

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
 Data File : BF082701.D
 Acq On : 4 Nov 2015 15:19
 Operator : UM/IZ
 Sample : G4240-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(4-6)

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-BF103015.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	5.059	256	260	267	rVB	2158685	3857948	50.57%	5.577%
2	5.481	293	297	299	rBV	5232524	6747073	88.44%	9.754%
3	6.499	383	386	389	rBV	5057215	5809356	76.15%	8.398%
4	6.636	395	398	400	rBV	6435514	6544989	85.79%	9.462%
5	6.864	415	418	420	rBV	1585072	1309916	17.17%	1.894%
6	7.024	429	432	434	rBV	5063616	4871234	63.85%	7.042%
7	7.424	464	467	470	rBV	3551296	3928097	51.49%	5.679%
8	8.145	528	530	533	rBV	1381271	1586847	20.80%	2.294%
9	9.230	622	625	627	rBV	7174843	7113363	93.24%	10.283%
10	9.619	656	659	661	rBV	1505136	1297138	17.00%	1.875%
11	9.905	681	684	686	rBV	2337473	2097990	27.50%	3.033%
12	10.328	717	721	722	rBV	187971	277155	3.63%	0.401%
13	10.693	749	753	755	rBV	5549438	5856382	76.76%	8.466%
14	10.819	762	764	769	rVB	65931	90181	1.18%	0.130%
15	11.265	801	803	805	rBV	95131	82109	1.08%	0.119%
16	11.379	811	813	816	rVB	1635858	2161083	28.33%	3.124%
17	11.928	858	861	863	rBV	1189023	1171822	15.36%	1.694%
18	12.625	917	922	926	rBV5	31750	86584	1.13%	0.125%
19	12.705	927	929	936	rVV2	273935	380365	4.99%	0.550%
20	12.808	936	938	940	rVV	418309	370118	4.85%	0.535%
21	12.876	940	944	947	rVB2	43639	85113	1.12%	0.123%
22	12.979	950	953	955	rBV	7639189	7629079	100.00%	11.029%
23	13.516	997	1000	1002	rBV	210608	285013	3.74%	0.412%
24	13.882	1029	1032	1042	rBV2	587535	1052266	13.79%	1.521%
25	14.019	1042	1044	1047	rVV	1973833	2095887	27.47%	3.030%
26	14.214	1058	1061	1063	rBV	73824	108024	1.42%	0.156%
27	14.522	1086	1088	1096	rBV	120868	175824	2.30%	0.254%
28	14.797	1110	1112	1114	rBV	48510	83714	1.10%	0.121%
29	14.899	1119	1121	1124	rVB	163873	176399	2.31%	0.255%
30	15.471	1168	1171	1174	rBV	1362485	1627481	21.33%	2.353%
31	15.997	1215	1217	1222	rBV	109665	216312	2.84%	0.313%

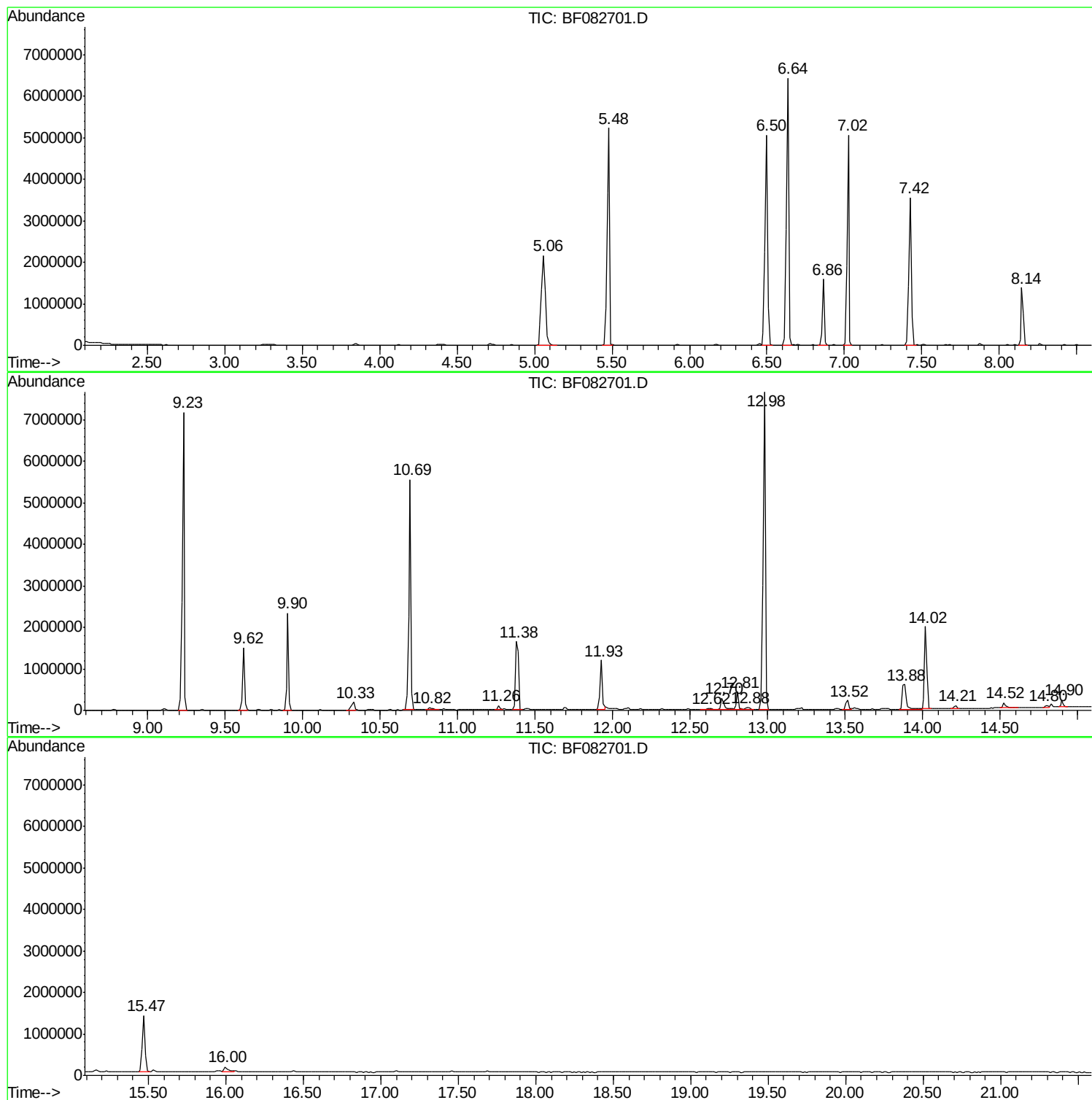
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ClientSampleId :
SB-07(4-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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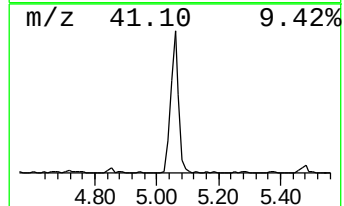
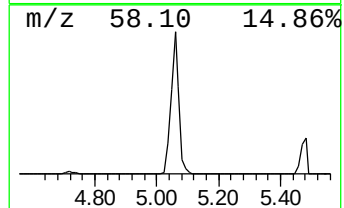
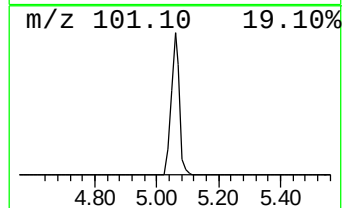
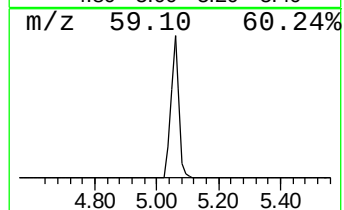
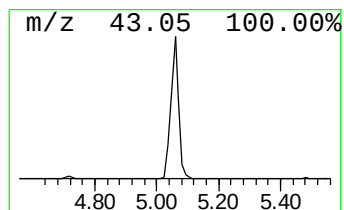
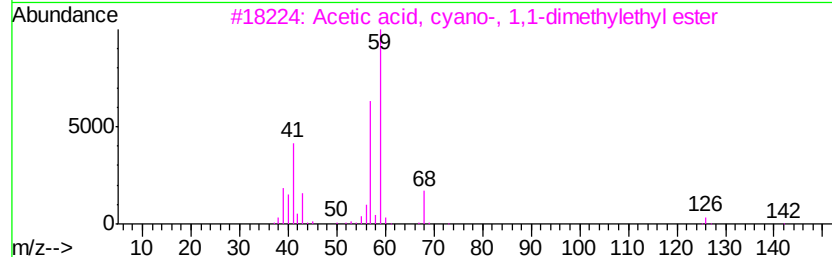
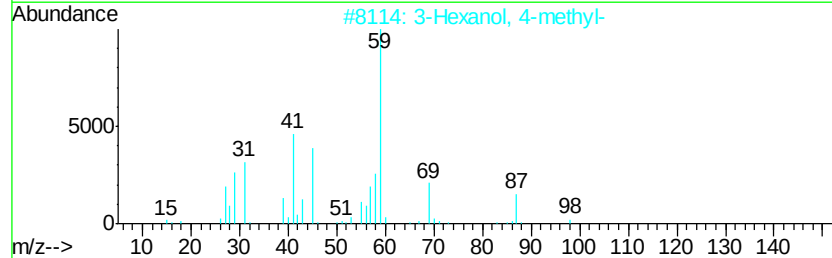
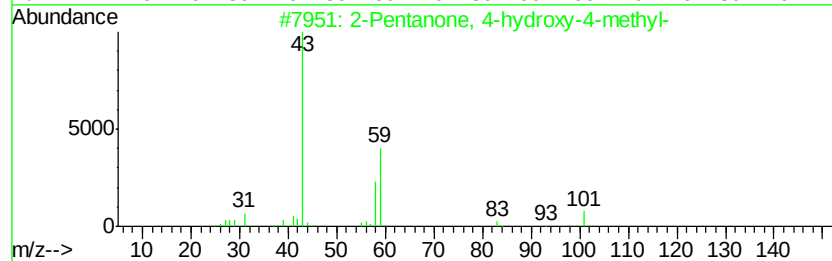
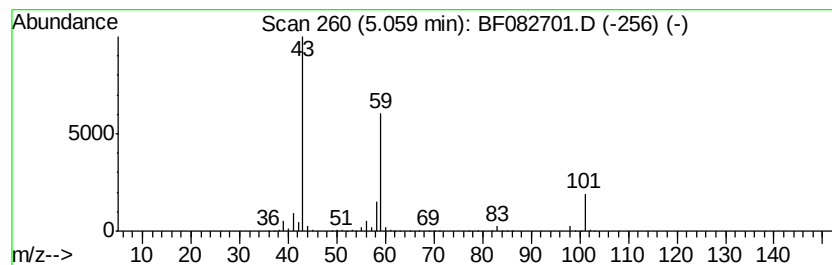
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	58.90 ng	3857950	1,4-Dichlorobenzene-d4	6.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	9



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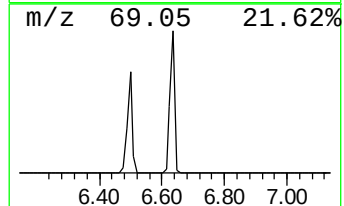
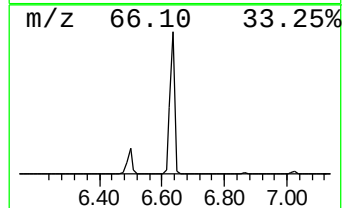
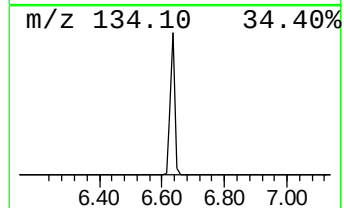
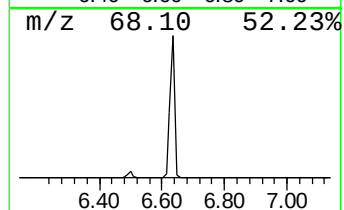
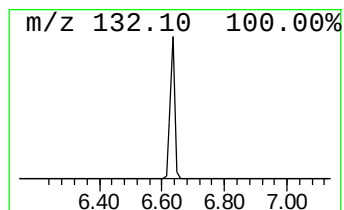
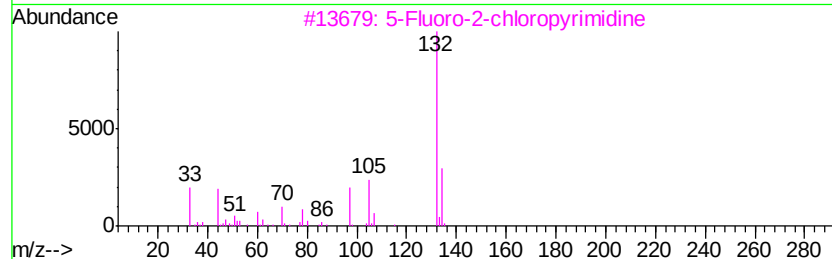
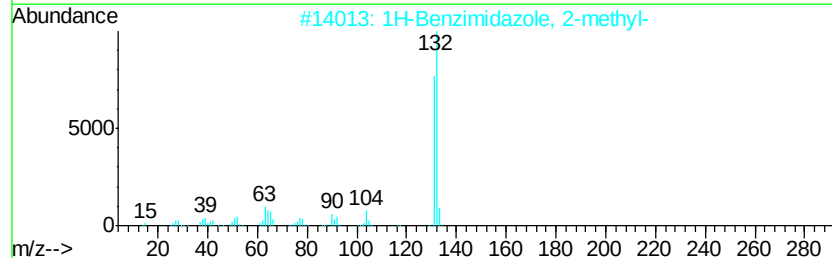
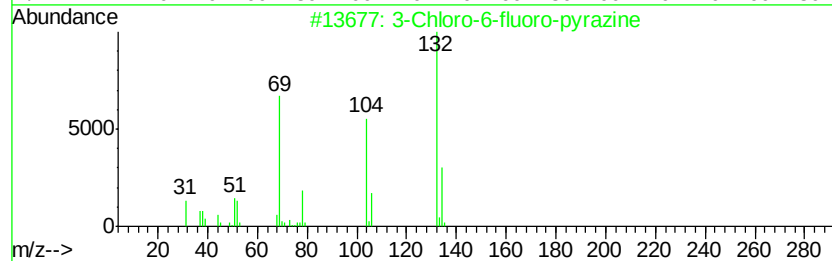
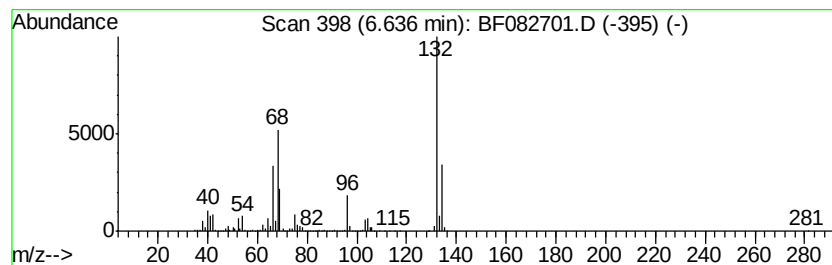
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Peak Number 2 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	99.93 ng	6544990	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10



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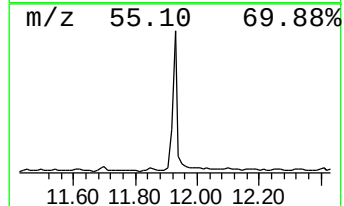
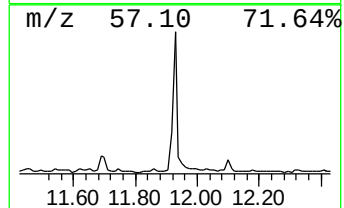
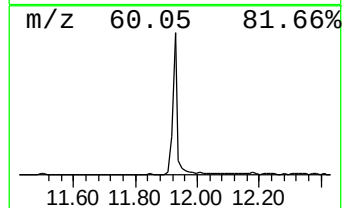
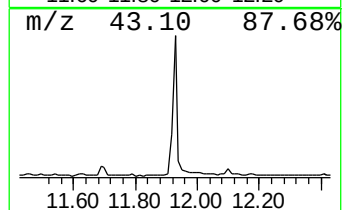
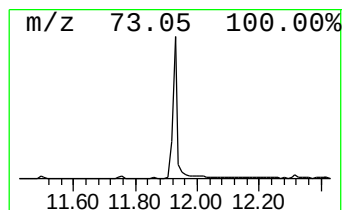
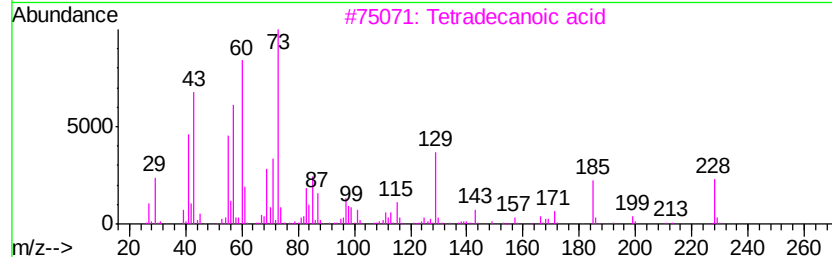
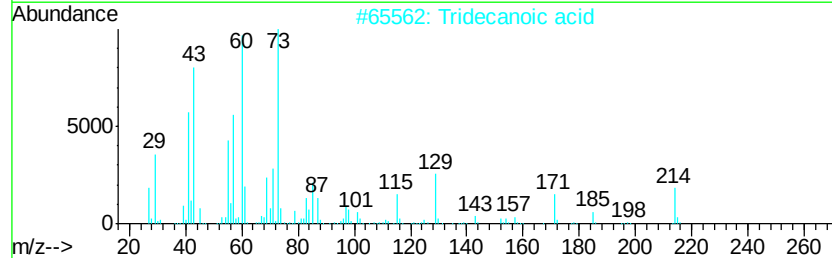
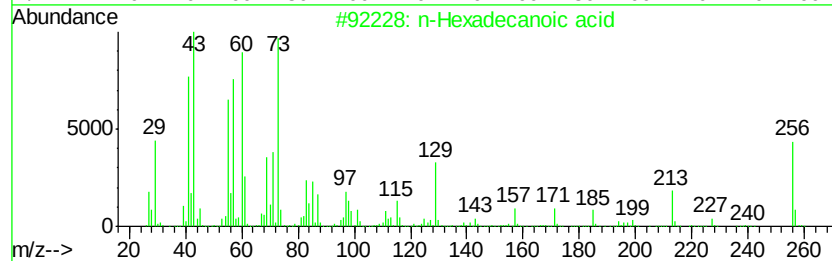
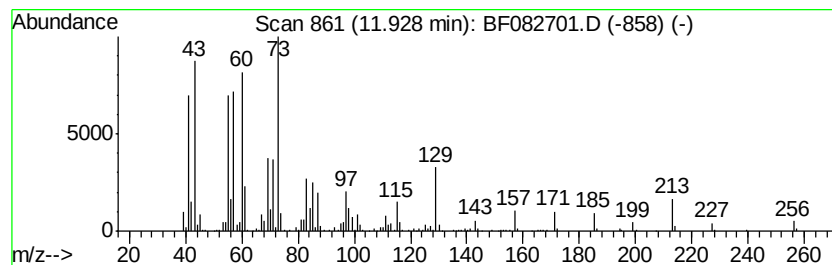
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	10.84 ng	1171820	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	76
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	50
5		11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	43



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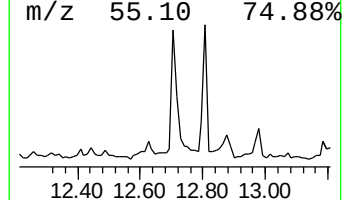
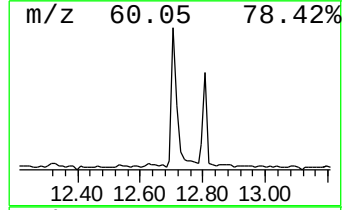
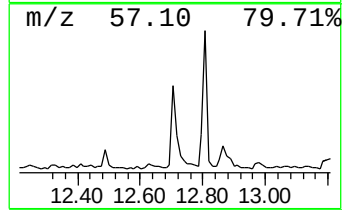
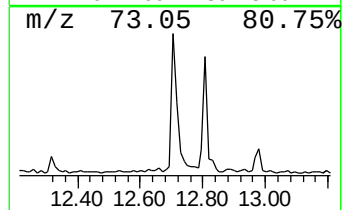
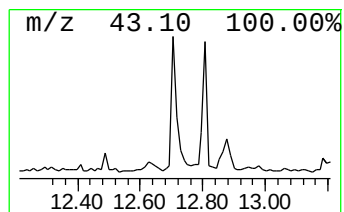
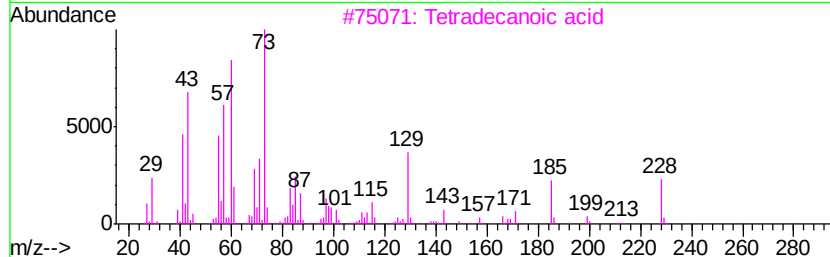
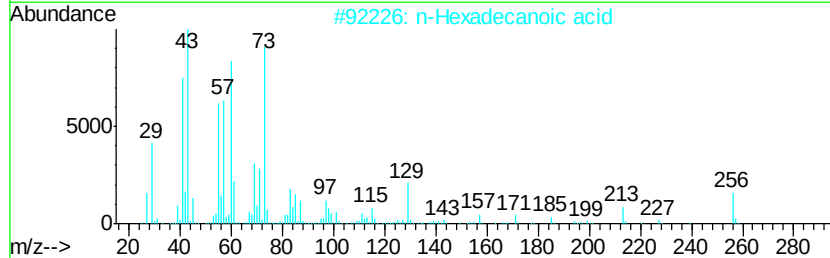
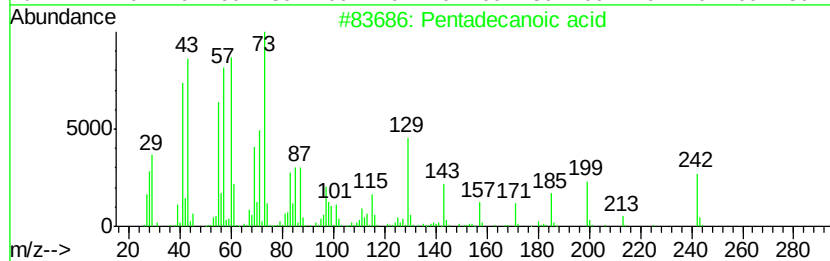
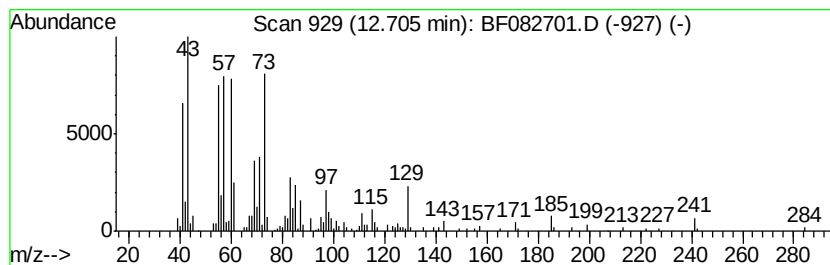
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Pentadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.71	3.63 ng	380365	Chrysene-d12		14.02
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	25
5	Amyl Nitrite	117	C5H11NO2	000110-46-3	22



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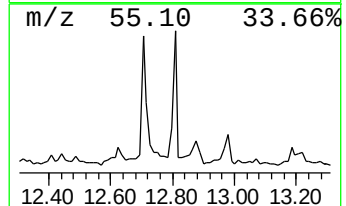
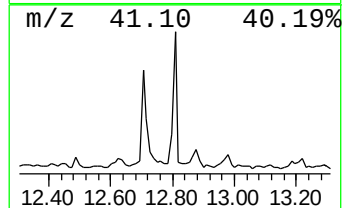
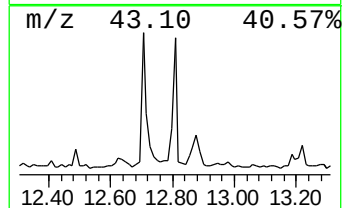
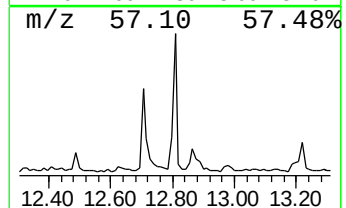
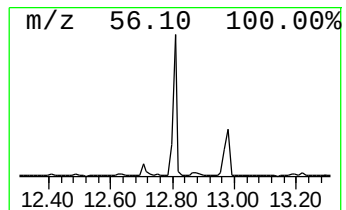
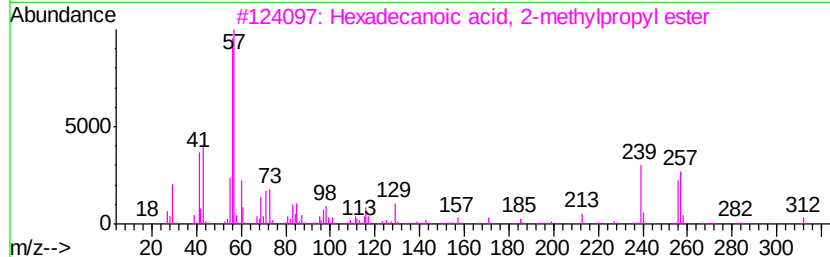
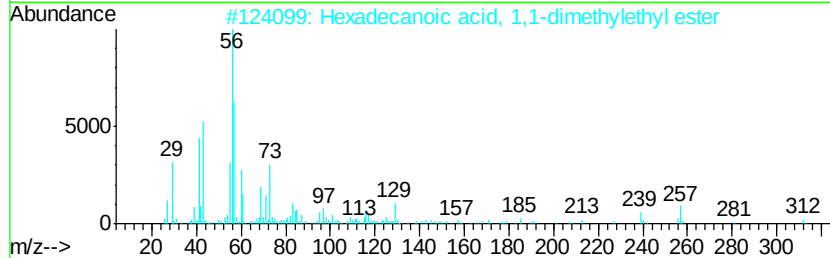
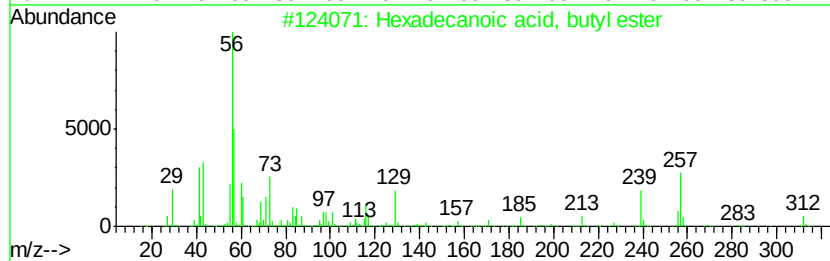
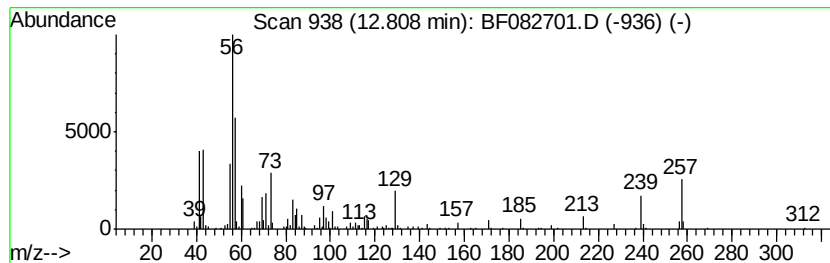
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 Hexadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	3.53 ng	370118	Chrysene-d12	14.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	72
3		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	45
4		1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	30
5		1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	27



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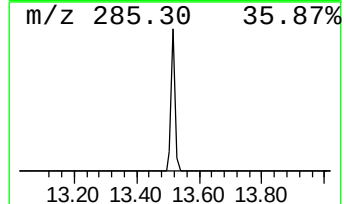
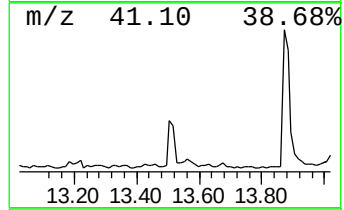
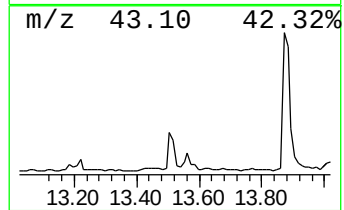
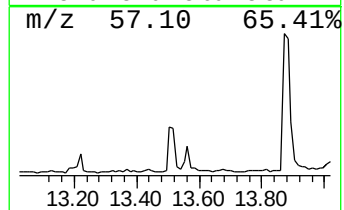
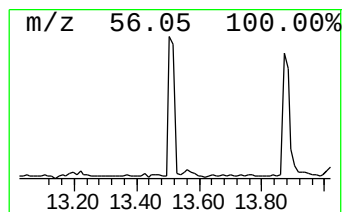
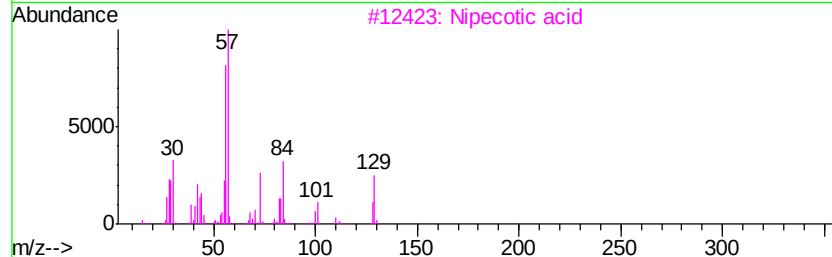
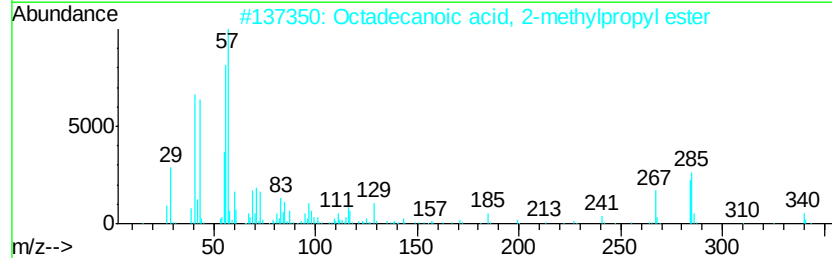
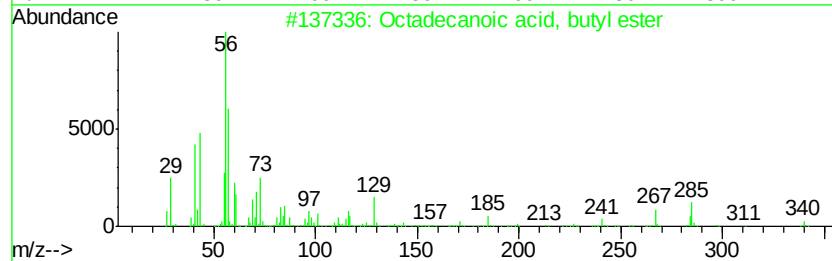
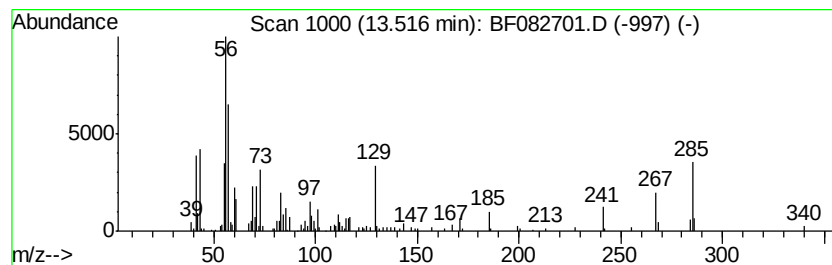
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid, butyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	2.72 ng	285013	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	93
2		Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	80
3		Nipecotic acid	129	C6H11NO2	000498-95-3	43
4		n-Butyl myristate	284	C18H36O2	000110-36-1	38
5		Cyclohexanamine	99	C6H13N	000108-91-8	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110515\
Data File : BF082701.D
Acq On : 4 Nov 2015 15:19
Operator : UM/IZ
Sample : G4240-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07(4-6)

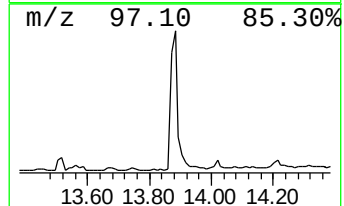
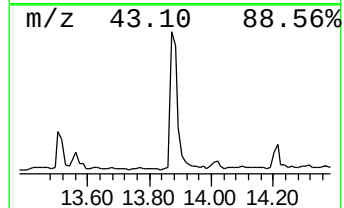
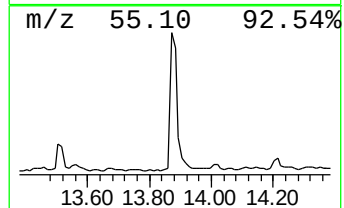
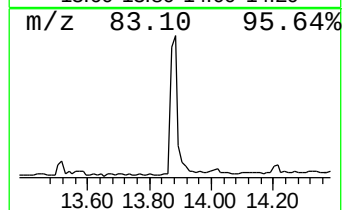
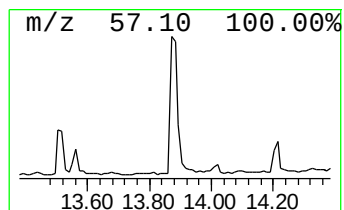
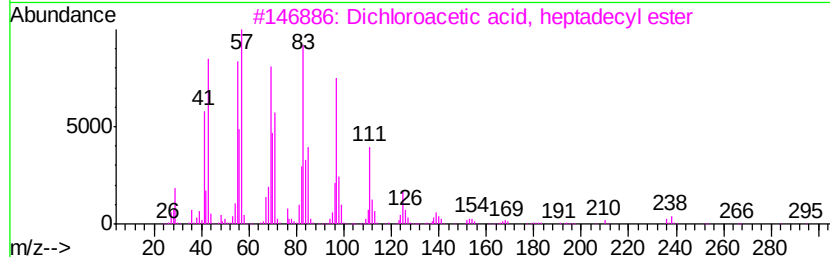
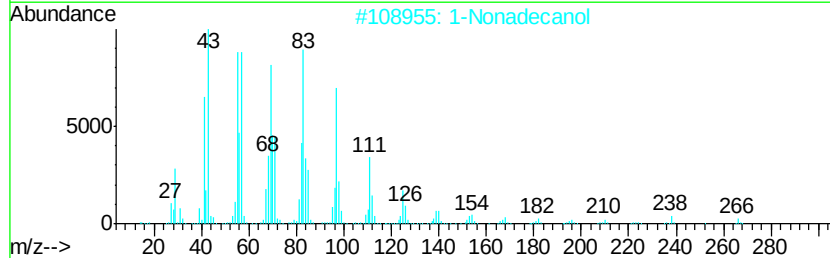
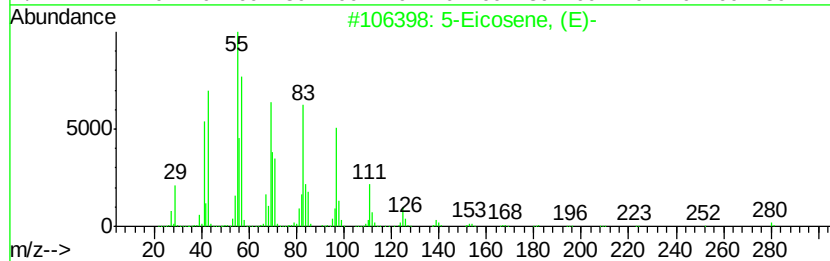
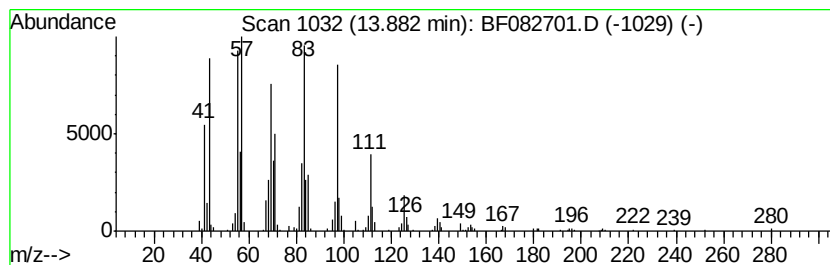
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 5-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	10.04 ng	1052270	Chrysene-d12	14.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-		280	C20H40	074685-30-6	99
2	1-Nonadecanol		284	C19H40O	001454-84-8	93
3	Dichloroacetic acid, heptadecyl ...		366	C19H36Cl2O2	1000282-98-2	90
4	1-Hexadecanol		242	C16H34O	036653-82-4	90
5	Cyclopentadecane		210	C15H30	000295-48-7	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
Data File : BF082701.D
Acq On : 4 Nov 2015 15:19
Operator : UM/IZ
Sample : G4240-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

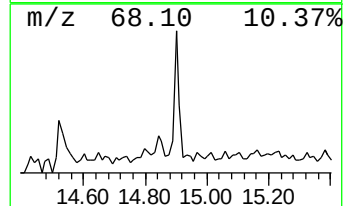
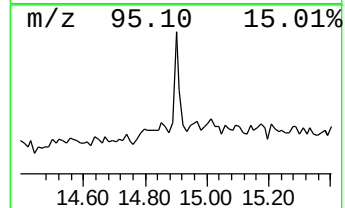
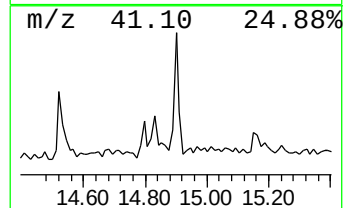
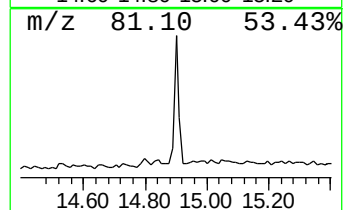
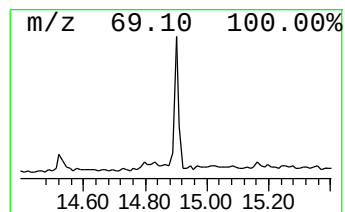
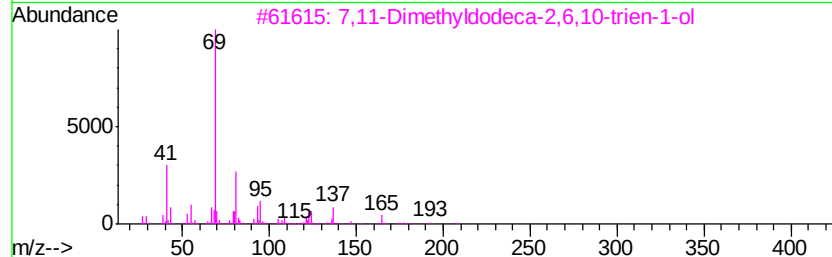
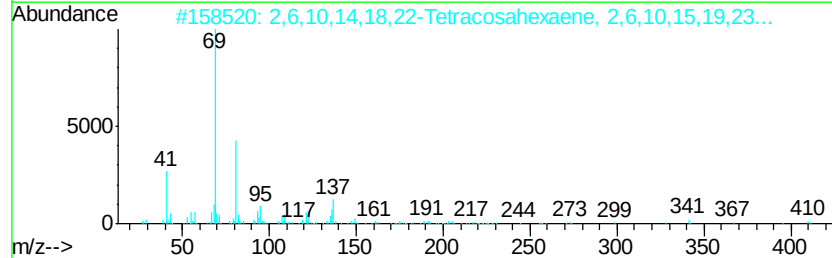
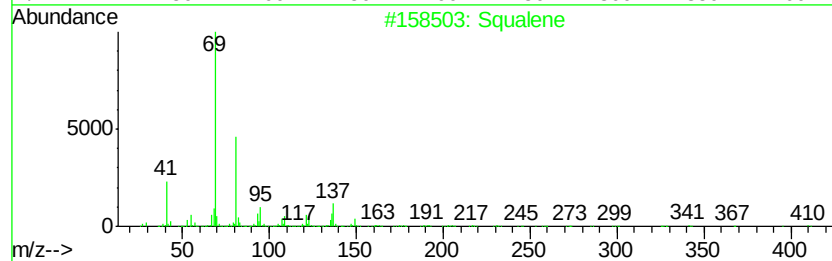
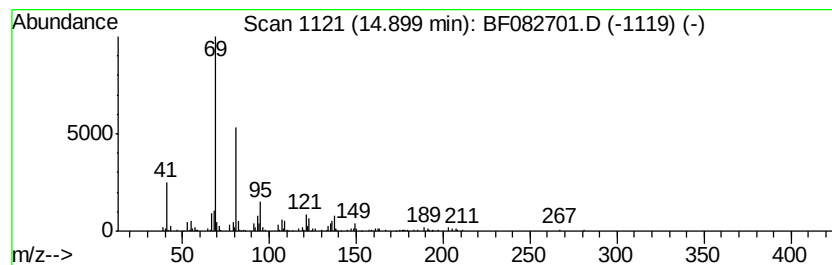
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Squalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	2.17 ng	176399	Perylene-d12	15.47
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	007683-64-9	90
2	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	86
3	7,11-Dimethyldodeca-2,6,10-trien...	208 C14H240	125529-10-4	83
4	4,8,12-Tetradecatrienal, 5,9,13-...	248 C17H280	066408-55-7	72
5	Farnesol isomer a	222 C15H260	1000108-92-4	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110515\
Data File : BF082701.D
Acq On : 4 Nov 2015 15:19
Operator : UM/IZ
Sample : G4240-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07(4-6)

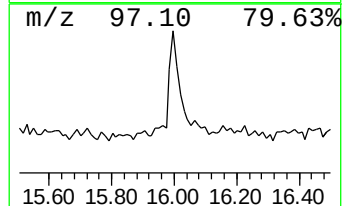
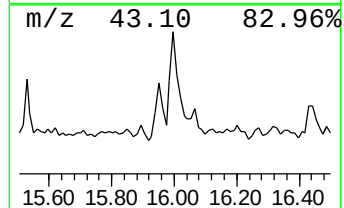
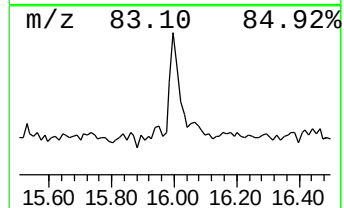
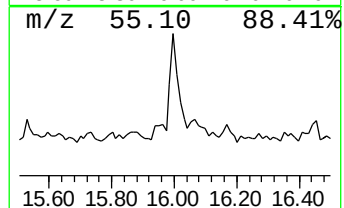
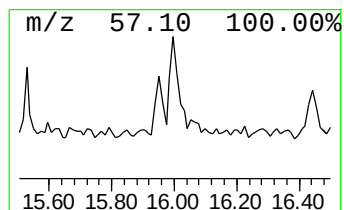
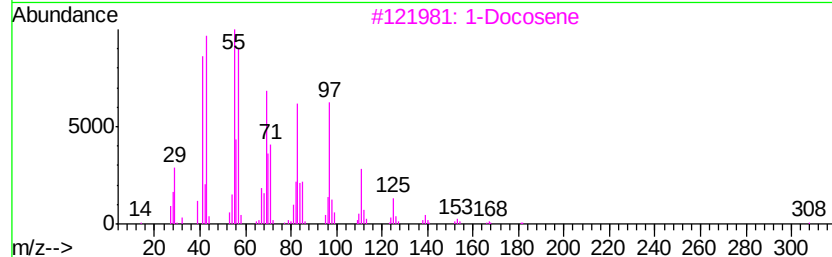
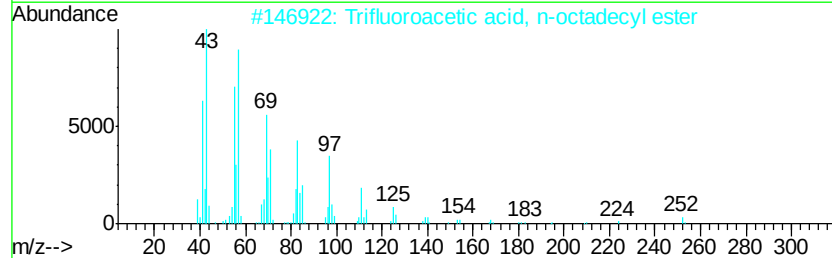
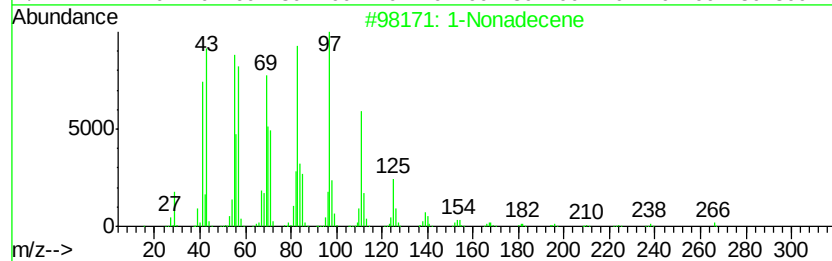
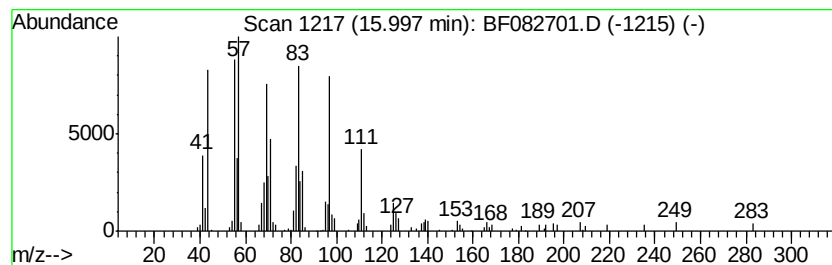
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Nonadecene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	2.66 ng	216312	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	90
2		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	83
3		1-Docosene	308	C22H44	001599-67-3	68
4		Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	64
5		Cycloeicosane	280	C20H40	000296-56-0	64



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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07(4-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.06	58.9	ng	3857950	1	6.86	1309920	20.0
unknown6.64	6.64	99.9	ng	6544990	1	6.86	1309920	20.0
n-Hexadecanoic acid	11.93	10.8	ng	1171820	4	11.38	2161080	20.0
Pentadecanoic acid	12.71	3.6	ng	380365	5	14.02	2095890	20.0
Hexadecanoic acid...	12.81	3.5	ng	370118	5	14.02	2095890	20.0
Octadecanoic acid...	13.52	2.7	ng	285013	5	14.02	2095890	20.0
5-Eicosene, (E)-	13.88	10.0	ng	1052270	5	14.02	2095890	20.0
Squalene	14.90	2.2	ng	176399	6	15.47	1627480	20.0
1-Nonadecene	16.00	2.7	ng	216312	6	15.47	1627480	20.0