)-	98	C7H14	007385-82-2	27
5		2-Nonen-1-ol, (E)-	142	C9H18O	031502-14-4	27



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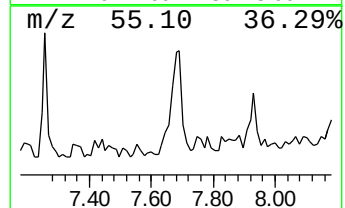
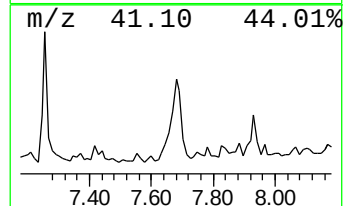
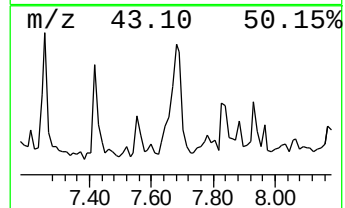
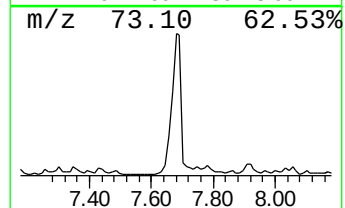
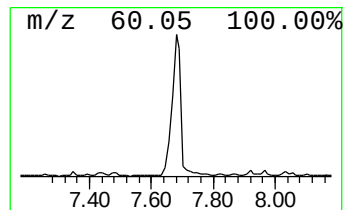
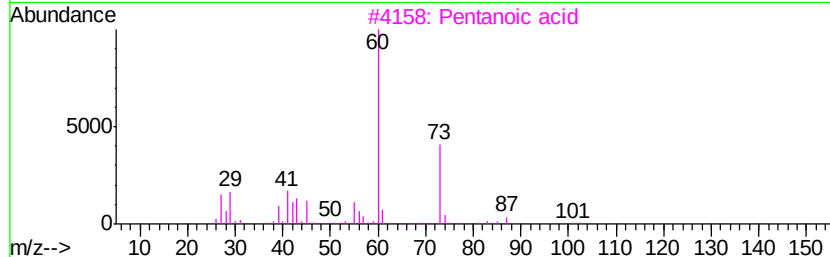
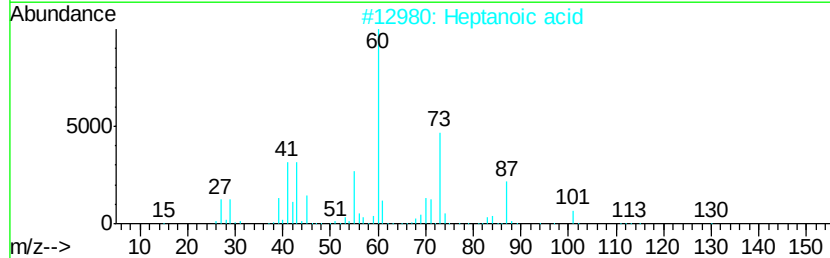
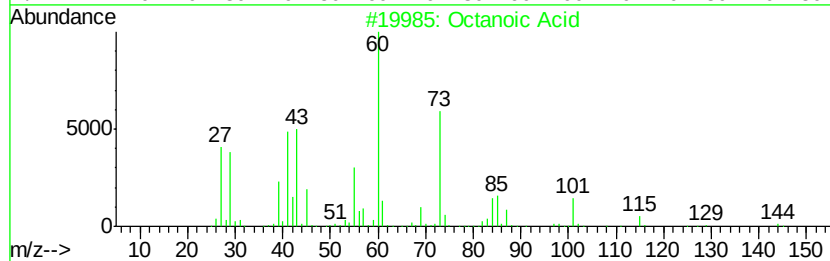
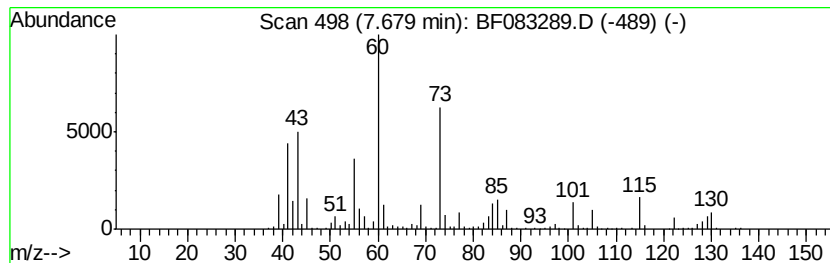
Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octanoic Acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	15.33 ng	974823	Naphthalene-d8	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octanoic Acid	144	C8H16O2	000124-07-2	86
2		Heptanoic acid	130	C7H14O2	000111-14-8	59
3		Pentanoic acid	102	C5H10O2	000109-52-4	53
4		Hexanoic acid	116	C6H12O2	000142-62-1	52
5		Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	45



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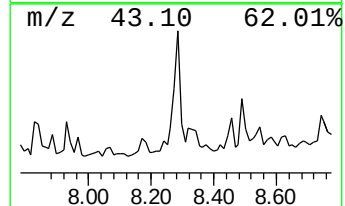
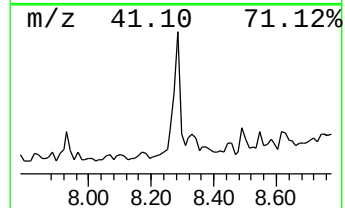
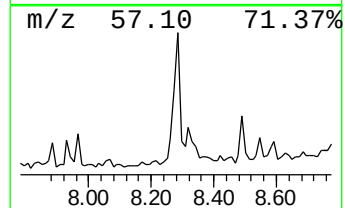
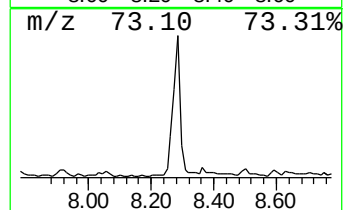
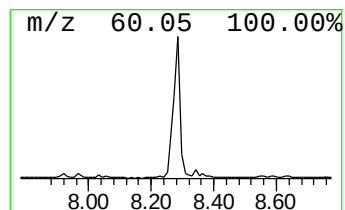
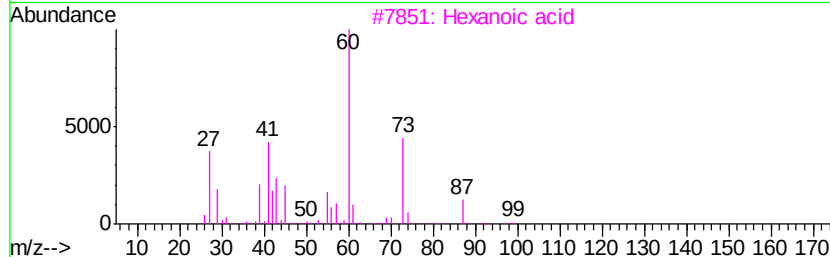
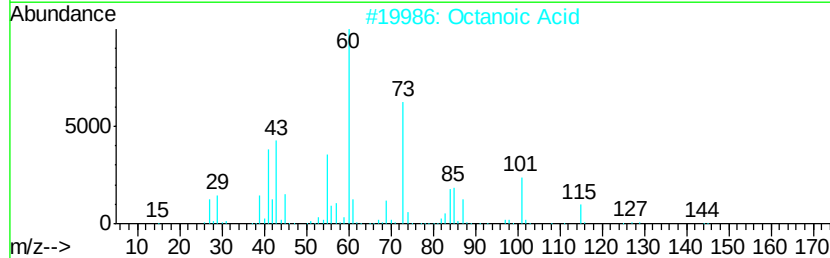
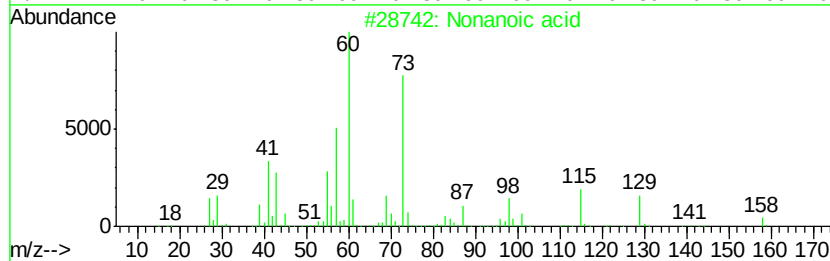
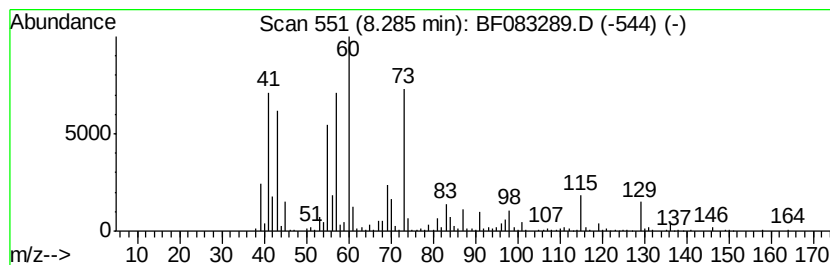
Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Nonanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	15.70 ng	998671	Naphthalene-d8	7.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid		158	C9H18O2	000112-05-0	72
2	Octanoic Acid		144	C8H16O2	000124-07-2	59
3	Hexanoic acid		116	C6H12O2	000142-62-1	50
4	Heptanoic acid		130	C7H14O2	000111-14-8	50
5	Pentanoic acid		102	C5H10O2	000109-52-4	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
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Operator : UM/IZ
Sample : G4567-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

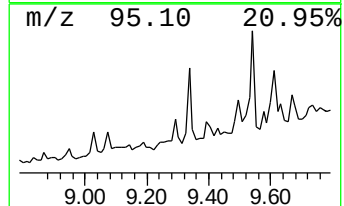
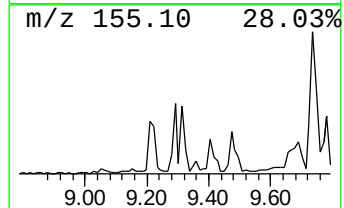
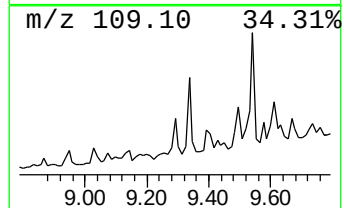
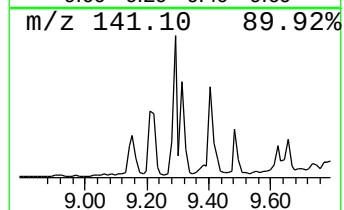
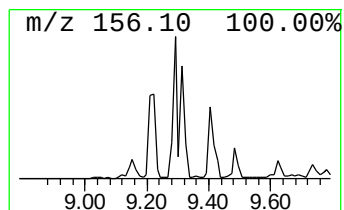
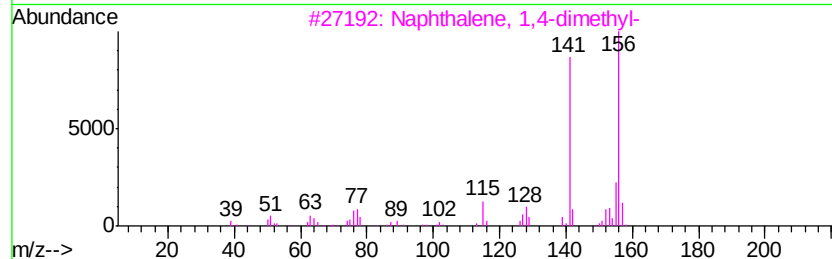
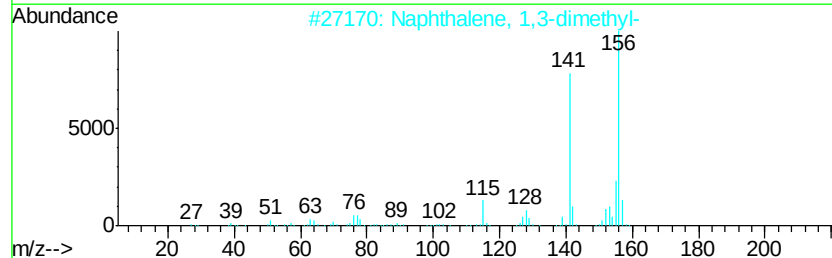
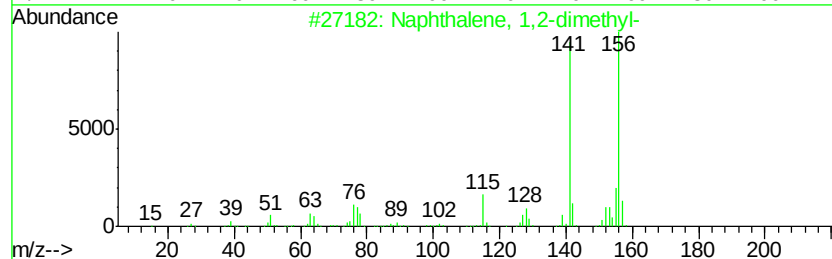
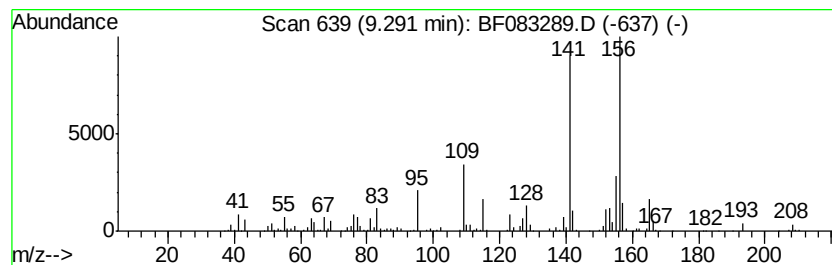
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ClientSampleId :
STOCKPILE-GRAB1

Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,2-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	8.27 ng	725190	Acenaphthene-d10	9.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2-dimethyl-	156 C12H12	000573-98-8 95
2		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 94
3		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 93
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 93
5		Naphthalene, 1,8-dimethyl-	156 C12H12	000569-41-5 93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
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Operator : UM/IZ
Sample : G4567-05 2X
Misc :
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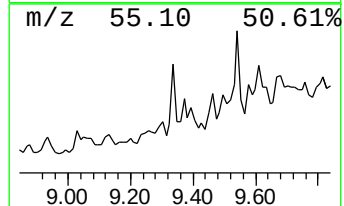
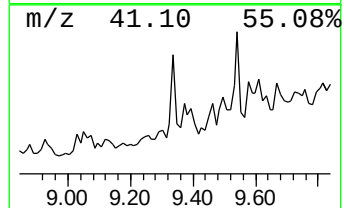
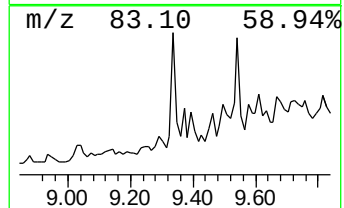
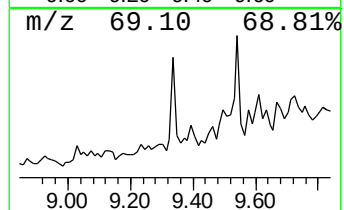
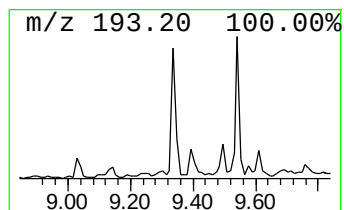
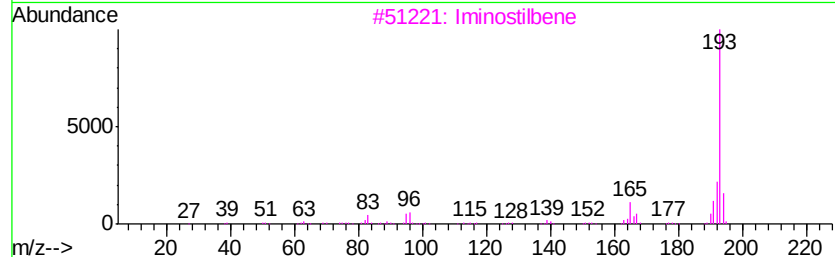
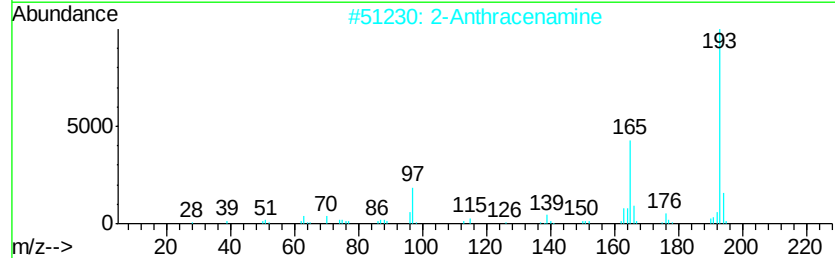
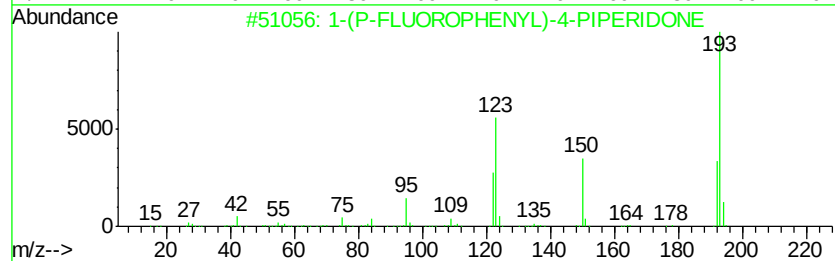
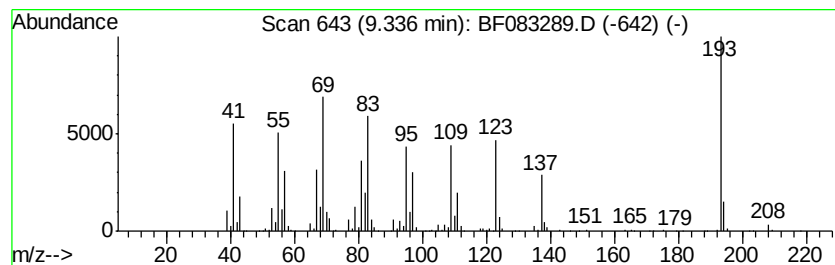
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown9.34 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	10.02 ng	878598	Acenaphthene-d10	9.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-(P-FLUOROPHENYL)-4-PIPERIDONE	193 C11H12FNO	1000238-56-7 38
2		2-Anthracenamine	193 C14H11N	000613-13-8 22
3		Iminostilbene	193 C14H11N	000256-96-2 14
4		Bicyclo[3.1.1]heptan-3-one, 2,6,...	152 C10H16O	015358-88-0 14
5		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138 C10H18	004863-59-6 14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083289.D
Acq On : 25 Nov 2015 22:48
Operator : UM/IZ
Sample : G4567-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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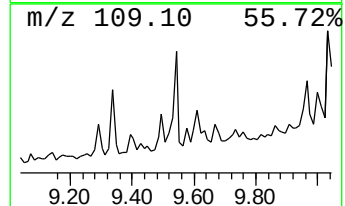
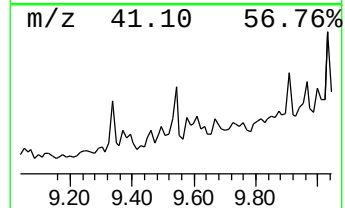
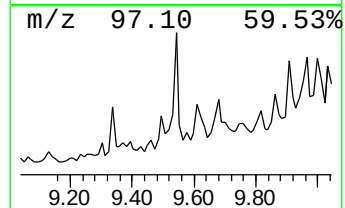
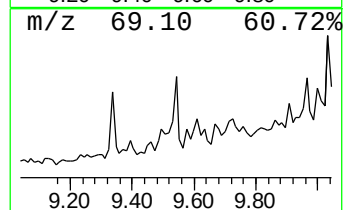
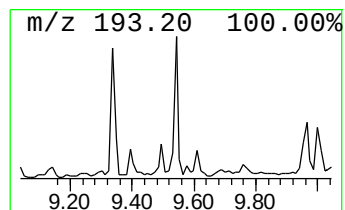
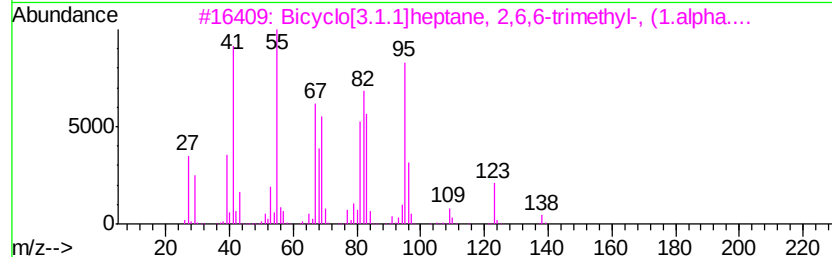
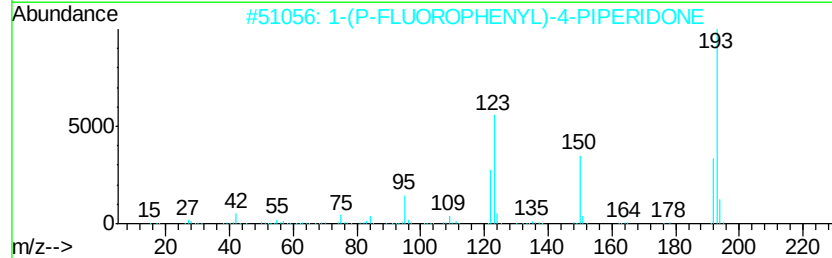
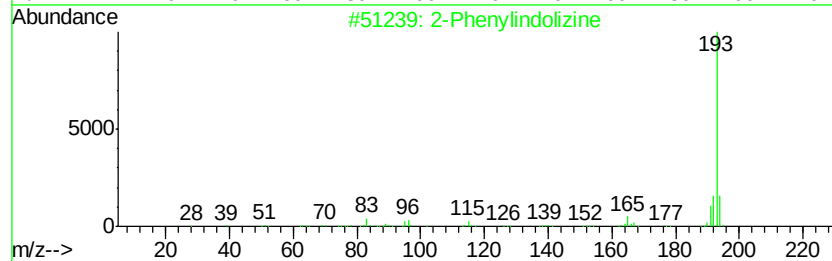
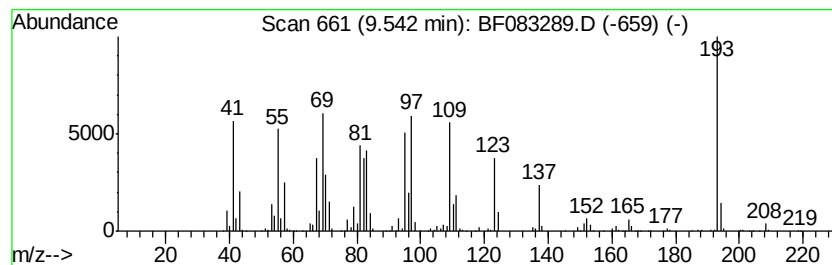
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown9.54 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	17.92 ng	1571190	Acenaphthene-d10	9.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylindolizine	193	C14H11N	025379-20-8	38
2		1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	35
3		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	006876-13-7	30
4		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	30
5		Pentanoic acid, 10-undecenyl ester	254	C16H30O2	1000159-93-4	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083289.D
Acq On : 25 Nov 2015 22:48
Operator : UM/IZ
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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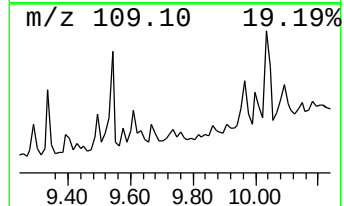
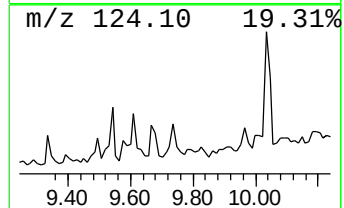
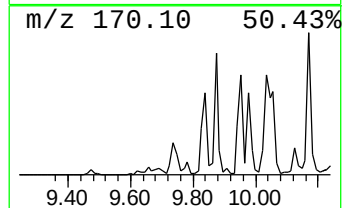
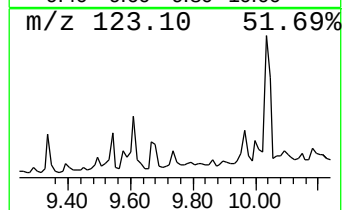
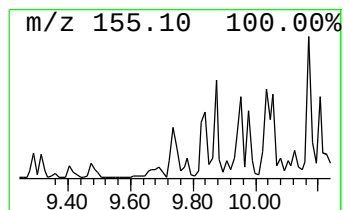
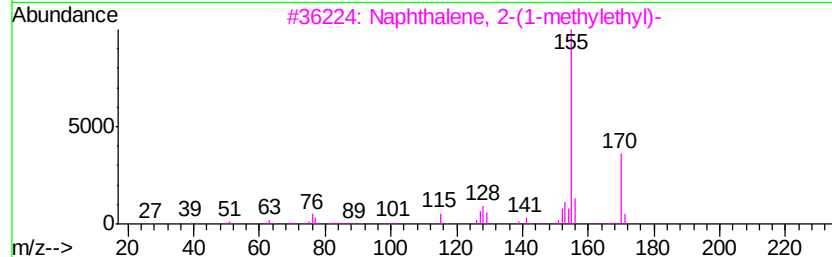
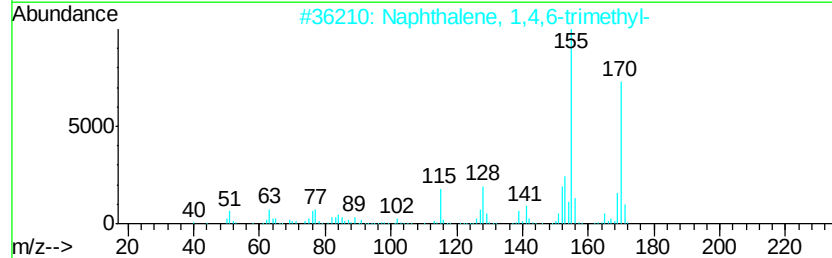
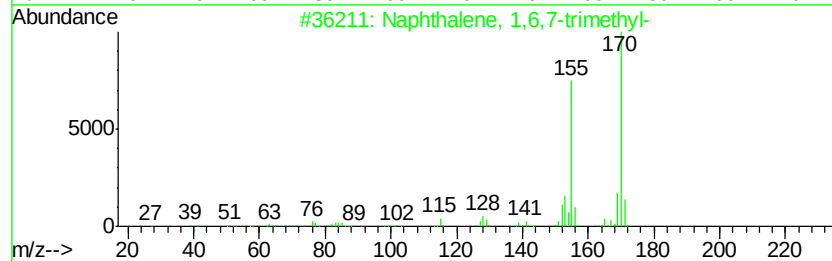
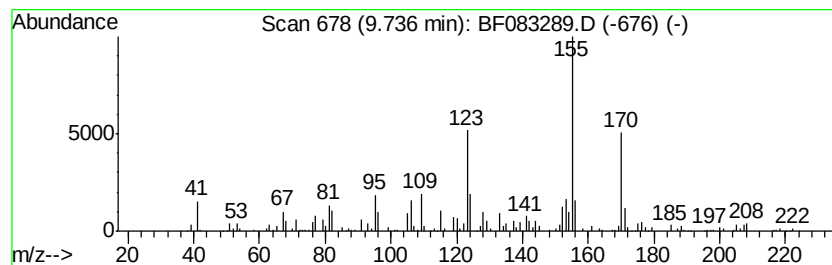
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	7.79 ng	682797	Acenaphthene-d10	9.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	60
3		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	60
4		Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	58
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083289.D
Acq On : 25 Nov 2015 22:48
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ALS Vial : 16 Sample Multiplier: 1

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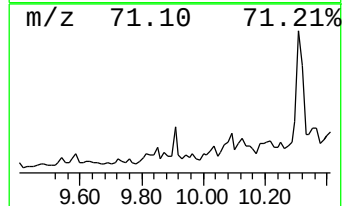
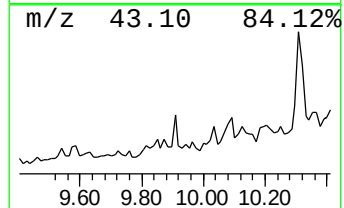
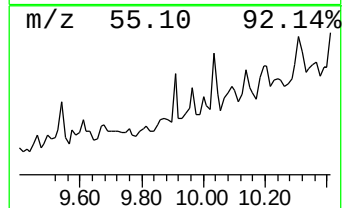
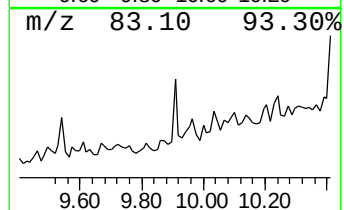
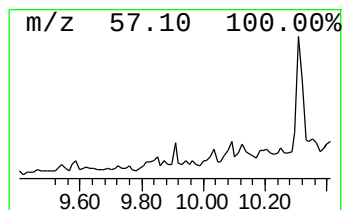
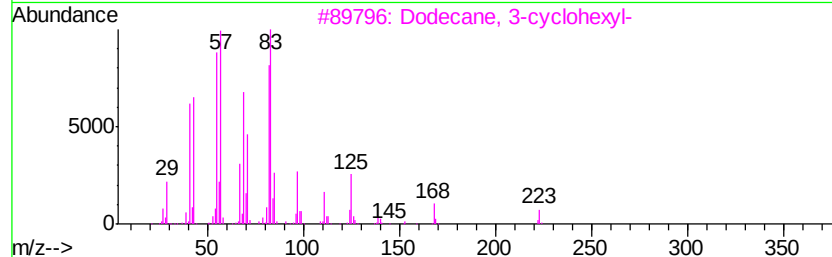
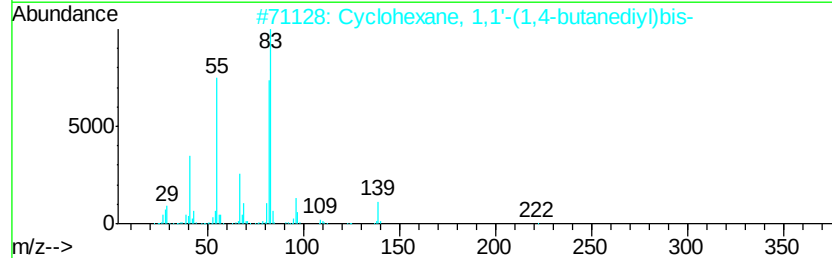
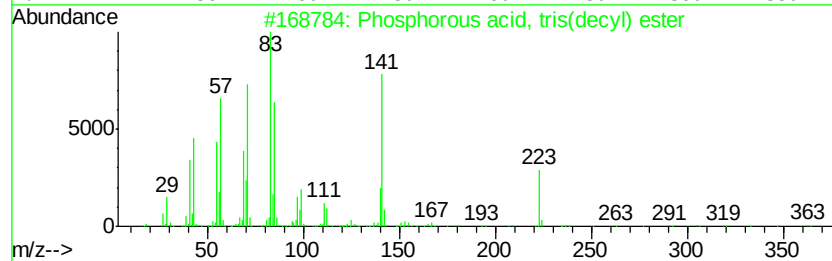
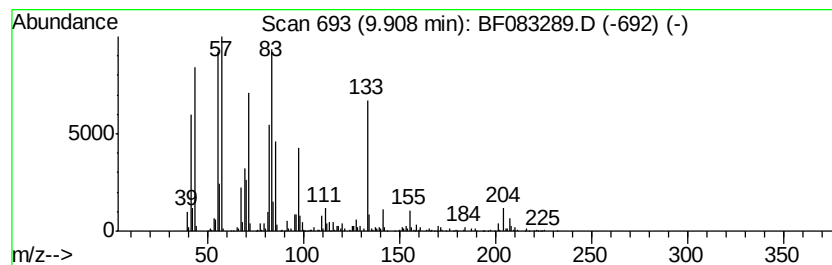
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown9.91 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	12.12 ng	1063170	Acenaphthene-d10	9.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phosphorous acid, tris(decyl) ester	502	C30H63O3P	002929-86-4	46
2		Cyclohexane, 1,1'-(1,4-butanediyl)bis-	222	C16H30	006165-44-2	42
3		Dodecane, 3-cyclohexyl-	252	C18H36	013151-83-2	38
4		Cyclohexane, 1,1'-(1,3-propanediyl)bis-	208	C15H28	003178-24-3	30
5		Cyclohexane, ethyl-	112	C8H16	001678-91-7	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083289.D
Acq On : 25 Nov 2015 22:48
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Sample : G4567-05 2X
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ClientSampleId :
STOCKPILE-GRAB1

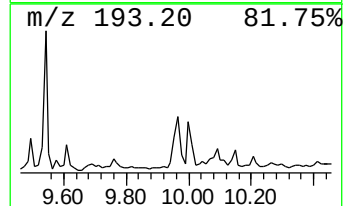
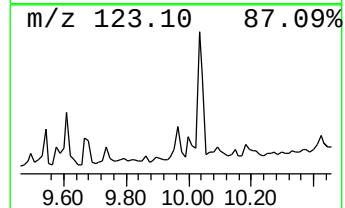
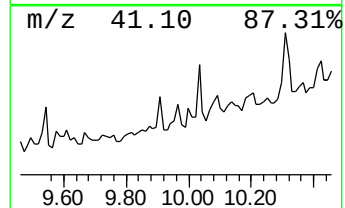
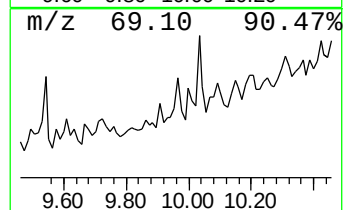
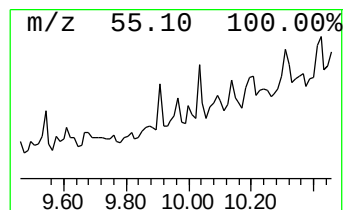
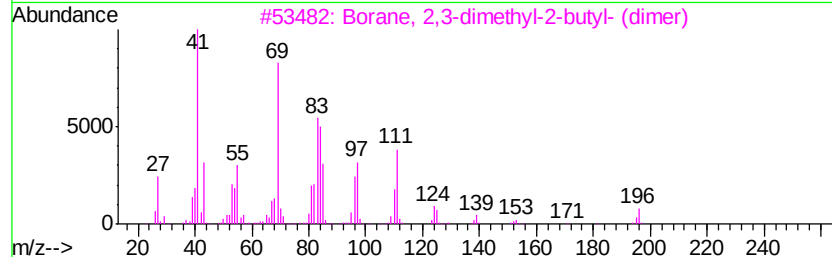
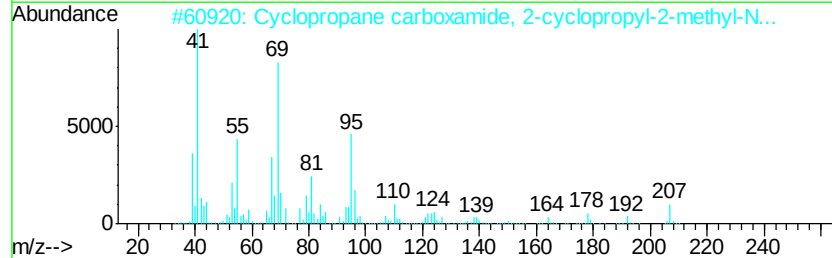
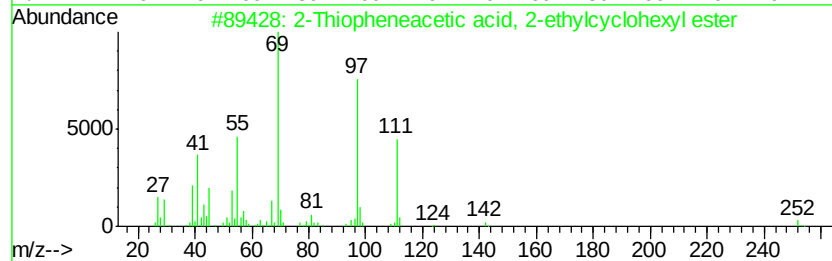
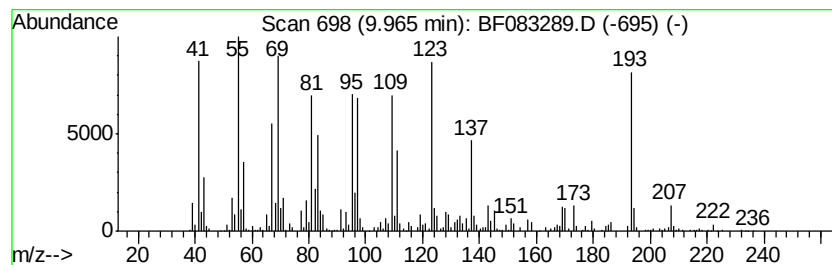
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown9.96 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	25.31 ng	2219380	Acenaphthene-d10	9.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Thiopheneacetic acid, 2-ethylc...	252	C14H20O2S	1000278-96-1	22
2		Cyclopropane carboxamide, 2-cycl...	207	C13H21NO	331416-19-4	15
3		Borane, 2,3-dimethyl-2-butyl- (d...	196	C12H30B2	1000159-64-3	14
4		2-Diethylamino-4-phenylthiooct-2...	302	C18H26N2S	1000090-57-0	11
5		3-Bromomethyl-3,6,6-trimethyl-cy...	216	C10H17Br	1000185-63-8	11



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
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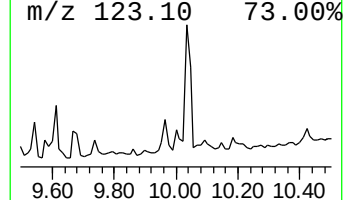
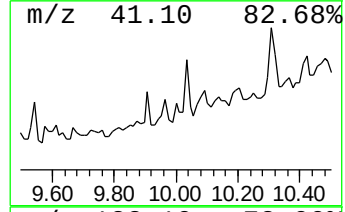
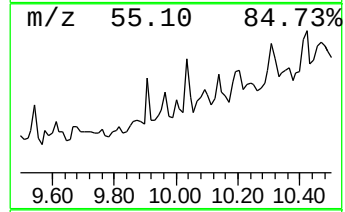
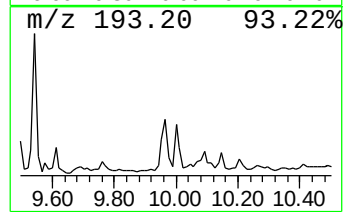
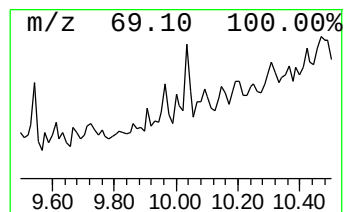
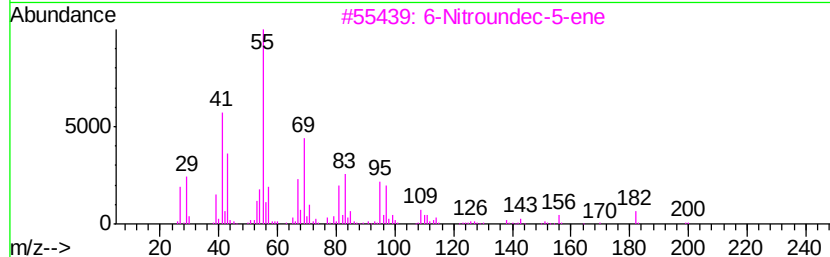
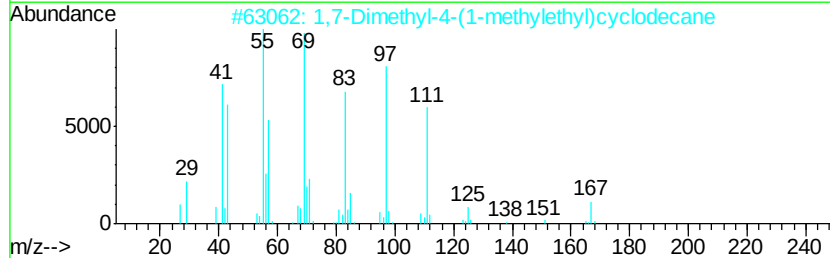
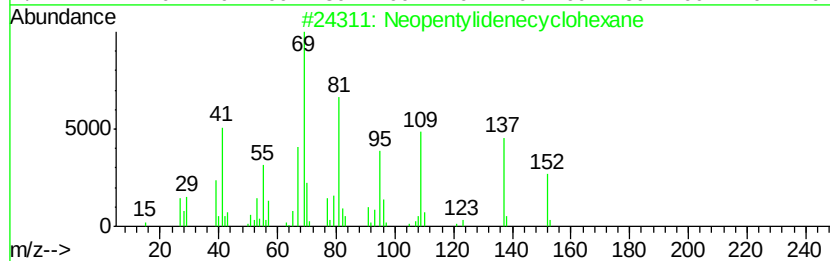
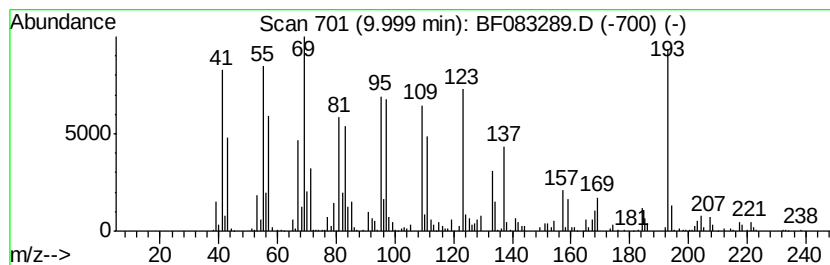
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown10.00 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.00	13.56 ng	1189360	Acenaphthene-d10	9.62	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neopentylidenecyclohexane	152	C11H20	039546-80-0	27
2	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	27
3	6-Nitroundec-5-ene	199	C11H21NO2	1000192-40-3	22
4	2-Furanmethanol, .alpha.-(2-nitr...	185	C8H11NO4	103077-75-4	22
5	Benzenamine, 3-ethoxy-	137	C8H11NO	000621-33-0	15



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
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Acq On : 25 Nov 2015 22:48
Operator : UM/IZ
Sample : G4567-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

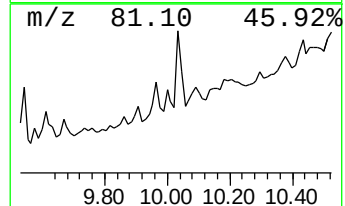
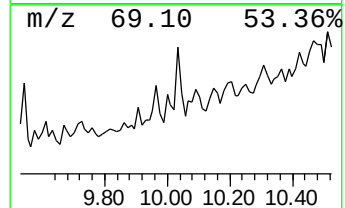
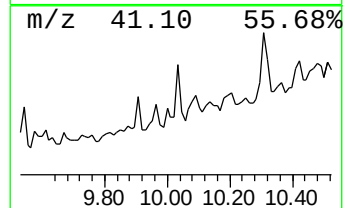
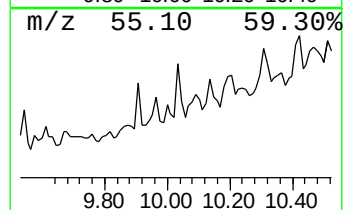
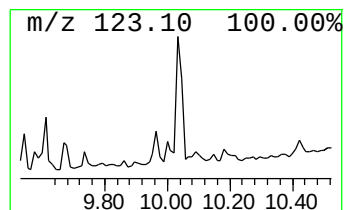
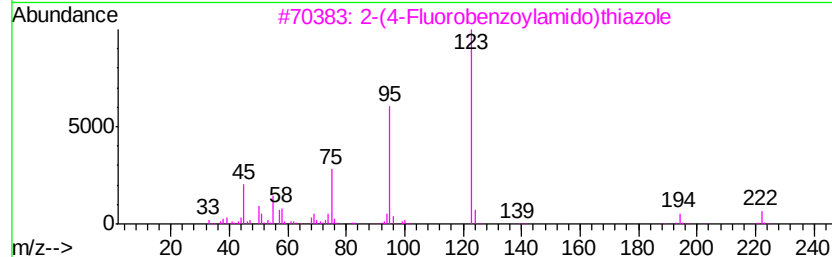
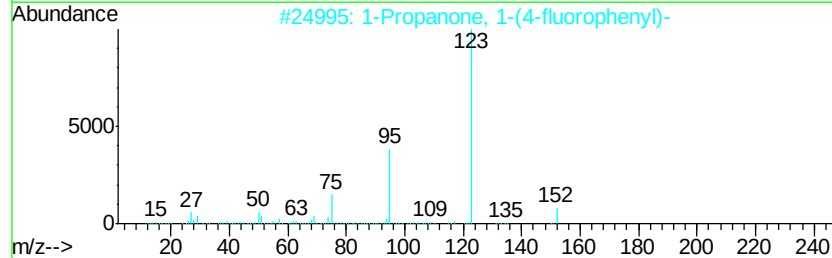
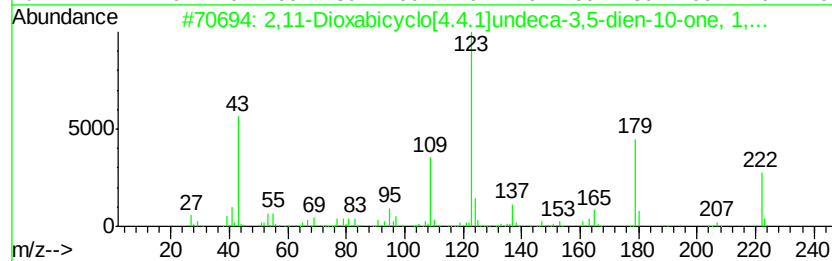
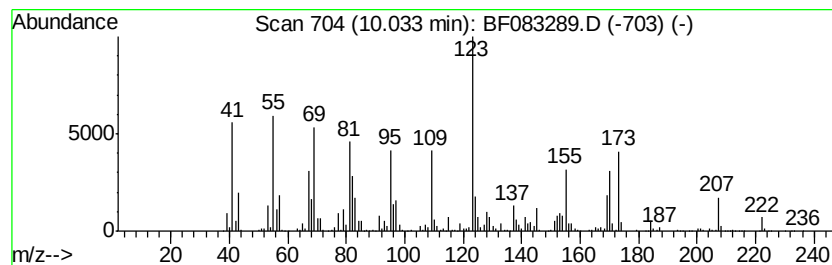
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown10.03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.03	25.82 ng	2264340	Acenaphthene-d10	9.62	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,11-Dioxabicyclo[4.4.1]undeca-3...	222	C13H18O3	070412-52-1	38
2	1-Propanone, 1-(4-fluorophenyl)-	152	C9H9FO	000456-03-1	38
3	2-(4-Fluorobenzoylamido)thiazole	222	C10H7FN2OS	313376-92-0	35
4	4-Fluorobenzoic acid, 4-methylpe...	224	C13H17FO2	1000279-06-5	35
5	Cyclopentene, 1,3-dimethyl-2-(1-...	138	C10H18	061142-32-3	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
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Sample : G4567-05 2X
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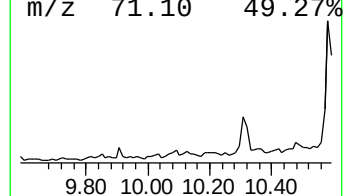
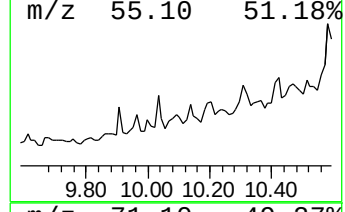
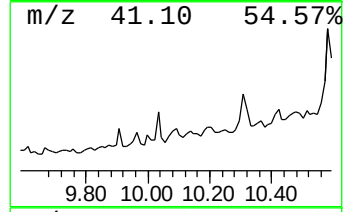
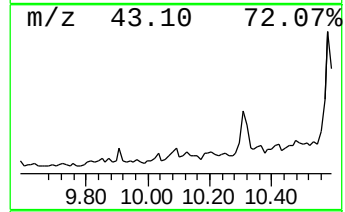
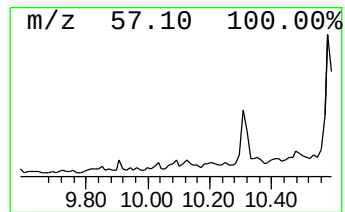
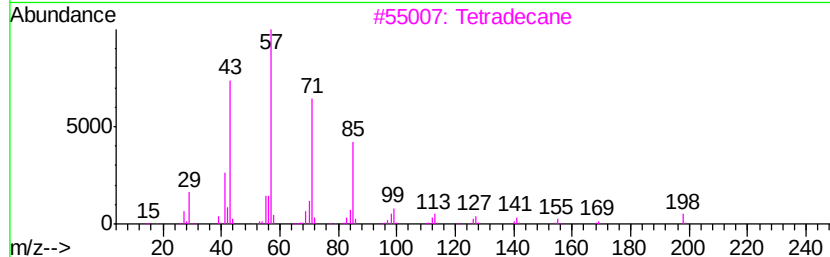
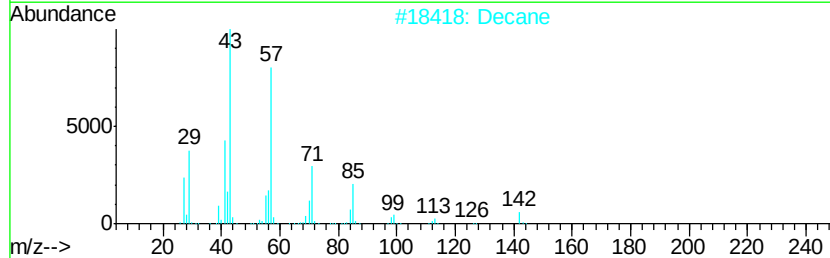
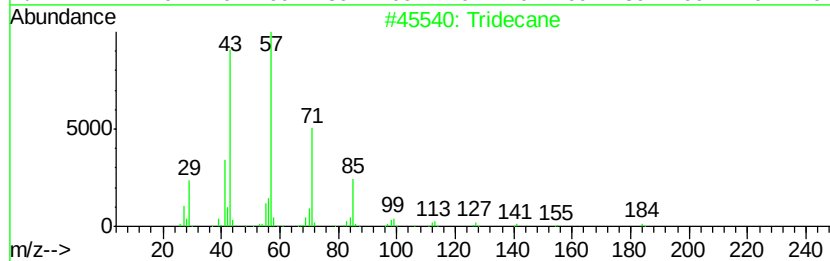
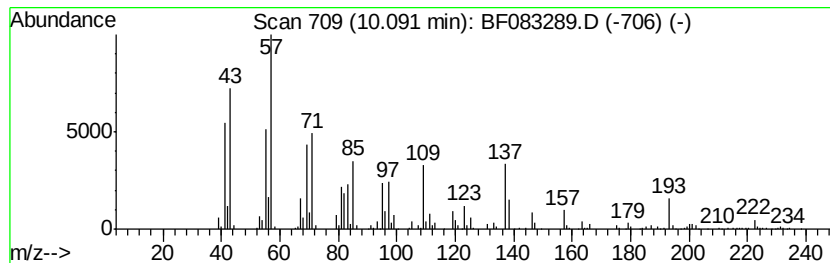
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown10.09 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	14.76 ng	1294150	Acenaphthene-d10	9.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	38
2	Decane	142 C10H22	000124-18-5	30
3	Tetradecane	198 C14H30	000629-59-4	30
4	Pentadecane, 2-methyl-	226 C16H34	001560-93-6	25
5	Hexadecane	226 C16H34	000544-76-3	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083289.D
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Operator : UM/IZ
Sample : G4567-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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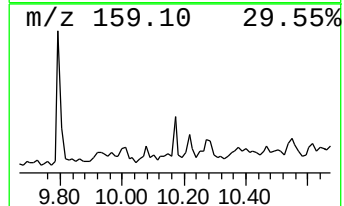
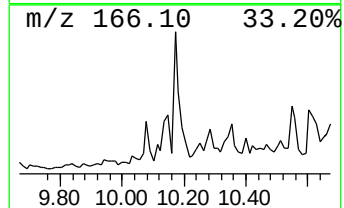
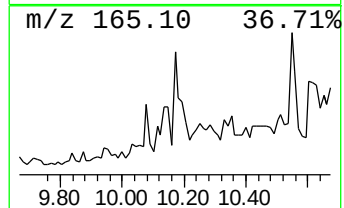
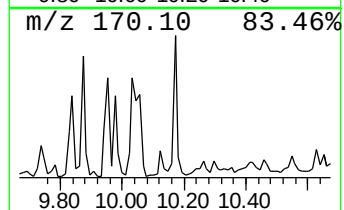
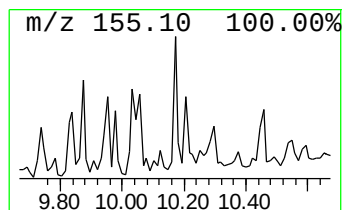
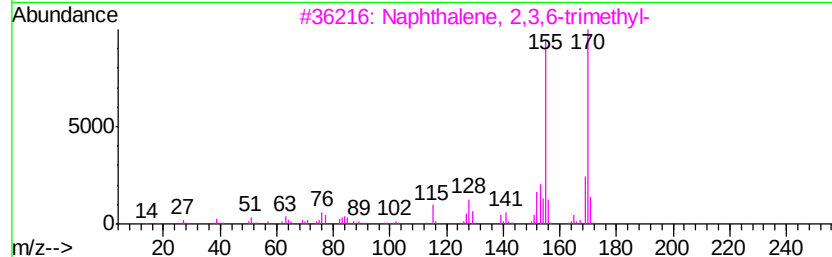
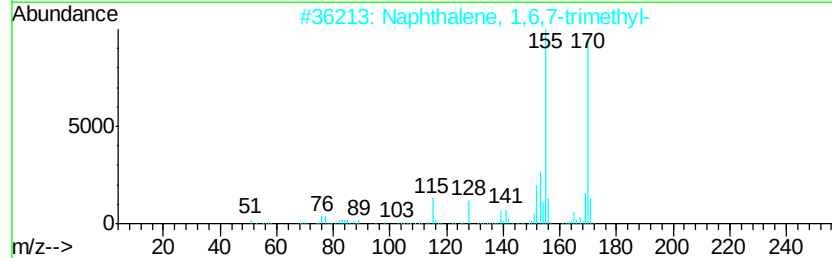
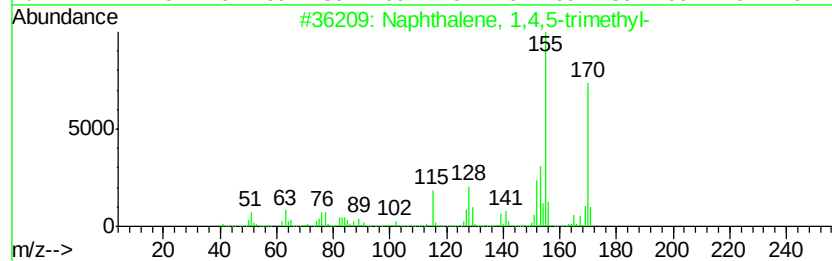
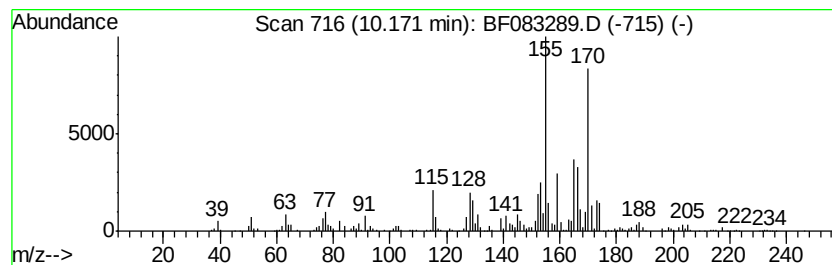
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,4,5-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	10.69 ng	937308	Acenaphthene-d10	9.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
5		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	89



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
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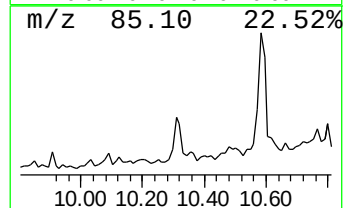
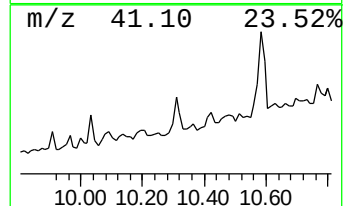
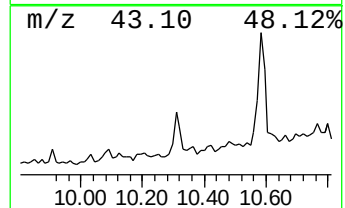
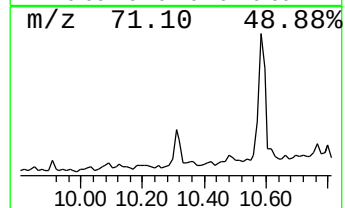
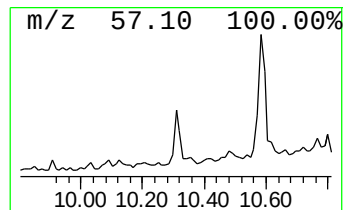
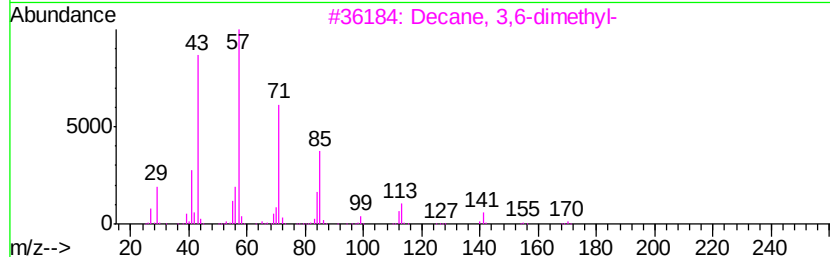
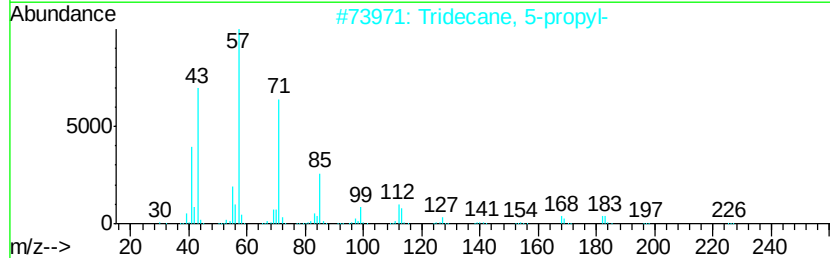
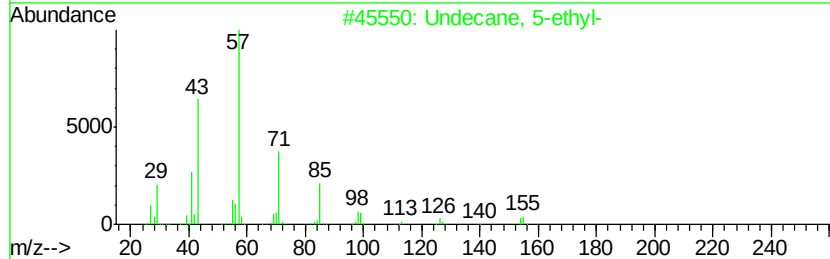
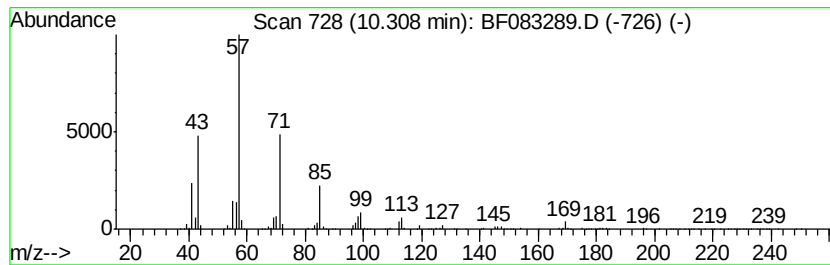
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Undecane, 5-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.31	39.88 ng	3497640	Acenaphthene-d10	9.62	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-ethyl-	184	C13H28	017453-94-0	78
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	76
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	74
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
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Sample : G4567-05 2X
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STOCKPILE-GRAB1

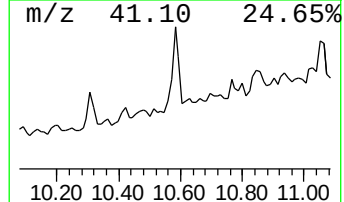
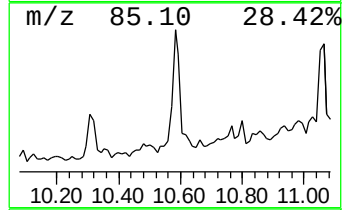
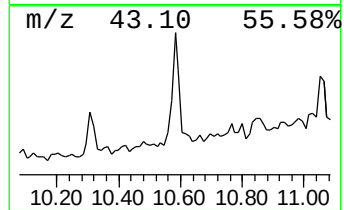
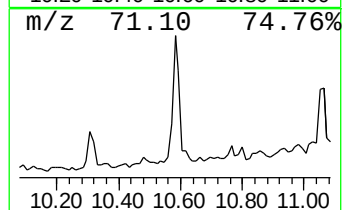
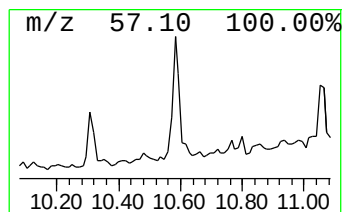
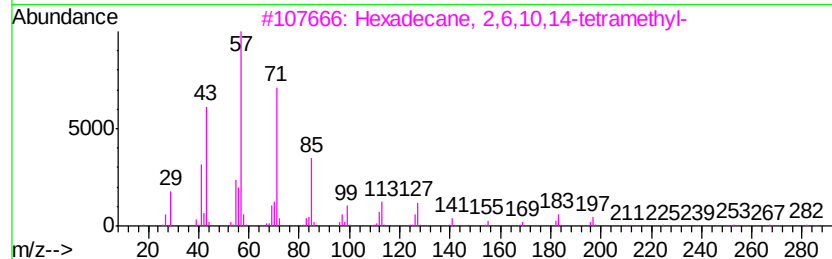
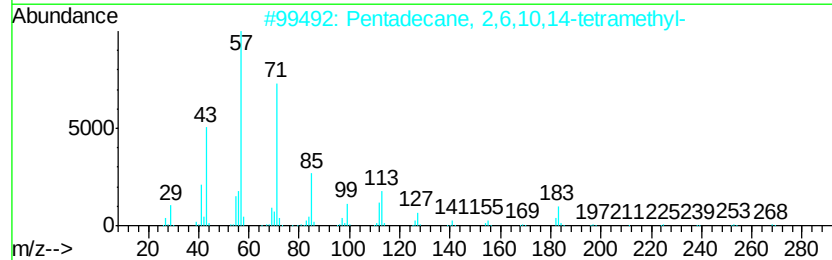
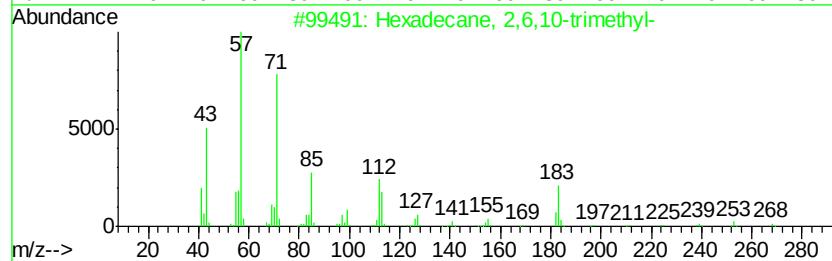
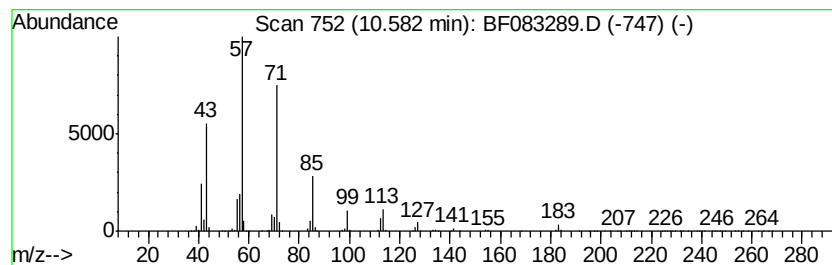
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane, 2,6,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	60.70 ng	10782600	Phenanthrene-d10	11.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	91
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
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STOCKPILE-GRAB1

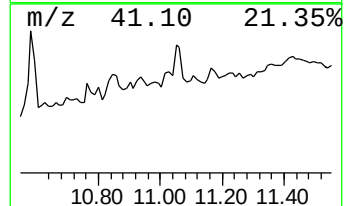
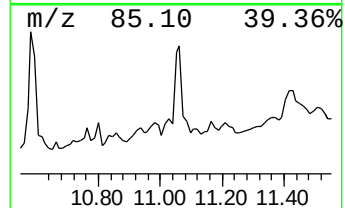
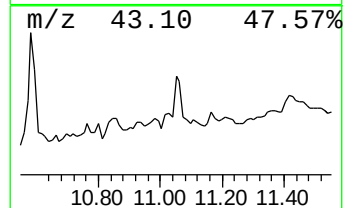
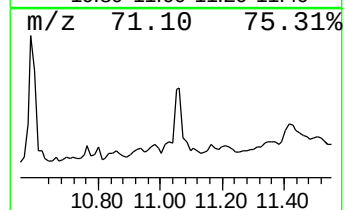
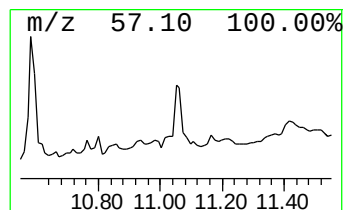
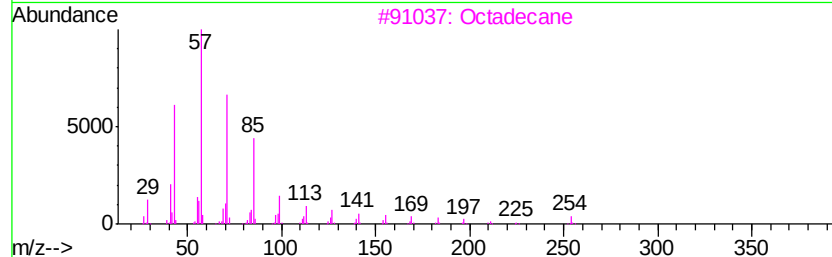
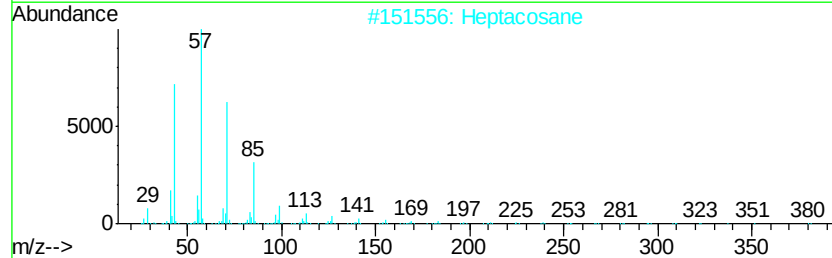
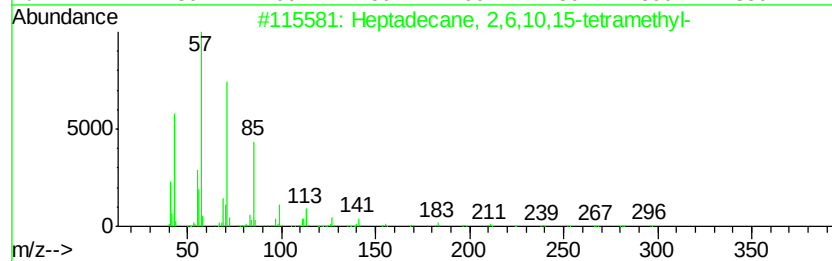
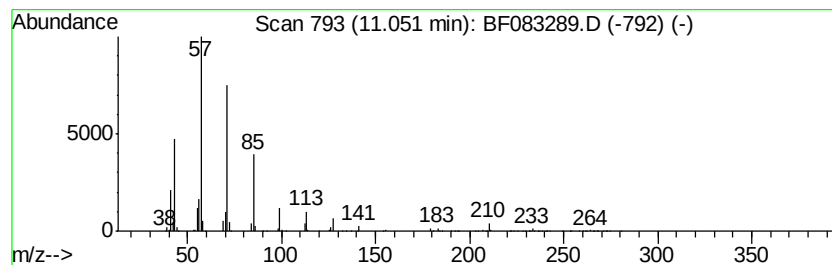
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TIC Integration Parameters: LSCINT.P

Peak Number 18 Heptadecane, 2,6,10,15-tetr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	20.00 ng	3553040	Phenanthrene-d10	11.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2		Heptacosane	380	C27H56	000593-49-7	90
3		Octadecane	254	C18H38	000593-45-3	86
4		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	78
5		Tetracosane	338	C24H50	000646-31-1	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
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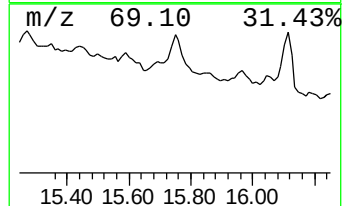
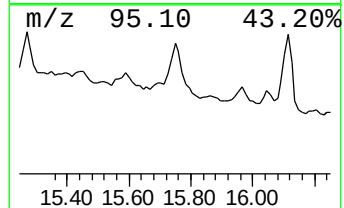
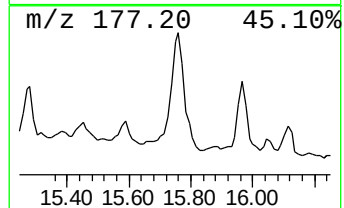
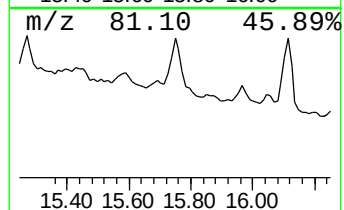
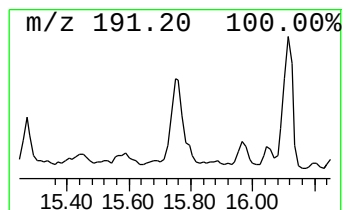
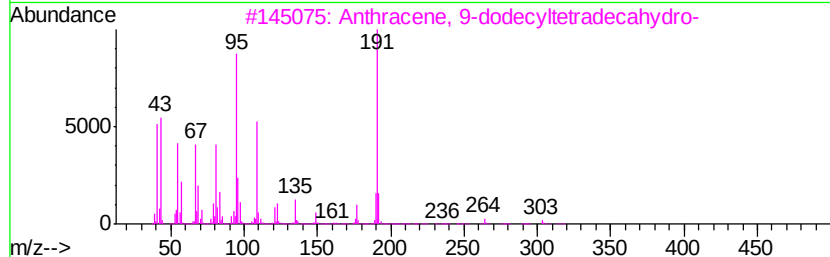
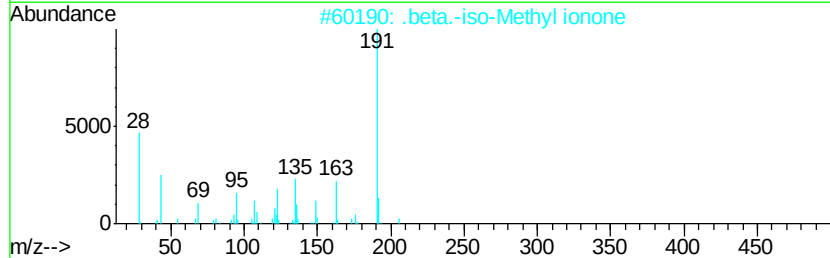
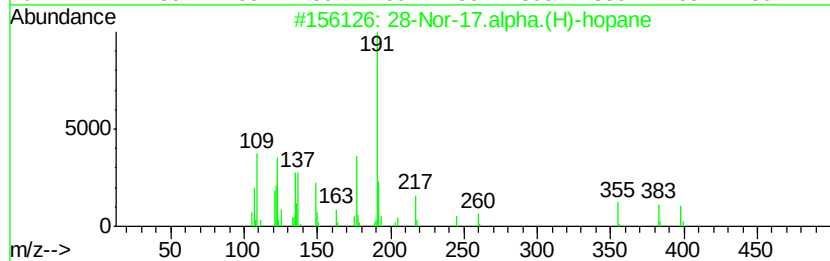
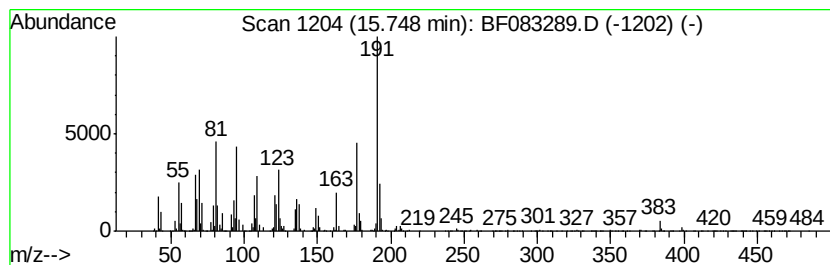
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 28-Nor-17.alpha.(H)-hopane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	20.00 ng	6893700	Perylene-d12	15.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	50
2		.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	43
3		Anthracene, 9-dodecyltetradeca-hy...	360	C26H48	055401-75-7	38
4		1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	37
5		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083289.D
Acq On : 25 Nov 2015 22:48
Operator : UM/IZ
Sample : G4567-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-GRAB1

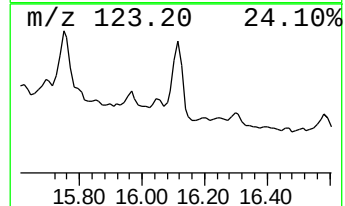
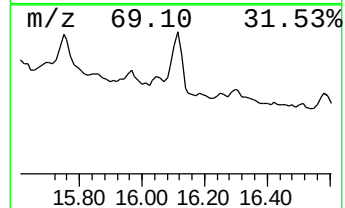
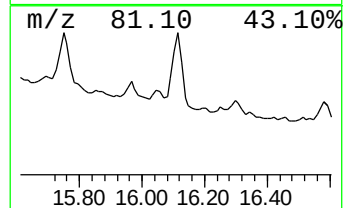
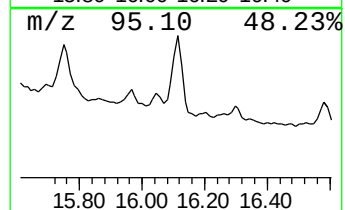
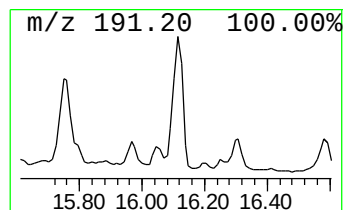
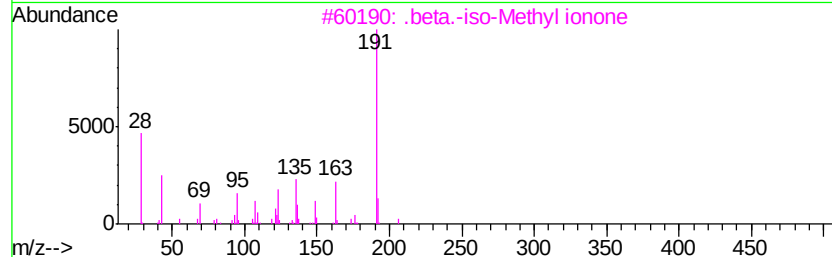
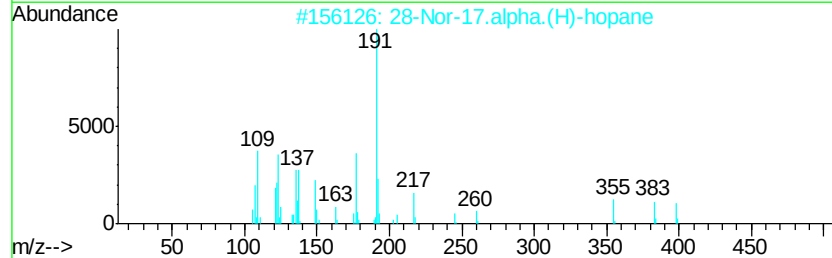
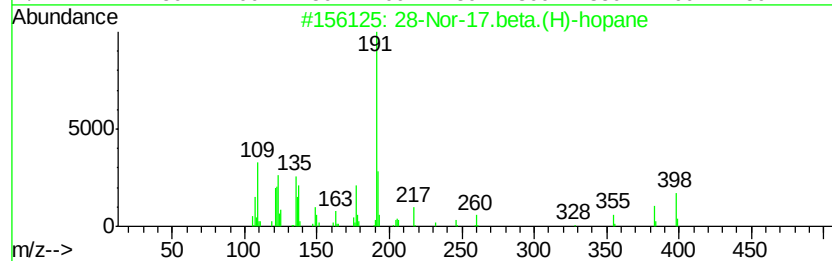
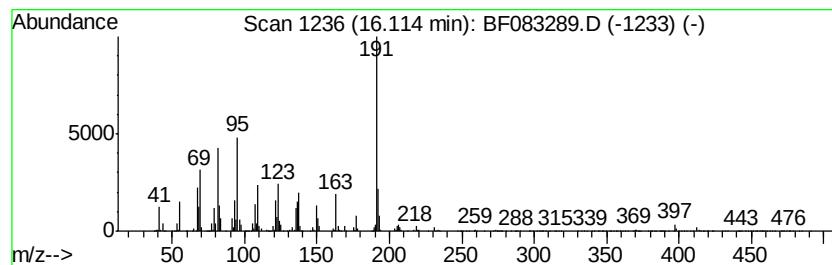
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 28-Nor-17.beta.(H)-hopane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	20.78 ng	7162620	Perylene-d12	15.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	64
2		28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	56
3		.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	49
4		1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	42
5		2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112515\
 Data File : BF083289.D
 Acq On : 25 Nov 2015 22:48
 Operator : UM/IZ
 Sample : G4567-05 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-GRAB1

Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.36	6.36	8.6	ng	384789	1	6.58	896225	20.0
Heptanoic acid	7.02	9.0	ng	403728	1	6.58	896225	20.0
Nonanal	7.26	7.9	ng	503434	2	7.87	1271880	20.0
Octanoic Acid	7.68	15.3	ng	974823	2	7.87	1271880	20.0
Nonanoic acid	8.28	15.7	ng	998671	2	7.87	1271880	20.0
Naphthalene, 1,2-...	9.29	8.3	ng	725190	3	9.62	1754030	20.0
unknown9.34	9.34	10.0	ng	878598	3	9.62	1754030	20.0
unknown9.54	9.54	17.9	ng	1571190	3	9.62	1754030	20.0
Naphthalene, 1,6,...	9.74	7.8	ng	682797	3	9.62	1754030	20.0
unknown9.91	9.91	12.1	ng	1063170	3	9.62	1754030	20.0
unknown9.96	9.96	25.3	ng	2219380	3	9.62	1754030	20.0
unknown10.00	10.00	13.6	ng	1189360	3	9.62	1754030	20.0
unknown10.03	10.03	25.8	ng	2264340	3	9.62	1754030	20.0
unknown10.09	10.09	14.8	ng	1294150	3	9.62	1754030	20.0
Naphthalene, 1,4,...	10.17	10.7	ng	937308	3	9.62	1754030	20.0
Undecane, 5-ethyl-	10.31	39.9	ng	3497640	3	9.62	1754030	20.0
Hexadecane, 2,6,1...	10.58	60.7	ng	10782600	4	11.12	3553040	20.0
Heptadecane, 2,6,...	11.05	20.0	ng	3553040	4	11.12	3553040	20.0
28-Nor-17.alpha.(...	15.75	20.0	ng	6893700	6	15.17	6893700	20.0
28-Nor-17.beta.(H...	16.11	20.8	ng	7162620	6	15.17	6893700	20.0