

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090451.D
 Acq On : 7 Oct 2016 18:46
 Operator : UM/SJ
 Sample : H5133-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-001-B

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-BF100516.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	2.554	16	19	23	rVB	43290	84628	1.36%	0.146%
2	5.194	247	250	253	rBV	914630	1427854	22.93%	2.469%
3	5.606	283	286	288	rBV	5457191	5292035	85.00%	9.152%
4	6.623	372	375	377	rBV	5085315	5480743	88.03%	9.478%
5	6.760	384	387	389	rBV	6205659	5987337	96.16%	10.354%
6	6.989	404	407	409	rBV	1731353	1550492	24.90%	2.681%
7	7.149	418	421	423	rVB	3818014	4461152	71.65%	7.715%
8	7.549	453	456	458	rBV	3601010	3501724	56.24%	6.056%
9	7.629	461	463	466	rBV	52296	73989	1.19%	0.128%
10	8.280	517	520	522	rBV	1491188	2083067	33.46%	3.602%
11	9.355	611	614	616	rBV	6999451	6226279	100.00%	10.767%
12	9.743	646	648	650	rBV	1558676	2076270	33.35%	3.590%
13	10.040	671	674	676	rVB	2438646	2434694	39.10%	4.210%
14	10.463	708	711	713	rBV	113857	150951	2.42%	0.261%
15	10.692	728	731	734	rBV	60134	100413	1.61%	0.174%
16	10.829	740	743	745	rBV	4102399	3848007	61.80%	6.654%
17	10.943	750	753	760	rVV	217070	275732	4.43%	0.477%
18	11.389	790	792	794	rBV	127362	120704	1.94%	0.209%
19	11.526	802	804	806	rBV	2650175	2275445	36.55%	3.935%
20	12.052	848	850	856	rBV	874131	844460	13.56%	1.460%
21	12.738	908	910	912	rBV	147044	177664	2.85%	0.307%
22	12.784	912	914	917	rVV	78753	143281	2.30%	0.248%
23	12.841	917	919	923	rVV	472448	491282	7.89%	0.850%
24	12.966	928	930	933	rVV	89881	109162	1.75%	0.189%
25	13.115	941	943	946	rBV	4501505	4950942	79.52%	8.562%
26	14.018	1020	1022	1027	rBV	338496	459279	7.38%	0.794%
27	14.178	1033	1036	1037	rBV	1071158	1473824	23.67%	2.549%
28	14.612	1071	1074	1076	rBV	108953	193400	3.11%	0.334%
29	14.658	1076	1078	1079	rVV	50260	79216	1.27%	0.137%
30	15.675	1164	1167	1169	rVB	917126	1169165	18.78%	2.022%
31	16.418	1229	1232	1237	rVB	64046	152298	2.45%	0.263%
32	16.864	1269	1271	1276	rVB4	64728	131381	2.11%	0.227%

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

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

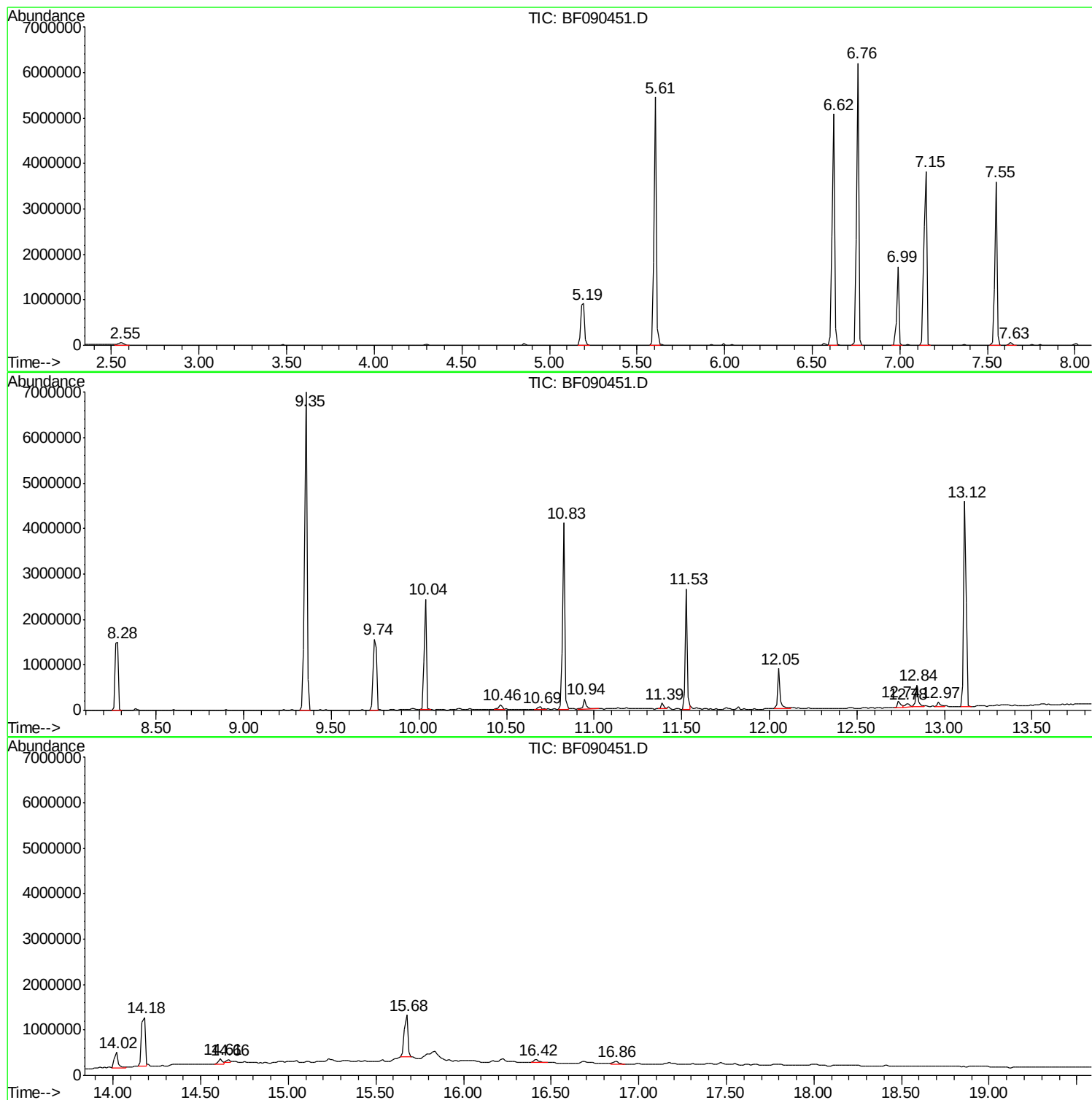
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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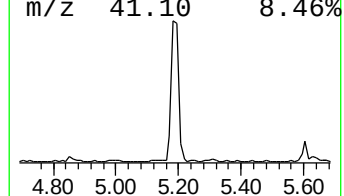
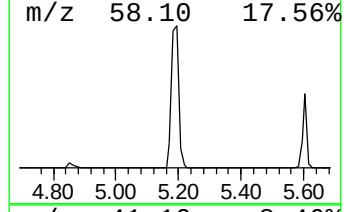
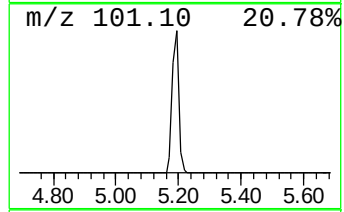
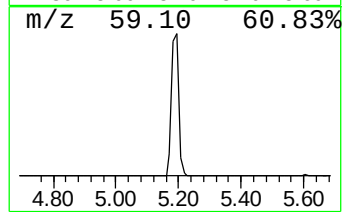
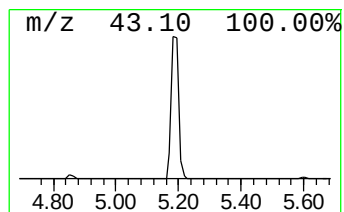
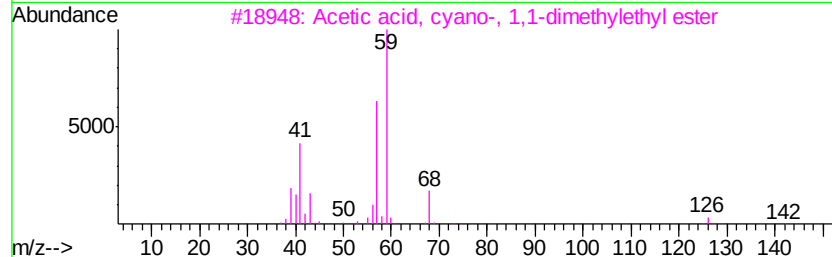
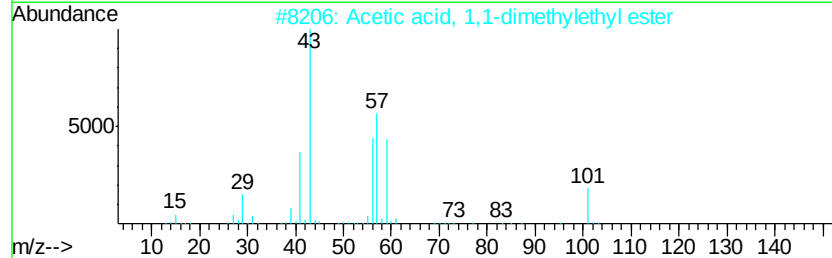
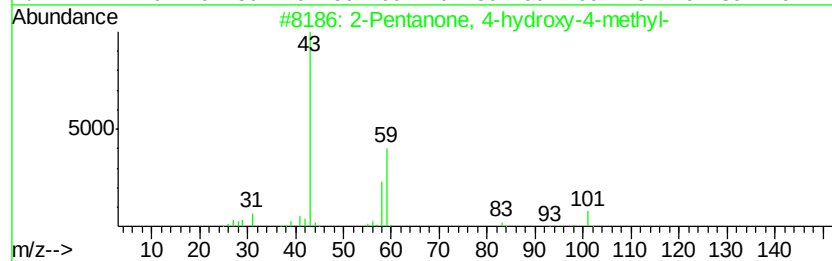
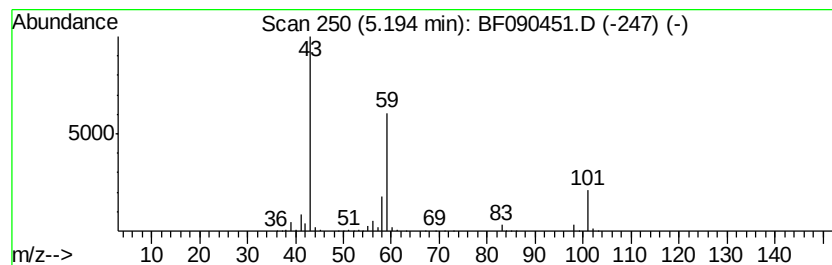
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	18.42 ng	1427850	1,4-Dichlorobenzene-d4	6.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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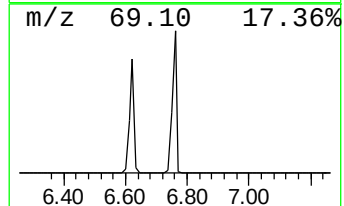
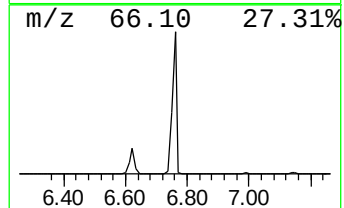
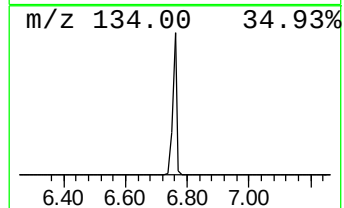
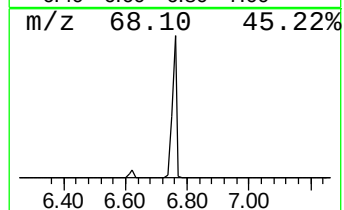
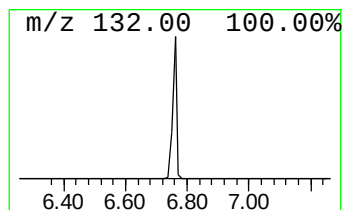
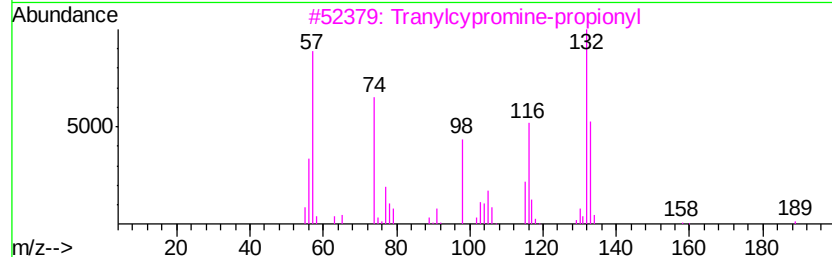
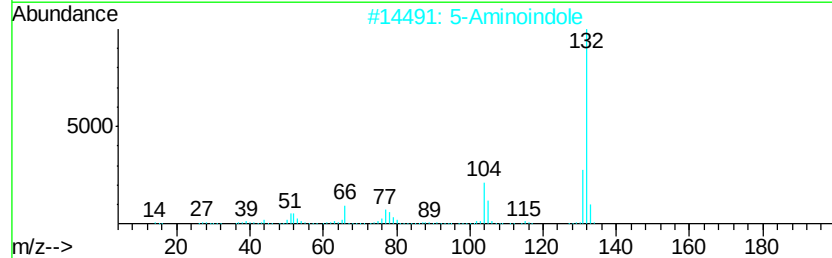
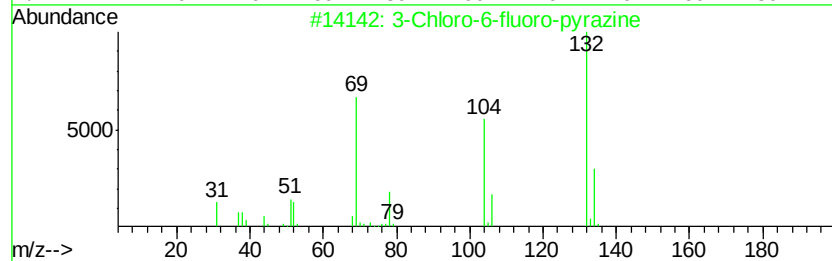
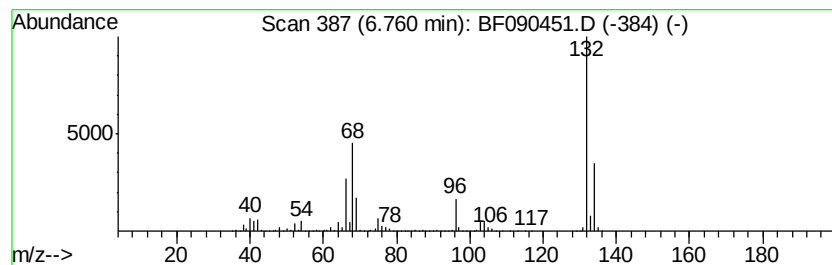
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.76 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	77.23 ng	5987340	1,4-Dichlorobenzene-d4	6.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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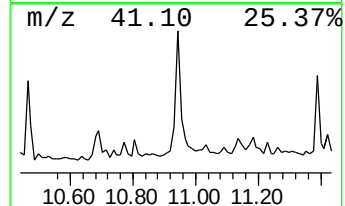
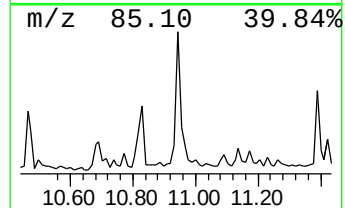
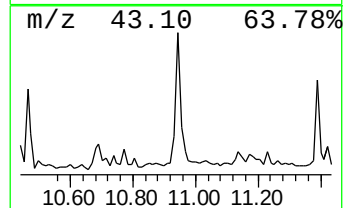
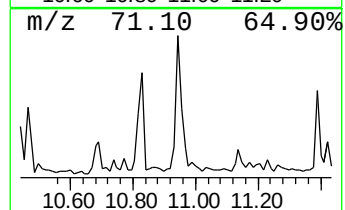
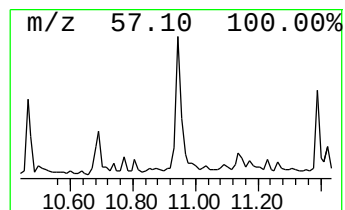
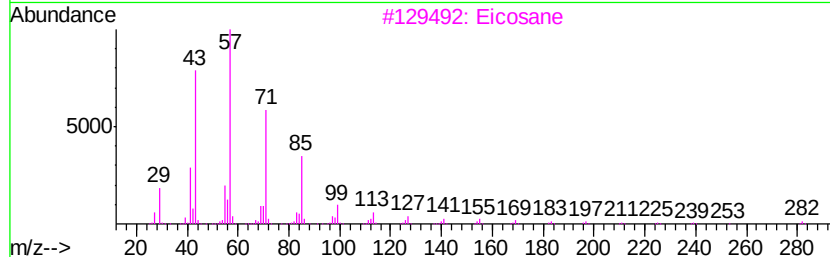
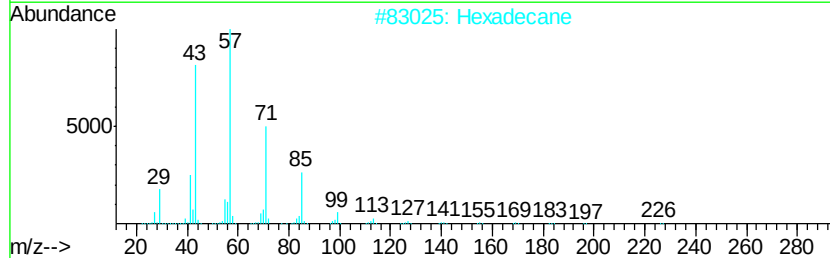
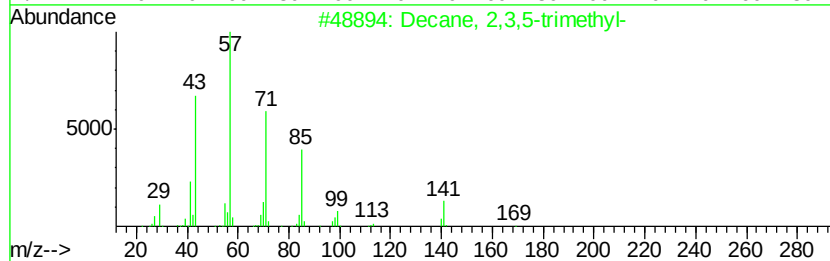
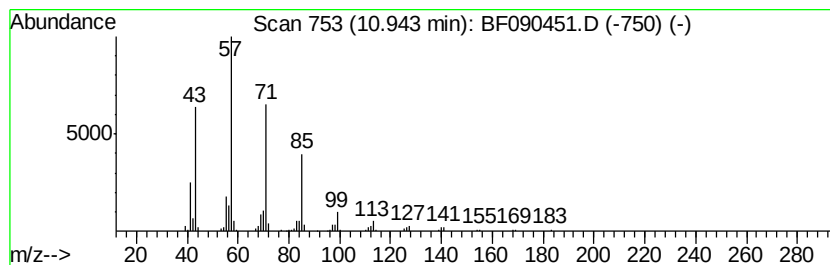
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Decane, 2,3,5-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.94	2.42 ng	275732	Phenanthrene-d10		11.53	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	83
2	Hexadecane		226	C16H34	000544-76-3	80
3	Eicosane		282	C20H42	000112-95-8	72
4	Pentadecane		212	C15H32	000629-62-9	72
5	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	72



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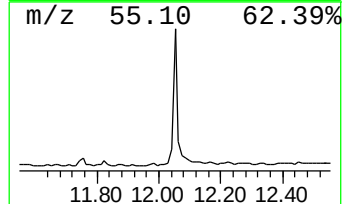
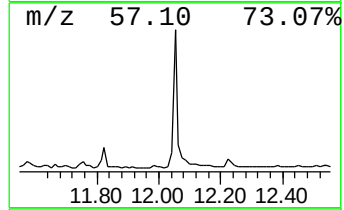
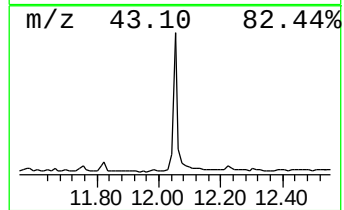
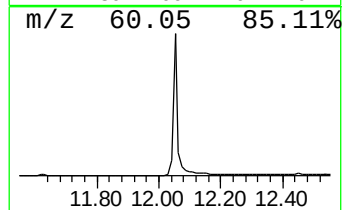
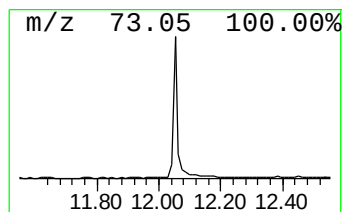
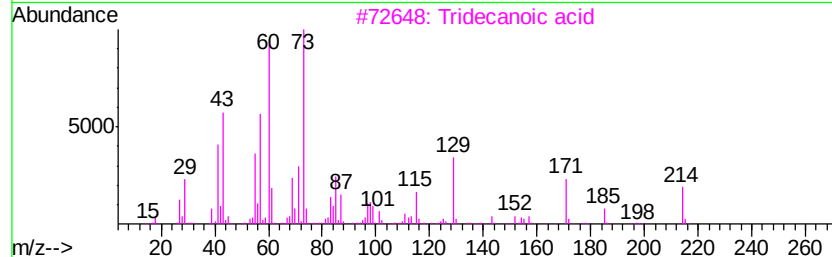
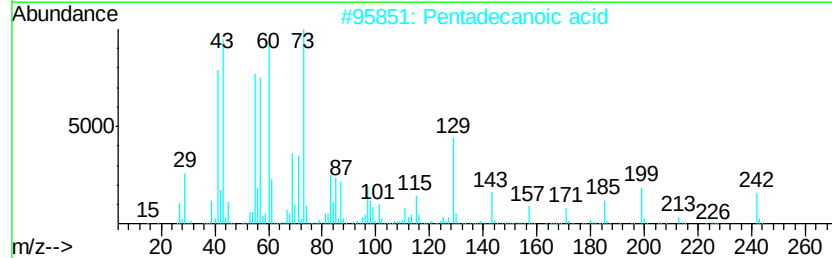
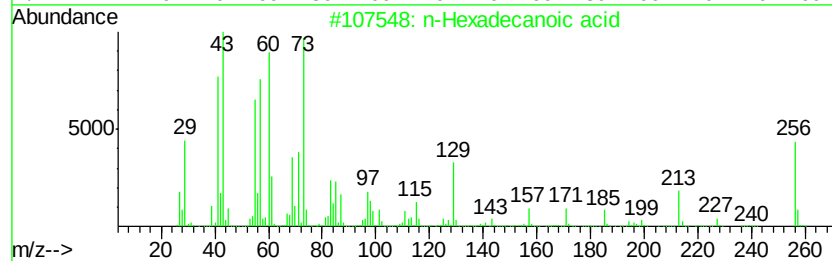
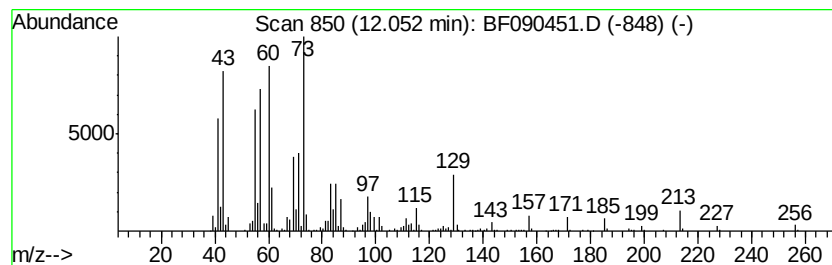
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	7.42 ng	844460	Phenanthrene-d10	11.53
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		n-Hexadecanoic acid	256 C16H32O2	000057-10-3 97
2		Pentadecanoic acid	242 C15H30O2	001002-84-2 91
3		Tridecanoic acid	214 C13H26O2	000638-53-9 80
4		Dodecanoic acid	200 C12H24O2	000143-07-7 68
5		Oxalic acid, allyl hexadecyl ester	354 C21H38O4	1000309-24-4 20



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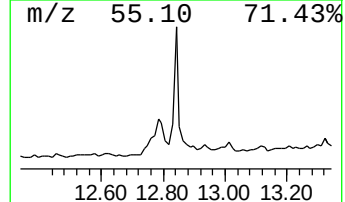
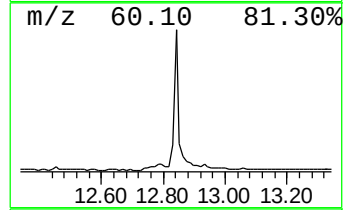
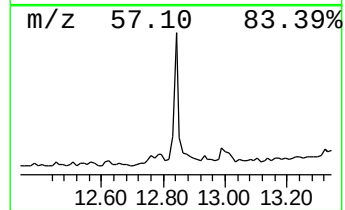
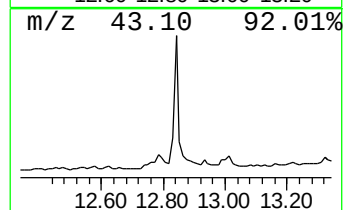
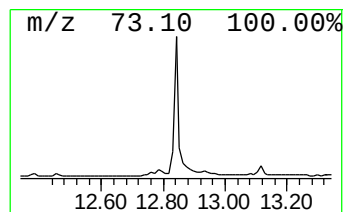
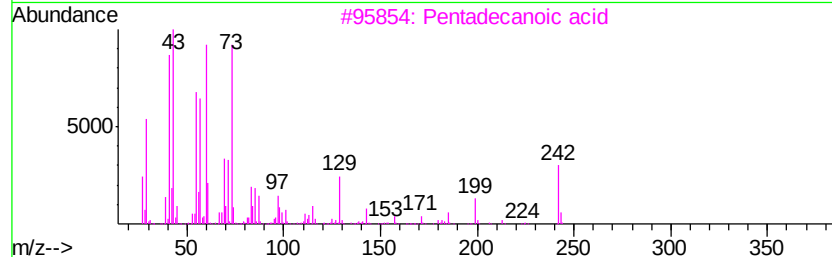
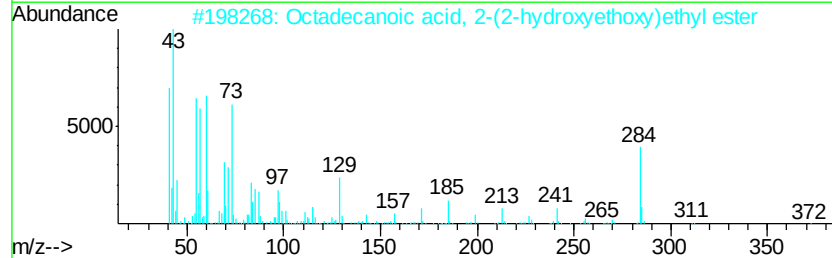
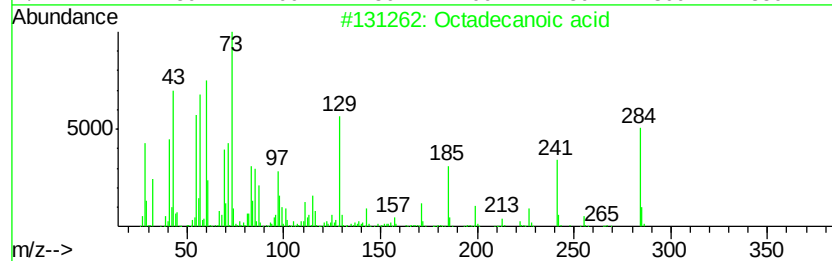
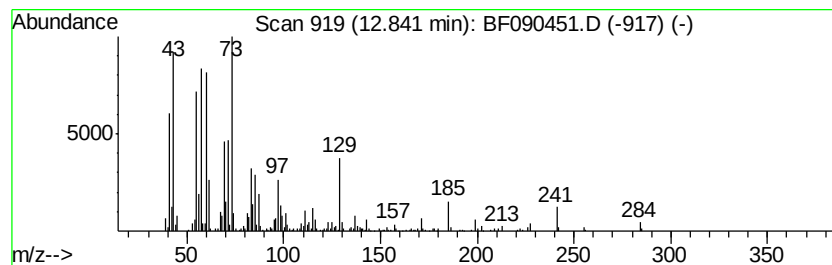
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	4.32 ng	491282	Phenanthrene-d10	11.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
5		Hexadecane	226	C16H34	000544-76-3	25



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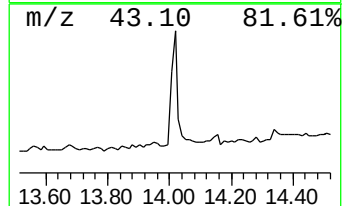
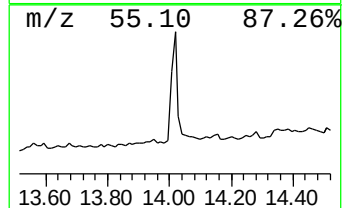
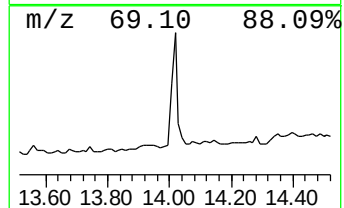
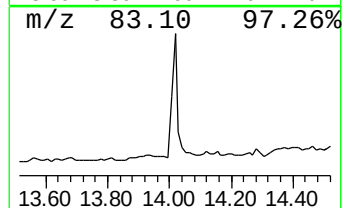
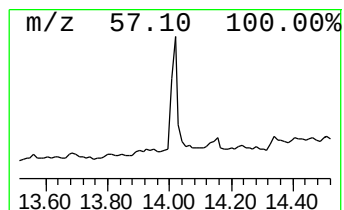
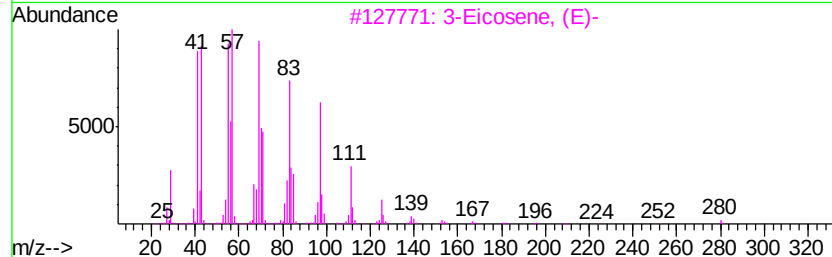
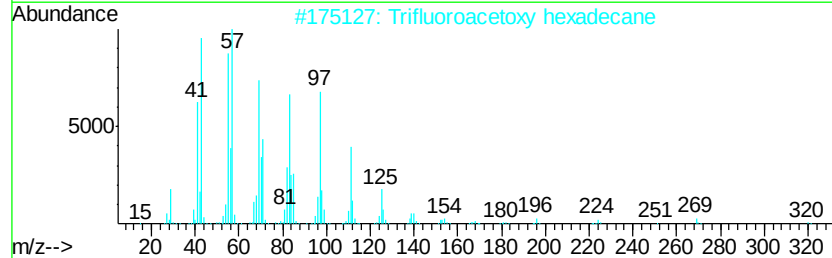
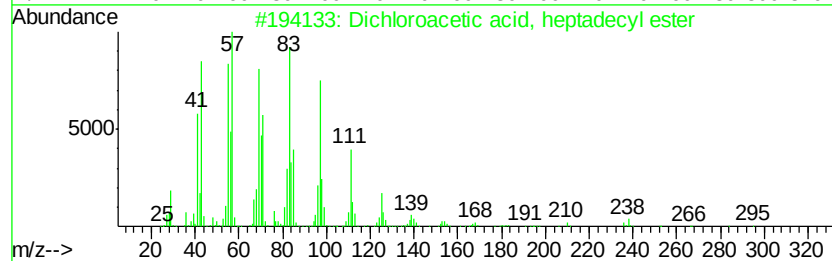
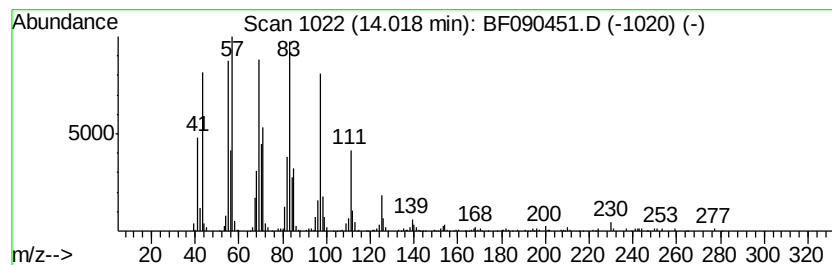
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dichloroacetic acid, heptad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	6.23 ng	459279	Chrysene-d12	14.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5		Behenic alcohol	326	C22H46O	000661-19-8	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090451.D
Acq On : 7 Oct 2016 18:46
Operator : UM/SJ
Sample : H5133-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

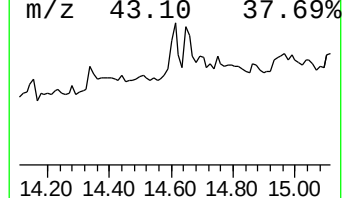
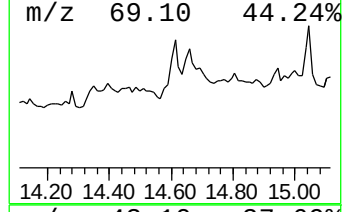
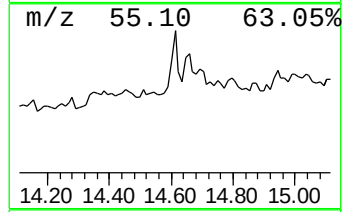
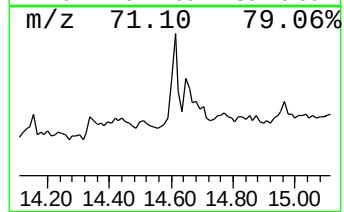
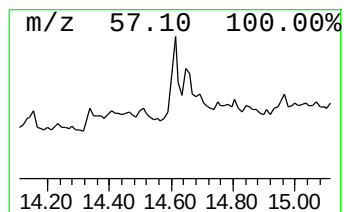
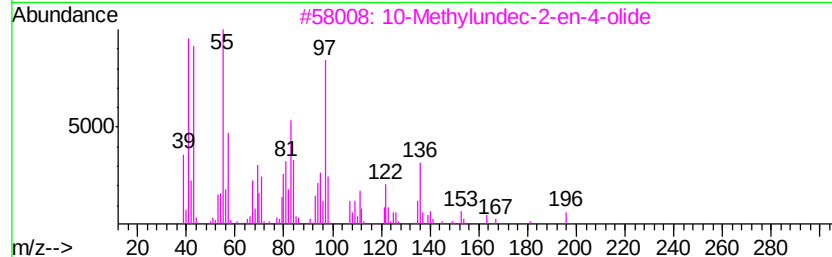
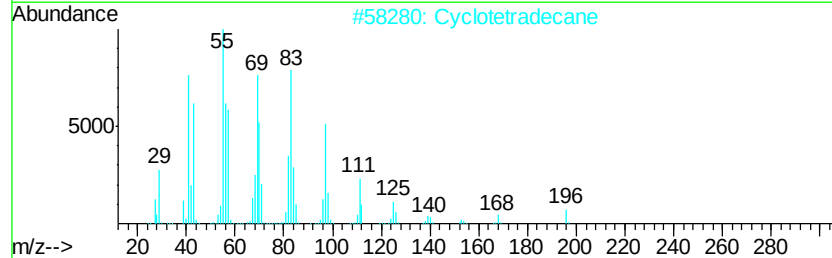
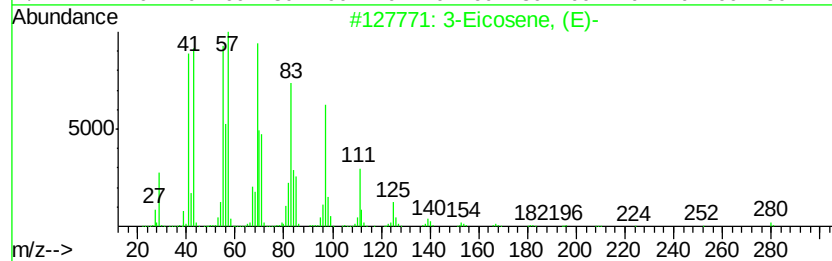
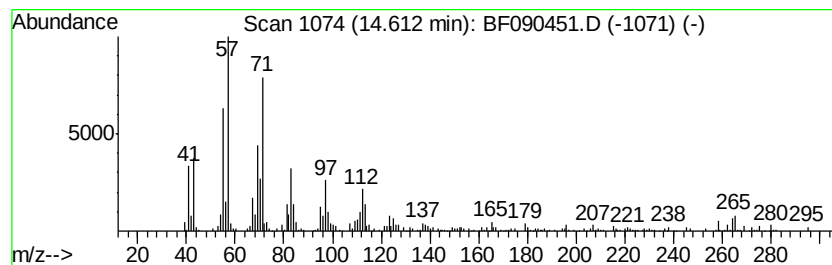
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-001-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown14.61 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.61	2.62 ng	193400	Chrysene-d12	14.18	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	45
2	Cyclotetradecane	196	C14H28	000295-17-0	35
3	10-Methylundec-2-en-4-olide	196	C12H20O2	1000370-40-9	25
4	13-Hexyloxacyclotridecan-2-one	282	C18H34O2	000673-02-9	25
5	Oleic Acid	282	C18H34O2	000112-80-1	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
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Operator : UM/SJ
Sample : H5133-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-001-B

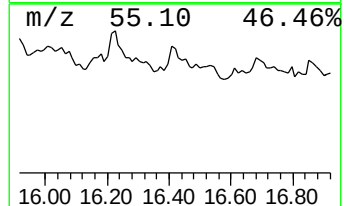
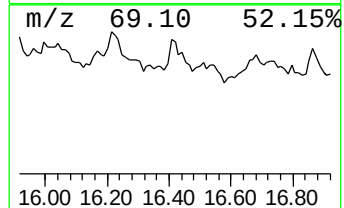
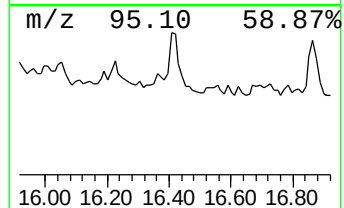
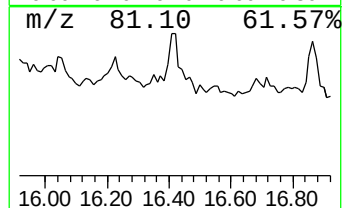
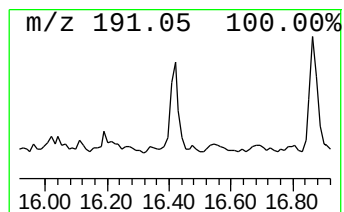
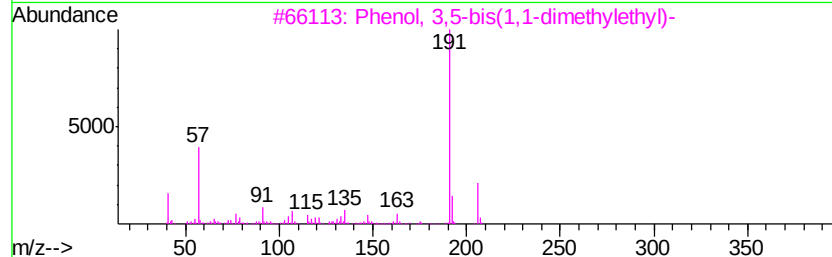
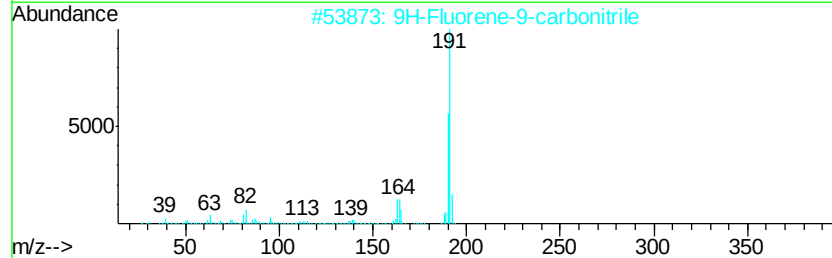
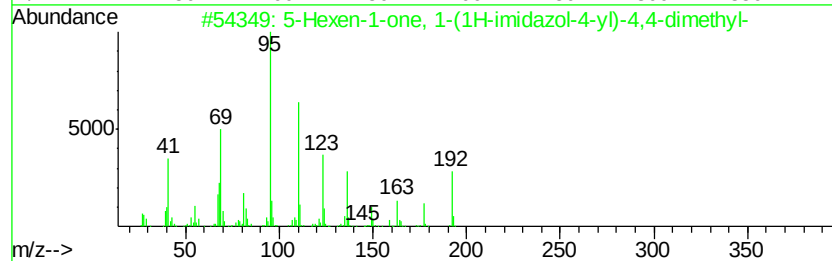
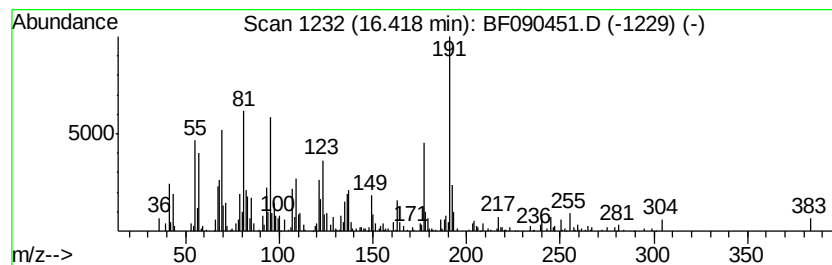
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown16.42 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	2.61 ng	152298	Perylene-d12	15.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Hexen-1-one, 1-(1H-imidazol-4-...	192	C11H16N2O	069393-41-5	30
2		9H-Fluorene-9-carbonitrile	191	C14H9N	001529-40-4	22
3		Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	22
4		Squalene	410	C30H50	000111-02-4	22
5		2-Fluoro-5-trifluoromethylbenzoi...	432	C24H36F4O2	1000338-63-6	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090451.D
Acq On : 7 Oct 2016 18:46
Operator : UM/SJ
Sample : H5133-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-001-B

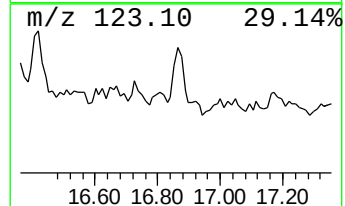
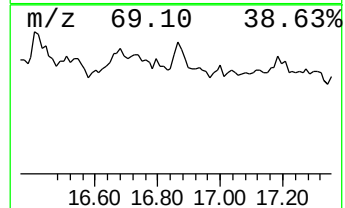
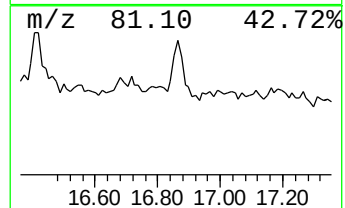
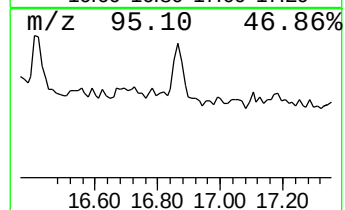
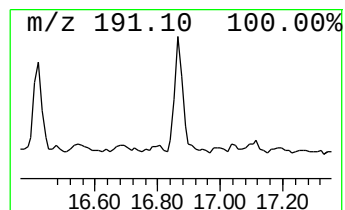
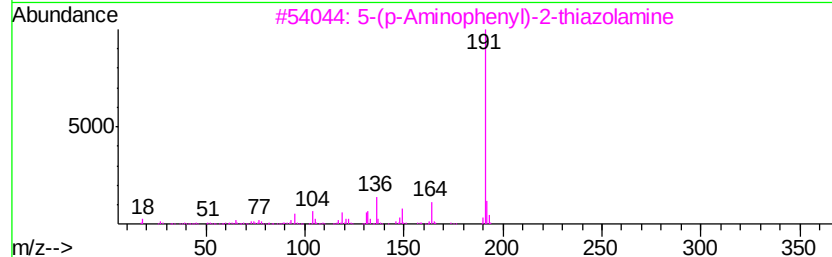
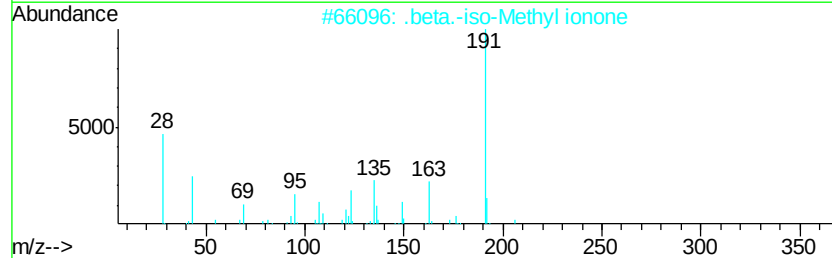
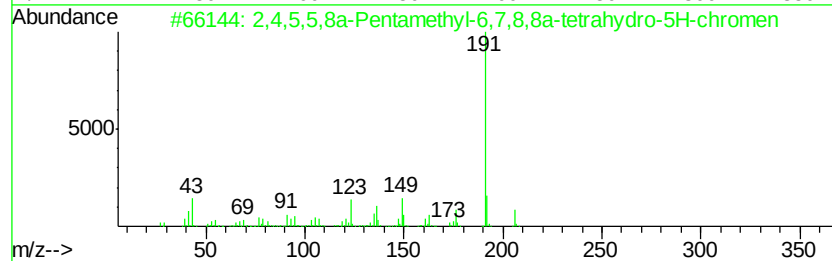
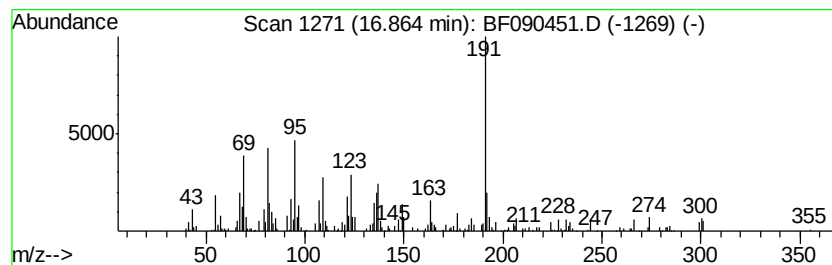
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown16.86 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	2.25 ng	131381	Perylene-d12	15.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	47	
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	46	
3	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	43	
4	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	38	
5	Propenamide, 3-(3,4-dimethoxyphe...	313	C18H19NO4	339165-72-9	35	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090451.D
Acq On : 7 Oct 2016 18:46
Operator : UM/SJ
Sample : H5133-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
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
2-Pentanone, 4-hy...	5.19	18.4	ng	1427850	1	6.99	1550490	20.0
unknown6.76	6.76	77.2	ng	5987340	1	6.99	1550490	20.0
Decane, 2,3,5-tri...	10.94	2.4	ng	275732	4	11.53	2275450	20.0
n-Hexadecanoic acid	12.05	7.4	ng	844460	4	11.53	2275450	20.0
Octadecanoic acid	12.84	4.3	ng	491282	4	11.53	2275450	20.0
Dichloroacetic ac...	14.02	6.2	ng	459279	5	14.18	1473820	20.0
unknown14.61	14.61	2.6	ng	193400	5	14.18	1473820	20.0
unknown16.42	16.42	2.6	ng	152298	6	15.68	1169170	20.0
unknown16.86	16.86	2.3	ng	131381	6	15.68	1169170	20.0