

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083771.D
 Acq On : 14 Dec 2015 11:09
 Operator : UM/IZ
 Sample : G4761-01
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-1

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-BF121315.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	2.213	9	11	19	rVB2	44837	76190	2.22%	0.256%
2	5.116	262	265	270	rBV	541195	759784	22.11%	2.550%
3	5.539	298	302	304	rBV	2473634	3435953	100.00%	11.530%
4	6.556	388	391	393	rVB	2644322	3295842	95.92%	11.060%
5	6.693	400	403	405	rBV	3083571	3303259	96.14%	11.085%
6	6.922	420	423	425	rVB	807260	691801	20.13%	2.321%
7	7.082	434	437	439	rVB	2670053	2630392	76.55%	8.827%
8	7.482	469	472	474	rBV	2067180	2062039	60.01%	6.920%
9	7.573	477	480	483	rVV	56775	74951	2.18%	0.252%
10	8.099	524	526	528	rBV	29284	39758	1.16%	0.133%
11	8.202	533	535	537	rBV	902311	771348	22.45%	2.588%
12	9.276	626	629	632	rBV	2641444	3020227	87.90%	10.135%
13	9.402	638	640	642	rVB	72012	64805	1.89%	0.217%
14	9.665	661	663	666	rBV	511823	653628	19.02%	2.193%
15	9.893	681	683	686	rBV	65326	53044	1.54%	0.178%
16	9.950	686	688	691	rVB	581968	745790	21.71%	2.503%
17	10.396	725	727	728	rVB	87644	73988	2.15%	0.248%
18	10.613	743	746	749	rBV	26641	42066	1.22%	0.141%
19	10.739	755	757	760	rBV	1674389	1686601	49.09%	5.660%
20	10.865	766	768	772	rBV2	94911	113868	3.31%	0.382%
21	10.956	775	776	778	rVB2	51165	47153	1.37%	0.158%
22	11.311	805	807	809	rBV	58036	49539	1.44%	0.166%
23	11.436	816	818	820	rBV	824462	706895	20.57%	2.372%
24	11.665	835	838	840	rBV	323675	280647	8.17%	0.942%
25	11.962	863	864	866	rBV	38216	42607	1.24%	0.143%
26	12.145	876	880	882	rBV	31087	44416	1.29%	0.149%
27	12.476	907	909	912	rBV	190905	218420	6.36%	0.733%
28	12.899	939	946	949	rBV2	33401	86157	2.51%	0.289%
29	13.025	954	957	959	rBV	1961042	2587871	75.32%	8.684%
30	13.471	994	996	997	rBV	38127	36457	1.06%	0.122%
31	13.917	1032	1035	1039	rBV	110200	175560	5.11%	0.589%
32	14.065	1045	1048	1050	rBV	745073	711233	20.70%	2.387%
33	14.545	1089	1090	1091	rBV	44900	43995	1.28%	0.148%
34	14.922	1121	1123	1125	rVB	60077	62506	1.82%	0.210%

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.505	1171	1174	1176	rBV	359673	478124	13.92%	1.604%
36	15.665	1186	1188	1193	rVB3	51080	72931	2.12%	0.245%
37	16.225	1234	1237	1246	rVB2	116080	315949	9.20%	1.060%
38	16.648	1272	1274	1279	rVB	73133	146952	4.28%	0.493%
39	17.220	1322	1324	1328	rVB2	51282	97159	2.83%	0.326%

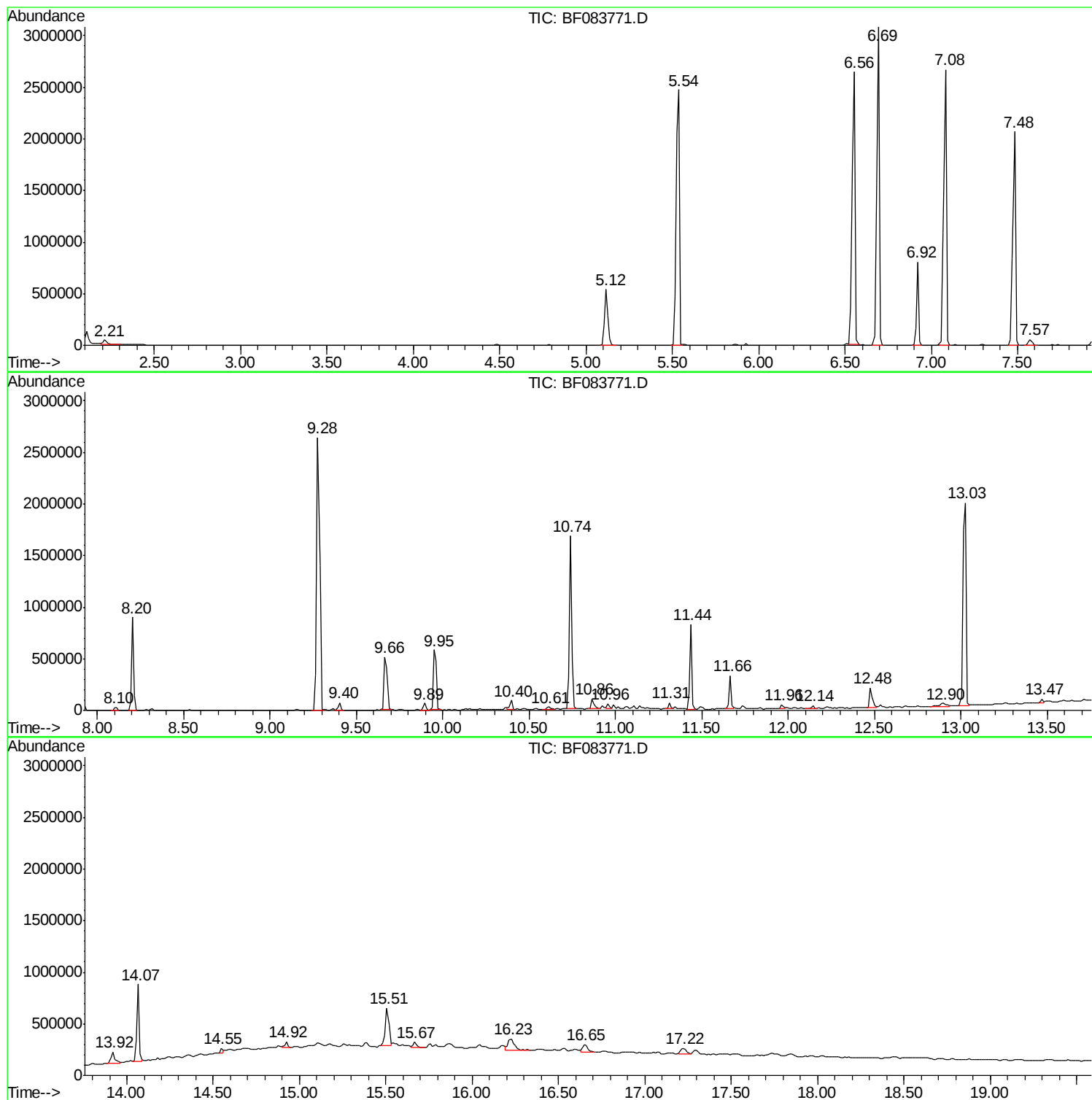
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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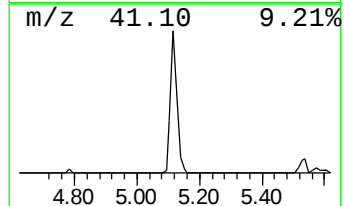
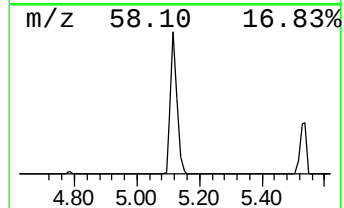
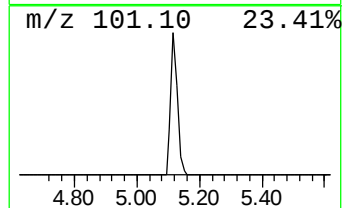
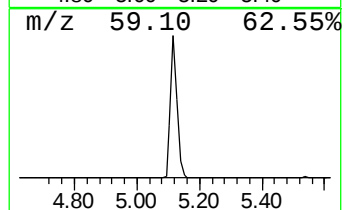
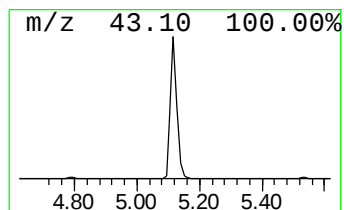
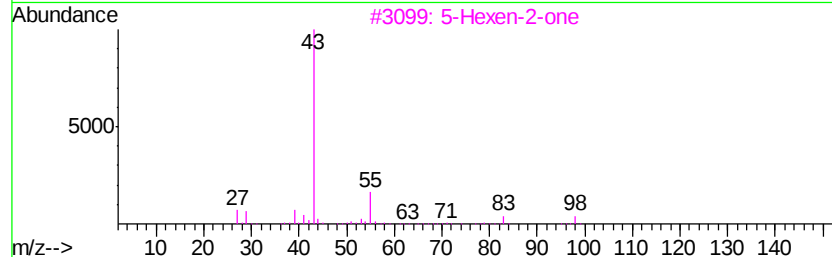
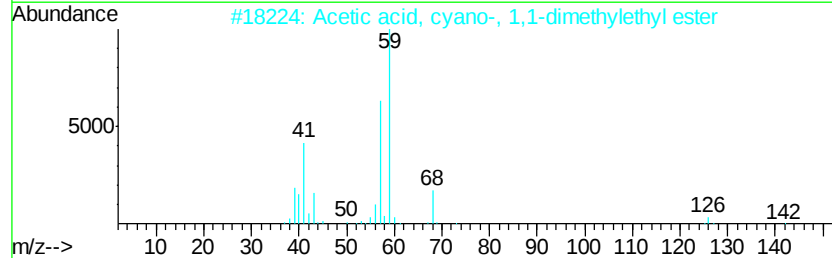
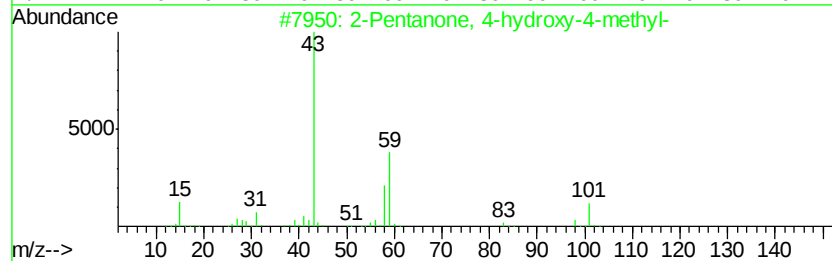
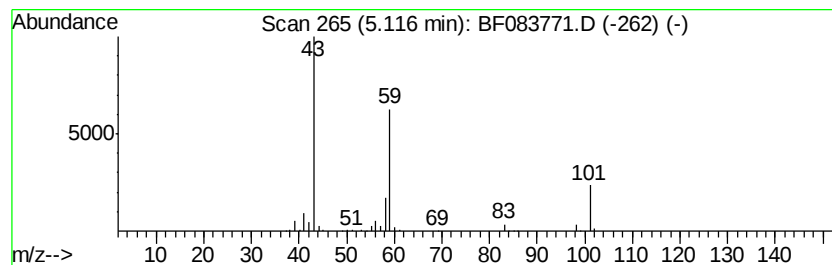
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	21.97 ng	759784	1,4-Dichlorobenzene-d4	6.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3			5-Hexen-2-one	98	C6H10O	000109-49-9	9
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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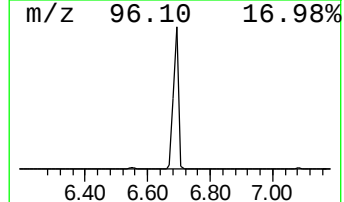
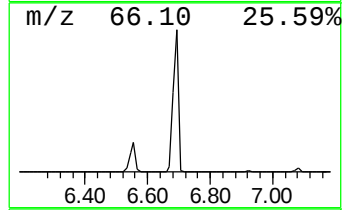
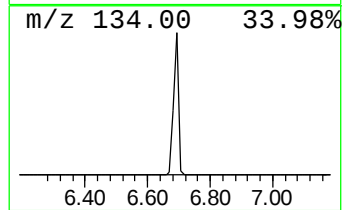
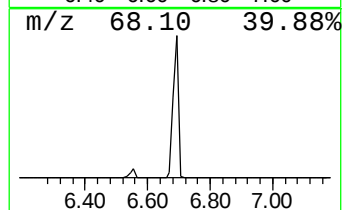
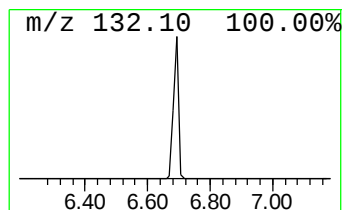
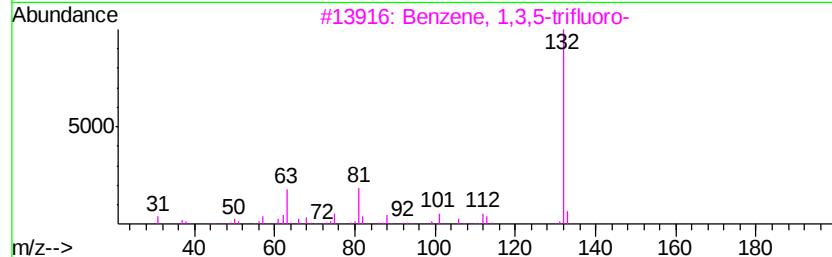
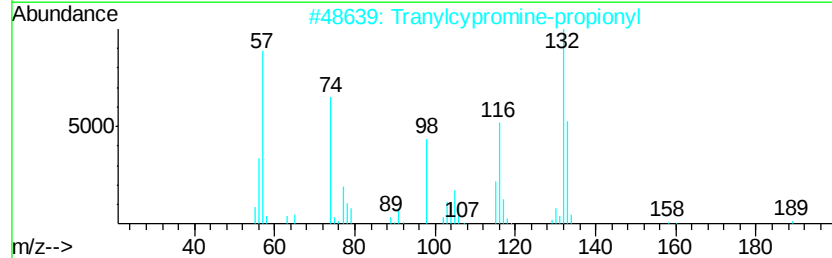
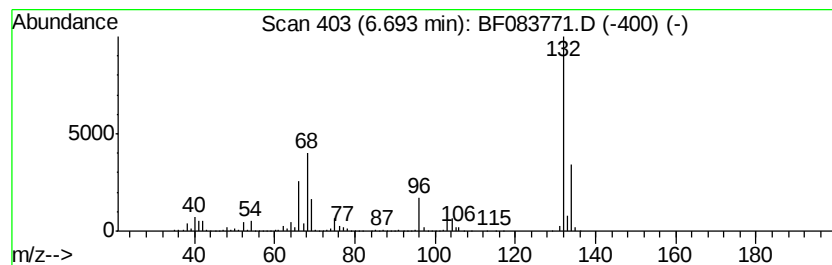
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	95.50 ng	3303260	1,4-Dichlorobenzene-d4	6.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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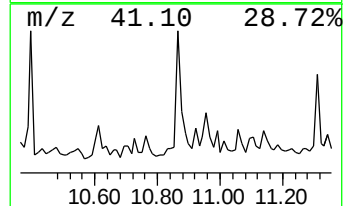
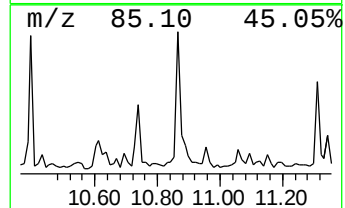
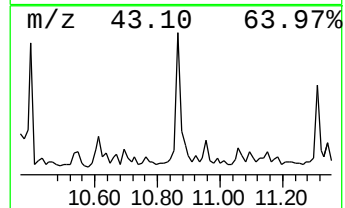
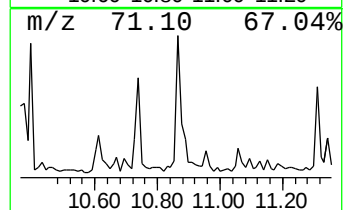
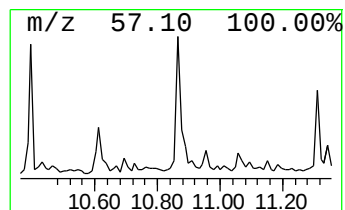
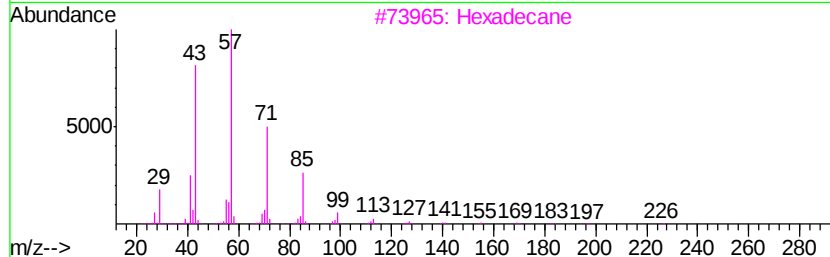
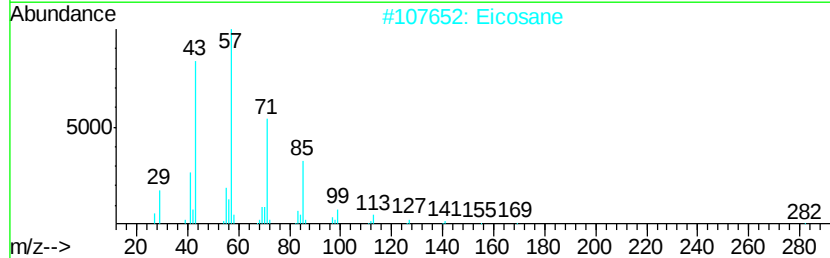
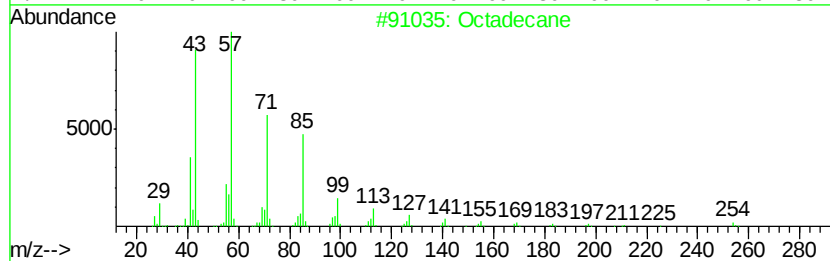
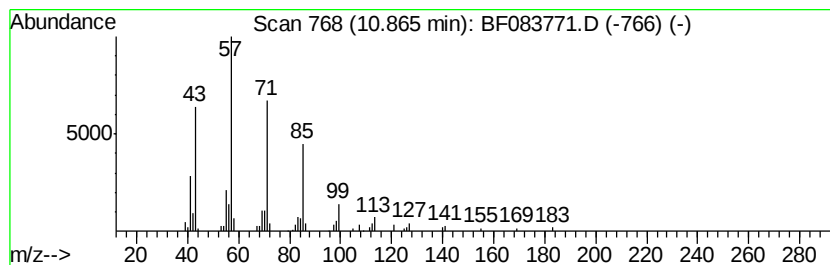
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	3.22 ng	113868	Phenanthrene-d10	11.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	91
2	Eicosane		282	C20H42	000112-95-8	91
3	Hexadecane		226	C16H34	000544-76-3	90
4	Tetradecane		198	C14H30	000629-59-4	87
5	Pentadecane		212	C15H32	000629-62-9	87



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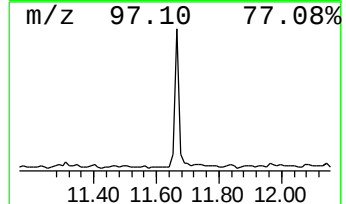
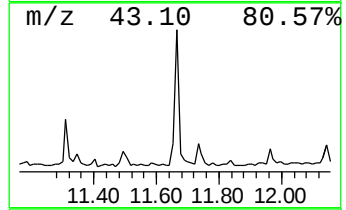
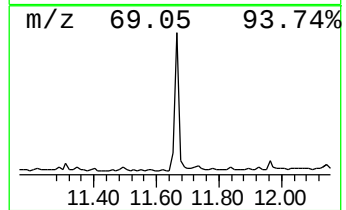
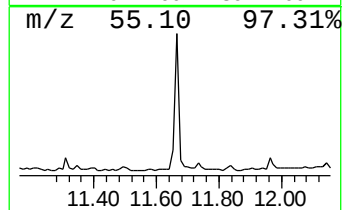
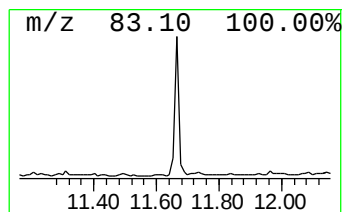
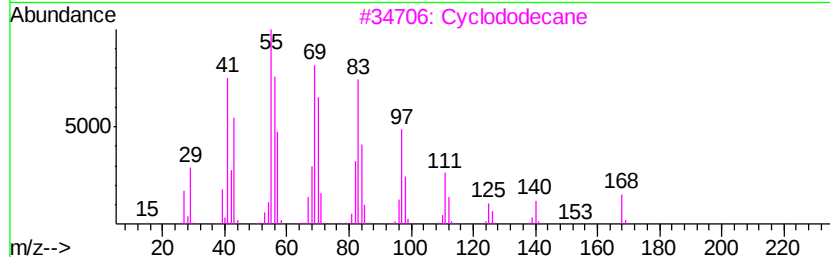
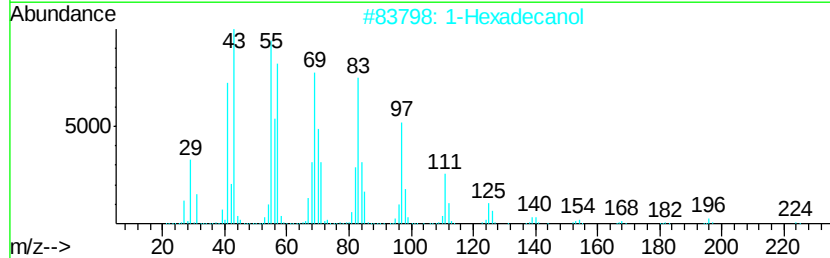
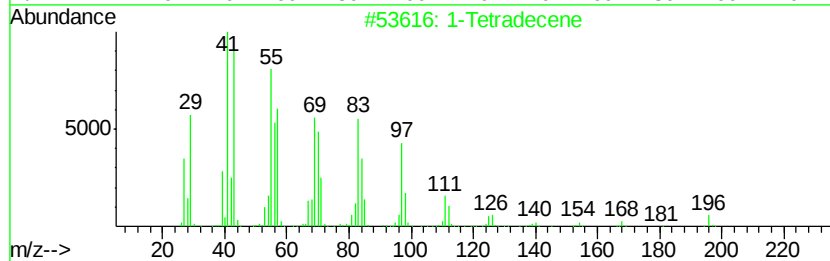
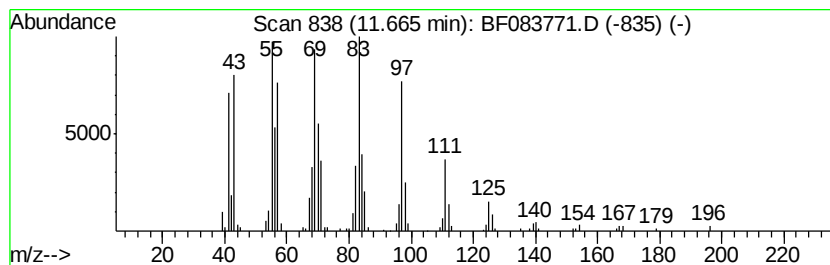
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1-Tetradecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	7.94 ng	280647	Phenanthrene-d10	11.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Tetradecene	196	C14H28	001120-36-1	94
2		1-Hexadecanol	242	C16H34O	036653-82-4	94
3		Cyclododecane	168	C12H24	000294-62-2	91
4		1-Pentadecanol	228	C15H32O	000629-76-5	91
5		Cyclotetradecane	196	C14H28	000295-17-0	91



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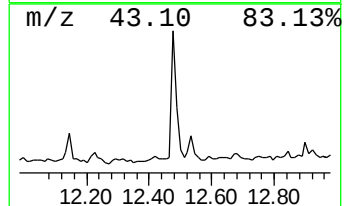
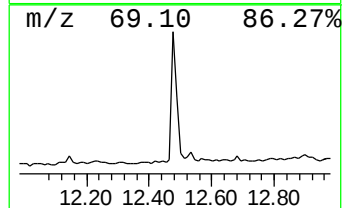
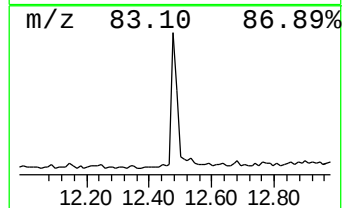
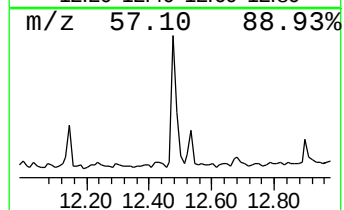
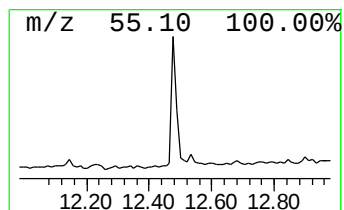
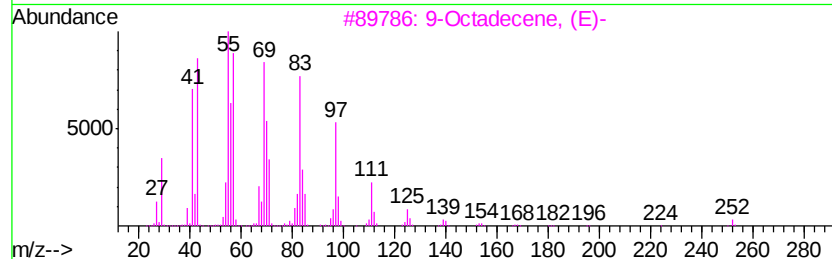
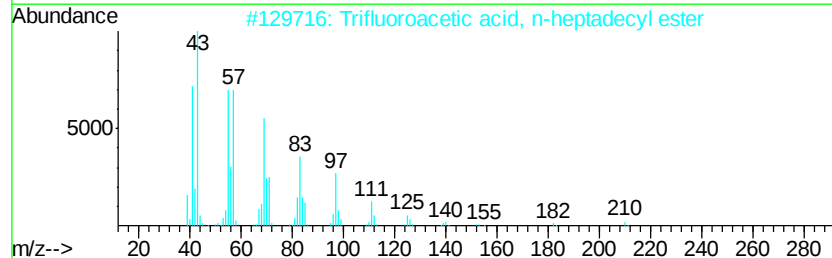
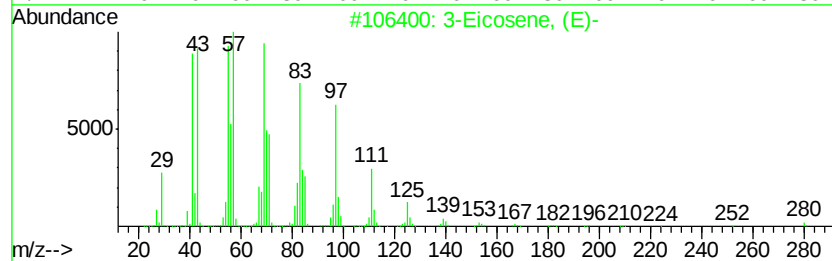
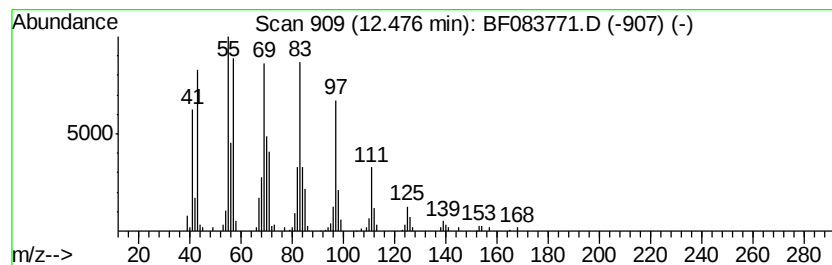
Instrument :
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 3-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.48	6.18 ng	218420	Phenanthrene-d10	11.44	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	94
2	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	91
3	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
4	4-Heptafluorobutvryloxyhexadecane	438	C20H33F7O2	1000282-97-2	91
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91



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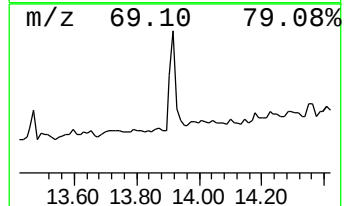
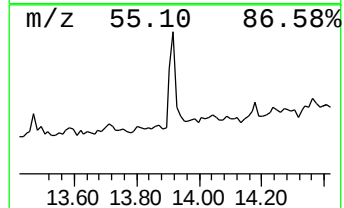
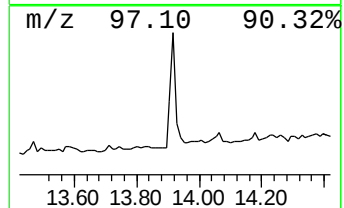
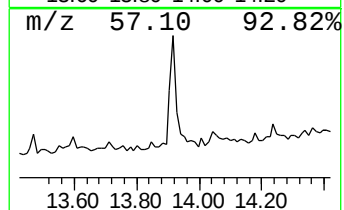
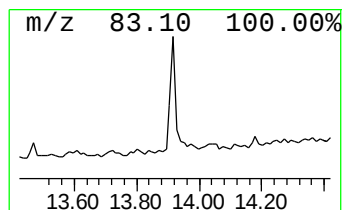
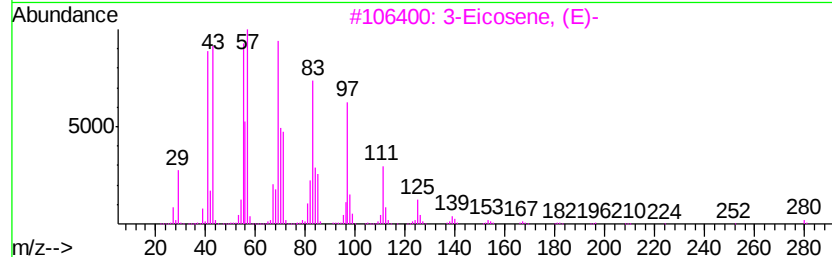
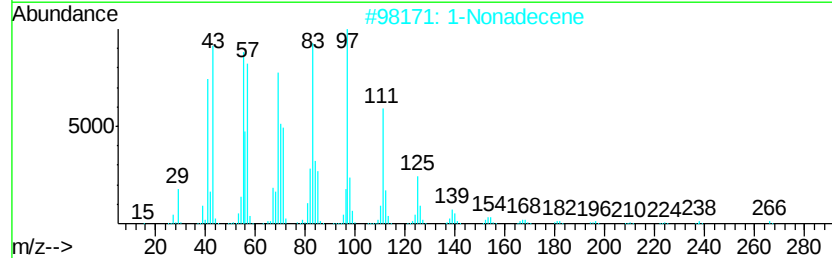
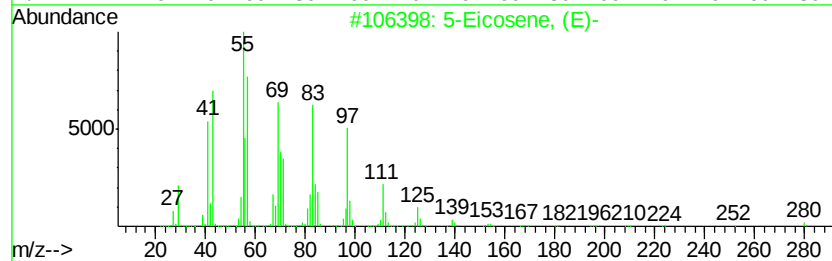
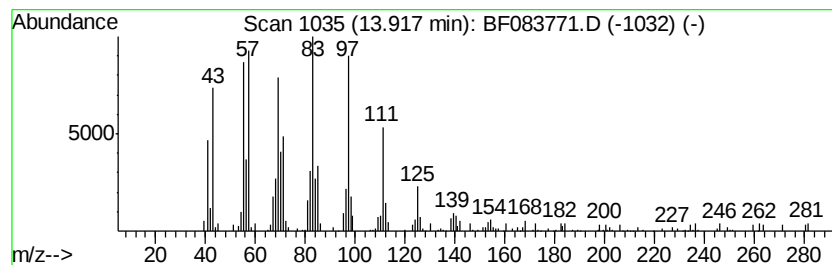
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 5-Eicosene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	4.94 ng	175560	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2		1-Nonadecene	266	C19H38	018435-45-5	91
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4		1-Eicosene	280	C20H40	003452-07-1	89
5		9-Eicosene, (E)-	280	C20H40	074685-29-3	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121315\
Data File : BF083771.D
Acq On : 14 Dec 2015 11:09
Operator : UM/IZ
Sample : G4761-01
Misc :
ALS Vial : 61 Sample Multiplier: 1

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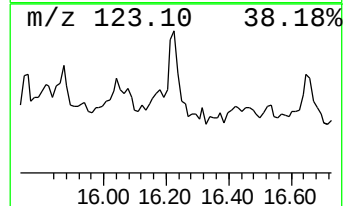
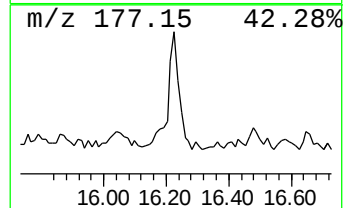
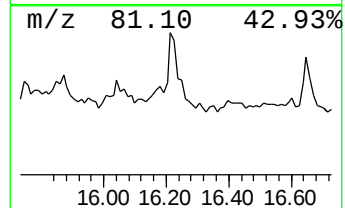
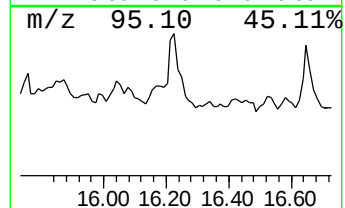
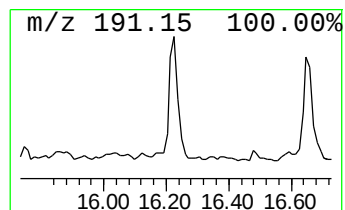
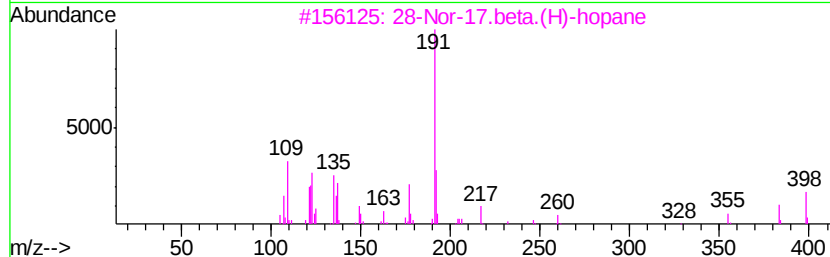
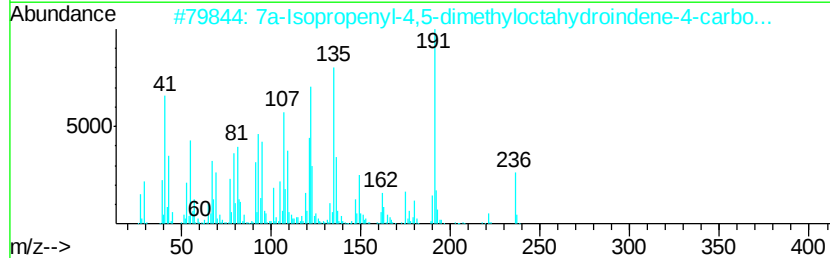
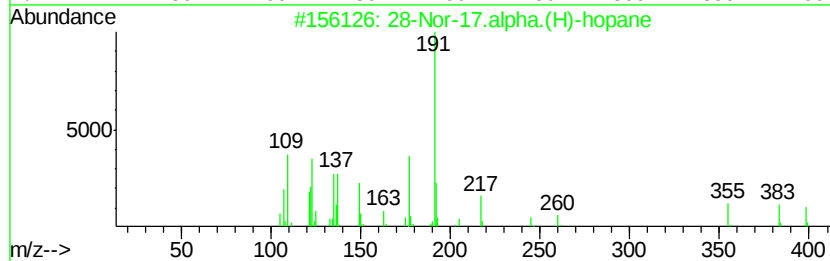
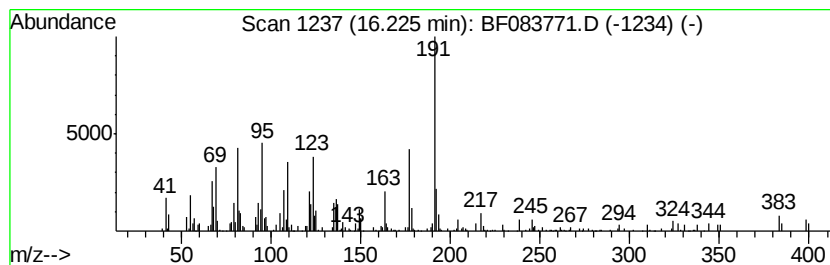
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 28-Nor-17.alpha.(H)-hopane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	13.22 ng	315949	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	93
2		7a-Isopropenyl-4,5-dimethyloctah...	236	C15H24O2	1000192-14-7	40
3		28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	38
4		Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	37
5		2-(2-((2-Chloro-6-fluorobenzyl)s...	334	C17H16ClFN2S	1000298-18-2	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121315\
Data File : BF083771.D
Acq On : 14 Dec 2015 11:09
Operator : UM/IZ
Sample : G4761-01
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BOTTOM-1

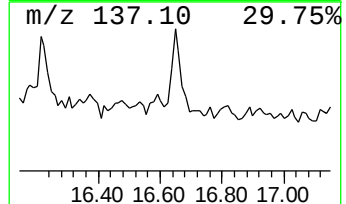
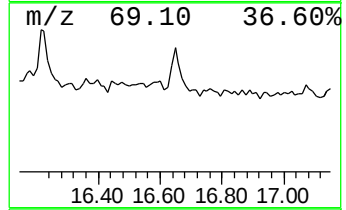
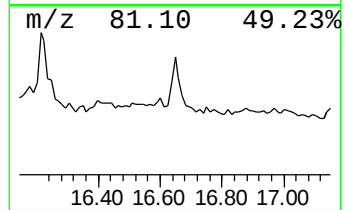
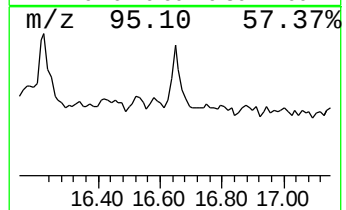
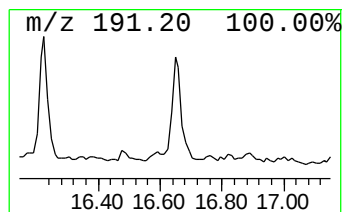
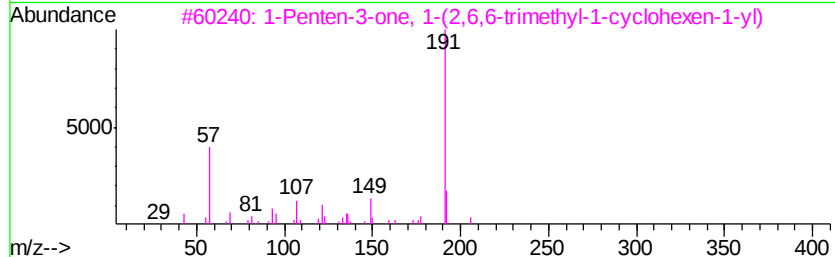
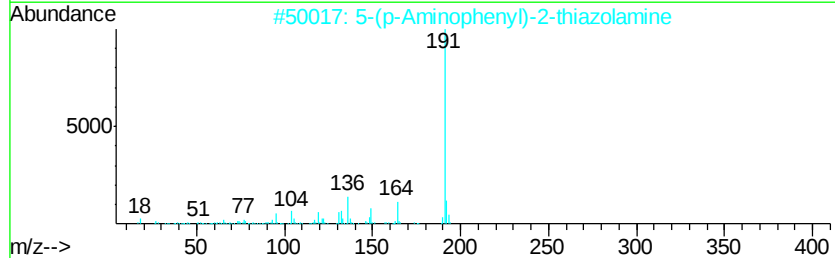
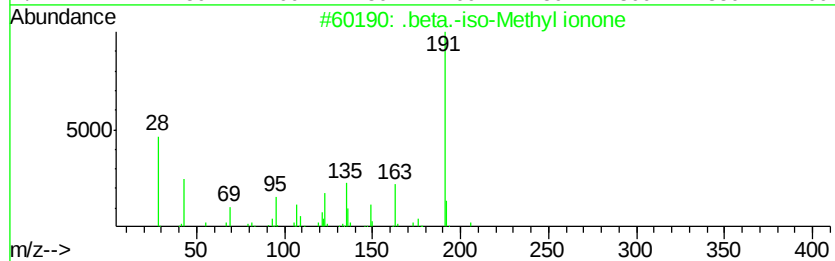
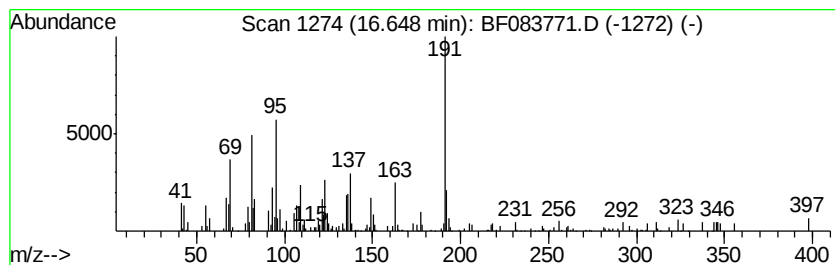
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 .beta.-iso-Methyl ionone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	6.15 ng	146952	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	60
2		5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	38
3		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	38
4		Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	37
5		1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	37



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
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Acq On : 14 Dec 2015 11:09
Operator : UM/IZ
Sample : G4761-01
Misc :
ALS Vial : 61 Sample Multiplier: 1

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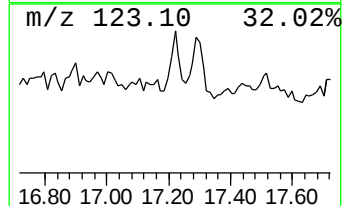
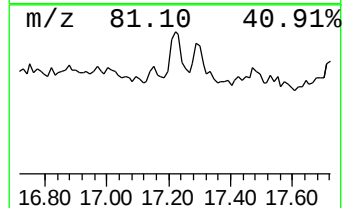
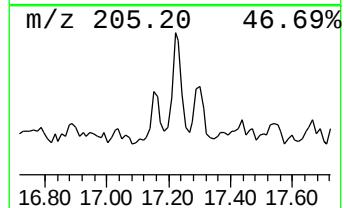
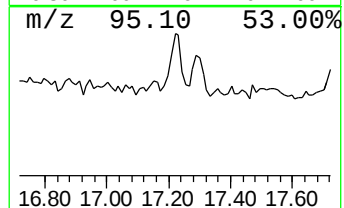
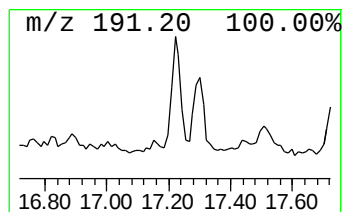
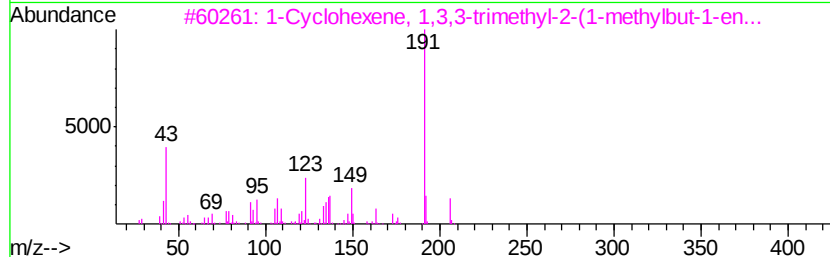
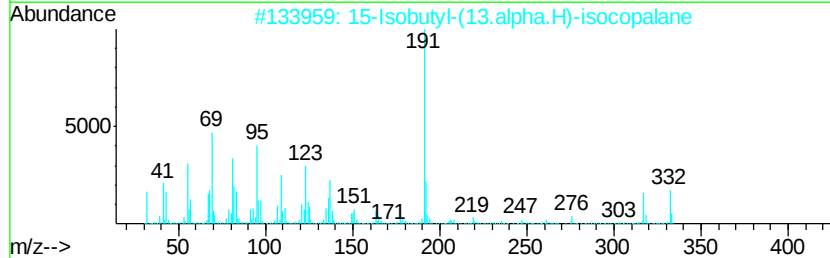
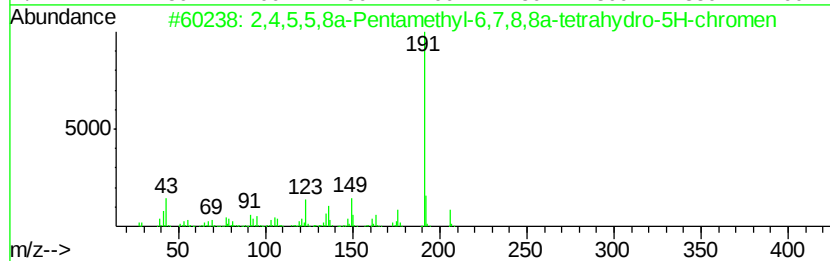
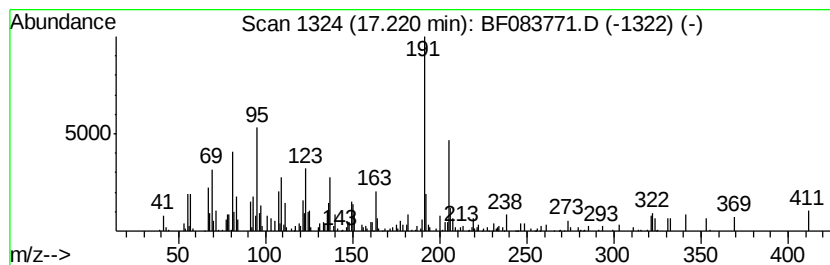
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2,4,5,5,8a-Pentamethyl-6,7,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	4.06 ng	97159	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	50
2		15-Isobutyl-(13.alpha.H)-isocopa...	332	C24H44	087953-47-7	43
3		1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	38
4		Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	35
5		Propenamide, 3-(3,4-dimethoxyph...	313	C18H19NO4	339165-72-9	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121315\
Data File : BF083771.D
Acq On : 14 Dec 2015 11:09
Operator : UM/IZ
Sample : G4761-01
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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...	5.12	22.0	ng	759784	1	6.92	691801	20.0
unknown6.69	6.69	95.5	ng	3303260	1	6.92	691801	20.0
Octadecane	10.86	3.2	ng	113868	4	11.44	706895	20.0
1-Tetradecene	11.66	7.9	ng	280647	4	11.44	706895	20.0
3-Eicosene, (E)-	12.48	6.2	ng	218420	4	11.44	706895	20.0
5-Eicosene, (E)-	13.92	4.9	ng	175560	5	14.07	711233	20.0
28-Nor-17.alpha.(...	16.23	13.2	ng	315949	6	15.51	478124	20.0
.beta.-iso-Methyl...	16.65	6.2	ng	146952	6	15.51	478124	20.0
2,4,5,5,8a-Pentam...	17.22	4.1	ng	97159	6	15.51	478124	20.0