

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
 Data File : BF084855.D
 Acq On : 5 Feb 2016 13:08
 Operator : SJ/IZ
 Sample : H1320-20
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B019(15-17)

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-BF020116.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	4.099	174	176	184	rBV	55527	85715	1.84%	0.192%
2	4.807	236	238	249	rVB	1025693	1897037	40.78%	4.256%
3	5.253	275	277	280	rBV	3890149	4506347	96.88%	10.109%
4	5.664	311	313	315	rVB	48192	54986	1.18%	0.123%
5	6.316	367	370	372	rBV	4240785	4534158	97.47%	10.171%
6	6.430	377	380	382	rBV	4828784	4571388	98.27%	10.255%
7	6.659	398	400	402	rBV	1242083	998472	21.46%	2.240%
8	6.819	411	414	416	rBV	4172399	3794154	81.56%	8.511%
9	7.230	447	450	452	rBV	2863417	2856188	61.40%	6.407%
10	7.950	510	513	515	rBV	1137307	1277055	27.45%	2.865%
11	9.025	604	607	610	rBV	4618998	4651703	100.00%	10.435%
12	9.425	640	642	644	rBV	821660	677138	14.56%	1.519%
13	9.642	659	661	663	rVB	157169	130141	2.80%	0.292%
14	9.699	663	666	668	rBV	1268542	1412433	30.36%	3.168%
15	10.145	702	705	706	rVB	205672	190122	4.09%	0.426%
16	10.362	721	724	727	rBV	73107	123017	2.64%	0.276%
17	10.488	732	735	737	rVV	3101726	3607606	77.55%	8.093%
18	10.614	744	746	753	rVB	239193	289476	6.22%	0.649%
19	11.059	783	785	786	rBV	101873	86452	1.86%	0.194%
20	11.174	792	795	797	rBV	1641271	1418689	30.50%	3.183%
21	12.602	917	920	922	rVB	116196	161269	3.47%	0.362%
22	12.671	922	926	928	rBV2	37888	56888	1.22%	0.128%
23	12.762	931	934	936	rBV	4627423	4460209	95.88%	10.005%
24	13.002	951	955	961	rVB	54474	57824	1.24%	0.130%
25	13.299	979	981	983	rBV	129515	116412	2.50%	0.261%
26	13.665	1011	1013	1022	rBV	187888	301172	6.47%	0.676%
27	13.802	1022	1025	1027	rBV	1167661	1146457	24.65%	2.572%
28	14.294	1066	1068	1074	rVB2	27959	56877	1.22%	0.128%
29	14.648	1097	1099	1101	rBV	116560	109021	2.34%	0.245%
30	15.163	1142	1144	1147	rBV	614525	807825	17.37%	1.812%
31	15.585	1178	1181	1184	rBV	52811	83801	1.80%	0.188%
32	15.654	1184	1187	1190	rVV3	25774	57749	1.24%	0.130%

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S4-B019(15-17)

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

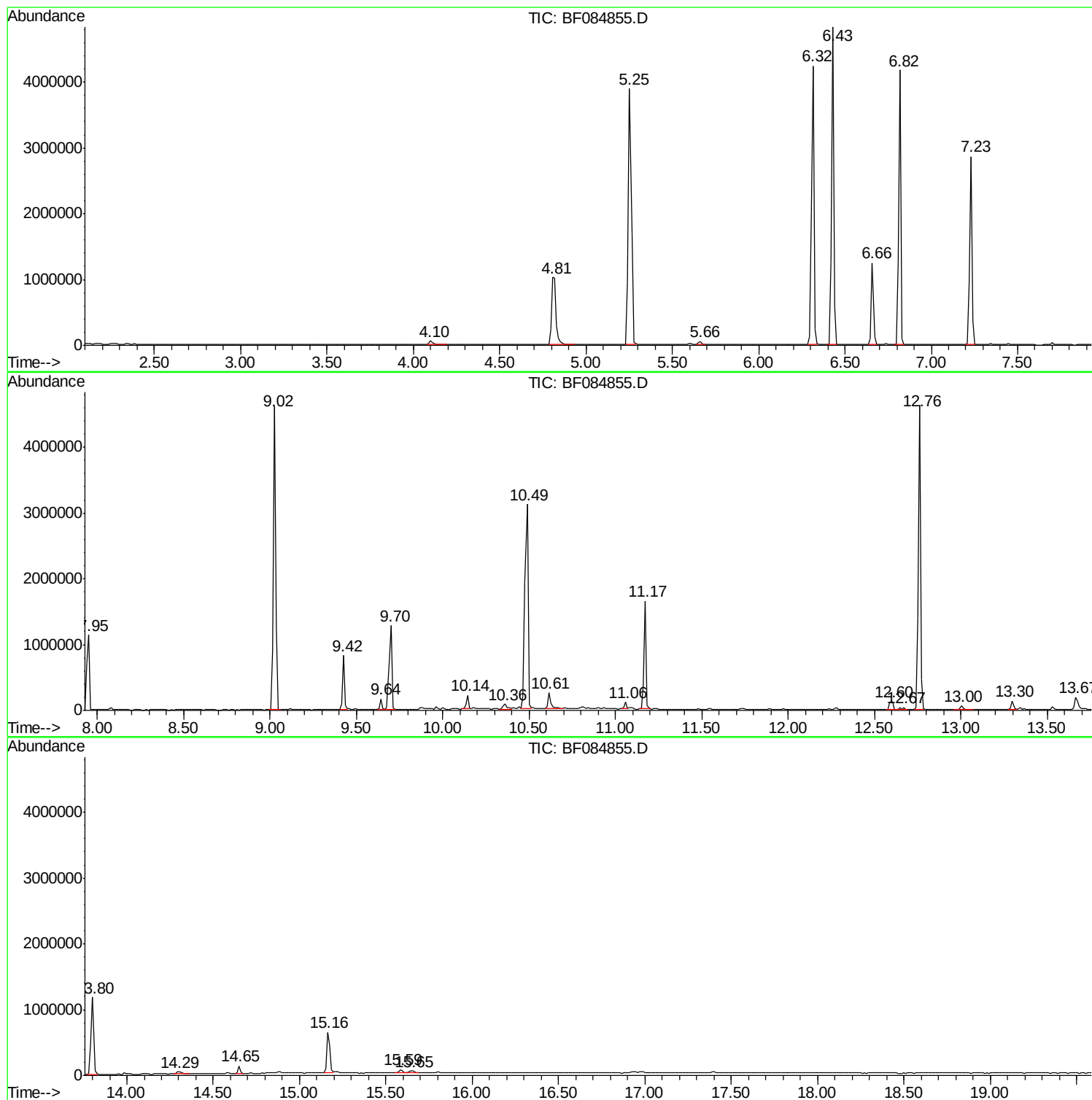
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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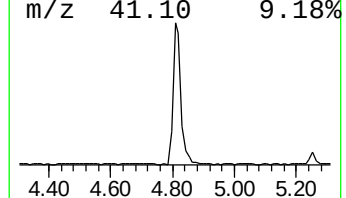
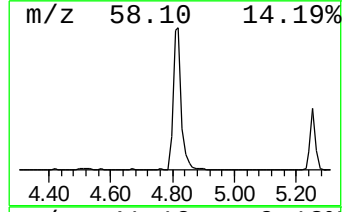
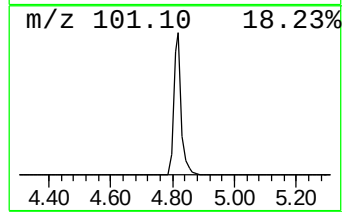
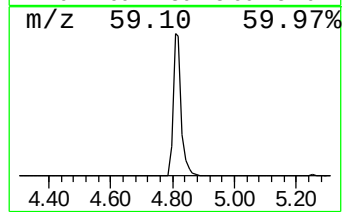
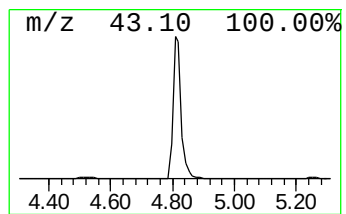
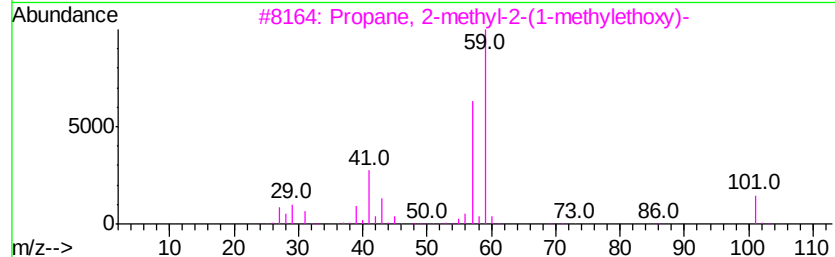
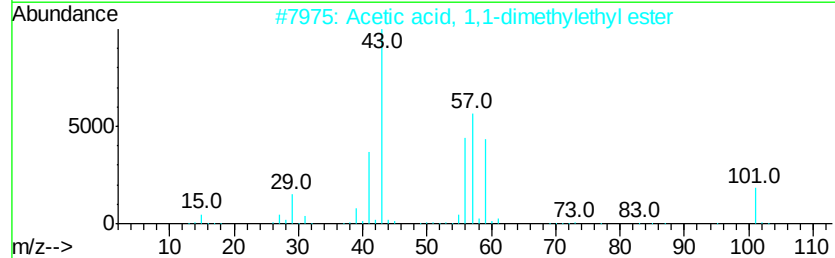
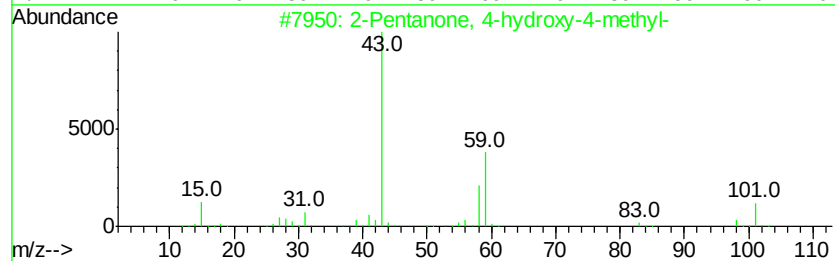
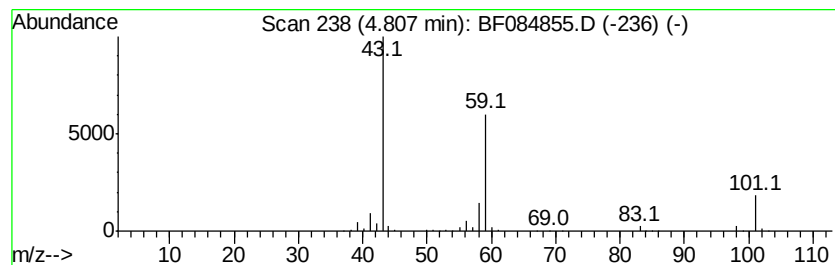
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	38.00 ng	1897040	1,4-Dichlorobenzene-d4	6.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33



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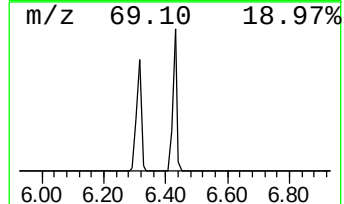
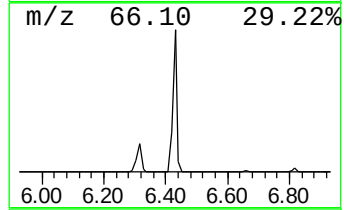
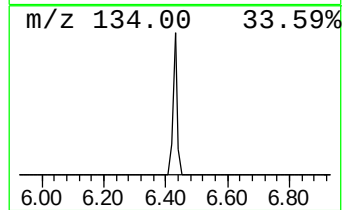
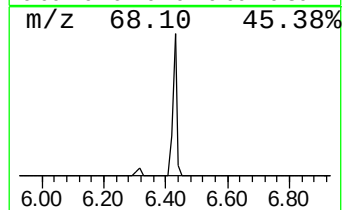
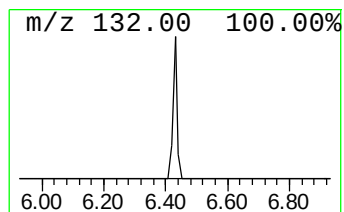
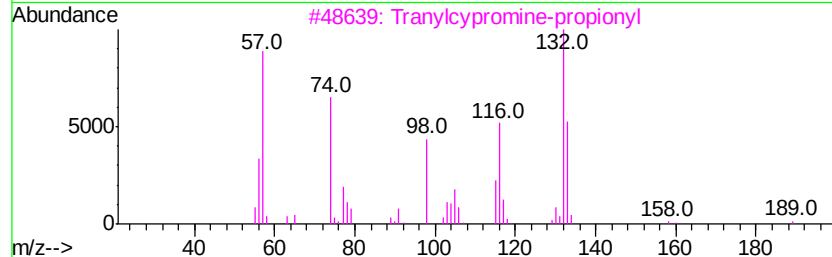
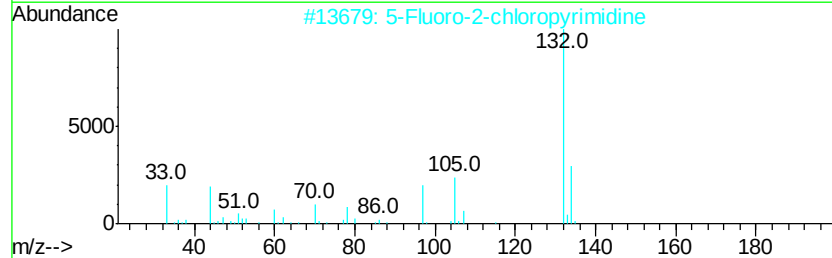
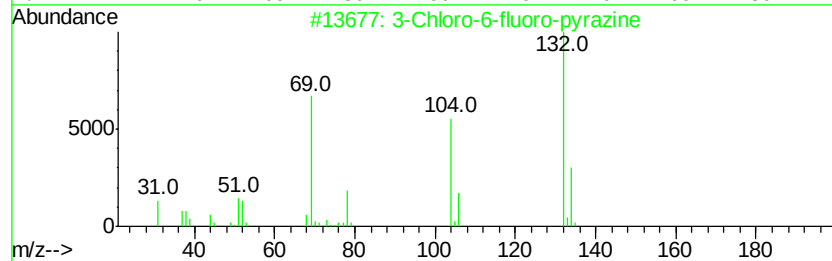
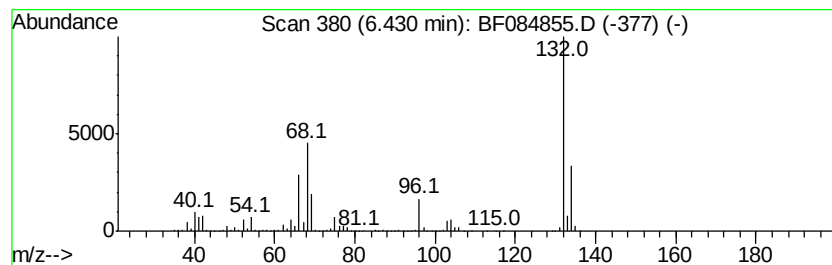
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.43 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	91.57 ng	4571390	1,4-Dichlorobenzene-d4	6.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine			132	C4H2ClFN2	062802-42-0	12
3	Tranvlcvpromine-propionyl			189	C12H15NO	1000123-86-3	10
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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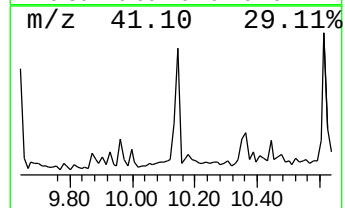
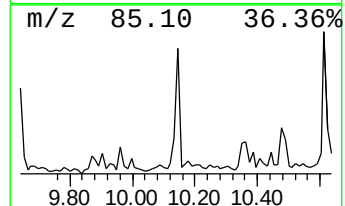
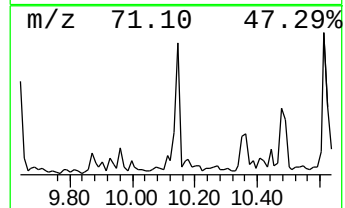
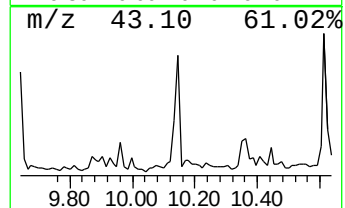
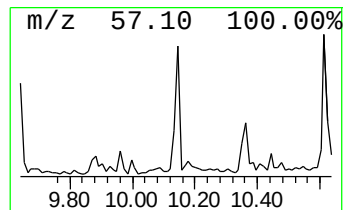
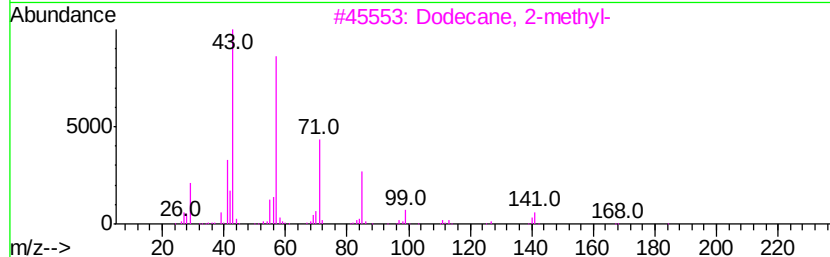
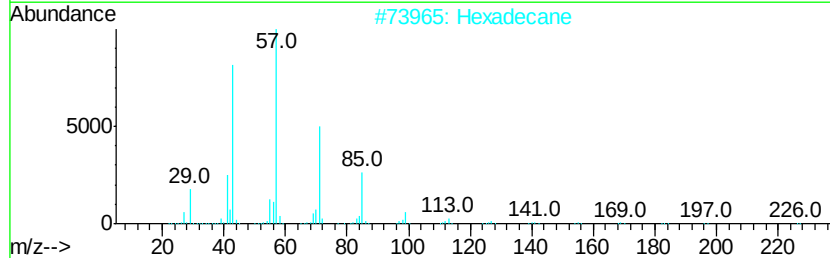
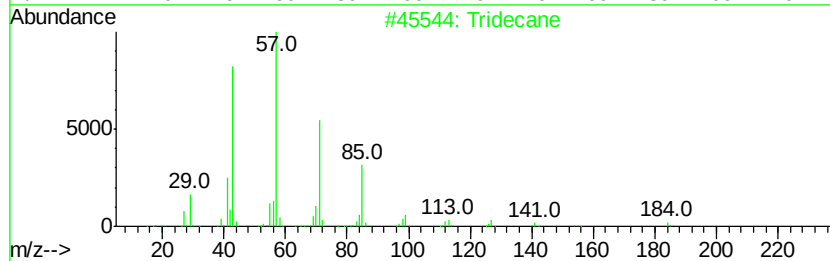
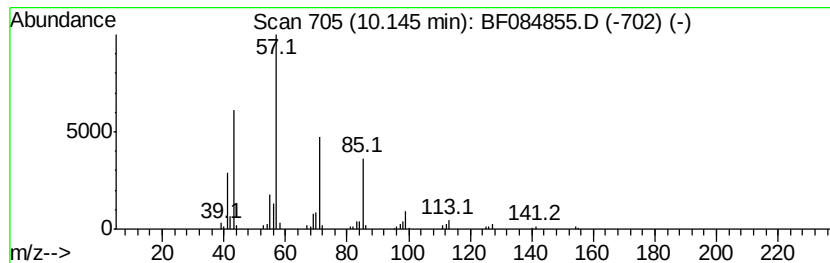
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.14	2.69 ng	190122	Acenaphthene-d10	9.70	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Hexadecane	226	C16H34	000544-76-3	86
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	59
4	Pentadecane	212	C15H32	000629-62-9	59
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	53



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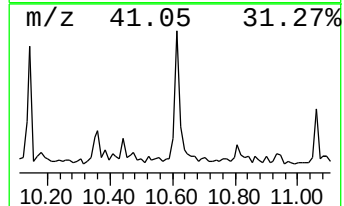
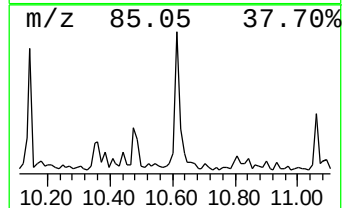
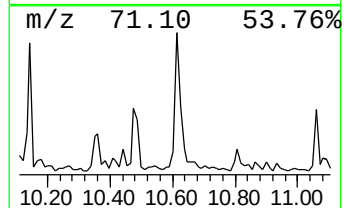
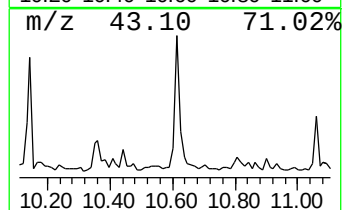
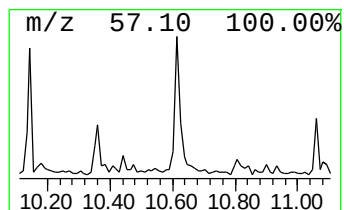
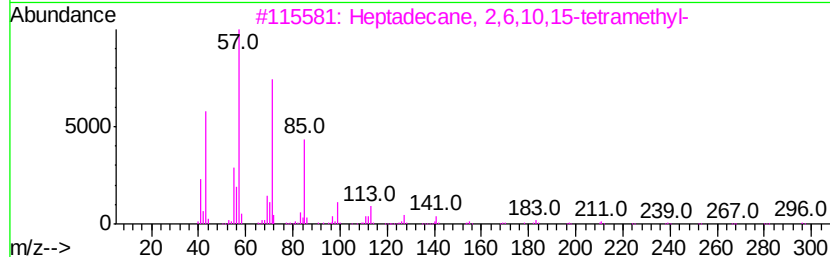
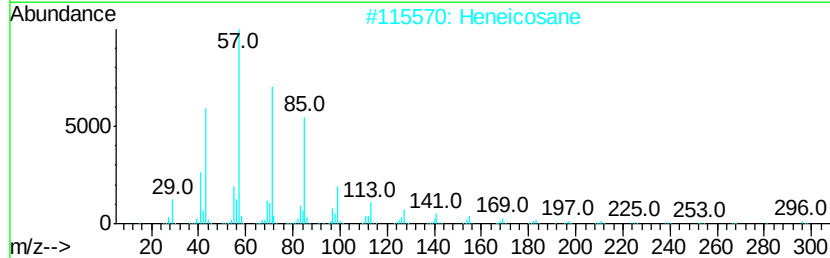
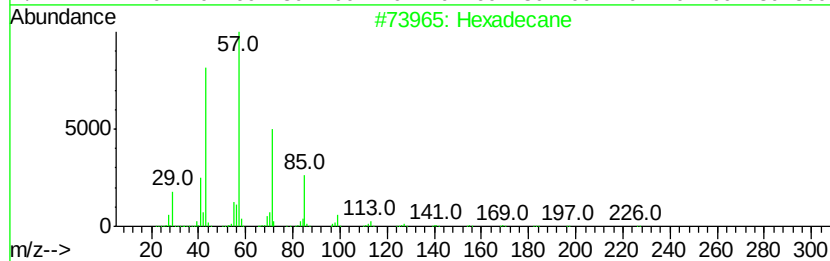
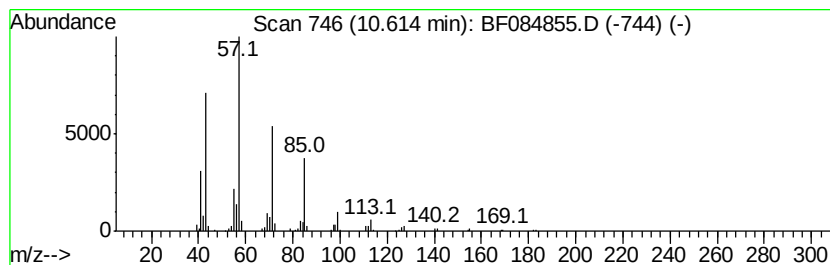
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.61	4.08 ng	289476	Phenanthrene-d10	11.17	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heneicosane	296	C21H44	000629-94-7	83
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72



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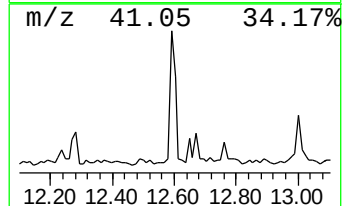
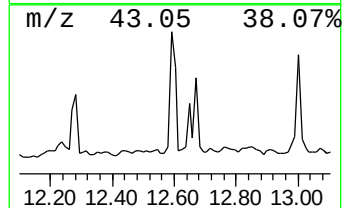
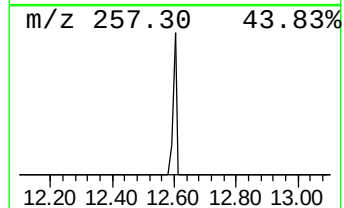
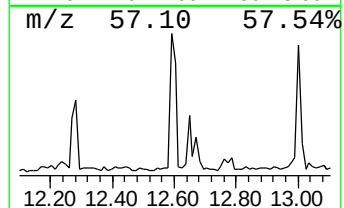
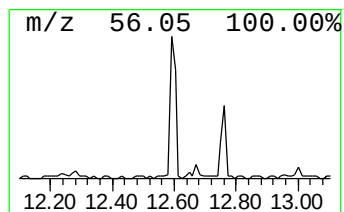
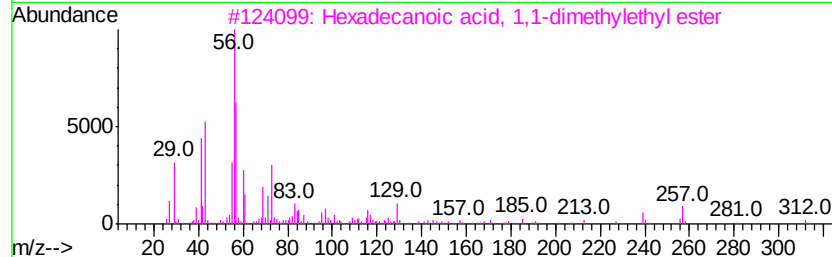
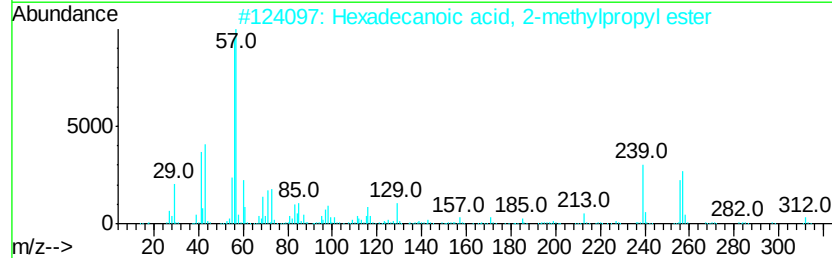
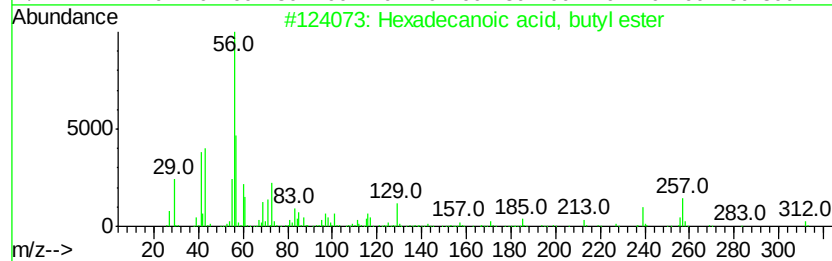
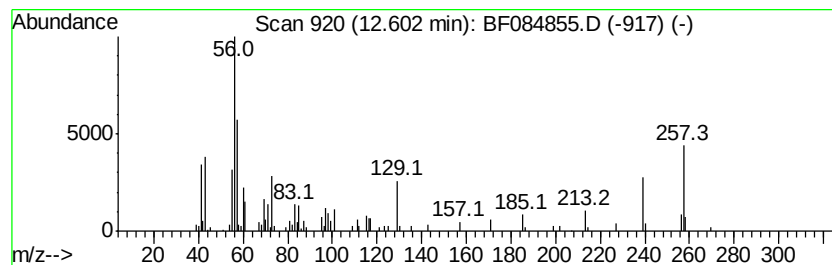
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Hexadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	2.81 ng	161269	Chrysene-d12	13.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	62
2		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	53
3		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	49
4		Nipecotic acid	129	C6H11NO2	000498-95-3	43
5		1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	22



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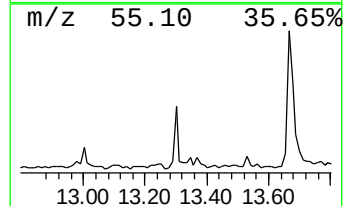
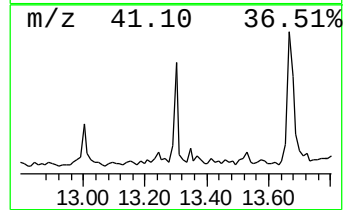
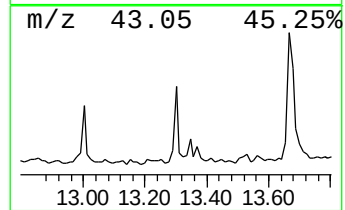
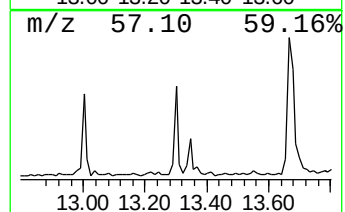
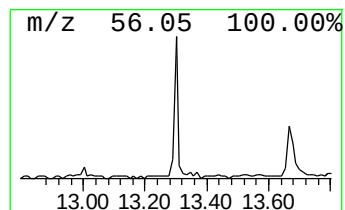
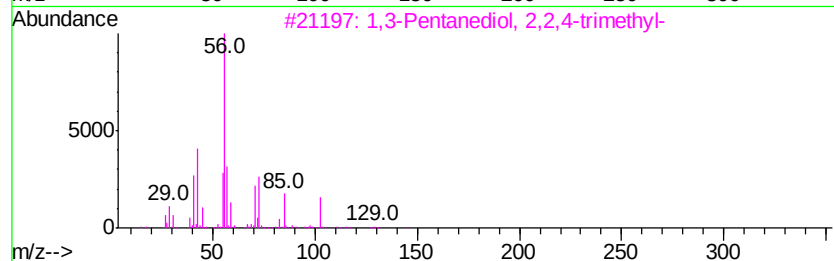
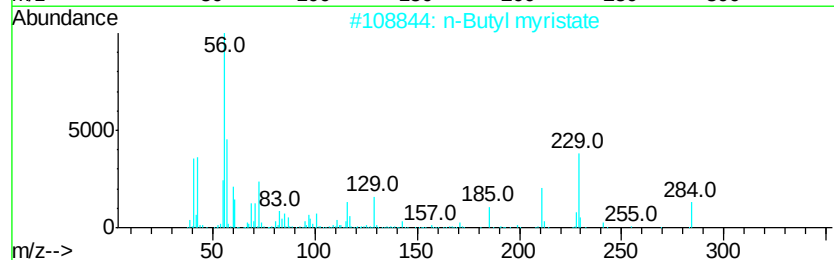
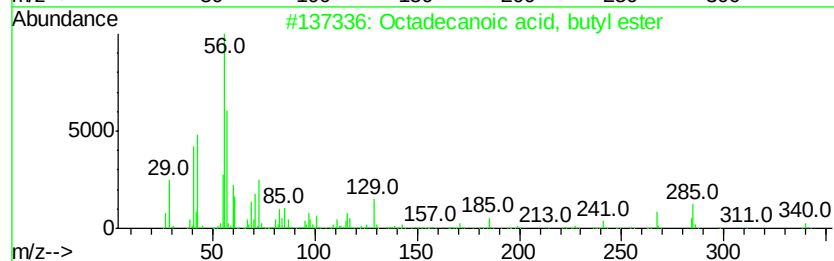
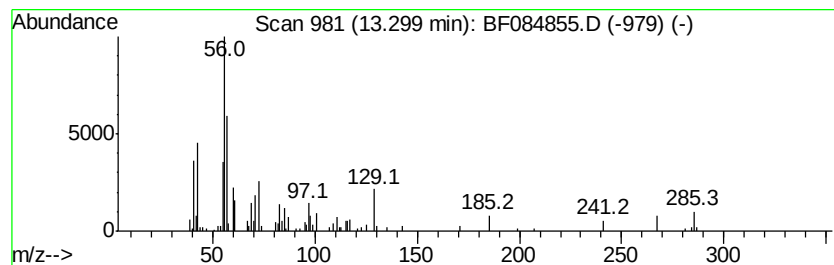
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid, butyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	2.03 ng	116412	Chrysene-d12	13.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	87
2		n-Butyl myristate	284	C18H36O2	000110-36-1	72
3		1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	37
4		Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	35
5		Pentadecane, 8-methylene-	224	C16H32	055668-09-2	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
Data File : BF084855.D
Acq On : 5 Feb 2016 13:08
Operator : SJ/IZ
Sample : H1320-20
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B019(15-17)

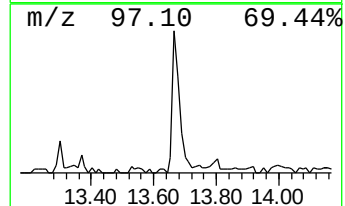
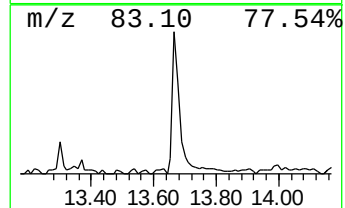
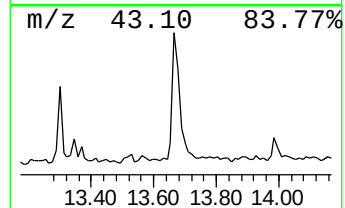
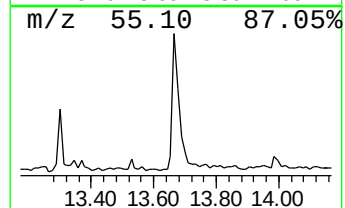
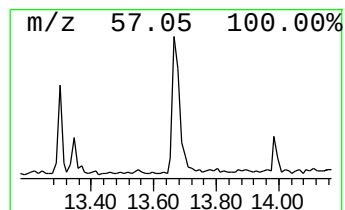
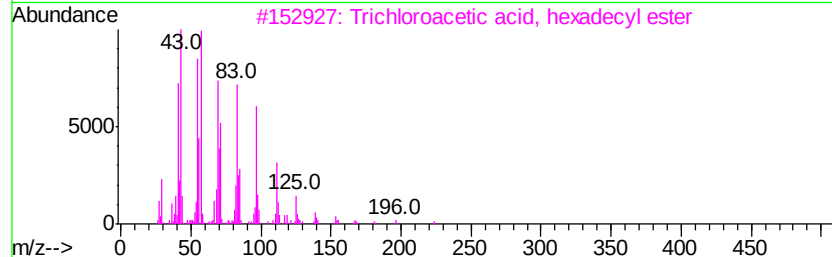
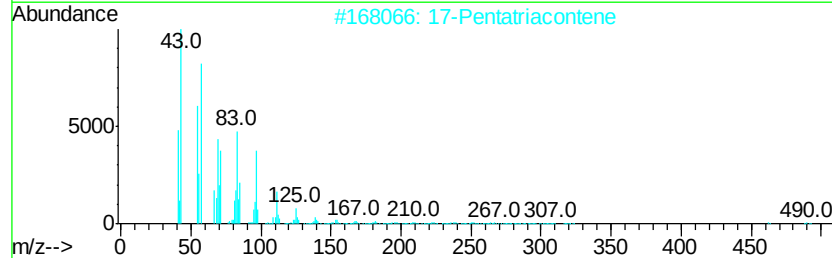
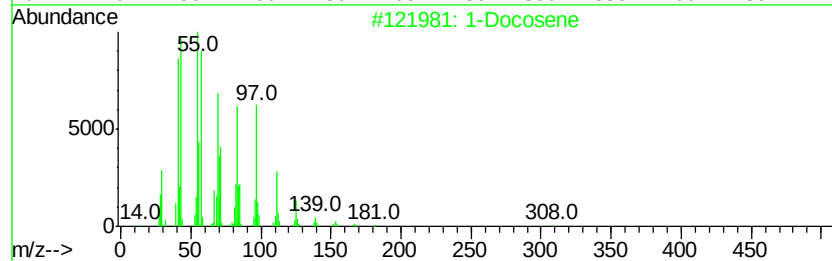
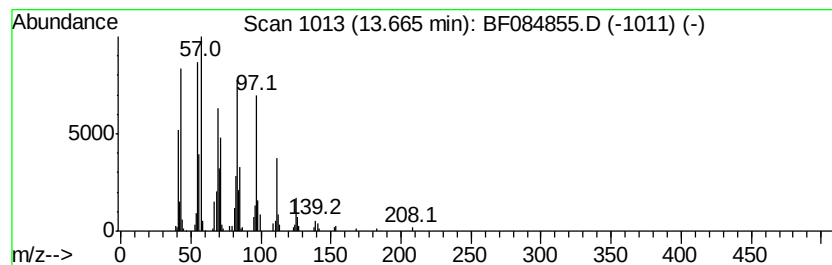
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Docosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	5.25 ng	301172	Chrysene-d12	13.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	91
2		17-Pentatriacontene	491	C35H70	006971-40-0	91
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4		1-Nonadecene	266	C19H38	018435-45-5	87
5		3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084855.D
Acq On : 5 Feb 2016 13:08
Operator : SJ/IZ
Sample : H1320-20
Misc :
ALS Vial : 3 Sample Multiplier: 1

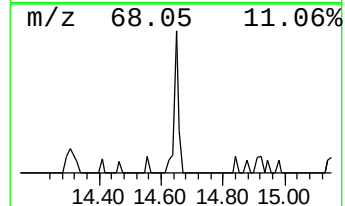
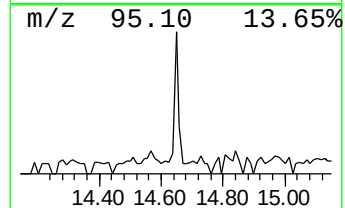
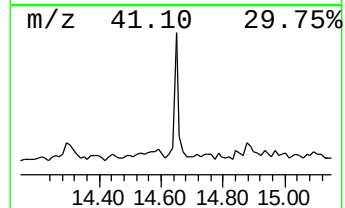
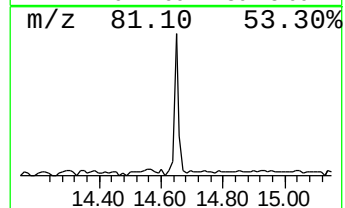
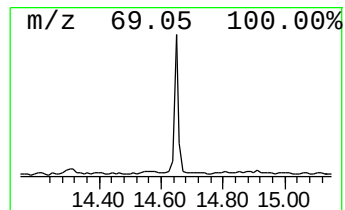
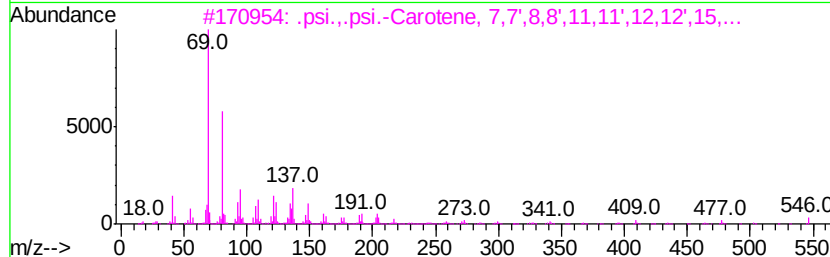
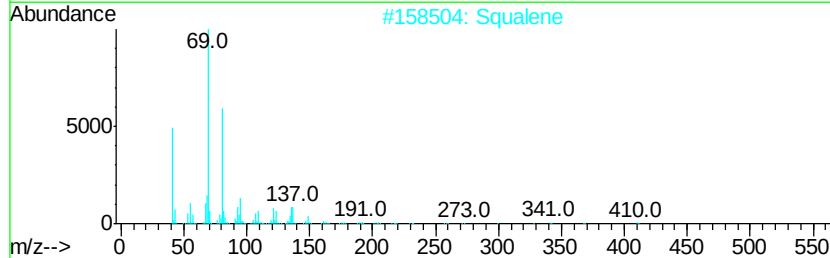
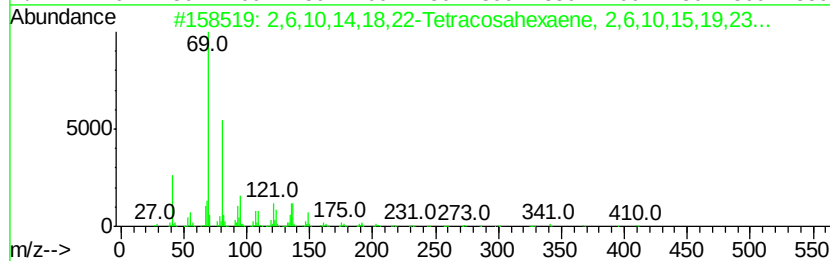
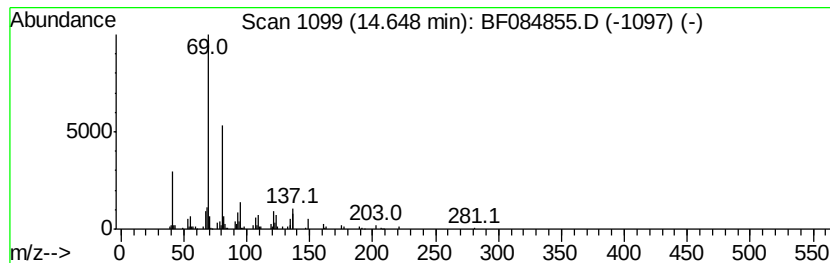
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2,6,10,14,18,22-Tetracosahexaene... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	2.70 ng	109021	Perylene-d12	15.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	91
2	Squalene	410 C30H50	007683-64-9	91
3	.psi.,.psi.-Carotene, 7,7',8,8',...	547 C40H66	000502-62-5	83
4	2,6,10,14,18-Pentamethyl-2,6,10,...	342 C25H42	075581-03-2	83
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222 C15H26O	000106-28-5	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
Data File : BF084855.D
Acq On : 5 Feb 2016 13:08
Operator : SJ/IZ
Sample : H1320-20
Misc :
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Instrument :
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ClientSampleId :
S4-B019(15-17)

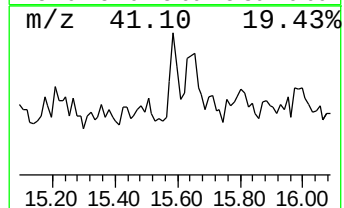
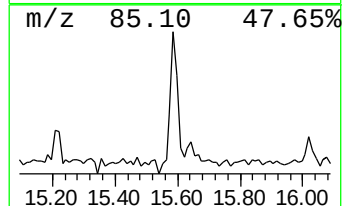
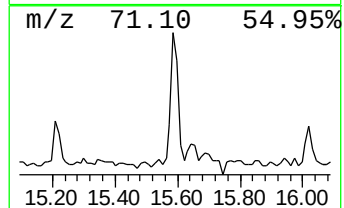
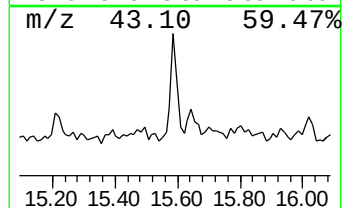
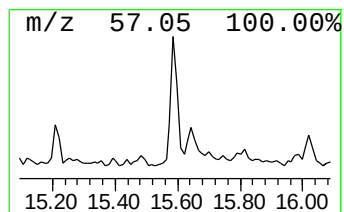
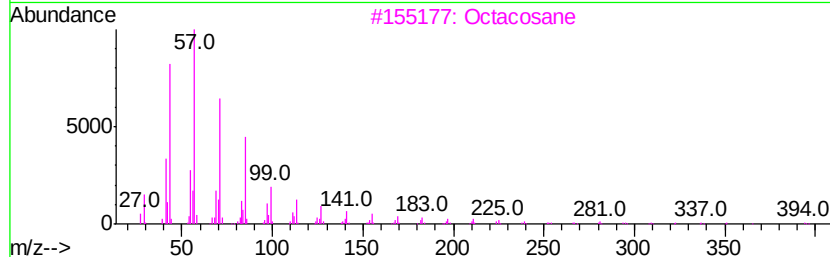
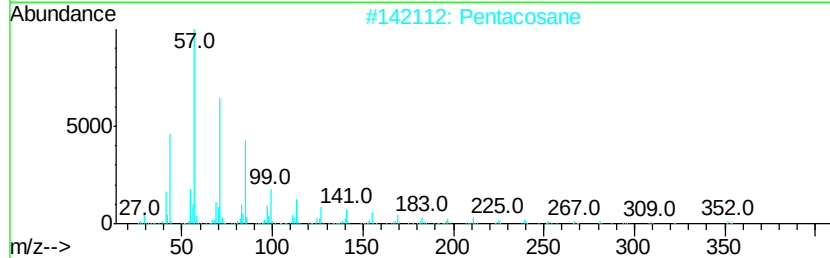
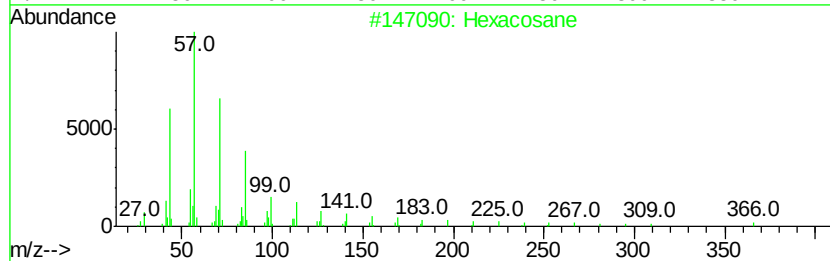
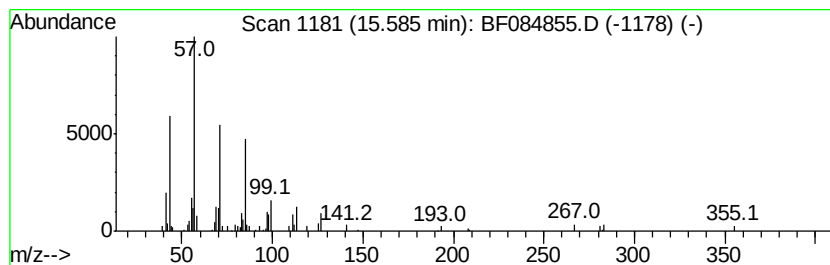
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	2.07 ng	83801	Perylene-d12	15.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Pentacosane	352	C25H52	000629-99-2	90
3		Octacosane	394	C28H58	000630-02-4	87
4		Heptadecane	240	C17H36	000629-78-7	87
5		Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
Data File : BF084855.D
Acq On : 5 Feb 2016 13:08
Operator : SJ/IJ
Sample : H1320-20
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B019(15-17)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.81	38.0	ng	1897040	1	6.66	998472	20.0
unknown6.43	6.43	91.6	ng	4571390	1	6.66	998472	20.0
Tridecane	10.14	2.7	ng	190122	3	9.70	1412430	20.0
Hexadecane	10.61	4.1	ng	289476	4	11.17	1418690	20.0
Hexadecanoic acid...	12.60	2.8	ng	161269	5	13.80	1146460	20.0
Octadecanoic acid...	13.30	2.0	ng	116412	5	13.80	1146460	20.0
1-Docosene	13.67	5.3	ng	301172	5	13.80	1146460	20.0
2,6,10,14,18,22-T...	14.65	2.7	ng	109021	6	15.16	807825	20.0
Hexacosane	15.59	2.1	ng	83801	6	15.16	807825	20.0