

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
 Data File : BF090323.D
 Acq On : 30 Sep 2016 20:22
 Operator : UM/SJ
 Sample : H5023-04 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-AREA-ABI54-09272016

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-BF092016.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.633	3	4	29	rVB	3350594	8716597	100.00%	28.586%
2	1.941	29	31	45	rVB	56963	208255	2.39%	0.683%
3	2.776	101	104	118	rBV	152973	471653	5.41%	1.547%
4	5.016	298	300	309	rBV	221139	317975	3.65%	1.043%
5	6.124	395	397	404	rBV	406647	542967	6.23%	1.781%
6	6.227	404	406	409	rVV	337222	386169	4.43%	1.266%
7	6.456	423	426	428	rBV	674590	775239	8.89%	2.542%
8	6.547	432	434	438	rBV	289552	467886	5.37%	1.534%
9	6.604	438	439	443	rVB	348497	308784	3.54%	1.013%
10	7.027	473	476	478	rBV	168558	240094	2.75%	0.787%
11	7.542	517	521	523	rBV3	50133	95124	1.09%	0.312%
12	7.656	529	531	534	rVB	176438	179187	2.06%	0.588%
13	7.747	536	539	541	rVV	988572	1019990	11.70%	3.345%
14	7.839	545	547	549	rVB	107589	87635	1.01%	0.287%
15	8.090	567	569	572	rBV	207111	268225	3.08%	0.880%
16	8.490	600	604	612	rVB3	32370	90338	1.04%	0.296%
17	8.822	631	633	635	rVB	712460	557238	6.39%	1.827%
18	9.222	666	668	671	rVV2	151839	216635	2.49%	0.710%
19	9.485	689	691	693	rBV	1218404	1003527	11.51%	3.291%
20	10.136	744	748	752	rBV7	25600	91291	1.05%	0.299%
21	10.273	757	760	761	rVV2	172698	254469	2.92%	0.835%
22	10.502	778	780	782	rBV2	121311	126981	1.46%	0.416%
23	10.536	782	783	786	rBV2	149683	166036	1.90%	0.545%
24	10.959	817	820	822	rBV	608359	861184	9.88%	2.824%
25	11.028	824	826	827	rBV	220743	368472	4.23%	1.208%
26	11.211	839	842	844	rBV2	176189	261882	3.00%	0.859%
27	11.531	868	870	872	rBV2	258660	311782	3.58%	1.022%
28	12.251	931	933	936	rBV	157069	174483	2.00%	0.572%
29	12.536	956	958	961	rBV	293908	354523	4.07%	1.163%
30	12.777	977	979	981	rBV	287748	368214	4.22%	1.208%
31	13.462	1037	1039	1042	rBV	724001	1008585	11.57%	3.308%
32	13.577	1047	1049	1052	rVV	510616	657976	7.55%	2.158%
33	14.102	1093	1095	1098	rBV	1055672	1336434	15.33%	4.383%
34	14.685	1143	1146	1149	rBV2	1003617	1699180	19.49%	5.572%

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Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	15.131	1183	1185	1188	rVB	620089	856820	9.83%	2.810%
36	15.325	1199	1202	1204	rBV	1176306	1887017	21.65%	6.188%
37	15.931	1252	1255	1265	rVB2	716658	1595480	18.30%	5.232%
38	16.297	1285	1287	1294	rVB	533801	1200322	13.77%	3.936%
39	16.754	1324	1327	1330	rVB	493636	958234	10.99%	3.142%

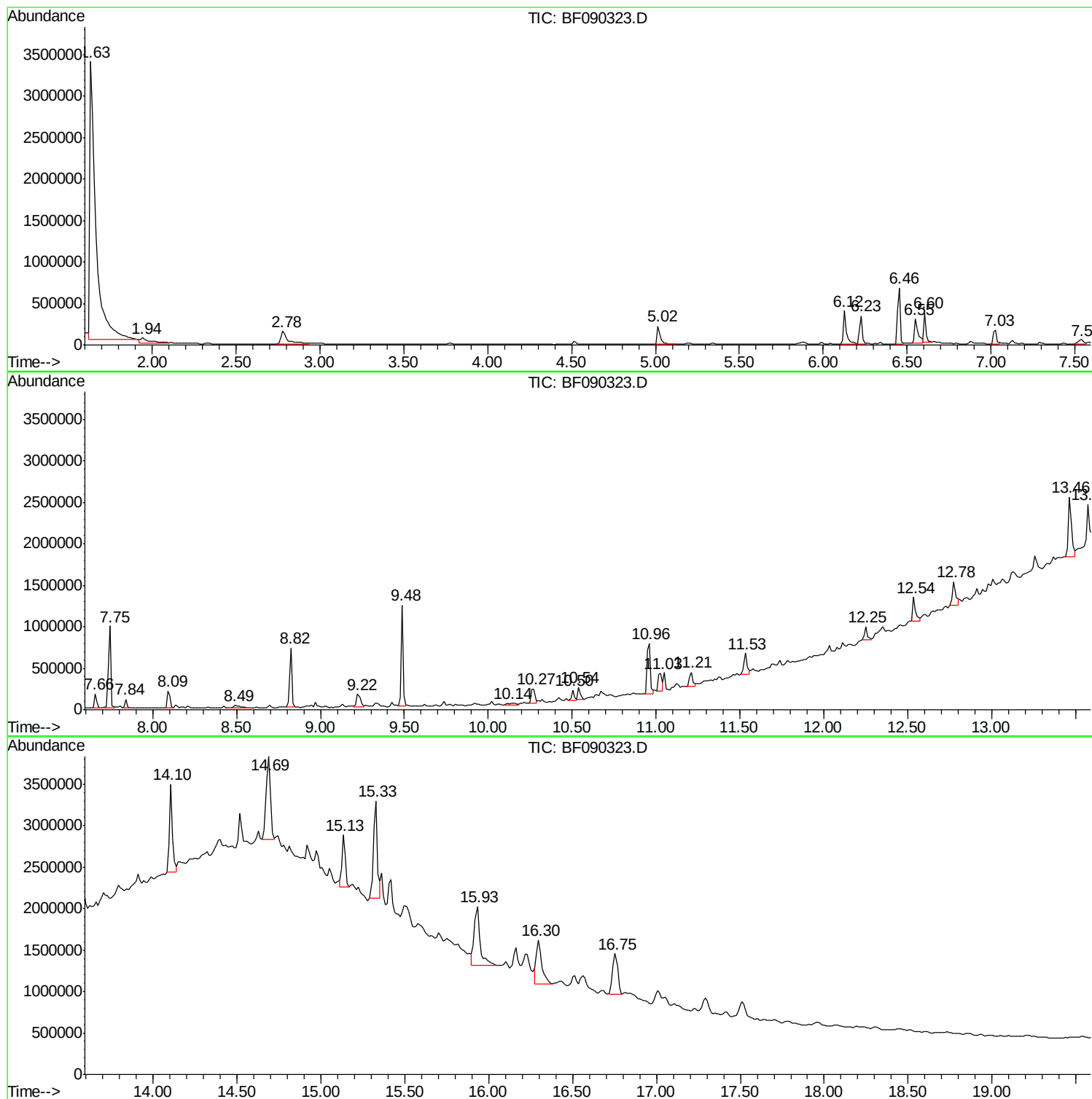
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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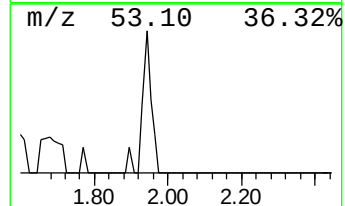
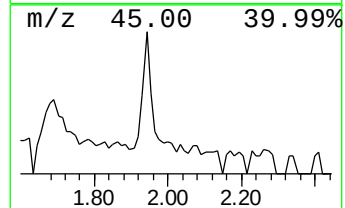
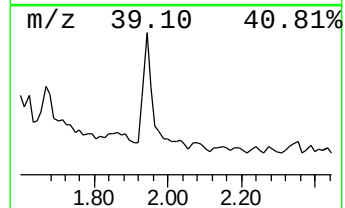
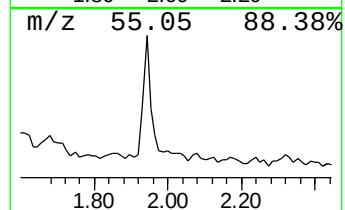
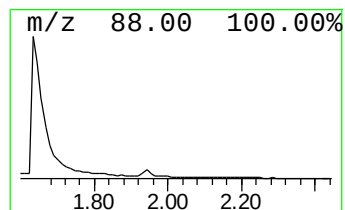
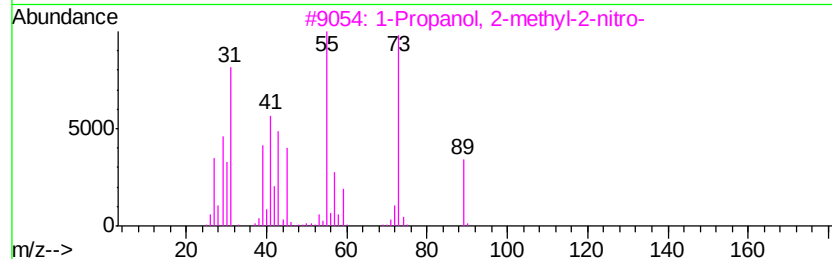
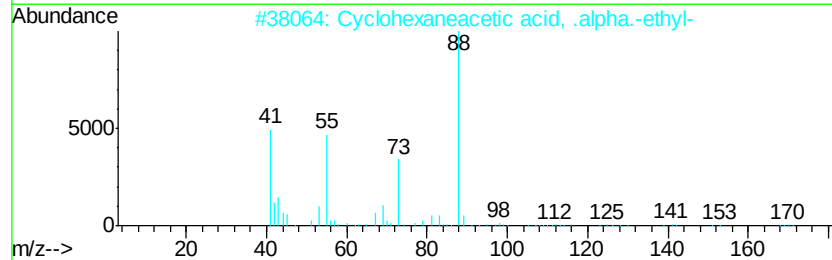
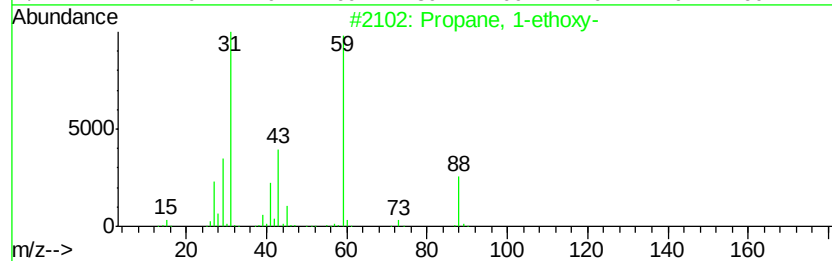
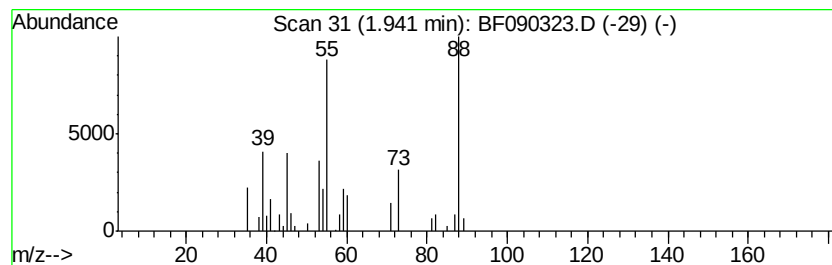
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown1.94 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.94	5.37 ng	208255	1,4-Dichlorobenzene-d4	6.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 1-ethoxy-	88	C5H12O	000628-32-0	25
2			Cyclohexanecetic acid, .alpha.-...	170	C10H18O2	006051-00-9	9
3			1-Propanol, 2-methyl-2-nitro-	119	C4H9NO3	000076-39-1	9
4			Oxirane, (butoxymethyl)-	130	C7H14O2	002426-08-6	9
5			Acetic acid, nitro-, ethyl ester	133	C4H7NO4	000626-35-7	9



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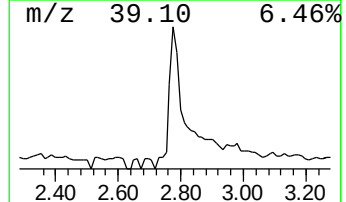
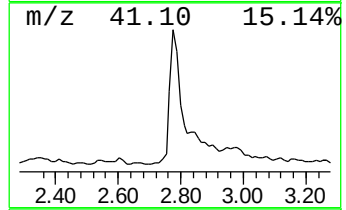
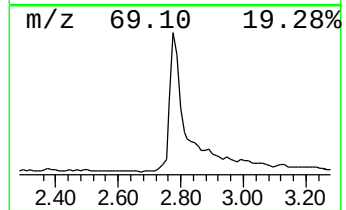
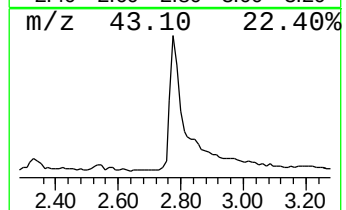
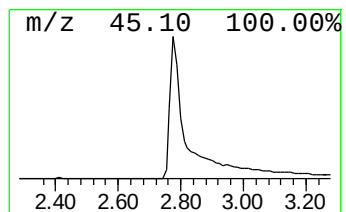
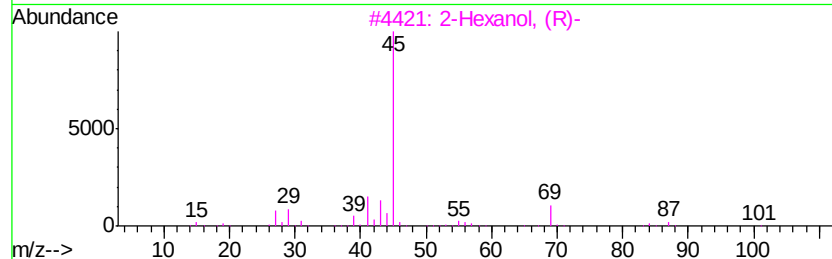
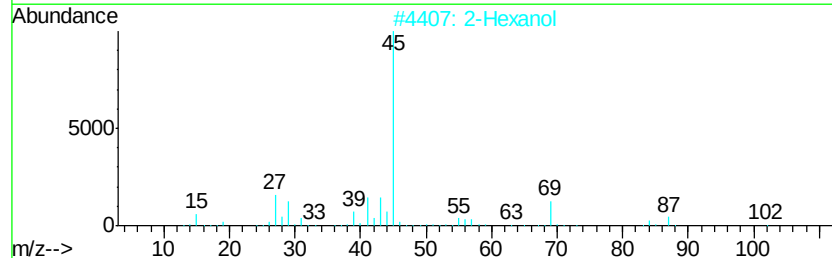
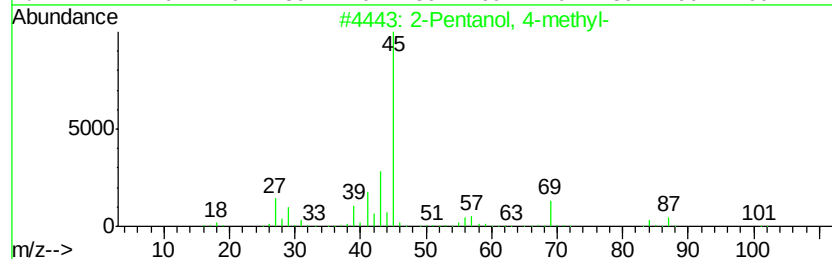
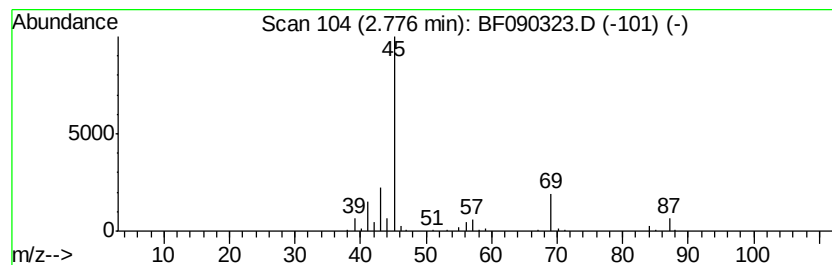
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Peak Number 3 2-Pentanol, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	12.17 ng	471653	1,4-Dichlorobenzene-d4	6.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
2		2-Hexanol	102	C6H14O	000626-93-7	83
3		2-Hexanol, (R)-	102	C6H14O	026549-24-6	64
4		2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	64
5		Diisopropyl ether	102	C6H14O	000108-20-3	56



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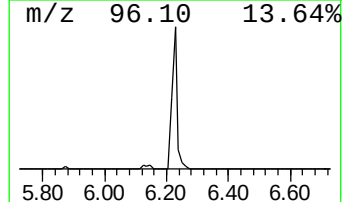
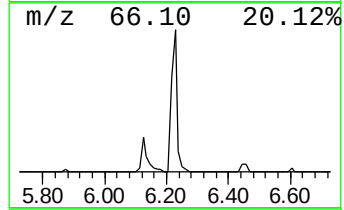
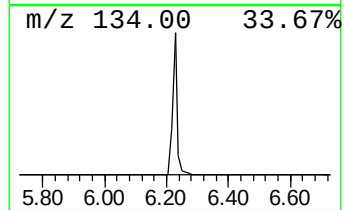
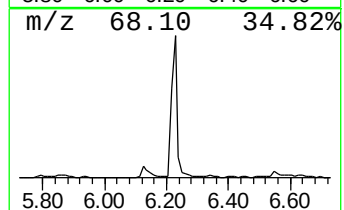
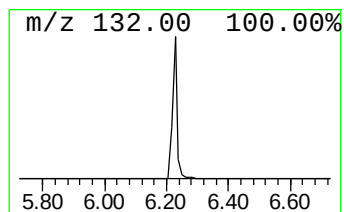
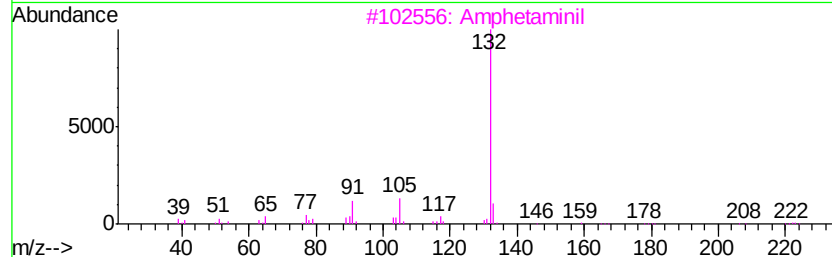
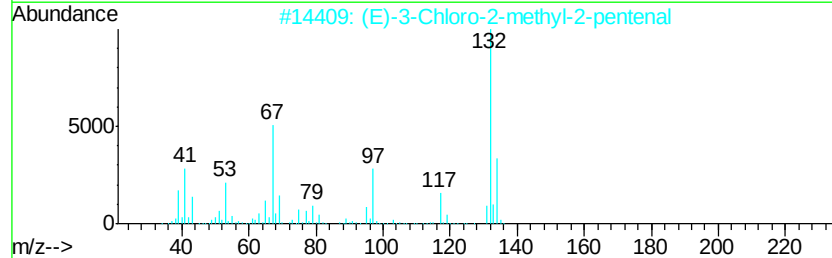
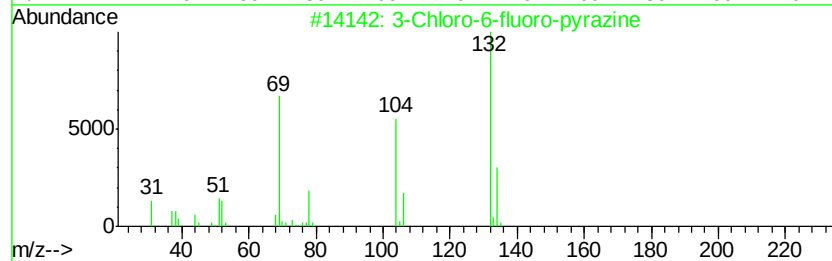
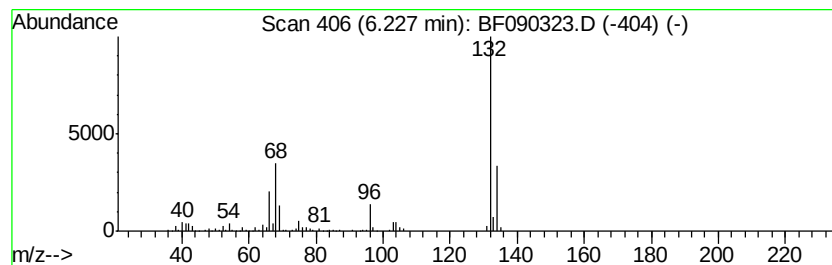
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.23 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	9.96 ng	386169	1,4-Dichlorobenzene-d4	6.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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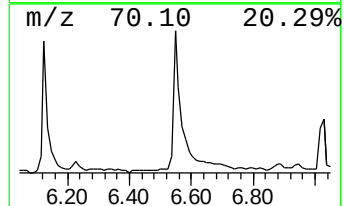
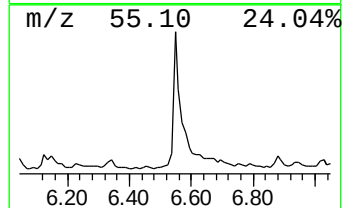
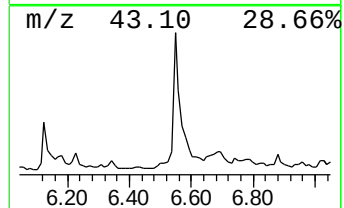
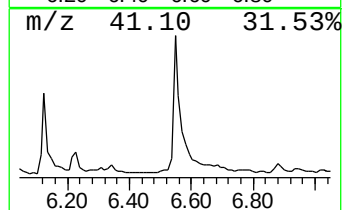
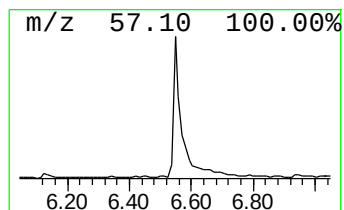
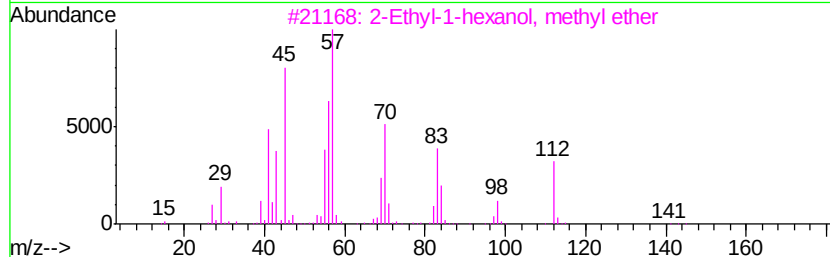
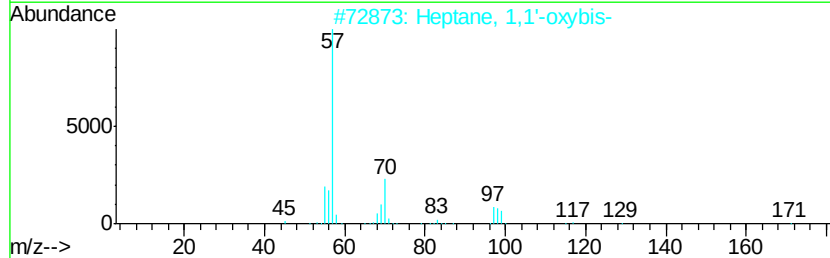
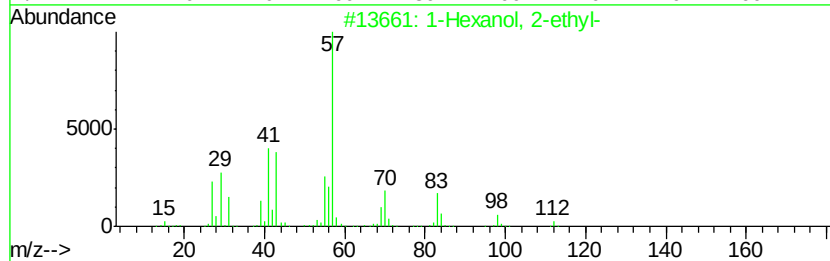
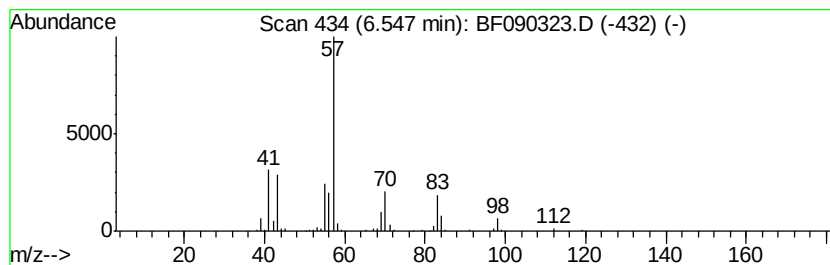
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	12.07 ng	467886	1,4-Dichlorobenzene-d4	6.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2		Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	64
3		2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	50
4		Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	42
5		Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000357-82-9	42



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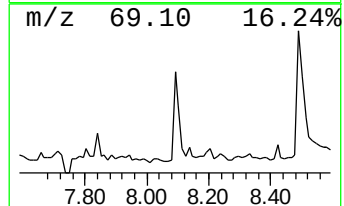
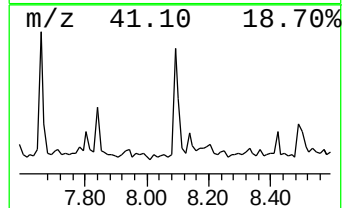
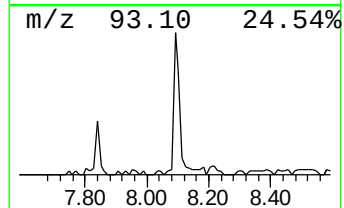
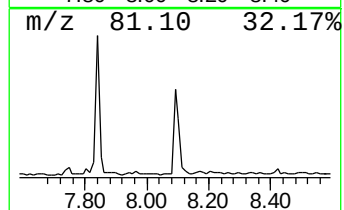
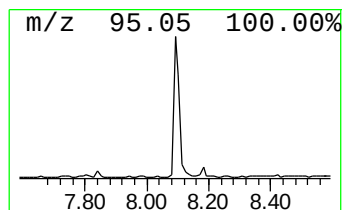
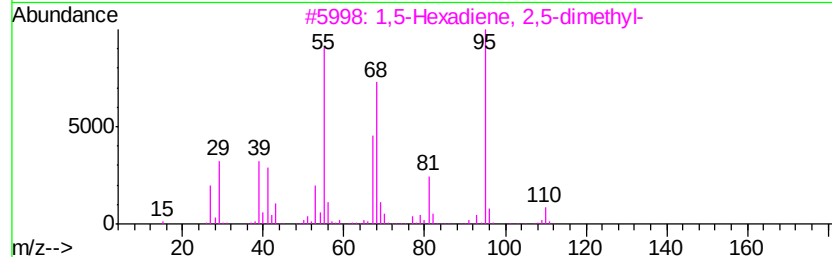
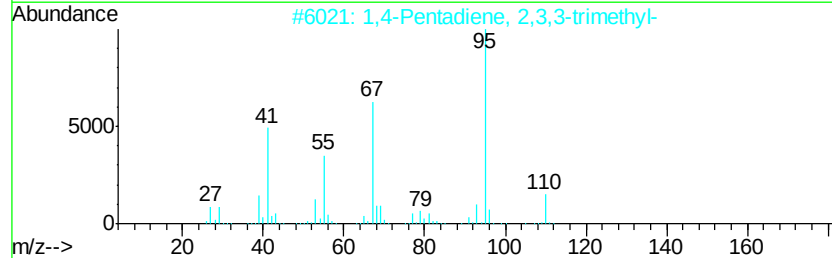
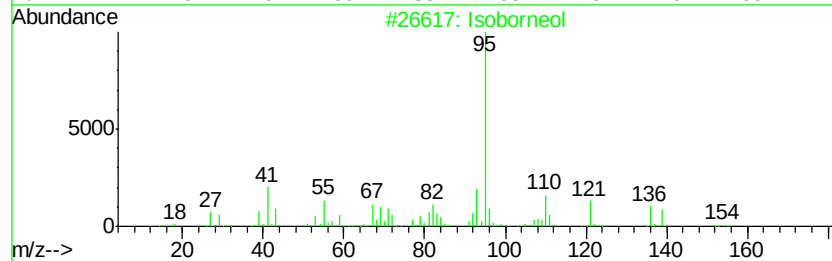
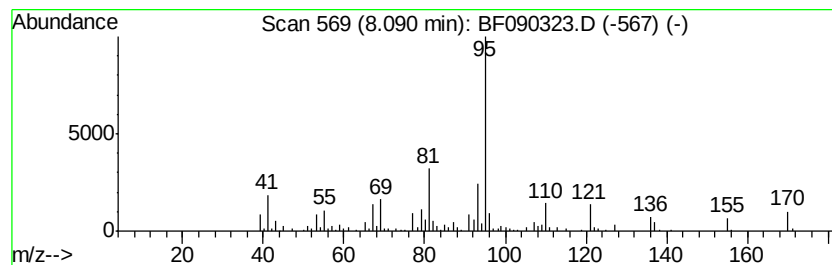
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Peak Number 7 Isoborneol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	5.26 ng	268225	Napthalene-d8	7.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isoborneol	154	C10H18O	000124-76-5	59
2		1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	52
3		1,5-Hexadiene, 2,5-dimethyl-	110	C8H14	000627-58-7	50
4		endo-Borneol	154	C10H18O	000507-70-0	50
5		Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
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Acq On : 30 Sep 2016 20:22
Operator : UM/SJ
Sample : H5023-04 5X
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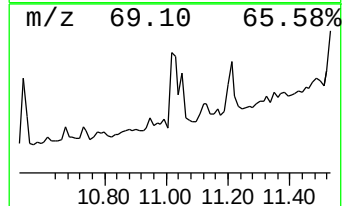
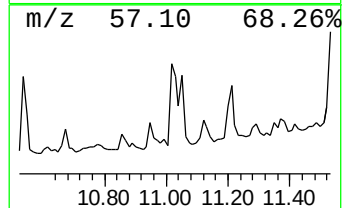
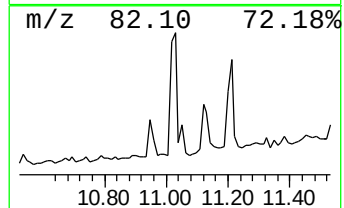
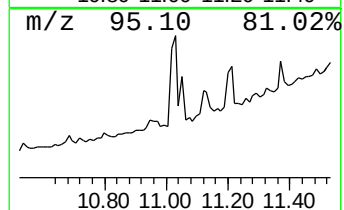
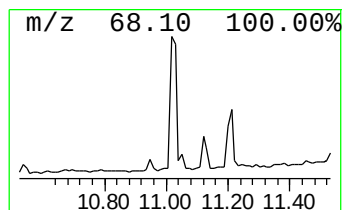
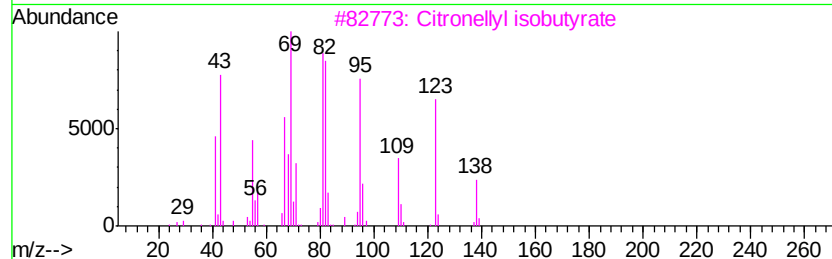
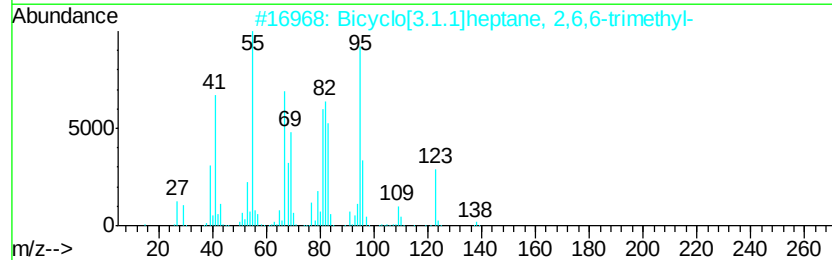
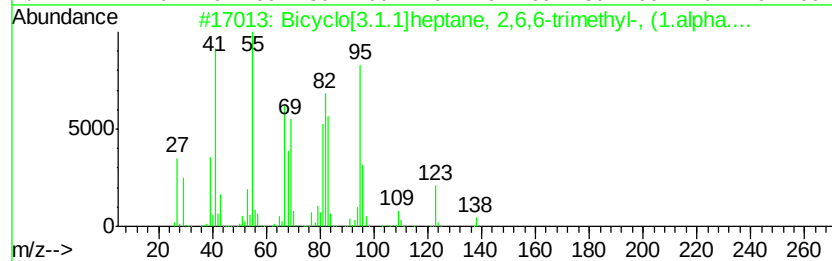
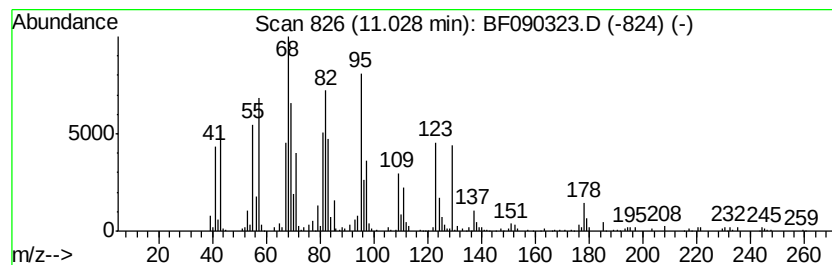
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Bicyclo[3.1.1]heptane, 2,6,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.03	8.56 ng	368472	Phenanthrene-d10	10.96	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	006876-13-7	55
2	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	52
3	Citronellvl isobutvrate	226	C14H26O2	000097-89-2	35
4	(-)-trans-Pinane	138	C10H18	033626-25-4	30
5	2-Dodecyne	166	C12H22	000629-49-2	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090323.D
Acq On : 30 Sep 2016 20:22
Operator : UM/SJ
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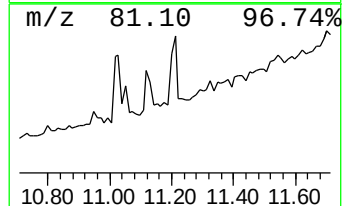
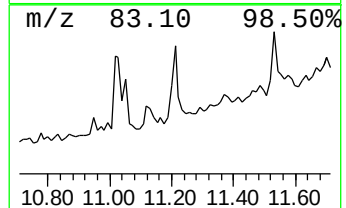
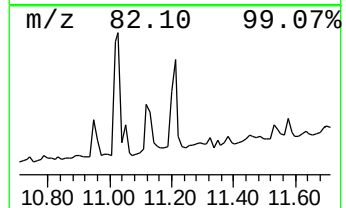
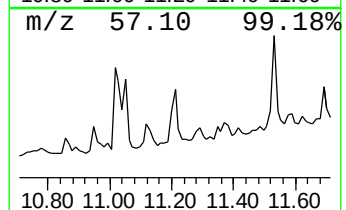
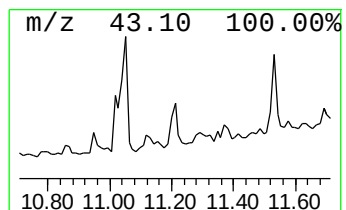
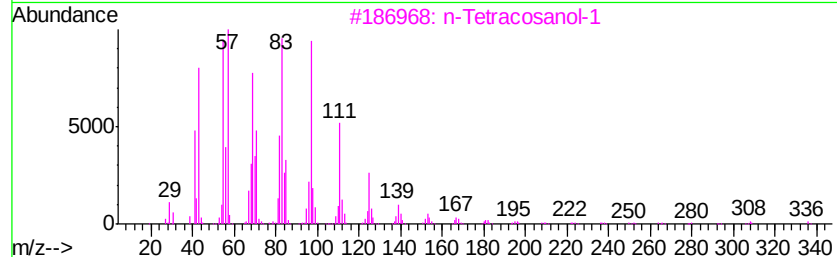
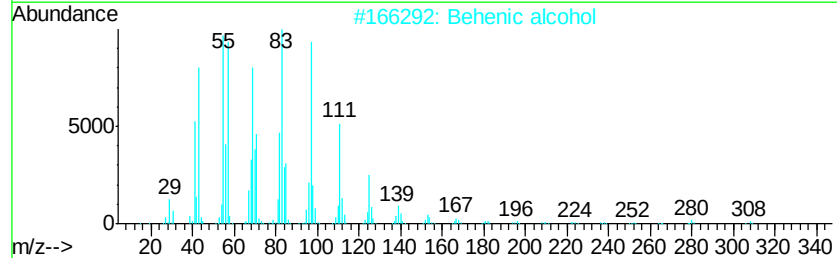
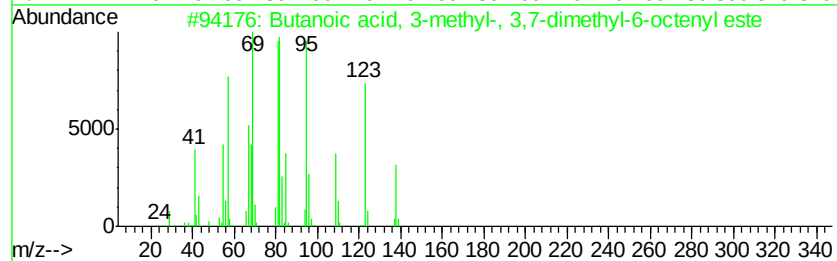
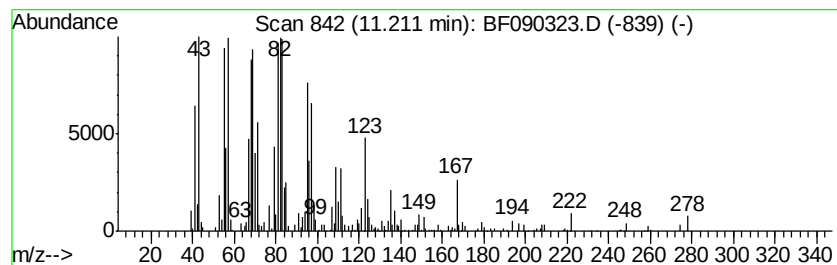
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Butanoic acid, 3-methyl-, 3... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	6.08 ng	261882	Phenanthrene-d10	10.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 3-methyl-, 3,7-di...	240	C15H28O2	068922-10-1	50
2		Behenic alcohol	326	C22H46O	000661-19-8	38
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	38
4		Cyclopentane, decyl-	210	C15H30	001795-21-7	38
5		Cyclohexanol, 1-ethynyl-	124	C8H12O	000078-27-3	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
Data File : BF090323.D
Acq On : 30 Sep 2016 20:22
Operator : UM/SJ
Sample : H5023-04 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
WC-AREA-ABI54-09272016

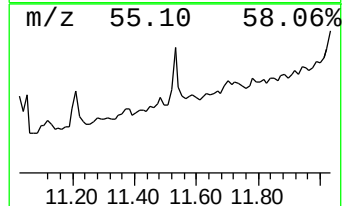
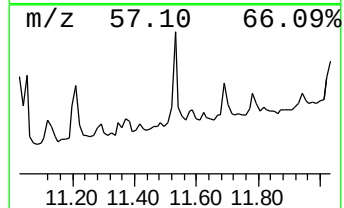
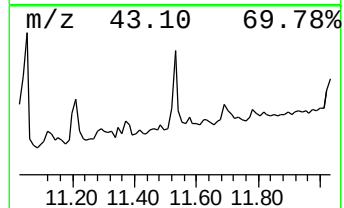
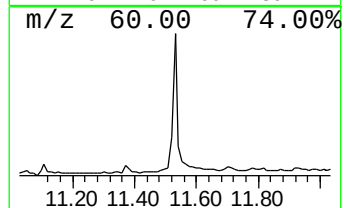
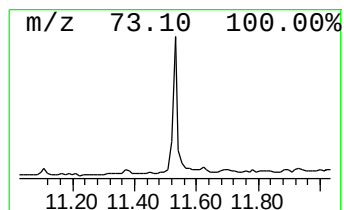
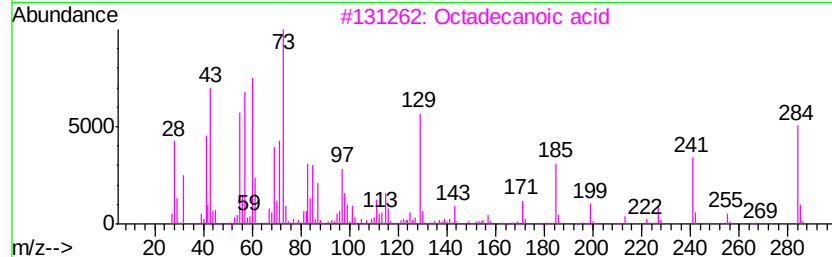
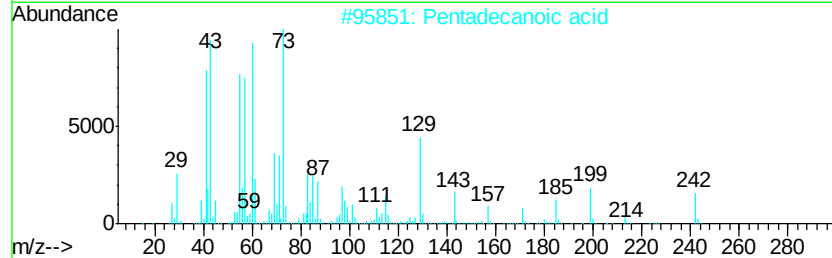
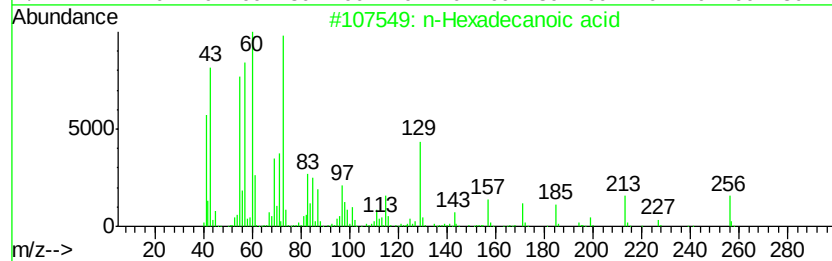
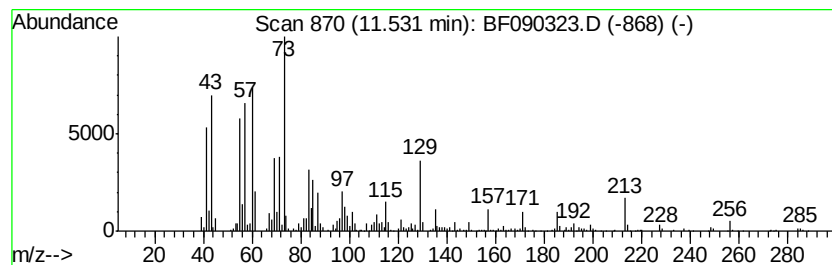
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	7.24 ng	311782	Phenanthrene-d10	10.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3		Octadecanoic acid	284	C18H36O2	000057-11-4	91
4		n-PROPYL NONYL ETHER	186	C12H26O	1000130-69-3	25
5		Tridecane	184	C13H28	000629-50-5	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090323.D
Acq On : 30 Sep 2016 20:22
Operator : UM/SJ
Sample : H5023-04 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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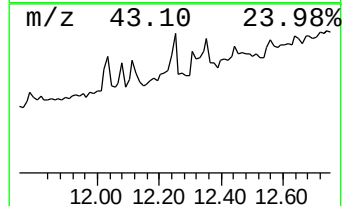
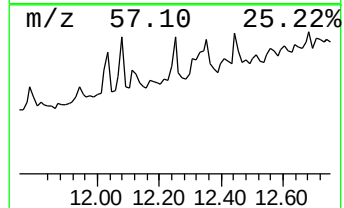
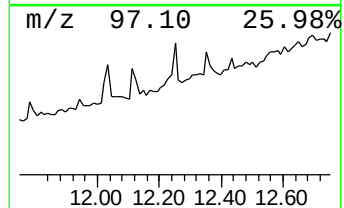
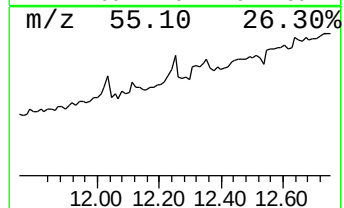
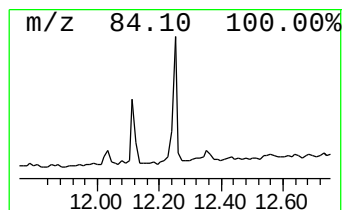
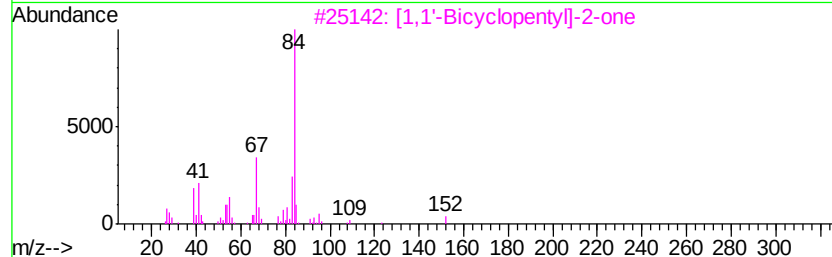
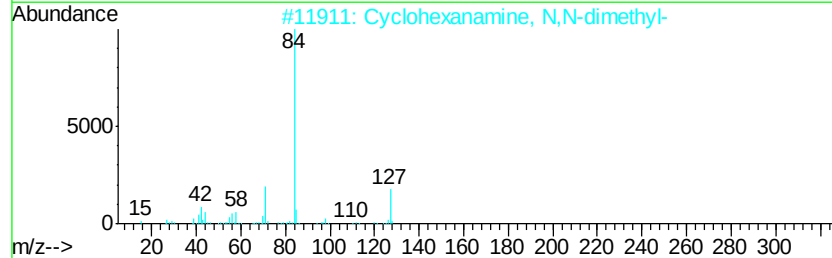
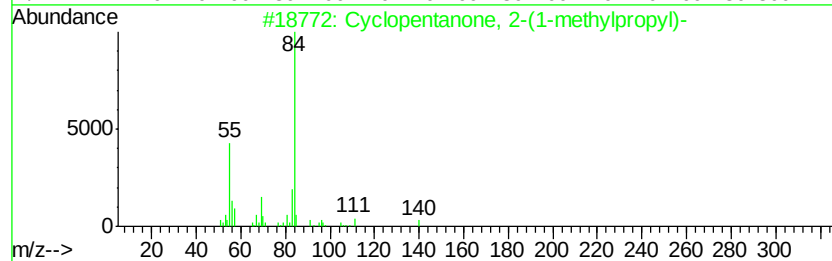
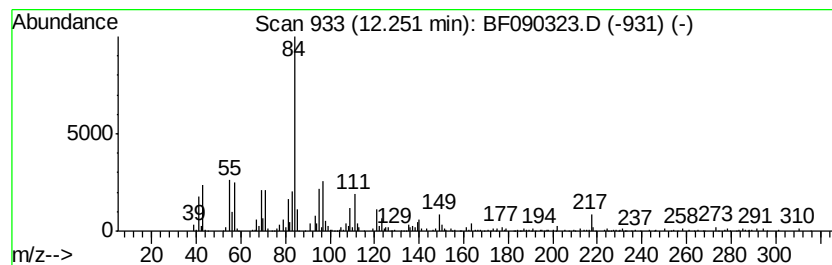
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown12.25 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	4.05 ng	174483	Phenanthrene-d10	10.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentanone, 2-(1-methylpropyl)-	140	C9H16O	006376-92-7	47
2		Cyclohexanamine, N,N-dimethyl-	127	C8H17N	000098-94-2	46
3		[1,1'-Bicyclopentyl]-2-one	152	C10H16O	004884-24-6	43
4		Ethyl 7-(2-oxocyclopentyl)heptan...	240	C14H24O3	040687-10-3	40
5		2H-Azepin-2-one, 3-(dimethylamin...	156	C8H16N2O	070394-23-9	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
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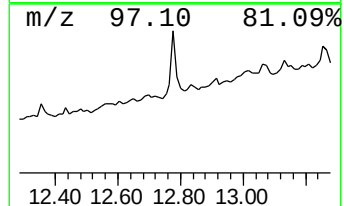
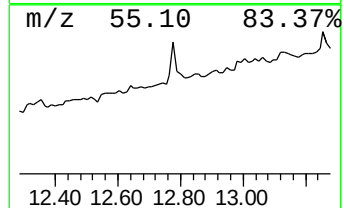
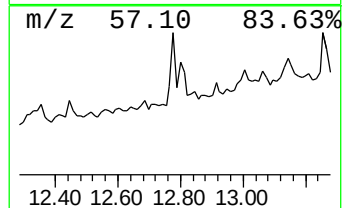
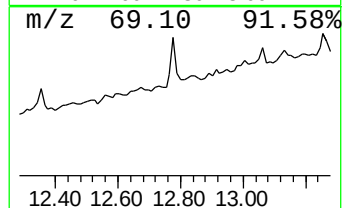
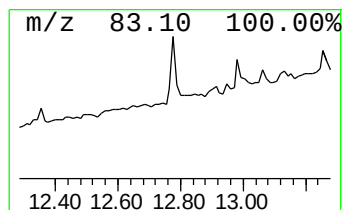
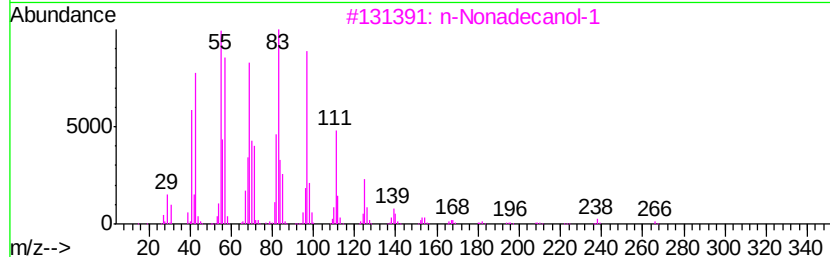
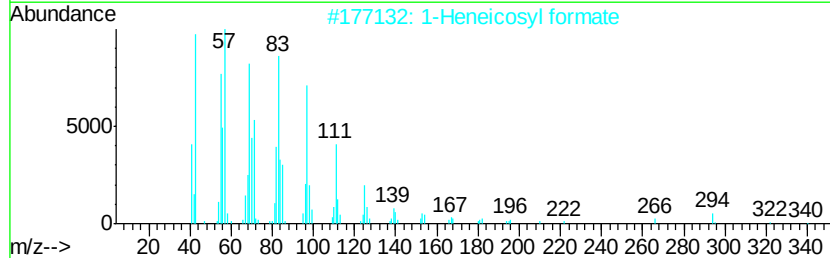
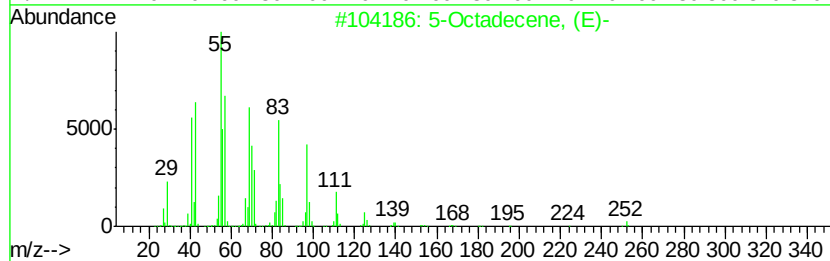
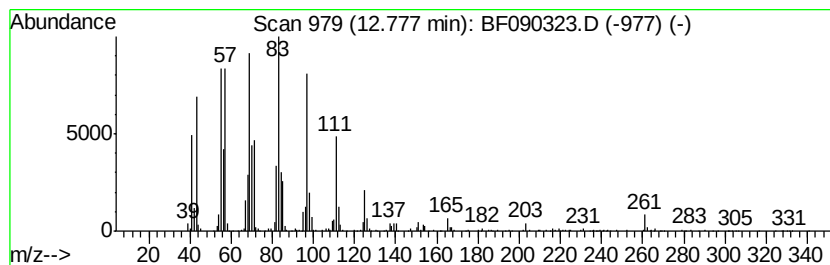
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 5-Octadecene, (E)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.78	11.19 ng	368214	Chrysene-d12	13.58	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	97
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	97
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	1-Nonadecene	266	C19H38	018435-45-5	93
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
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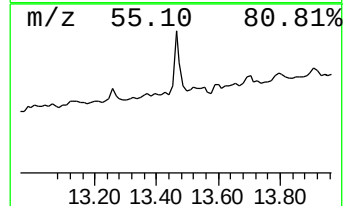
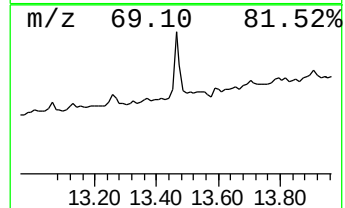
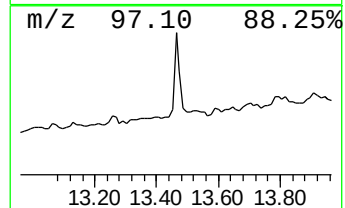
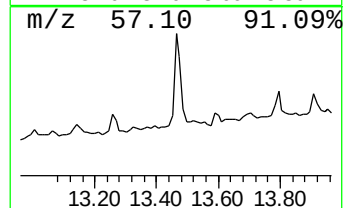
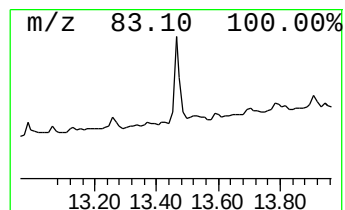
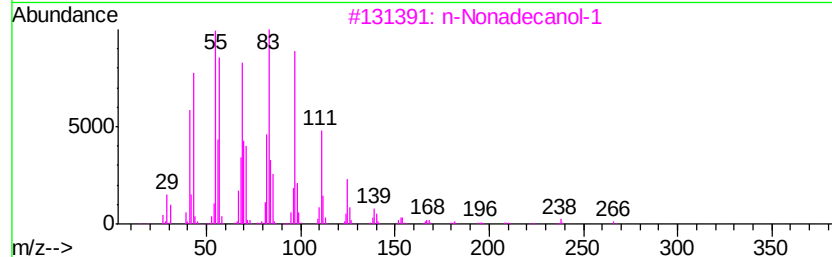
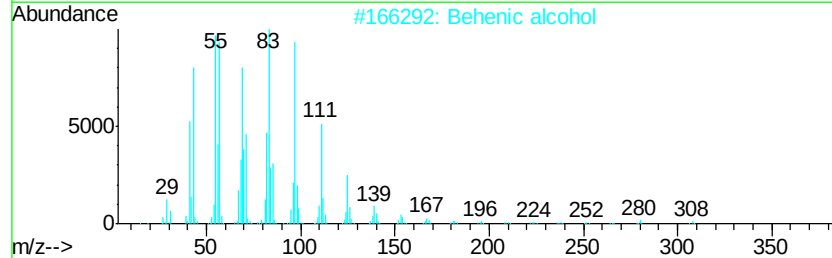
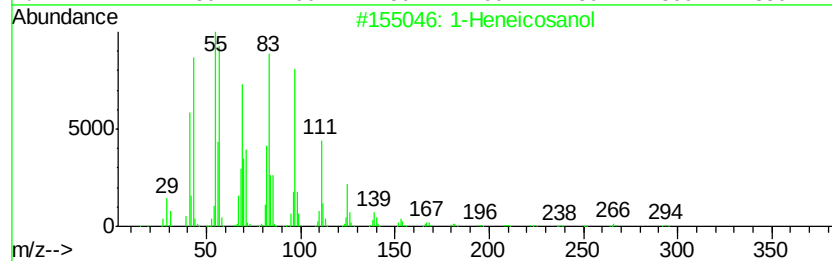
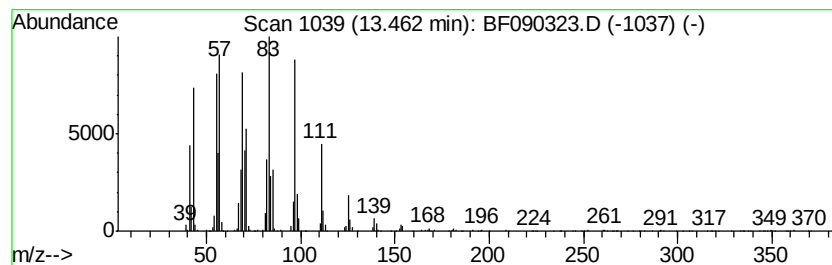
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 1-Heneicosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	30.66 ng	1008590	Chrysene-d12	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	95
2		Behenic alcohol	326	C22H46O	000661-19-8	93
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	93
4		1-Nonadecene	266	C19H38	018435-45-5	91
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
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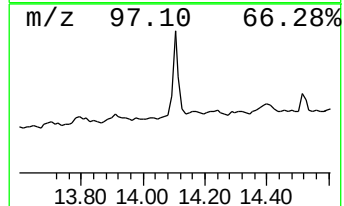
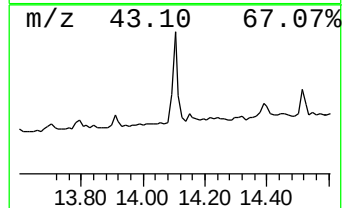
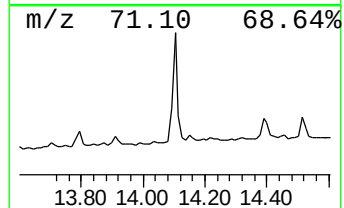
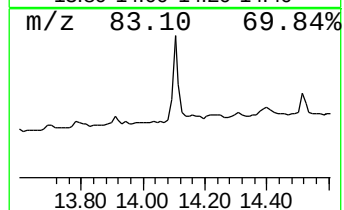
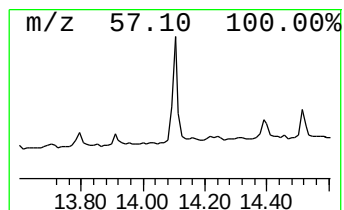
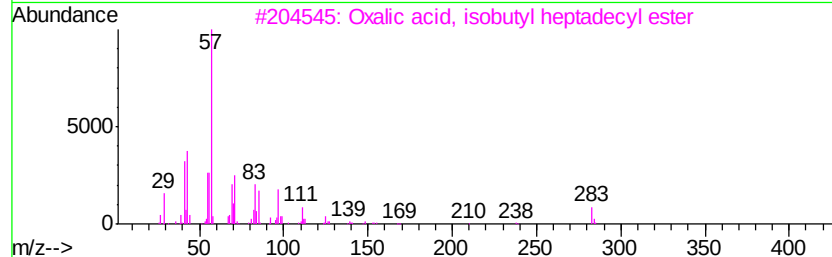
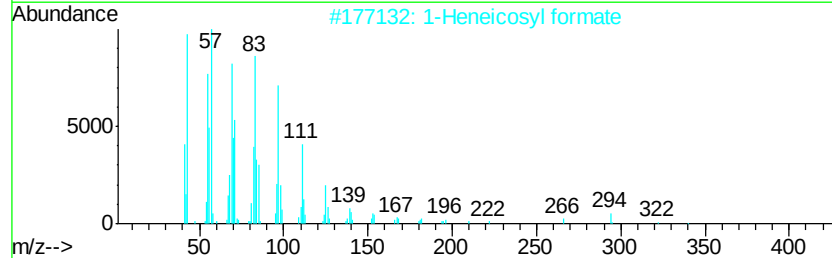
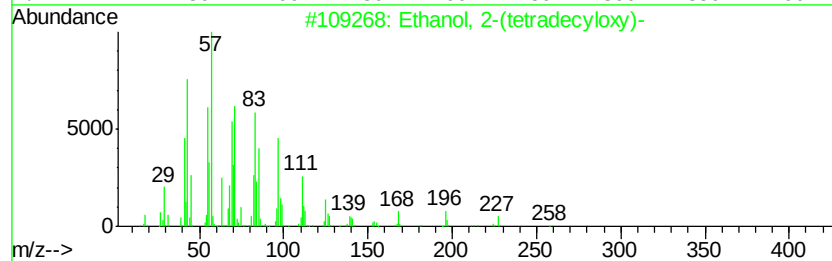
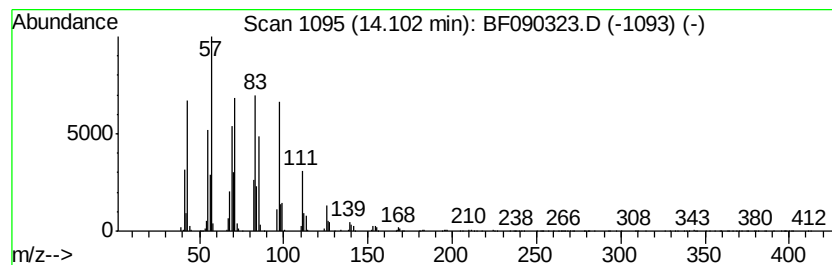
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Ethanol, 2-(tetradecyloxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	40.62 ng	1336430	Chrysene-d12	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
3		Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	91
4		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	90
5		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090323.D
Acq On : 30 Sep 2016 20:22
Operator : UM/SJ
Sample : H5023-04 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-AREA-ABI54-09272016

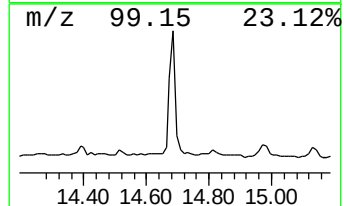
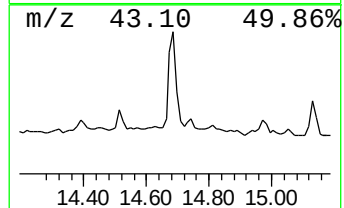
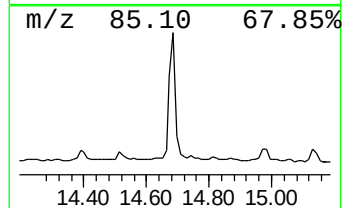
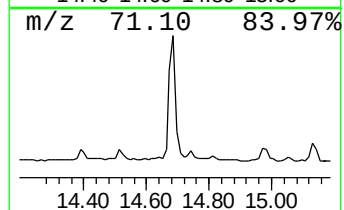
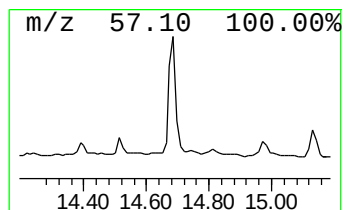
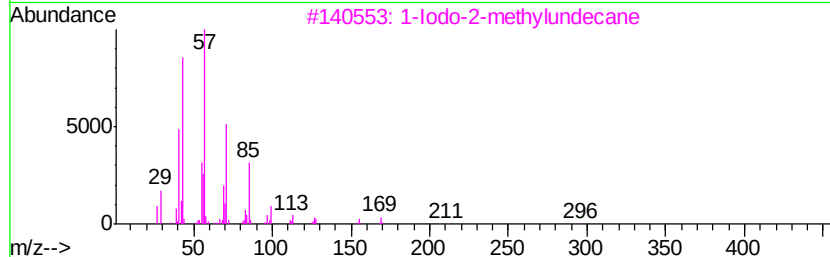
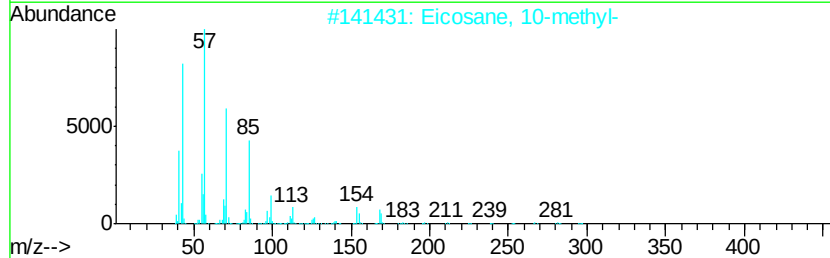
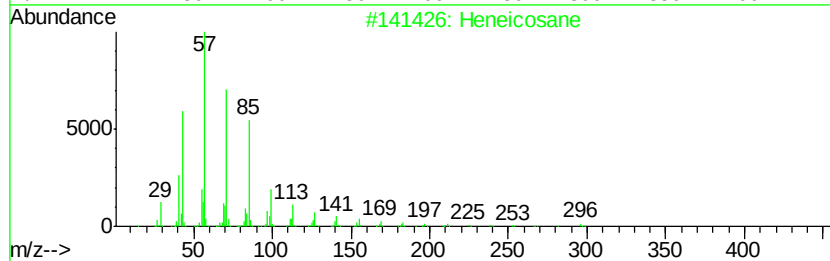
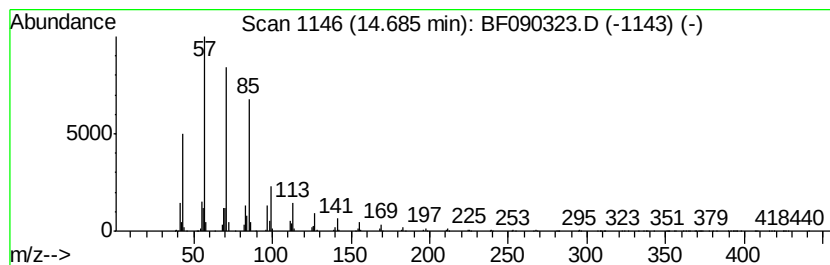
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	39.66 ng	1699180	Perylene-d12	14.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	98
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90
4		Triacontane	422	C30H62	000638-68-6	90
5		2-Bromotetradecane	276	C14H29Br	074036-95-6	90



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Data File : BF090323.D
Acq On : 30 Sep 2016 20:22
Operator : UM/SJ
Sample : H5023-04 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

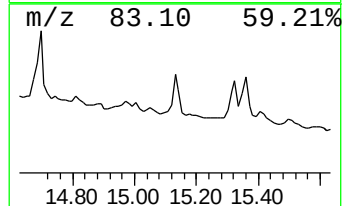
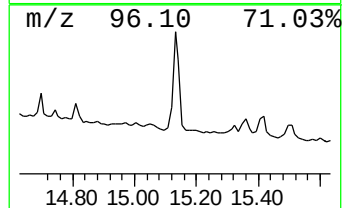
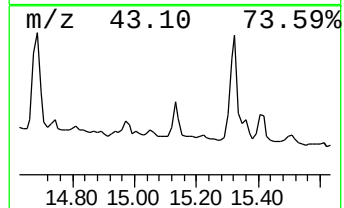
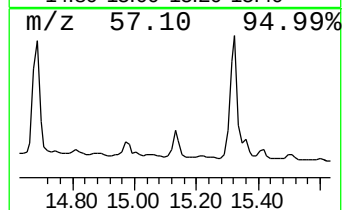
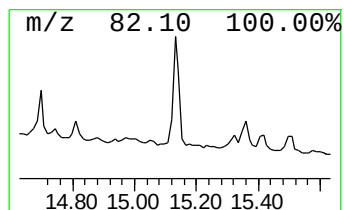
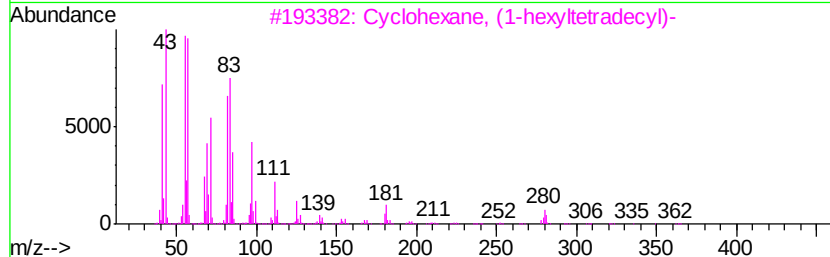
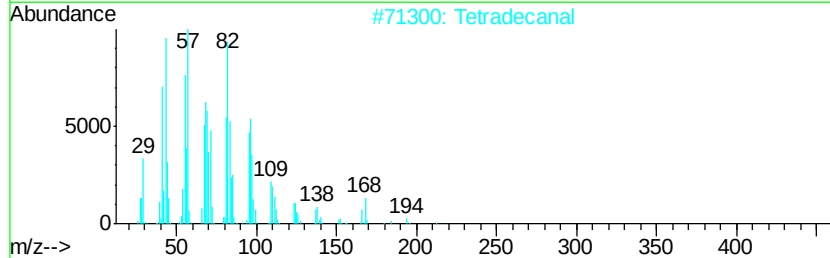
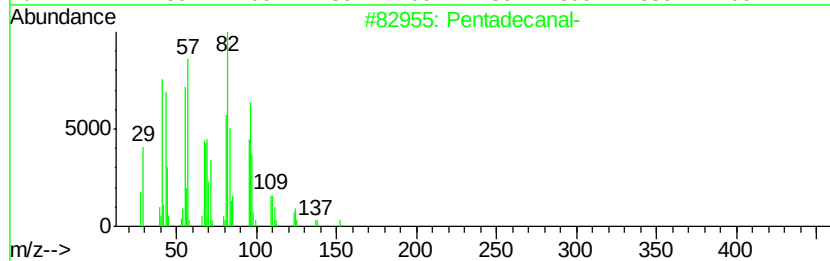
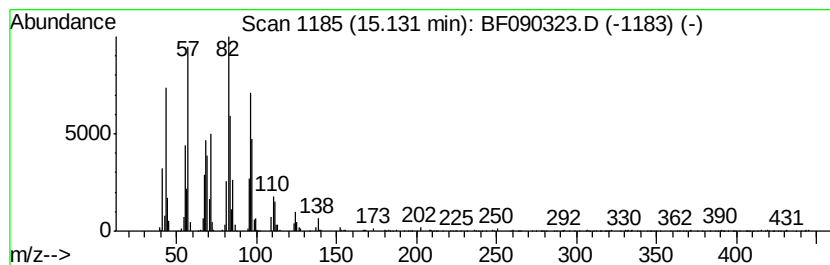
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Pentadecanal- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	20.00 ng	856820	Perylene-d12	14.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentadecanal-	226 C15H30O	002765-11-9 86
2		Tetradecanal	212 C14H28O	000124-25-4 74
3		Cyclohexane, (1-hexyltetradecyl)-	364 C26H52	004443-60-1 43
4		Eicosane, 9-cyclohexyl-	364 C26H52	004443-61-2 43
5		Ecgonine methyl ester	199 C10H17NO3	106293-60-1 38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
Data File : BF090323.D
Acq On : 30 Sep 2016 20:22
Operator : UM/SJ
Sample : H5023-04 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-AREA-ABI54-09272016

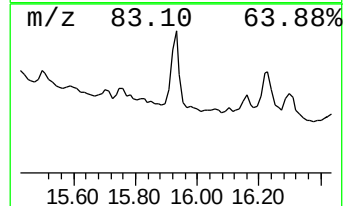
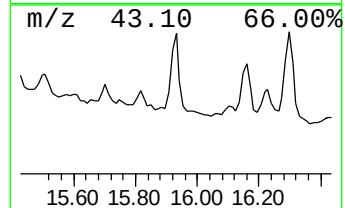
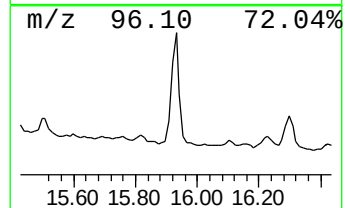
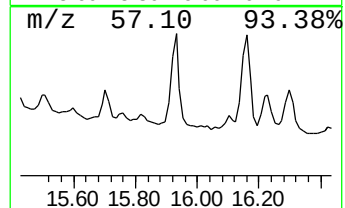
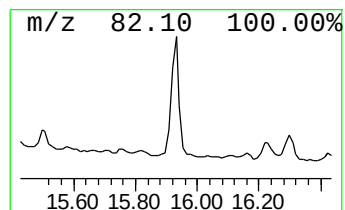
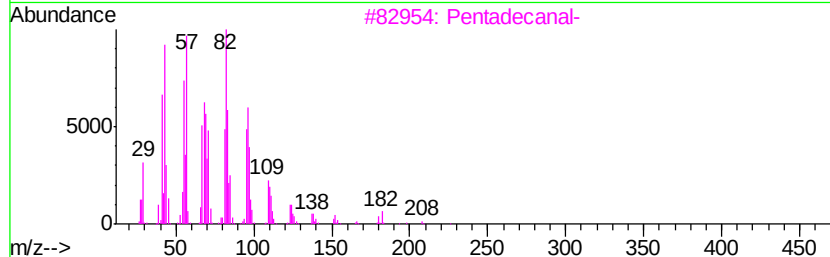
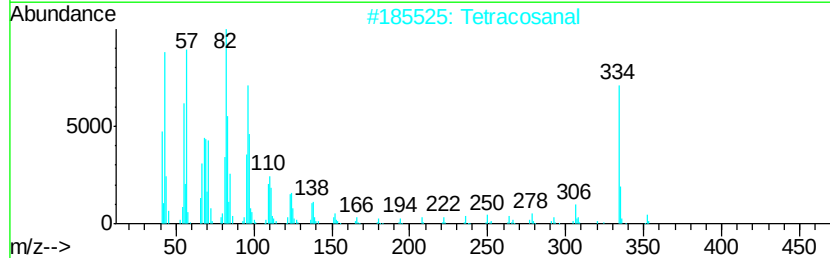
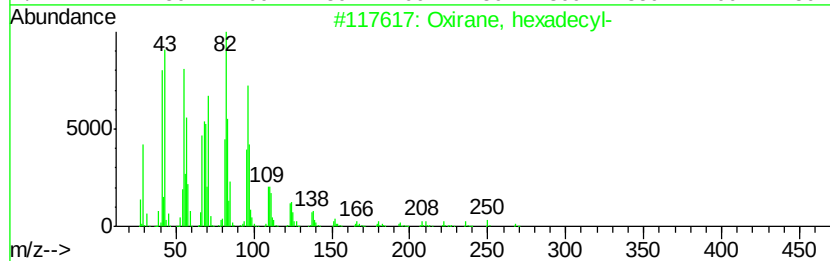
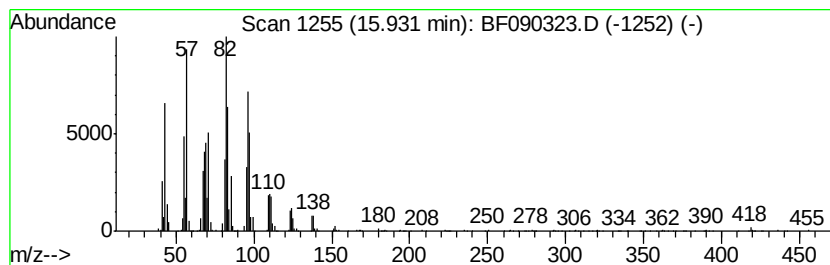
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Oxirane, hexadecyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	37.24 ng	1595480	Perylene-d12	14.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2		Tetracosanal	352	C24H48O	057866-08-7	90
3		Pentadecanal-	226	C15H30O	002765-11-9	89
4		Octadecanal	268	C18H36O	000638-66-4	72
5		Hexadecanal	240	C16H32O	000629-80-1	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
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Acq On : 30 Sep 2016 20:22
Operator : UM/SJ
Sample : H5023-04 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

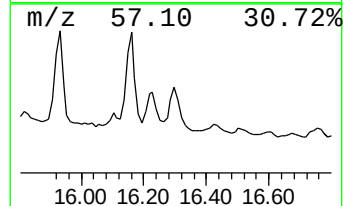
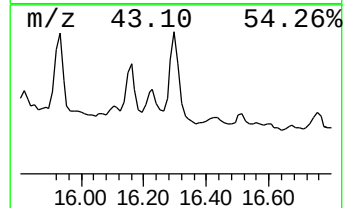
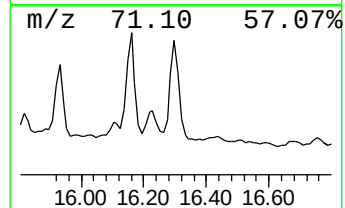
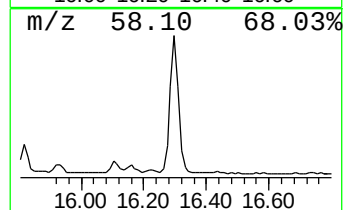
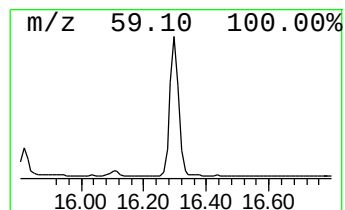
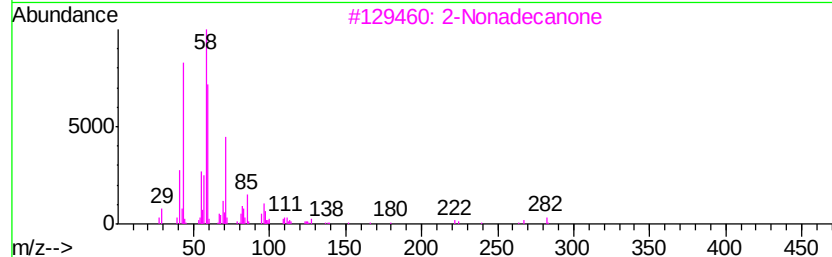
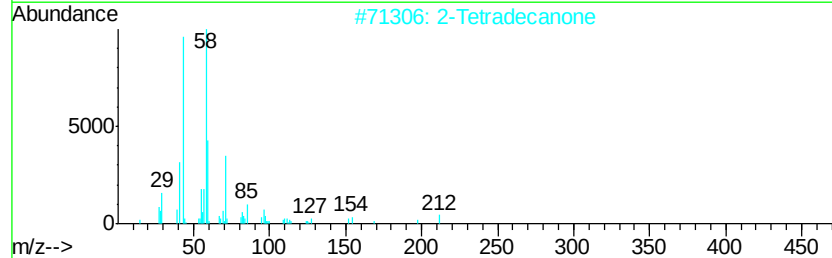
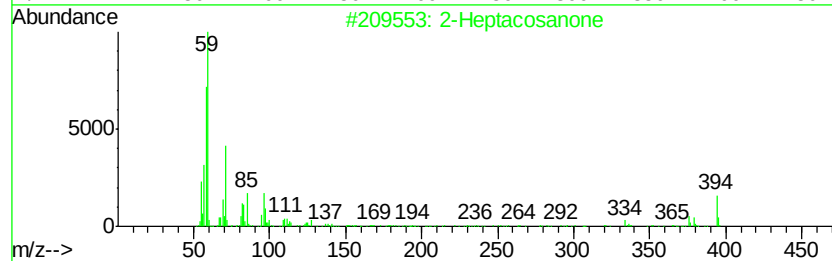
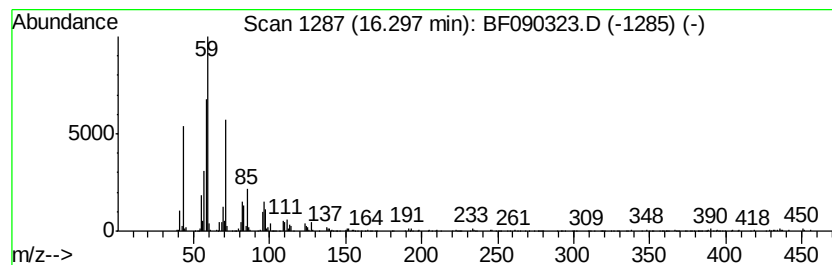
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 2-Heptacosanone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	28.02 ng	1200320	Perylene-d12	14.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Heptacosanone	394 C27H54O	007796-19-2	83
2	2-Tetradecanone	212 C14H28O	002345-27-9	59
3	2-Nonadecanone	282 C19H38O	000629-66-3	59
4	Oxirane, 3-ethyl-2,2-dimethyl-	100 C6H12O	001192-22-9	52
5	2-Pentadecanone	226 C15H30O	002345-28-0	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
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Acq On : 30 Sep 2016 20:22
Operator : UM/SJ
Sample : H5023-04 5X
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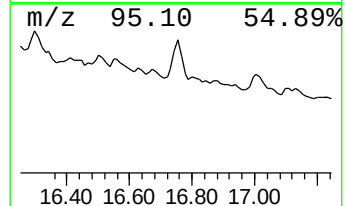
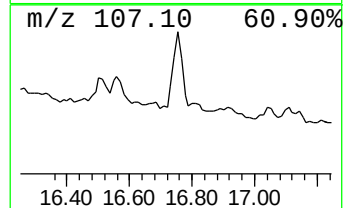
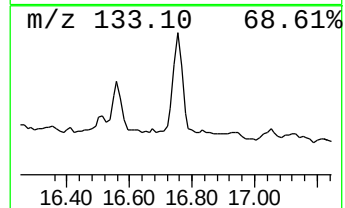
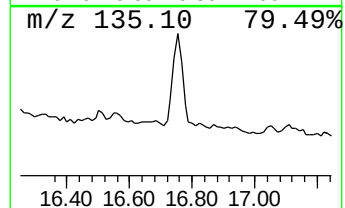
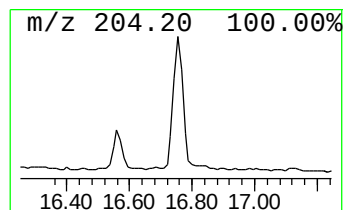
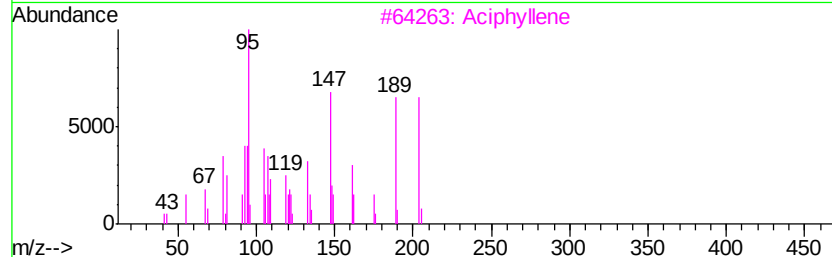
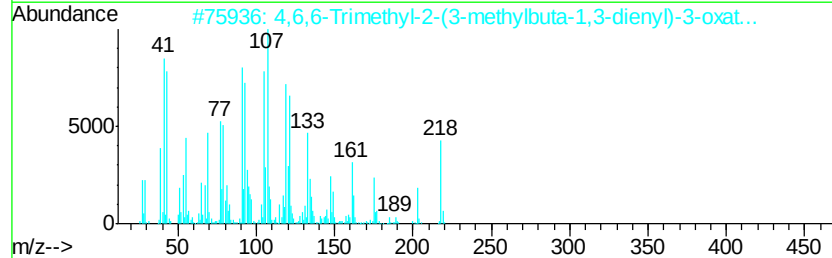
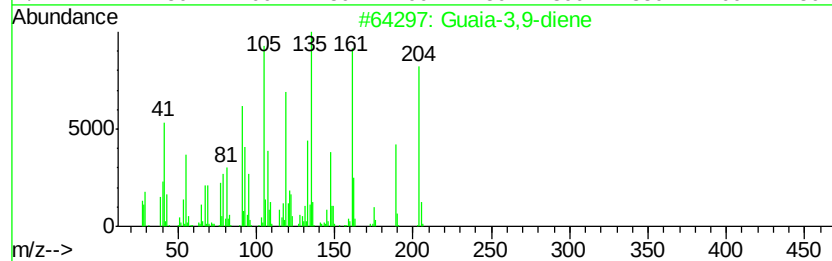
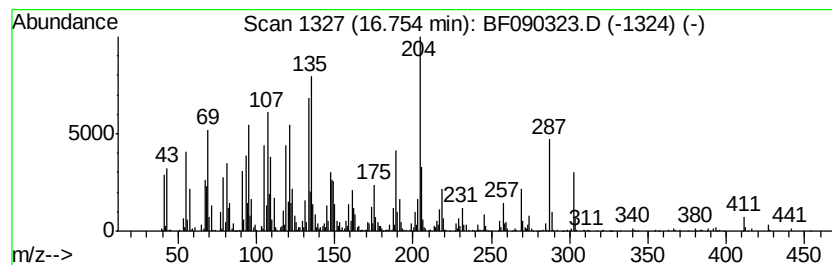
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Guaia-3,9-diene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	22.37 ng	958234	Perylene-d12	14.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Guaia-3,9-diene	204 C15H24	000489-83-8 50
2		4,6,6-Trimethyl-2-(3-methylbuta-...	218 C15H22O	1000190-22-2 45
3		Aciphyllene	204 C15H24	087745-31-1 43
4		2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204 C14H20O	124957-09-1 38
5		2H-Cyclopentacyclooctene, 4,5,6,...	204 C15H24	1000221-85-8 35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
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 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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2-Pentanol, 4-met...	2.78	12.2	ng	471653	1	6.46	775239	20.0
unknown6.23	6.23	10.0	ng	386169	1	6.46	775239	20.0
1-Hexanol, 2-ethyl-	6.55	12.1	ng	467886	1	6.46	775239	20.0
Isoborneol	8.09	5.3	ng	268225	2	7.75	1019990	20.0
Bicyclo[3.1.1]hep...	11.03	8.6	ng	368472	4	10.96	861184	20.0
Butanoic acid, 3-...	11.21	6.1	ng	261882	4	10.96	861184	20.0
n-Hexadecanoic acid	11.53	7.2	ng	311782	4	10.96	861184	20.0
unknown12.25	12.25	4.0	ng	174483	4	10.96	861184	20.0
5-Octadecene, (E)-	12.78	11.2	ng	368214	5	13.58	657976	20.0
1-Heneicosanol	13.46	30.7	ng	1008590	5	13.58	657976	20.0
Ethanol, 2-(tetra...	14.10	40.6	ng	1336430	5	13.58	657976	20.0
Heneicosane	14.69	39.7	ng	1699180	6	14.91	856820	20.0
Pentadecanal-	15.13	20.0	ng	856820	6	14.91	856820	20.0
Oxirane, hexadecyl-	15.93	37.2	ng	1595480	6	14.91	856820	20.0
2-Heptacosanone	16.30	28.0	ng	1200320	6	14.91	856820	20.0
Guaia-3,9-diene	16.75	22.4	ng	958234	6	14.91	856820	20.0