

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
 Data File : BF082093.D
 Acq On : 6 Oct 2015 19:42
 Operator : UM/IZ
 Sample : G3906-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-DGA-01

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-BF092815.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	5.074	254	257	269	rVB	848255	1288893	50.13%	5.457%
2	5.486	290	293	295	rBV	2264533	2414588	93.92%	10.223%
3	6.514	380	383	386	rBV	1812244	2257442	87.81%	9.558%
4	6.651	392	395	397	rBV	2577113	2570885	100.00%	10.885%
5	6.880	413	415	418	rBV	555212	482401	18.76%	2.042%
6	7.040	426	429	431	rBV	2129119	1990446	77.42%	8.428%
7	7.452	462	465	467	rBV	1465114	1456460	56.65%	6.167%
8	8.172	525	528	530	rBV	614173	621211	24.16%	2.630%
9	8.217	530	532	534	rVB	20239	35232	1.37%	0.149%
10	8.583	562	564	565	rBV	37118	32540	1.27%	0.138%
11	9.189	615	617	619	rBV2	22829	28298	1.10%	0.120%
12	9.246	619	622	624	rBV	2513581	2240062	87.13%	9.484%
13	9.635	654	656	658	rBV	275469	378417	14.72%	1.602%
14	9.852	671	675	677	rVB3	17414	30074	1.17%	0.127%
15	9.920	679	681	683	rVV2	658459	719944	28.00%	3.048%
16	9.955	683	684	689	rVB4	22234	31901	1.24%	0.135%
17	10.172	701	703	707	rVB3	19571	32204	1.25%	0.136%
18	10.240	707	709	712	rBV3	14111	28551	1.11%	0.121%
19	10.355	715	719	720	rBV2	27951	48873	1.90%	0.207%
20	10.572	735	738	741	rVB	27169	40044	1.56%	0.170%
21	10.720	748	751	753	rBV	1426758	1700584	66.15%	7.200%
22	10.823	758	760	765	rVB	64494	106802	4.15%	0.452%
23	11.166	786	790	793	rBV4	11469	30165	1.17%	0.128%
24	11.269	797	799	800	rBV	42369	41582	1.62%	0.176%
25	11.303	800	802	805	rVB2	32063	44831	1.74%	0.190%
26	11.406	809	811	816	rBV	437430	754684	29.36%	3.195%
27	11.932	853	857	860	rBV2	32153	59466	2.31%	0.252%
28	12.023	863	865	871	rVB	22583	41201	1.60%	0.174%
29	12.629	916	918	920	rBV	73400	100765	3.92%	0.427%
30	12.858	935	938	941	rBV	71925	118888	4.62%	0.503%
31	12.995	948	950	953	rBV	1447356	1821604	70.86%	7.713%
32	13.178	963	966	968	rBV2	14040	25765	1.00%	0.109%
33	13.898	1027	1029	1034	rBV	85900	166391	6.47%	0.704%
34	14.058	1040	1043	1045	rBV	442453	636231	24.75%	2.694%

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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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.087	1130	1133	1136	rBV	42354	100467	3.91%	0.425%
36	15.441	1162	1164	1167	rBV2	37291	65639	2.55%	0.278%
37	15.498	1167	1169	1174	rVV	306472	519387	20.20%	2.199%
38	15.635	1179	1181	1186	rVB4	41909	71809	2.79%	0.304%
39	16.184	1226	1229	1237	rVB	65428	168364	6.55%	0.713%
40	16.607	1263	1266	1272	rVB	70903	153352	5.96%	0.649%
41	17.167	1312	1315	1318	rBV2	33760	71456	2.78%	0.303%
42	17.235	1319	1321	1325	rVB3	29658	56407	2.19%	0.239%
43	17.658	1356	1358	1361	rBV3	16084	34089	1.33%	0.144%

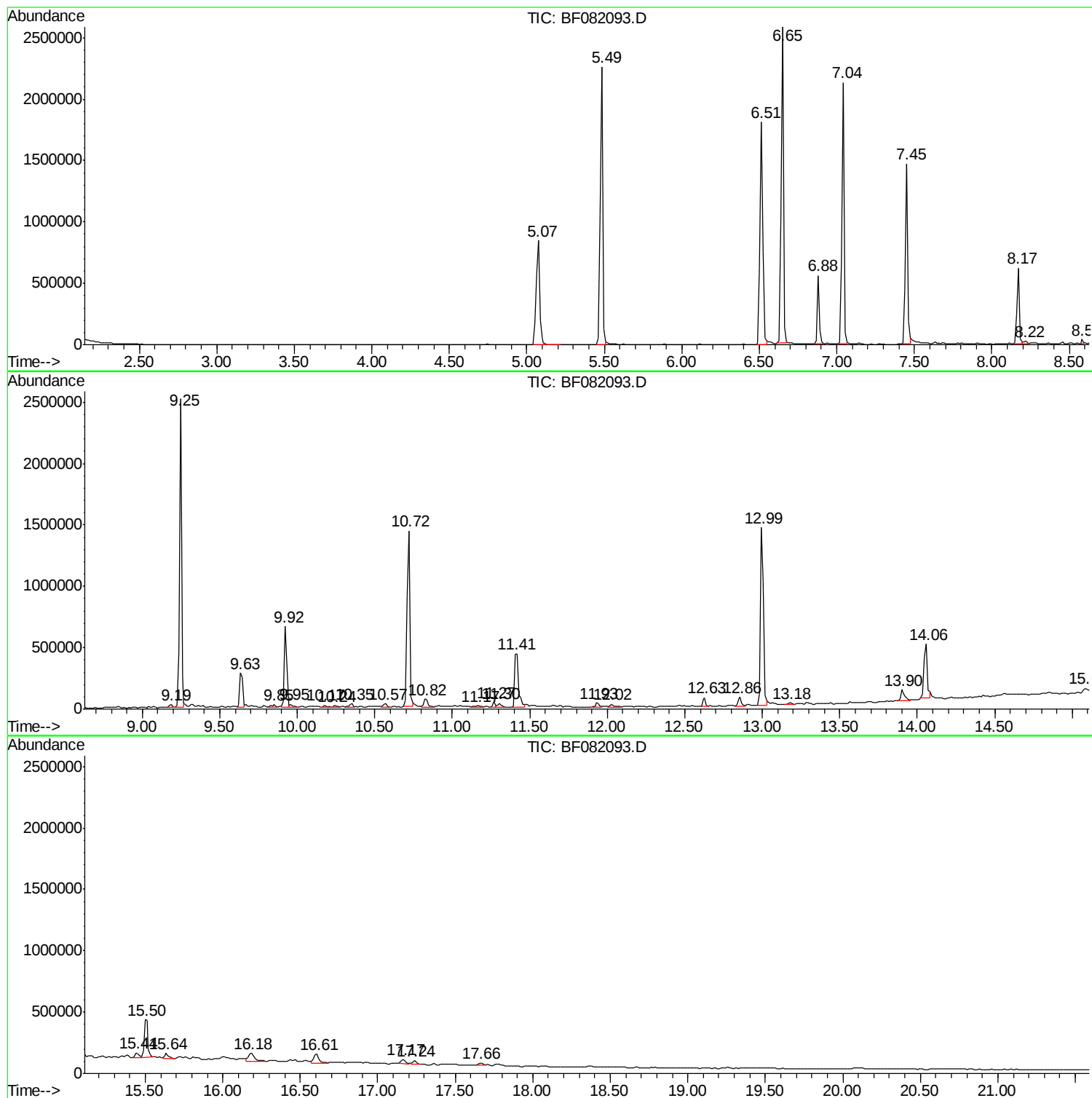
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
IM-MLA-DGA-01

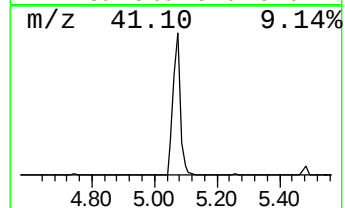
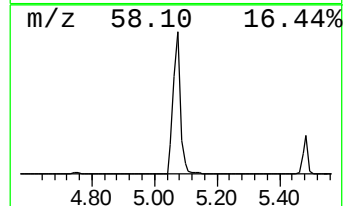
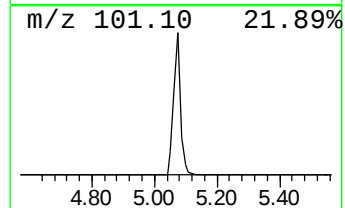
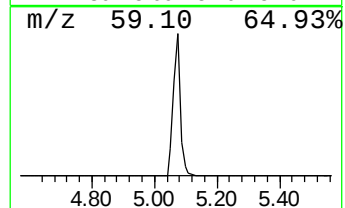
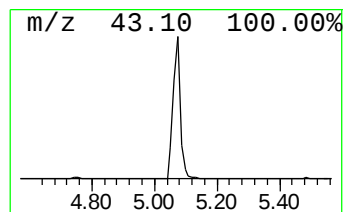
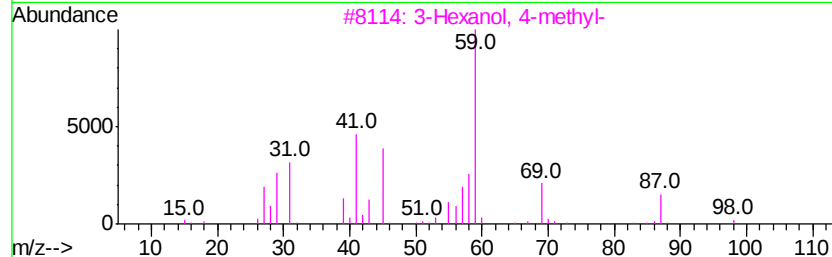
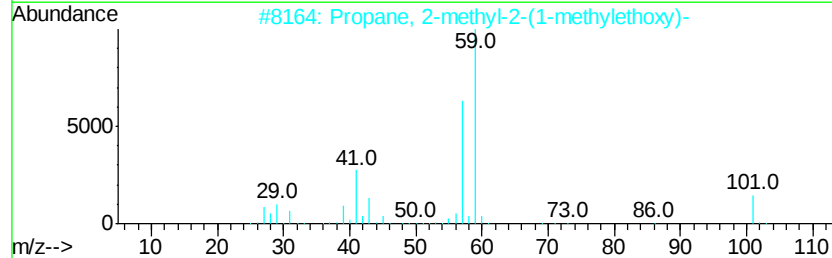
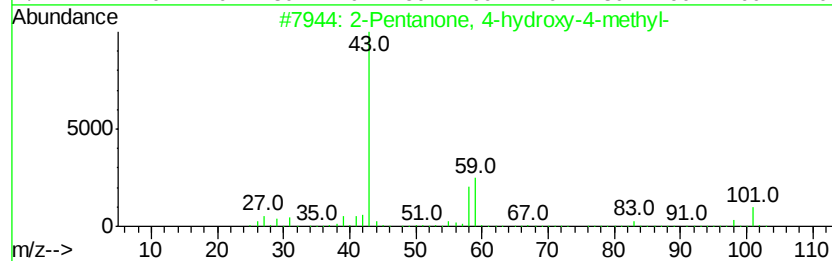
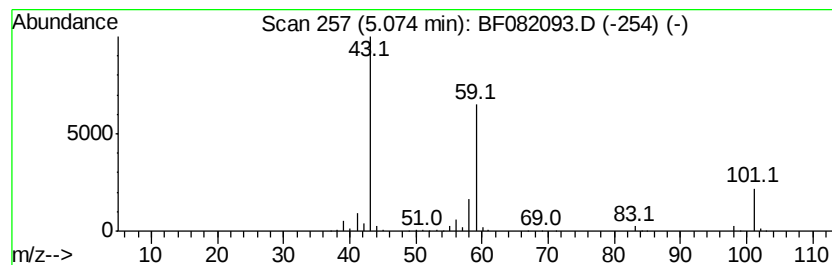
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.07	53.44 ng	1288890	1,4-Dichlorobenzene-d4	6.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64	
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53	
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28	
4	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25	
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9	



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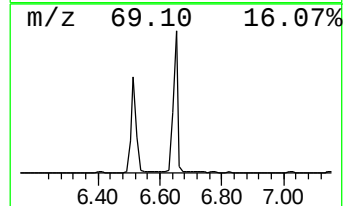
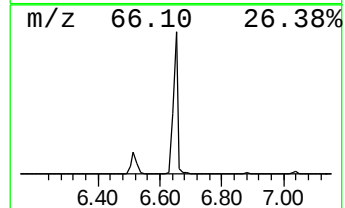
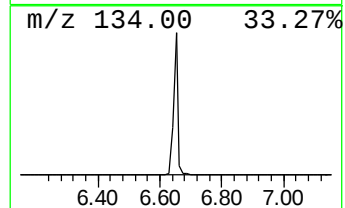
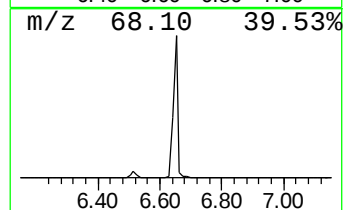
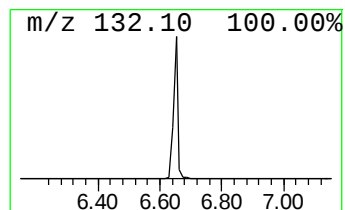
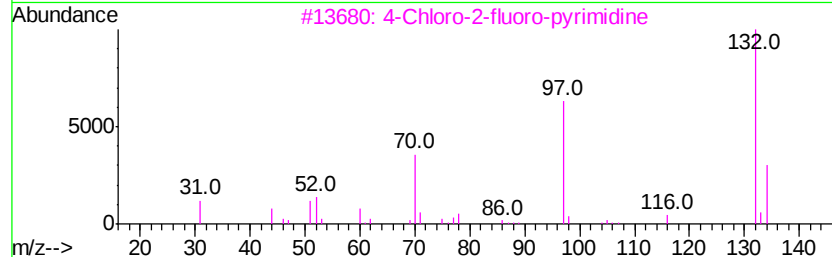
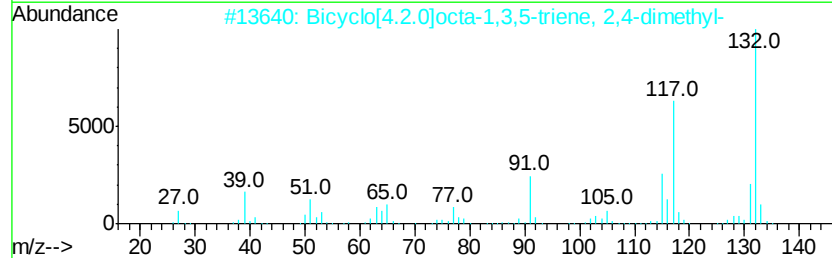
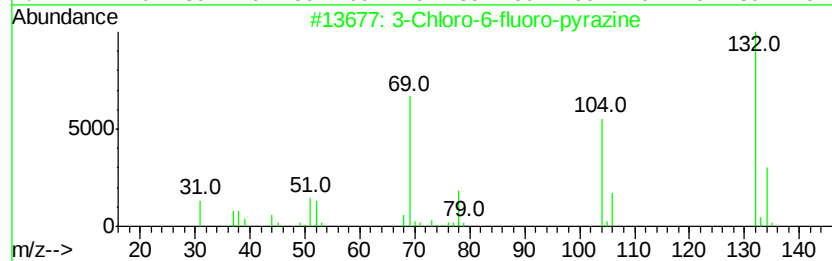
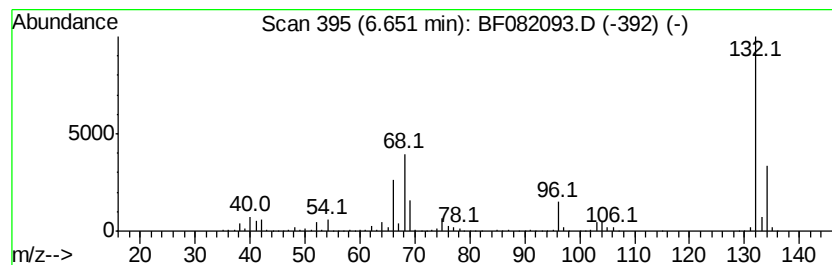
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	106.59 ng	2570890	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		5-Aminoindole	132	C8H8N2	005192-03-0	9



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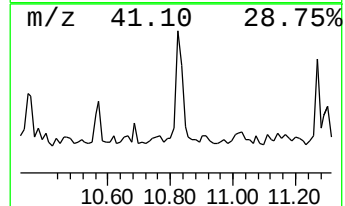
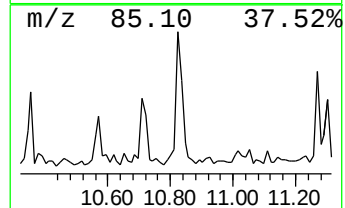
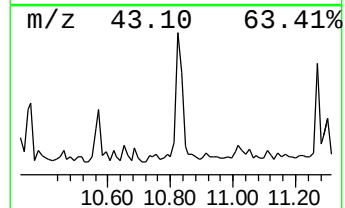
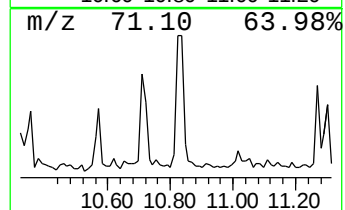
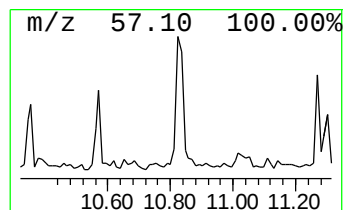
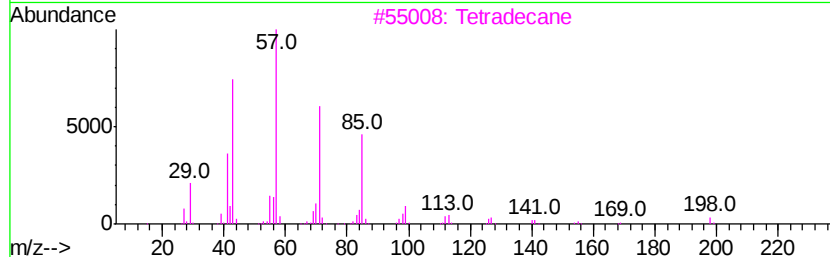
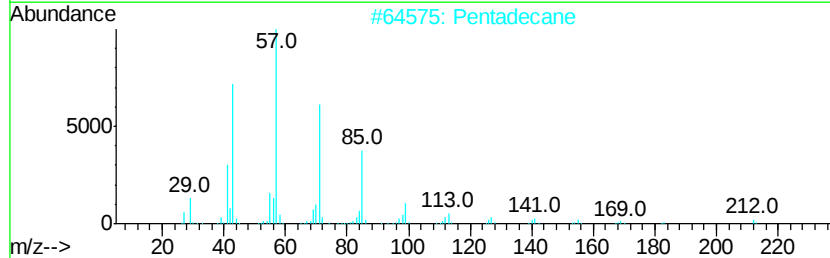
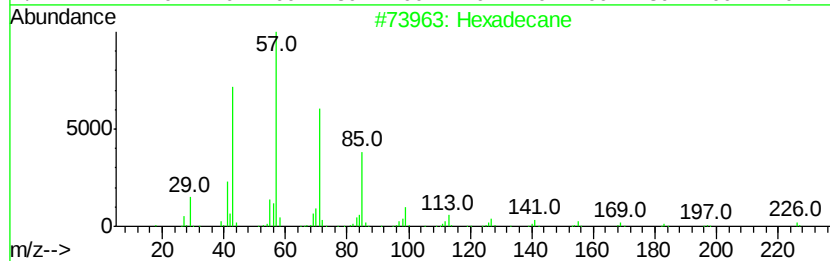
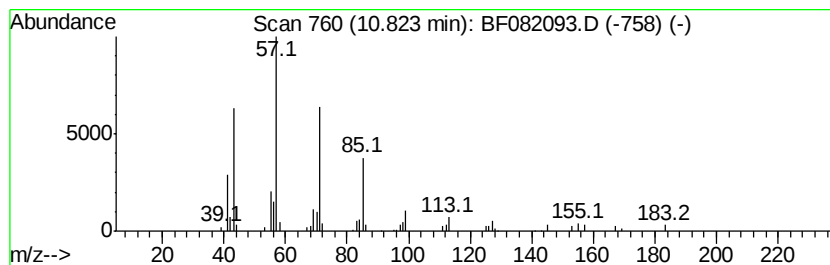
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	2.83 ng	106802	Phenanthrene-d10	11.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	90
2	Pentadecane	212 C15H32	000629-62-9	90
3	Tetradecane	198 C14H30	000629-59-4	86
4	Heptadecane	240 C17H36	000629-78-7	86
5	Octadecane	254 C18H38	000593-45-3	86



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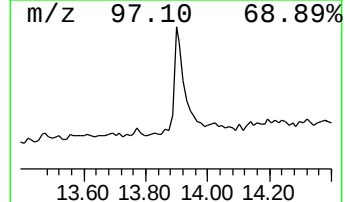
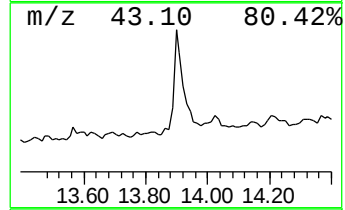
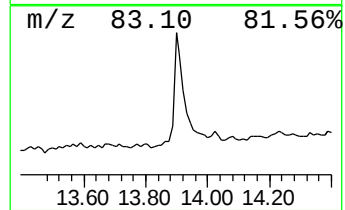
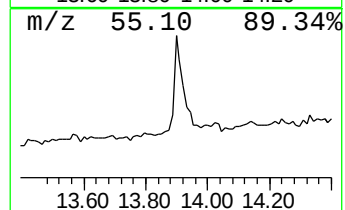
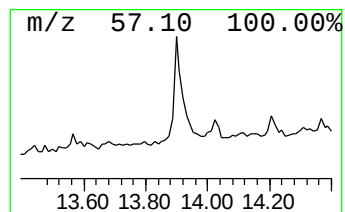
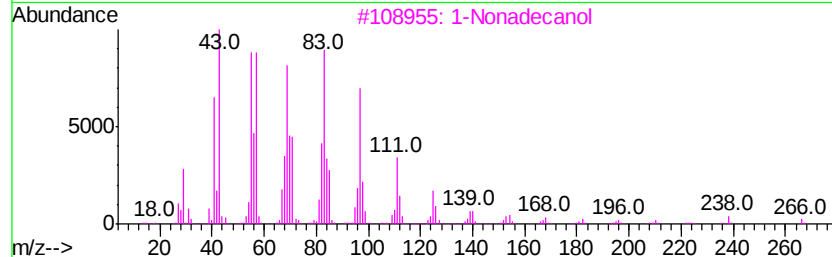
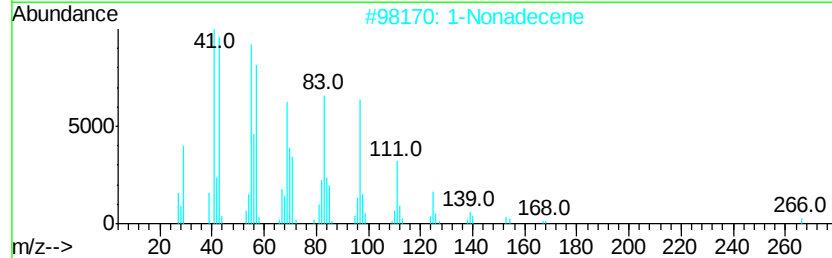
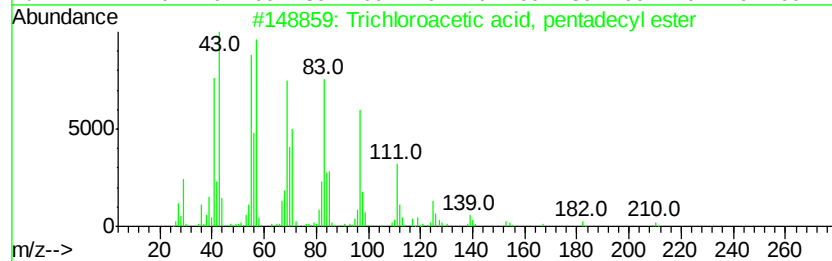
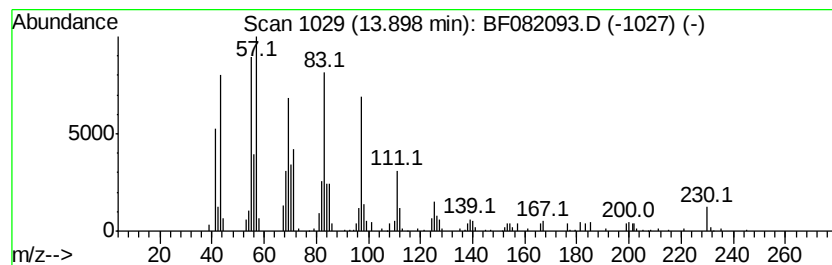
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Trichloroacetic acid, penta... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	5.23 ng	166391	Chrysene-d12	14.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
2		1-Nonadecene	266	C19H38	018435-45-5	91
3		1-Nonadecanol	284	C19H40O	001454-84-8	91
4		11-Tricosene	322	C23H46	052078-56-5	91
5		3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	87



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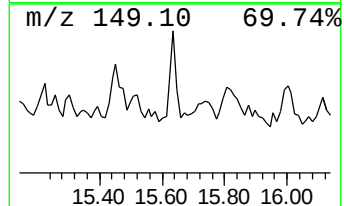
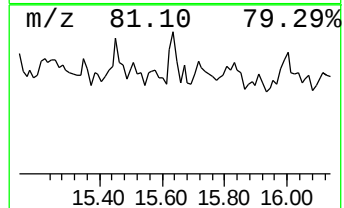
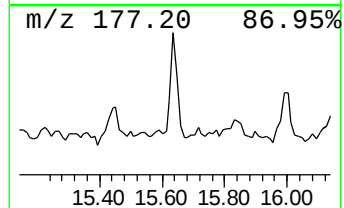
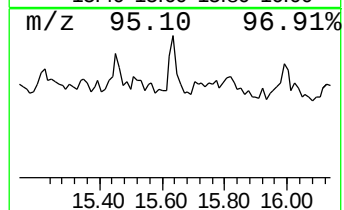
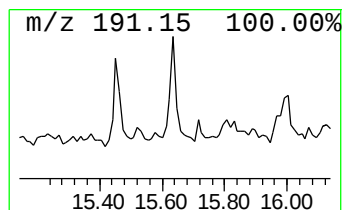
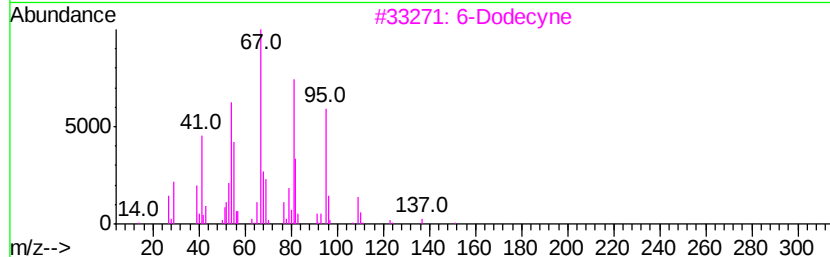
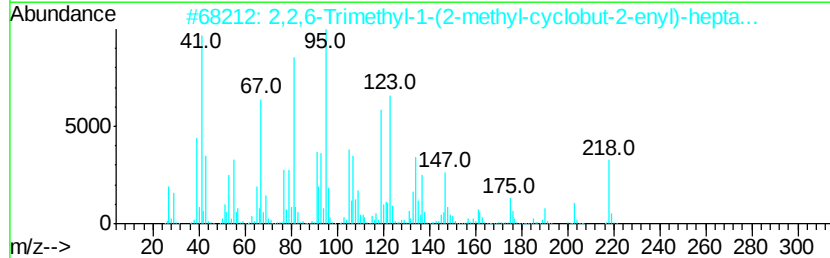
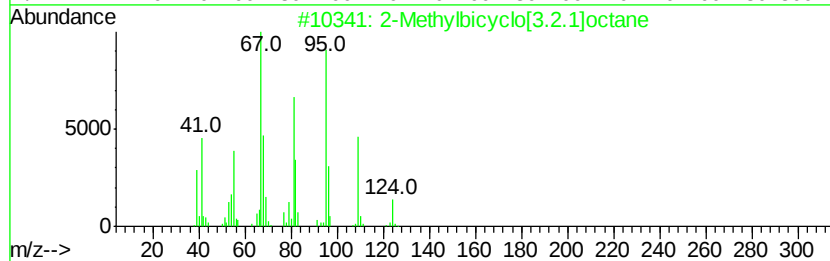
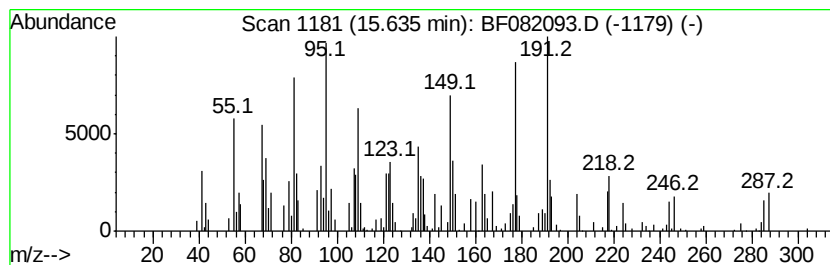
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown15.64 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	2.77 ng	71809	Perylene-d12	15.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylbicyclo[3.2.1]octane			124	C9H16	1000215-28-0	27
2	2,2,6-Trimethyl-1-(2-methyl-cycl...			218	C15H22O	1000188-72-8	25
3	6-Dodecyne			166	C12H22	006975-99-1	22
4	5-Hexen-1-one, 1-(1H-imidazol-4-...			192	C11H16N2O	069393-41-5	15
5	4H-1,2,4-Triazole, 3-ethyl-5-(3,...			191	C9H13N5	328532-29-2	15



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
Data File : BF082093.D
Acq On : 6 Oct 2015 19:42
Operator : UM/IZ
Sample : G3906-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

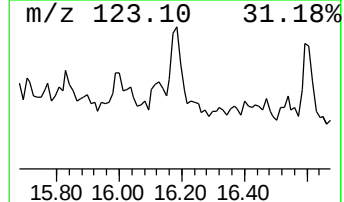
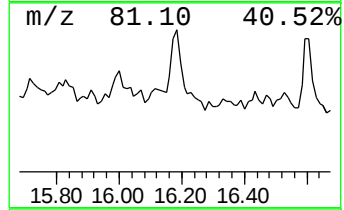
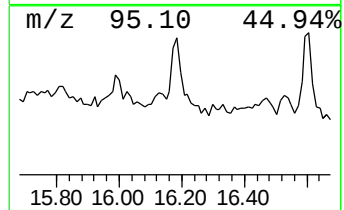
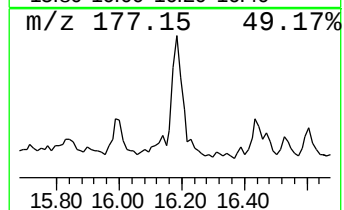
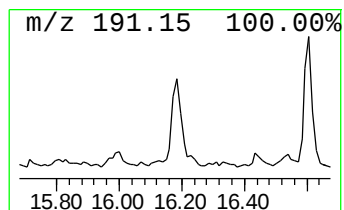
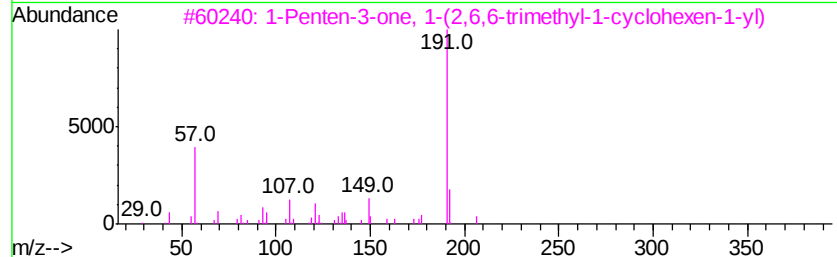
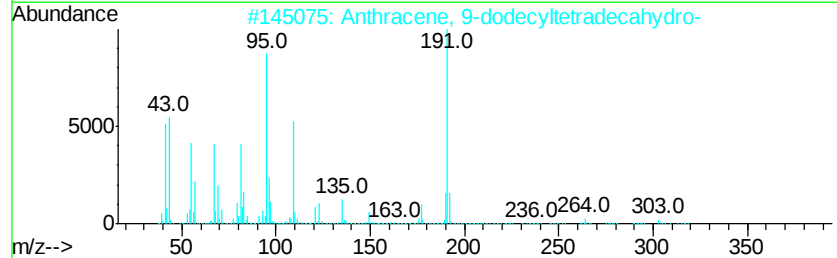
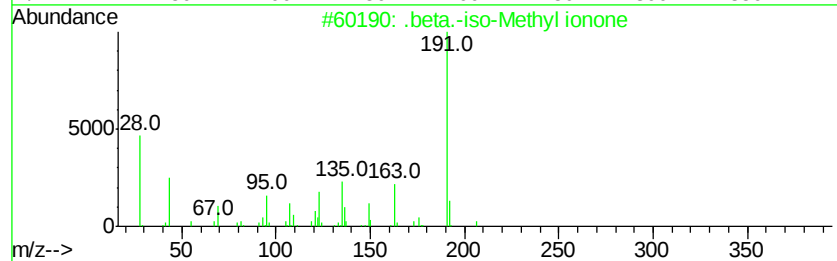
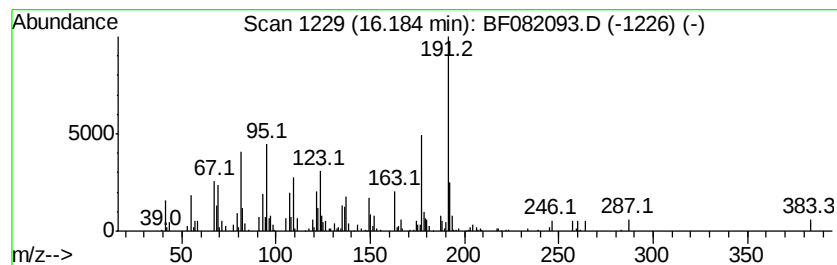
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BNA_F
ClientSampleId :
IM-MLA-DGA-01

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
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 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	6.48 ng	168364	Perylene-d12	15.51
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.beta.-iso-Methyl ionone	206 C14H22O	1000285-40-2 59
2		Anthracene, 9-dodecyltetradecahy...	360 C26H48	055401-75-7 47
3		1-Penten-3-one, 1-(2,6,6-trimeth...	206 C14H22O	000127-43-5 46
4		2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206 C14H22O	1000195-40-9 37
5		1-Cyclohexene, 1,3,3-trimethyl-2...	206 C14H22O	1000197-08-4 32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100615\
Data File : BF082093.D
Acq On : 6 Oct 2015 19:42
Operator : UM/IZ
Sample : G3906-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IM-MLA-DGA-01

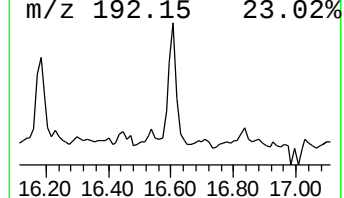
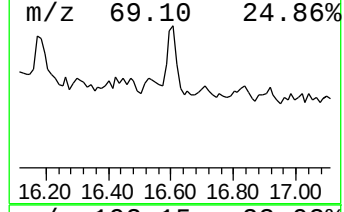
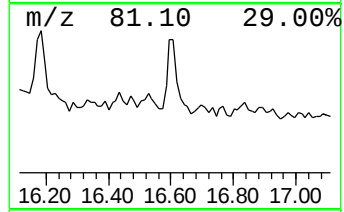
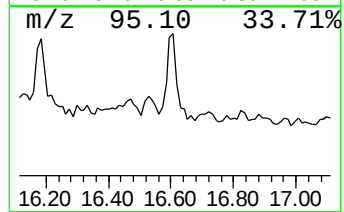
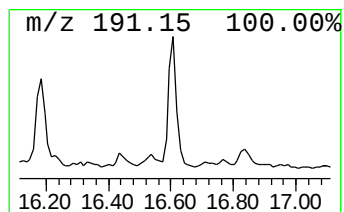
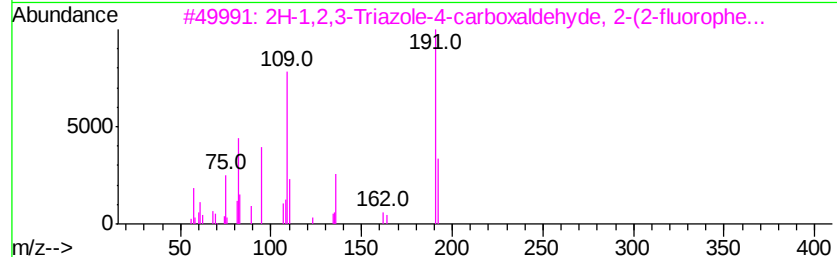
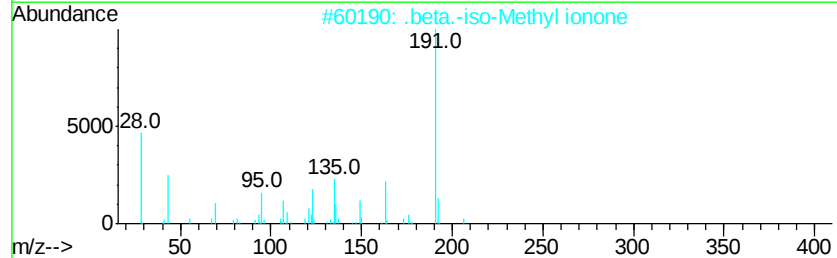
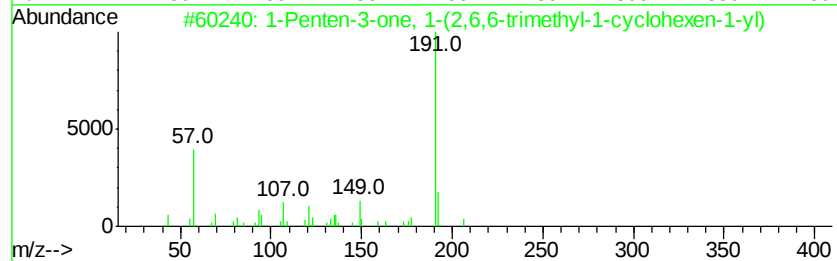
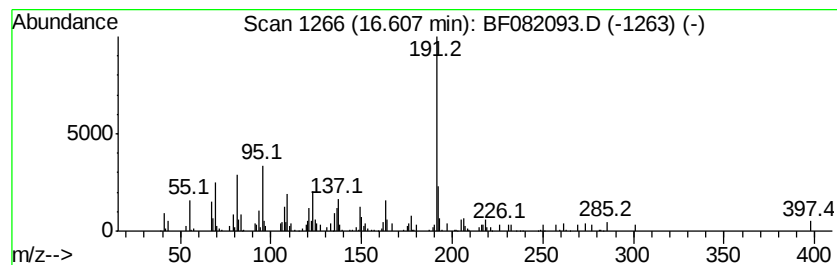
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Penten-3-one, 1-(2,6,6-tr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	5.91 ng	153352	Perylene-d12	15.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	92
2			.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	68
3			2H-1,2,3-Triazole-4-carboxaldehv...	191	C9H6FN3O	051306-43-5	53
4			3-Buten-2-one, 4-(2,5,6,6-tetram...	206	C14H22O	000079-70-9	49
5			N,N-Tetramethylene-3,4-dimethoxy...	261	C15H19NO3	327079-67-4	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
Data File : BF082093.D
Acq On : 6 Oct 2015 19:42
Operator : UM/IZ
Sample : G3906-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IM-MLA-DGA-01

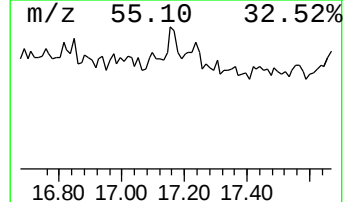
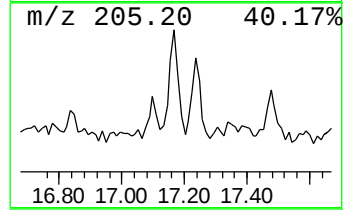
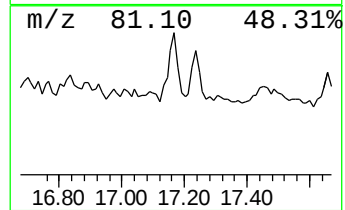
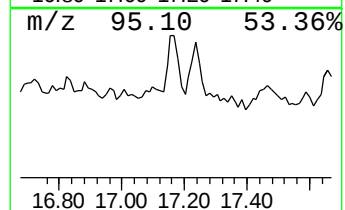
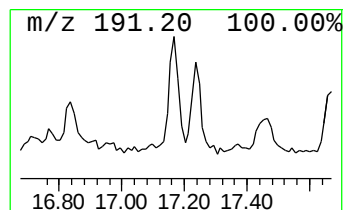
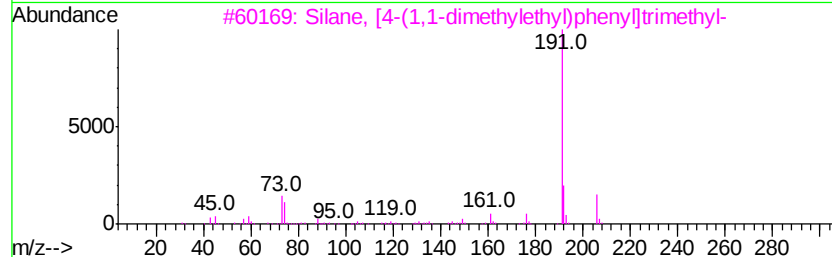
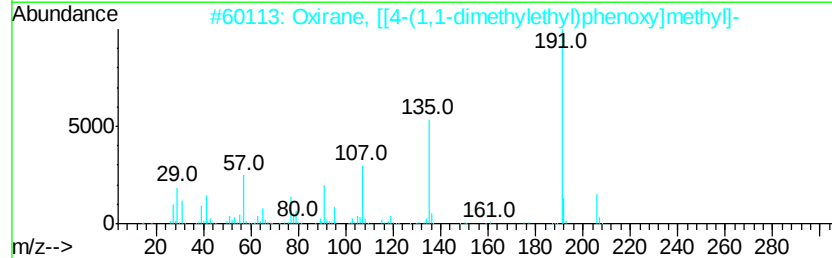
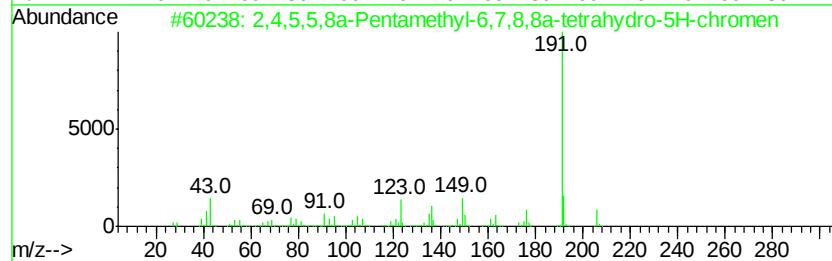
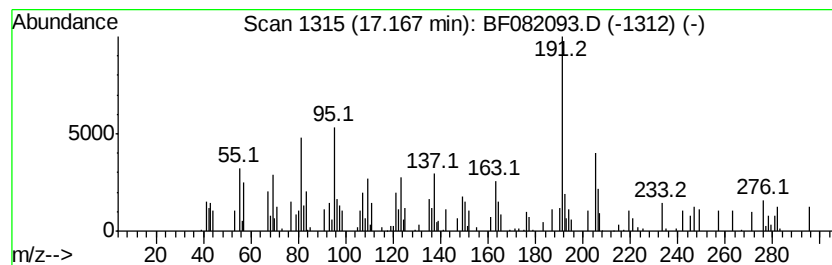
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown17.17 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	2.75 ng	71456	Perylene-d12	15.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	43		
2	Oxirane, [[4-(1,1-dimethylethyl)...	206	C13H18O2	003101-60-8	38		
3	Silane, [[4-(1,1-dimethylethyl)ph...	206	C13H22Si	018412-68-5	38		
4	Protriptyline	263	C19H21N	000438-60-8	38		
5	Anthracene, 9-ethyl-	206	C16H14	000605-83-4	38		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100615\
Data File : BF082093.D
Acq On : 6 Oct 2015 19:42
Operator : UM/IZ
Sample : G3906-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IM-MLA-DGA-01

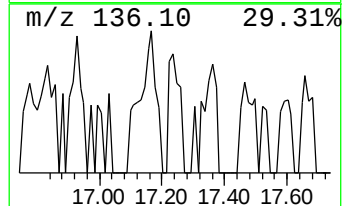
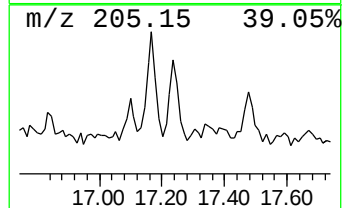
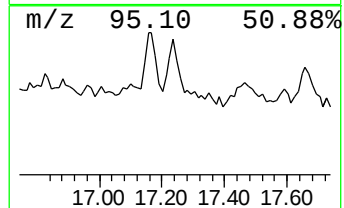
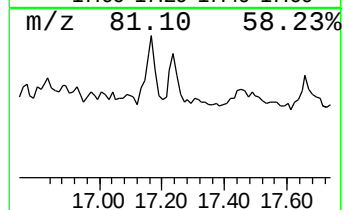
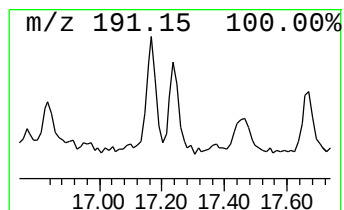
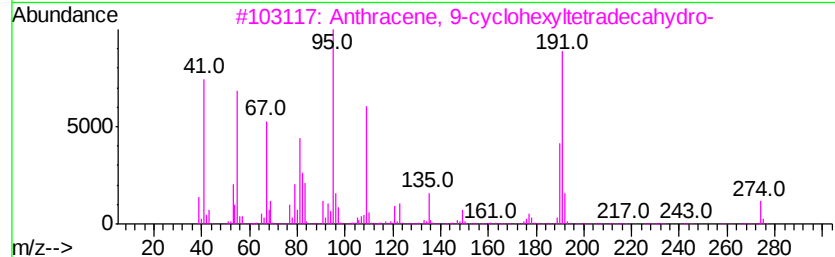
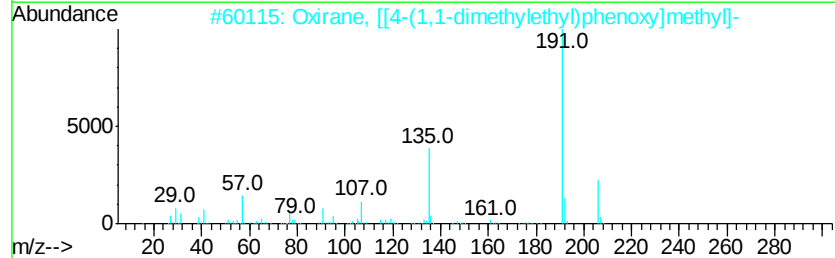
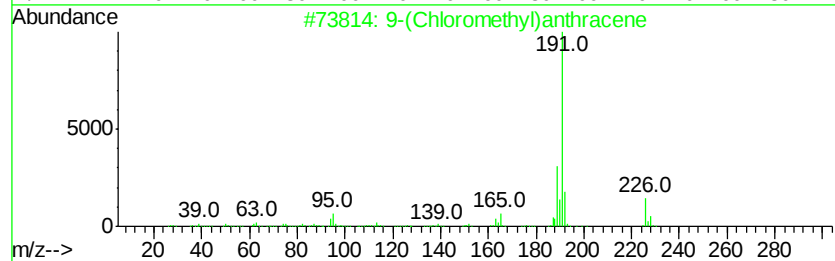
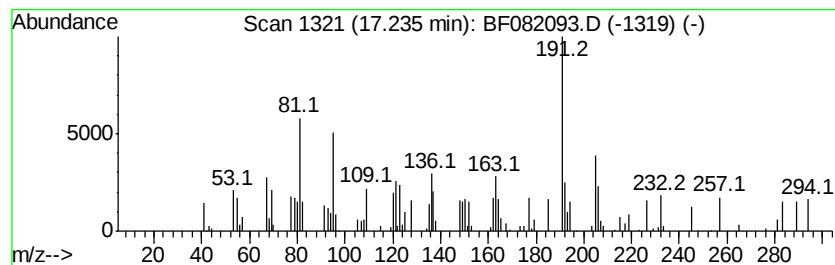
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown17.24 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.24	2.17 ng	56407	Perylene-d12	15.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-(Chloromethyl)anthracene	226	C15H11Cl	024463-19-2	37
2		Oxirane, [[4-(1,1-dimethylethyl)...	206	C13H18O2	003101-60-8	35
3		Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	32
4		Anthracene, 9-butyltetradecahydro-	248	C18H32	055133-89-6	32
5		Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100615\
Data File : BF082093.D
Acq On : 6 Oct 2015 19:42
Operator : UM/IZ
Sample : G3906-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IM-MLA-DGA-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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...	5.07	53.4	ng	1288890	1	6.88	482401	20.0
unknown6.65	6.65	106.6	ng	2570890	1	6.88	482401	20.0
Hexadecane	10.82	2.8	ng	106802	4	11.42	754684	20.0
Trichloroacetic a...	13.90	5.2	ng	166391	5	14.06	636231	20.0
unknown15.64	15.64	2.8	ng	71809	6	15.51	519387	20.0
.beta.-iso-Methyl...	16.18	6.5	ng	168364	6	15.51	519387	20.0
1-Penten-3-one, 1...	16.61	5.9	ng	153352	6	15.51	519387	20.0
unknown17.17	17.17	2.8	ng	71456	6	15.51	519387	20.0
unknown17.24	17.24	2.2	ng	56407	6	15.51	519387	20.0