

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
 Data File : BF081375.D
 Acq On : 3 Sep 2015 4:59
 Operator : UM/IZ
 Sample : G3491-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-004-ABCD

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-BF090115.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	3.599	174	176	182	rBV	21364	40849	1.56%	0.180%
2	4.399	244	246	248	rBV	32258	51263	1.96%	0.226%
3	4.467	248	252	262	rVB	754575	1761077	67.19%	7.751%
4	4.959	292	295	297	rBV	2074072	2620906	100.00%	11.535%
5	5.370	329	331	335	rBV	31075	31094	1.19%	0.137%
6	6.067	389	392	394	rBV	2090950	2363979	90.20%	10.404%
7	6.159	397	400	403	rVV	2241829	2216389	84.57%	9.755%
8	6.387	418	420	422	rBV	497784	418142	15.95%	1.840%
9	6.547	431	434	436	rBV	1919550	1942676	74.12%	8.550%
10	6.970	468	471	473	rBV	1582076	1736690	66.26%	7.643%
11	7.679	530	533	535	rBV	555707	519864	19.84%	2.288%
12	8.765	625	628	630	rBV	2485438	2526297	96.39%	11.119%
13	9.165	661	663	665	rBV	317836	287475	10.97%	1.265%
14	9.416	683	685	687	rBV	625288	518195	19.77%	2.281%
15	10.205	751	754	756	rBV	1352114	1464947	55.89%	6.447%
16	10.354	765	767	770	rBV	28794	45661	1.74%	0.201%
17	10.788	803	805	807	rBV	24930	33579	1.28%	0.148%
18	10.879	811	813	814	rVV	567309	473048	18.05%	2.082%
19	10.959	817	820	825	rVB3	24010	42783	1.63%	0.188%
20	11.154	833	837	841	rBV2	25069	45205	1.72%	0.199%
21	11.462	862	864	869	rBV3	103549	190879	7.28%	0.840%
22	12.079	916	918	920	rBV	136745	137701	5.25%	0.606%
23	12.297	934	937	938	rBV	137956	131122	5.00%	0.577%
24	12.468	949	952	954	rBV	1684002	1549928	59.14%	6.821%
25	12.628	962	966	969	rBV	19517	28608	1.09%	0.126%
26	13.394	1030	1033	1038	rBV	134117	221889	8.47%	0.977%
27	13.485	1038	1041	1046	rVV2	326096	441645	16.85%	1.944%
28	14.022	1086	1088	1090	rVB	20105	33490	1.28%	0.147%
29	14.308	1109	1113	1115	rBV5	19205	58330	2.23%	0.257%
30	14.365	1116	1118	1122	rVB	82685	90849	3.47%	0.400%
31	14.468	1125	1127	1131	rBV	52859	116620	4.45%	0.513%
32	14.708	1146	1148	1150	rBV	45324	59415	2.27%	0.261%
33	14.754	1150	1152	1154	rVV	44461	50828	1.94%	0.224%
34	14.800	1154	1156	1161	rVB	228010	277427	10.59%	1.221%

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Stop Thrs : 0 Peak Location: TOP

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35	15.200	1189	1191	1193	rBV2	26621	52893	2.02%	0.233%
36	15.588	1223	1225	1228	rVV	21765	38937	1.49%	0.171%
37	15.646	1228	1230	1238	rVB7	29007	73478	2.80%	0.323%
38	16.068	1265	1267	1269	rVB2	16155	27332	1.04%	0.120%

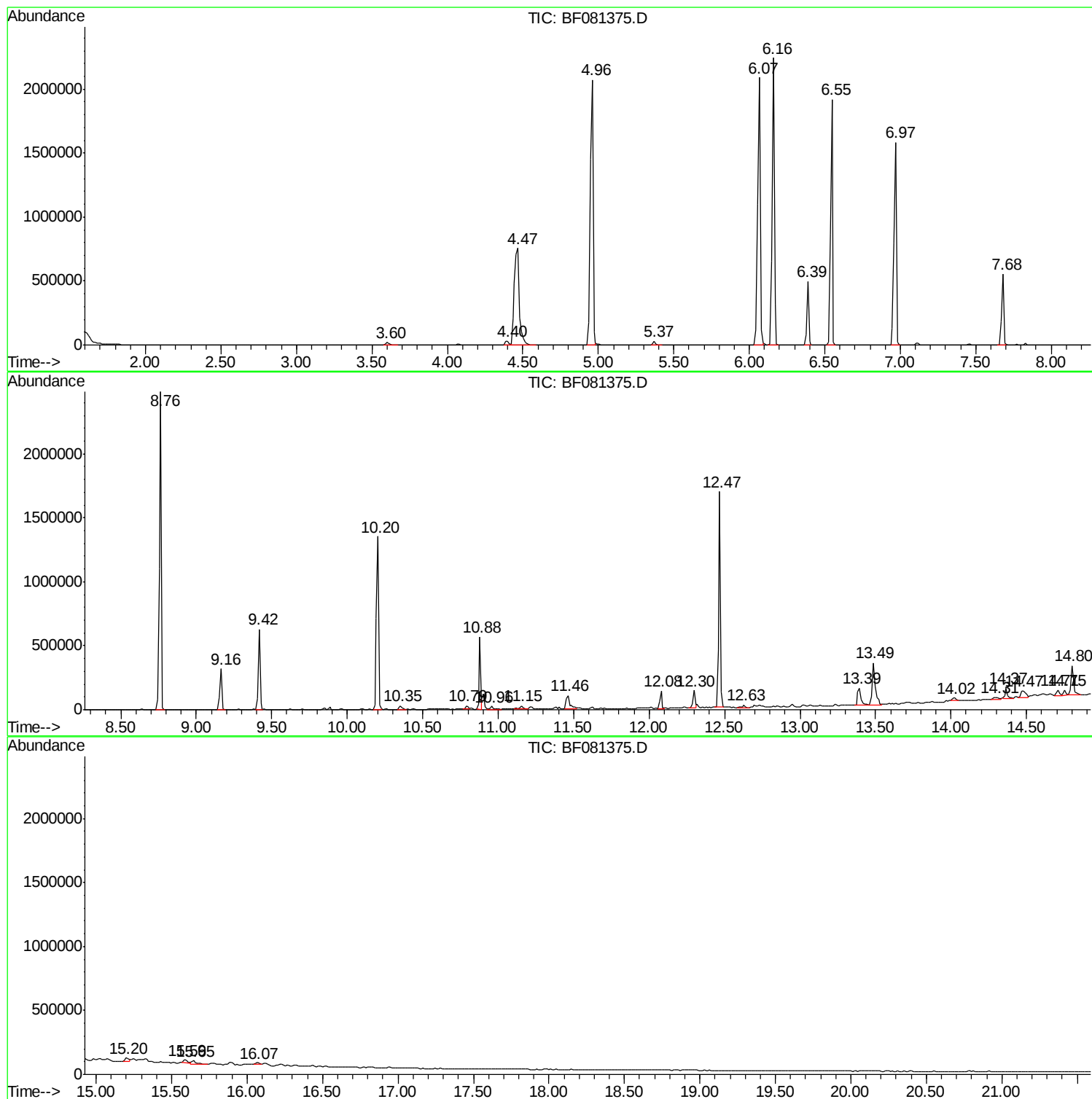
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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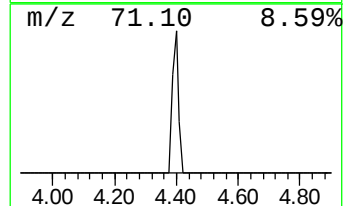
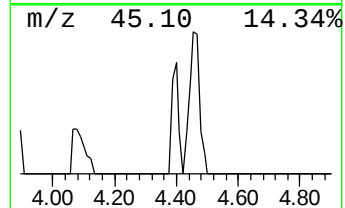
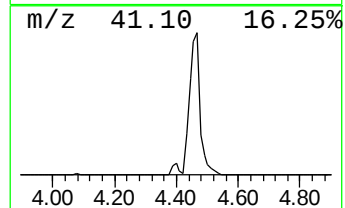
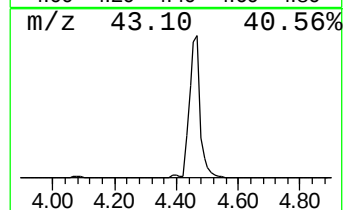
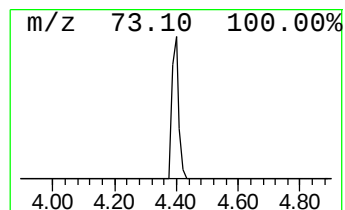
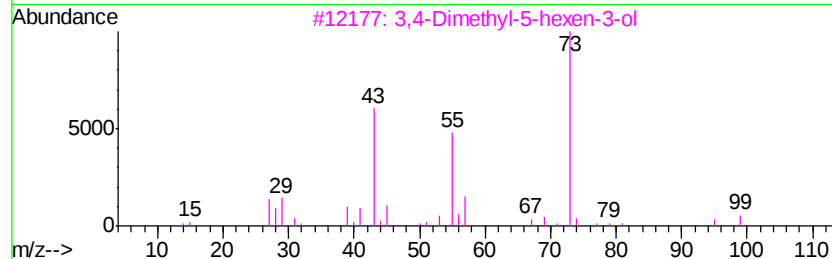
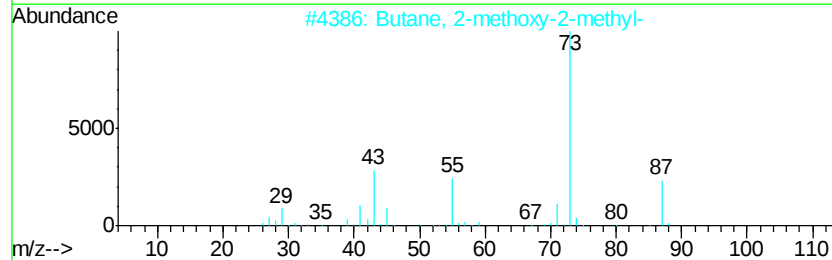
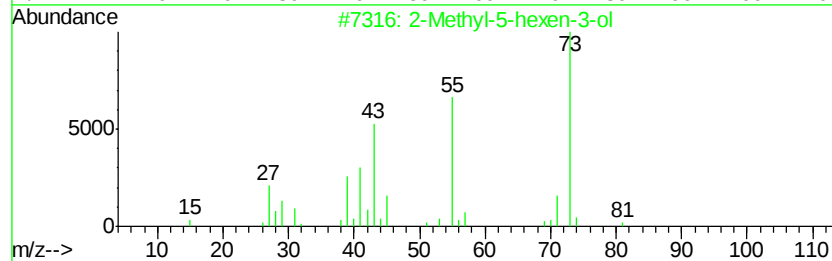
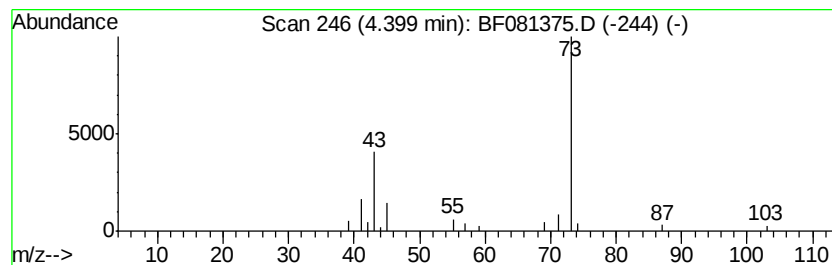
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown4.40 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	2.45 ng	51263	1,4-Dichlorobenzene-d4	6.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	28
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
3		3,4-Dimethyl-5-hexen-3-ol	128	C8H16O	001569-45-5	9
4		Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	9
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



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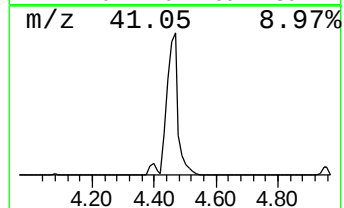
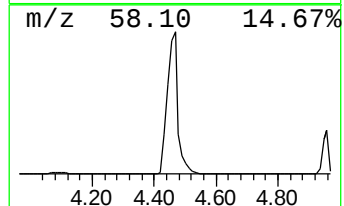
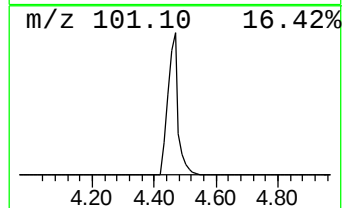
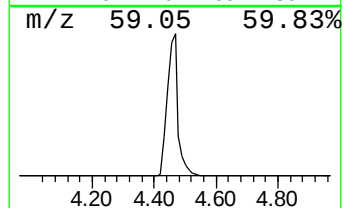
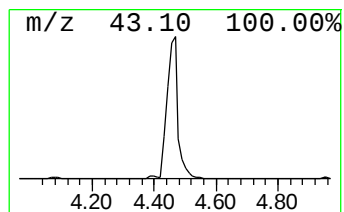
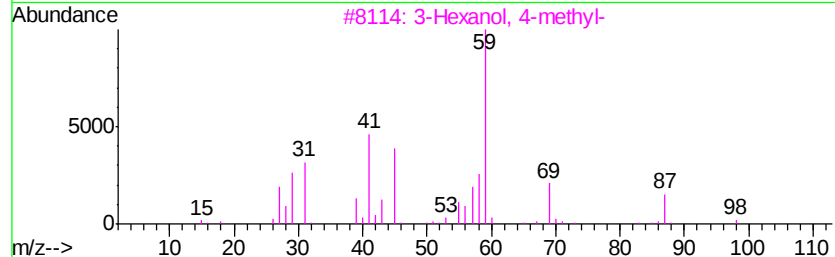
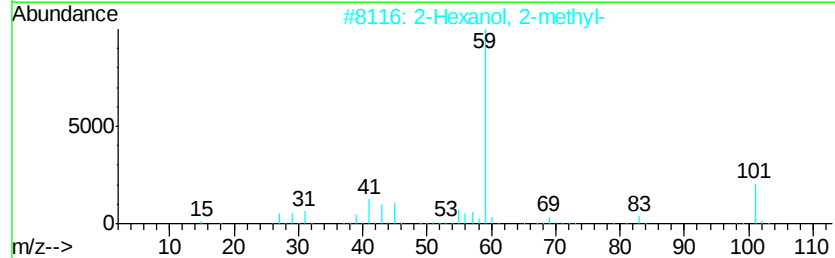
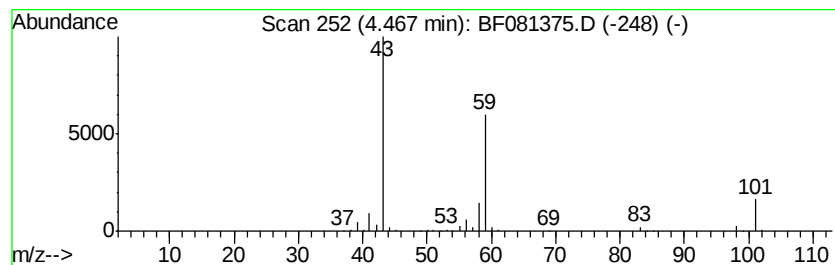
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.47	84.23 ng	1761080	1,4-Dichlorobenzene-d4	6.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17



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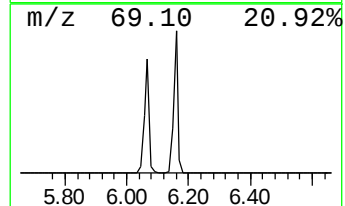
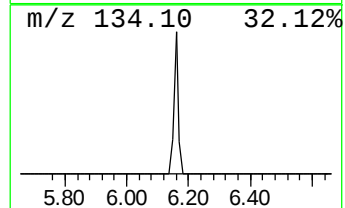
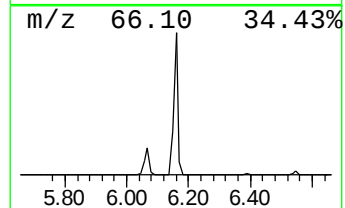
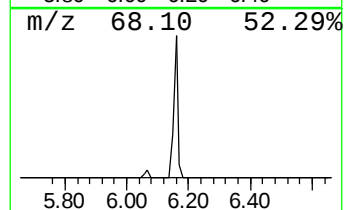
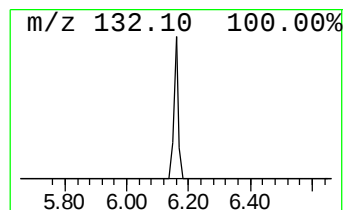
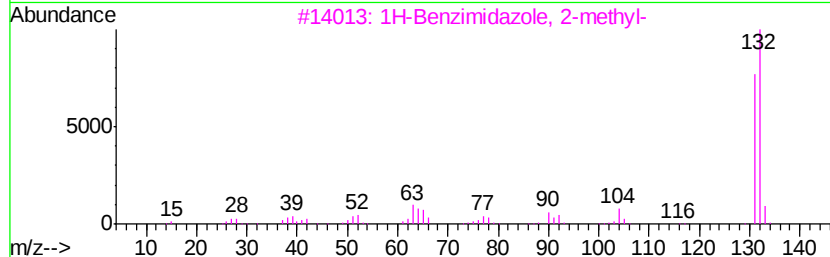
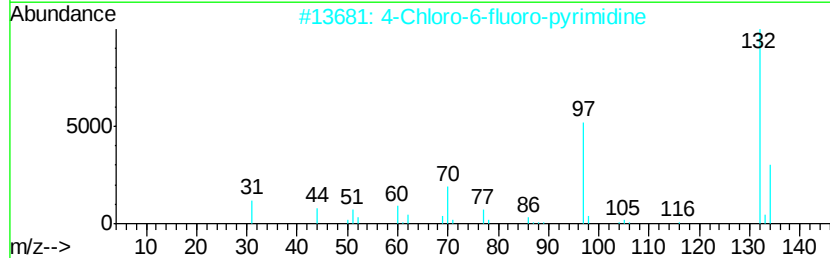
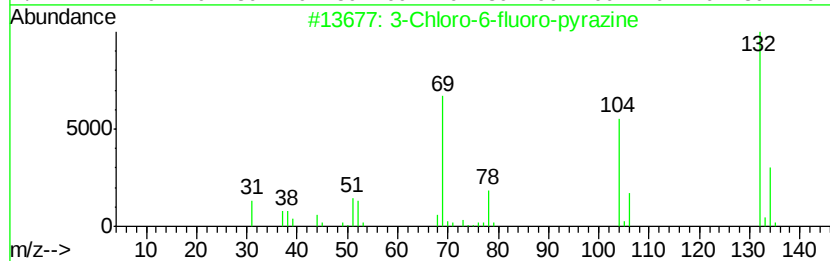
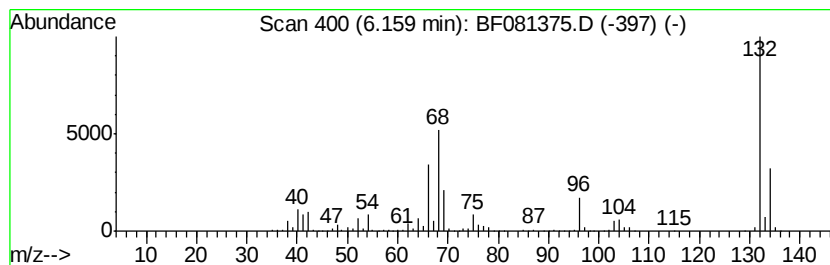
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.16 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	106.01 ng	2216390	1,4-Dichlorobenzene-d4	6.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	25
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
5		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10



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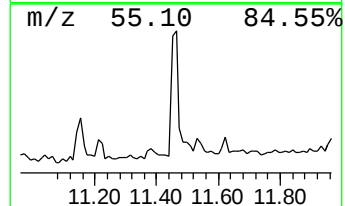
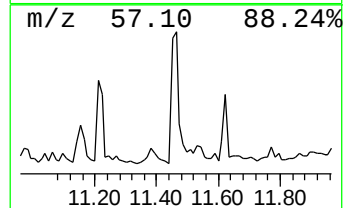
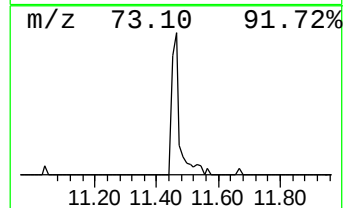
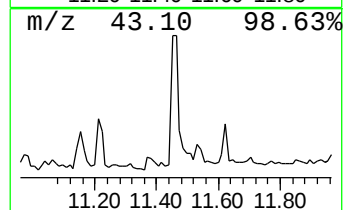
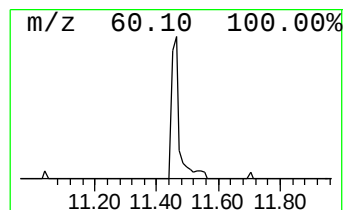
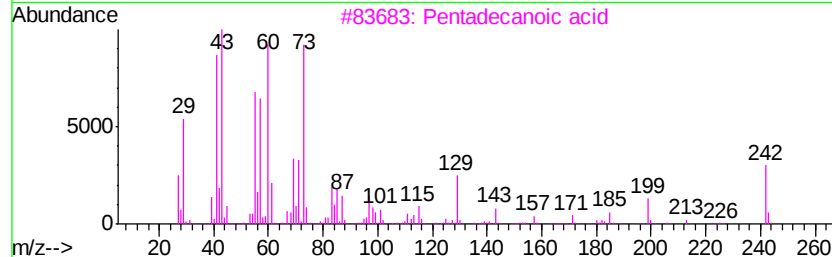
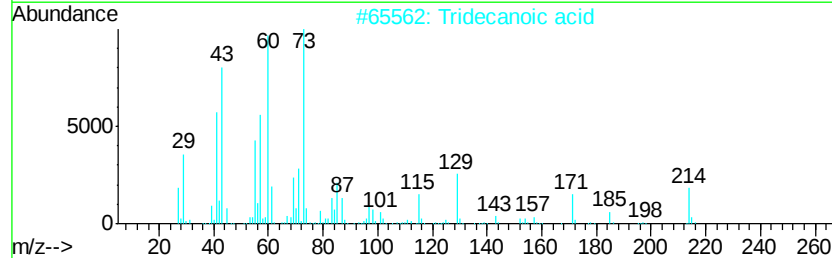
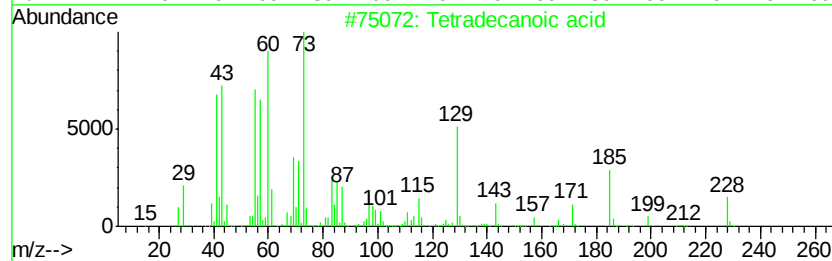
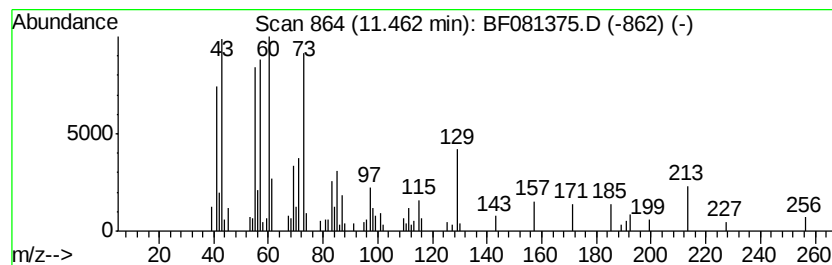
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tetradecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	8.07 ng	190879	Phenanthrene-d10	10.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
2		Tridecanoic acid	214	C13H26O2	000638-53-9	53
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	53
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53
5		Dodecanoic acid	200	C12H24O2	000143-07-7	50



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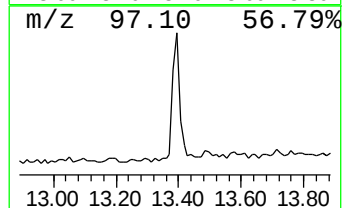
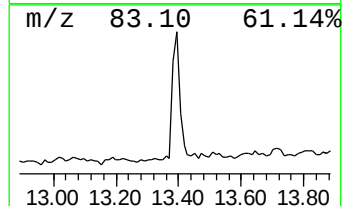
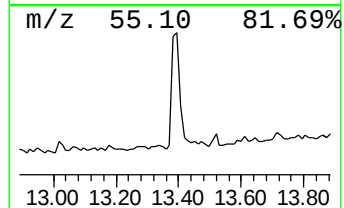
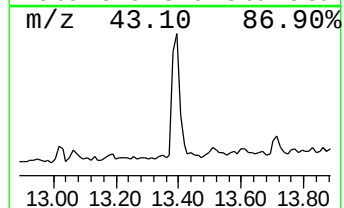
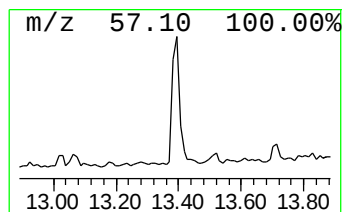
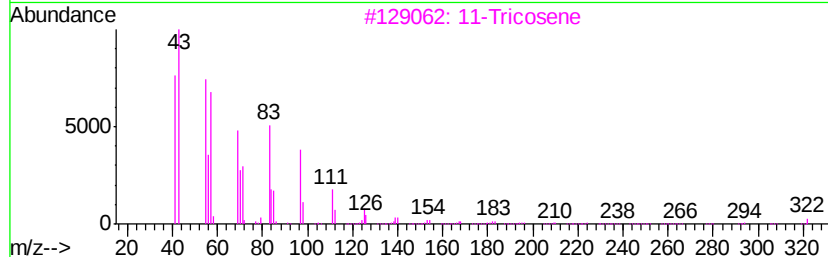
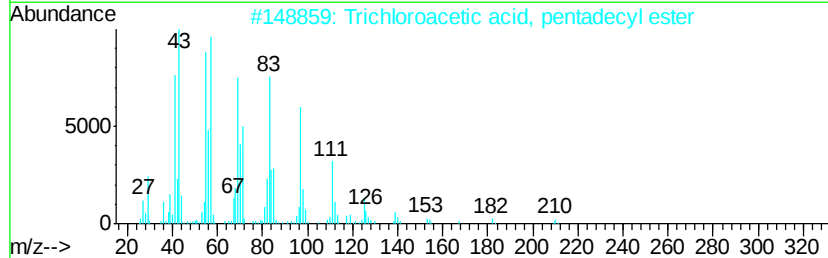
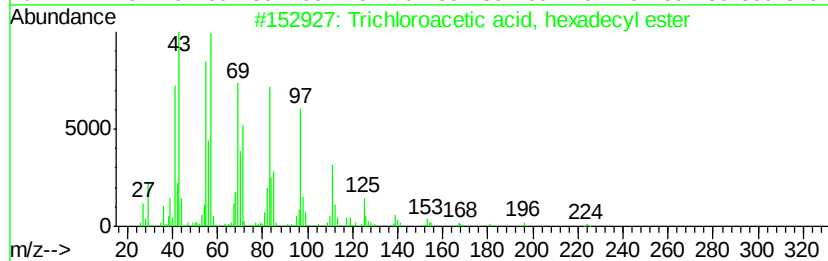
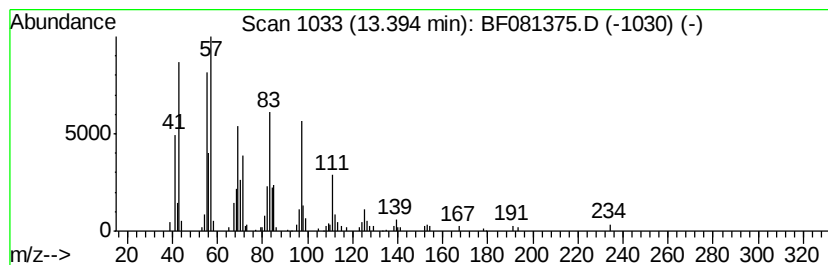
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 Trichloroacetic acid, hexad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	10.05 ng	221889	Chrysene-d12	13.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	95
3		11-Tricosene	322	C23H46	052078-56-5	91
4		1-Octadecene	252	C18H36	000112-88-9	91
5		1-Docosene	308	C22H44	001599-67-3	90



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ClientSampleId :
FK-EF-01-004-ABCD

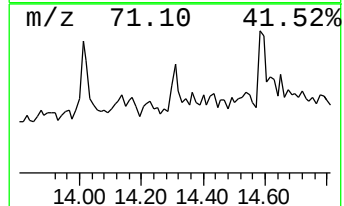
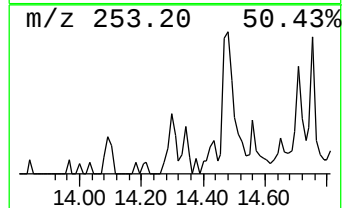
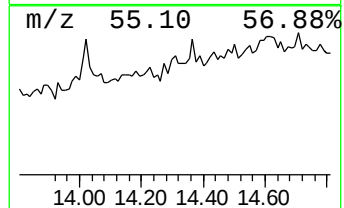
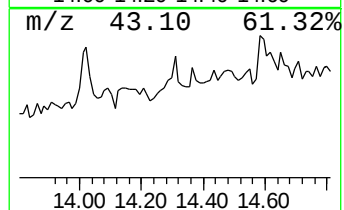
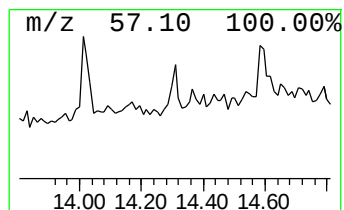
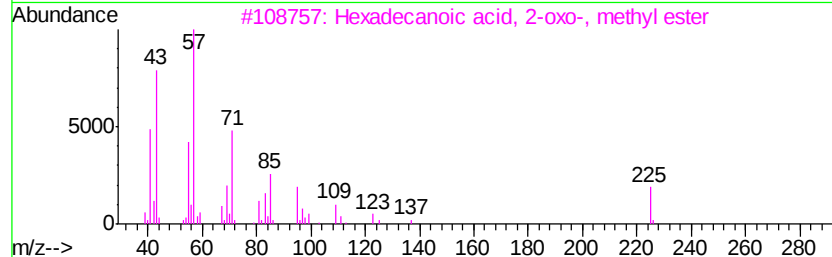
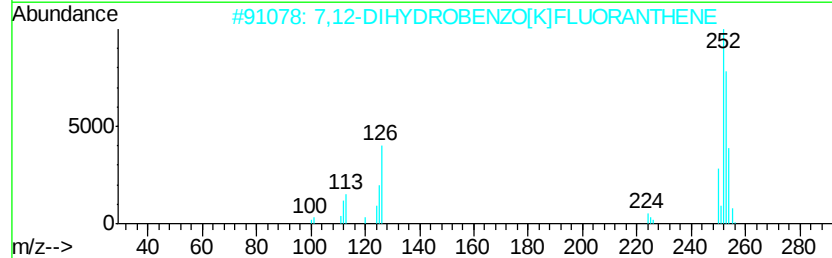
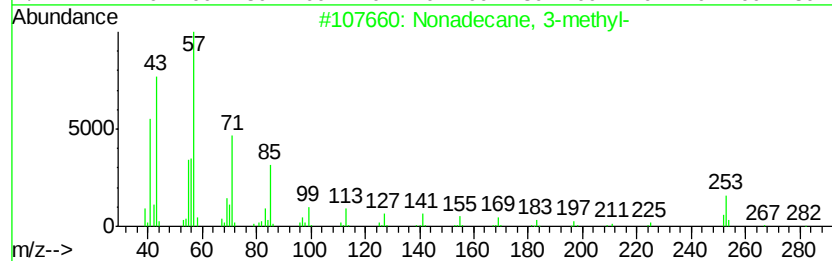
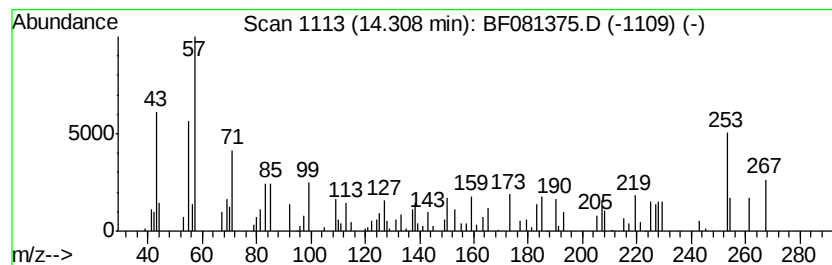
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown14.31 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	4.21 ng	58330	Perylene-d12	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 3-methyl-	282	C20H42	006418-45-7	38
2		7,12-DIHYDROBENZO[K]FLUORANTHENE	254	C20H14	1000080-17-7	35
3		Hexadecanoic acid, 2-oxo-, methyl...	284	C17H32O3	055836-30-1	25
4		Tetratetracontane	619	C44H90	007098-22-8	22
5		Octacosane	394	C28H58	000630-02-4	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081375.D
Acq On : 3 Sep 2015 4:59
Operator : UM/IZ
Sample : G3491-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-004-ABCD

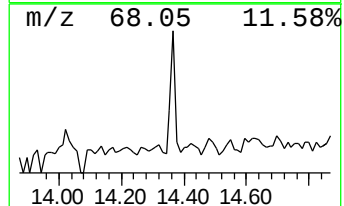
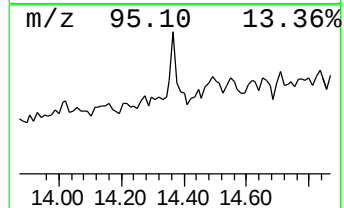
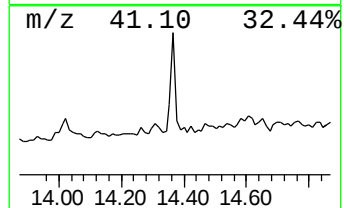
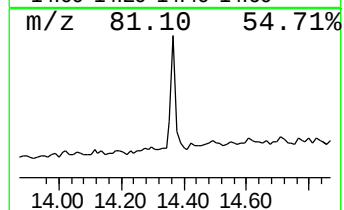
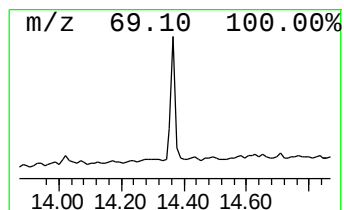
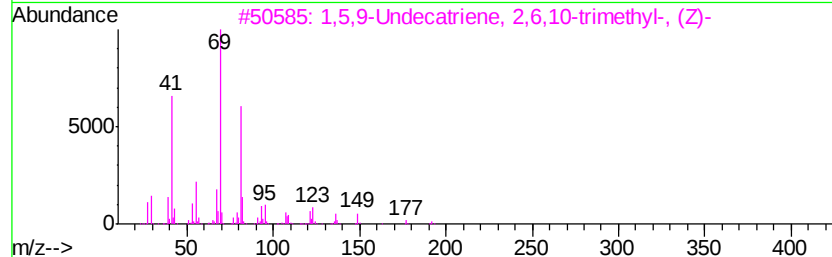
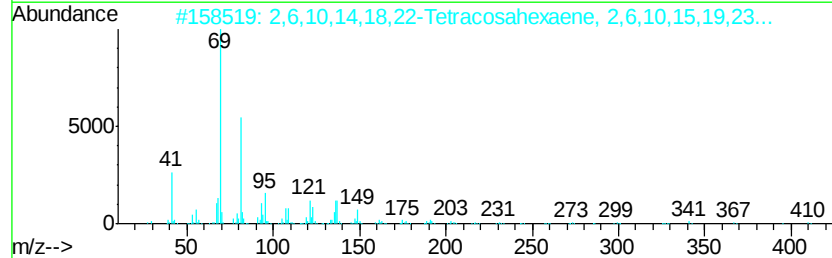
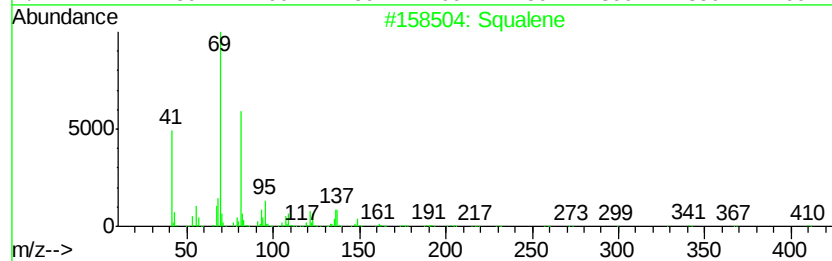
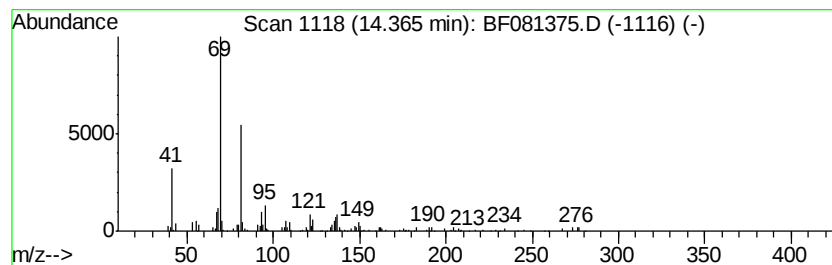
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	6.55 ng	90849	Perylene-d12	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	87
2		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	87
3		1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	80
4		Hexadeca-2,6,10,14-tetraen-1-ol,...	290	C20H34O	007614-21-3	80
5		.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081375.D
Acq On : 3 Sep 2015 4:59
Operator : UM/IZ
Sample : G3491-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

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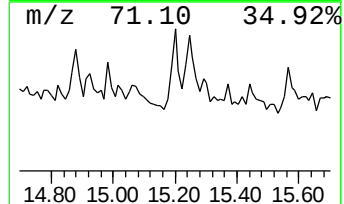
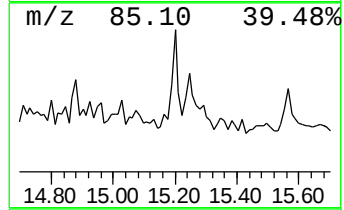
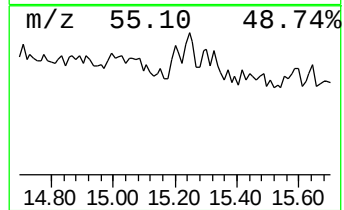
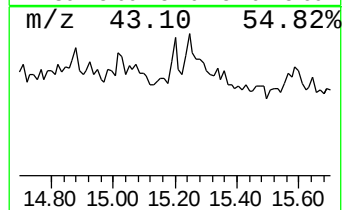
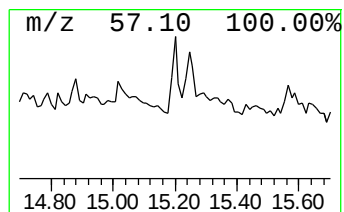
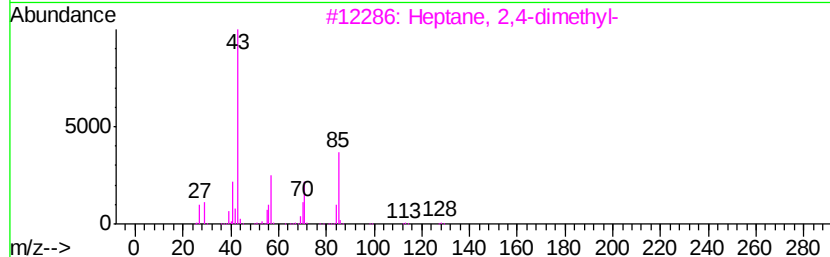
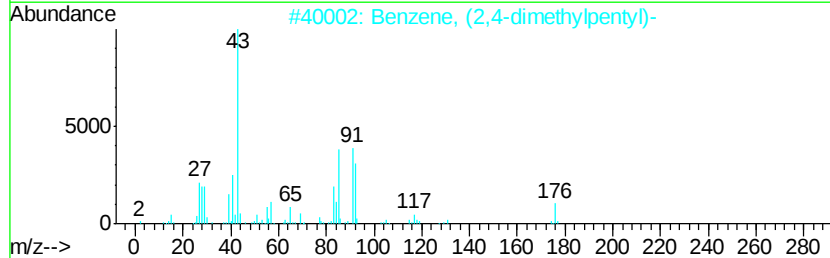
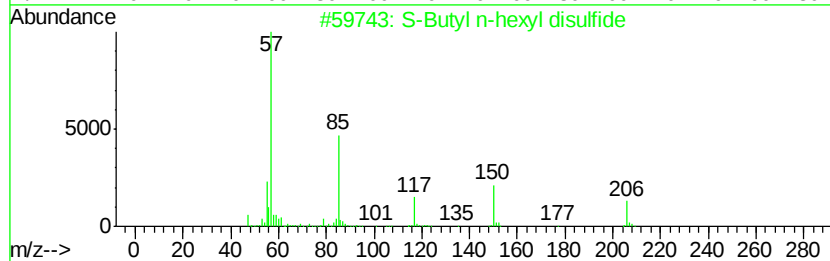
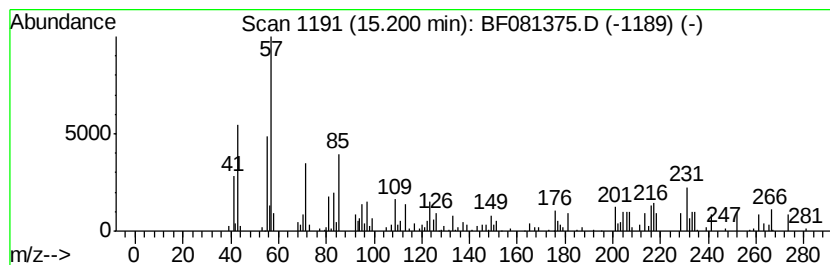
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown15.20 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	3.81 ng	52893	Perylene-d12	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	S-Butyl n-hexyl disulfide	206	C10H22S2	169611-28-3	22
2		Benzene, (2,4-dimethylpentyl)-	176	C13H20	054518-00-2	14
3		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	14
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	14
5		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081375.D
Acq On : 3 Sep 2015 4:59
Operator : UM/IZ
Sample : G3491-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-004-ABCD

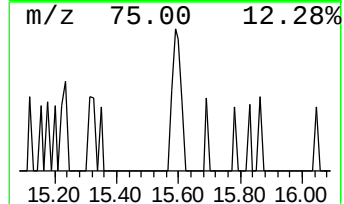
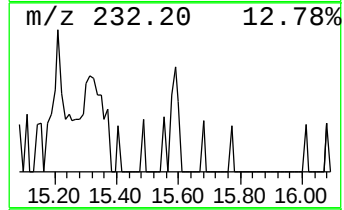
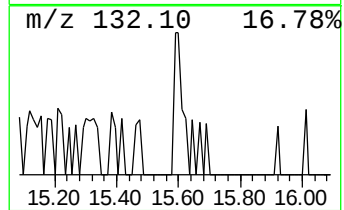
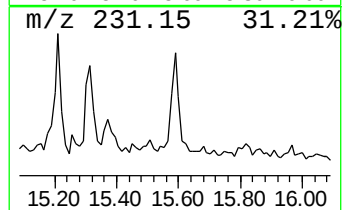
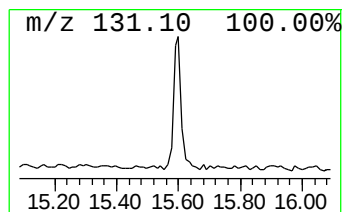
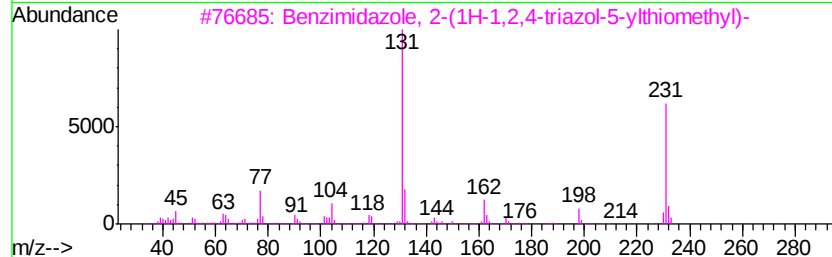
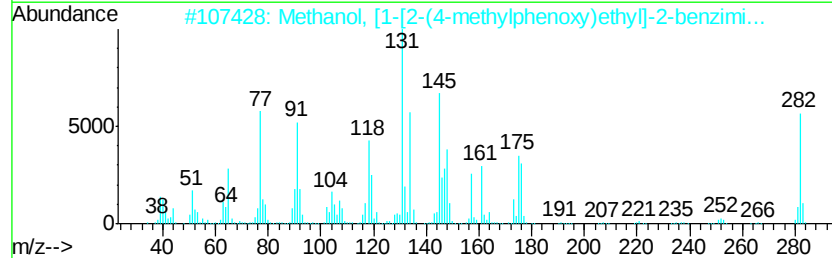
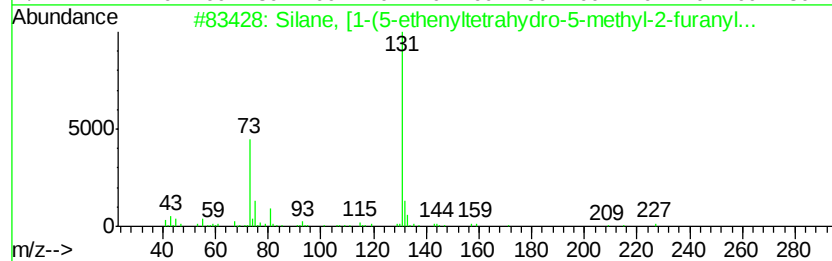
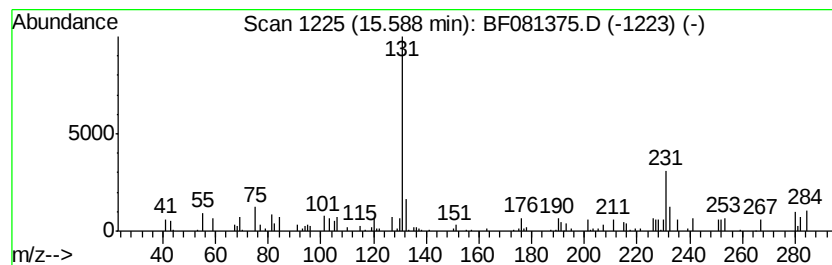
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown15.59 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	2.81 ng	38937	Perylene-d12	14.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Silane, [1-(5-ethenyltetrahydro-...	242	C13H26O2Si	057397-14-5	38
2			Methanol, [1-[2-(4-methylphenoxy...	282	C17H18N2O2	313067-45-7	38
3			Benzimidazole, 2-(1H-1,2,4-triaz...	231	C10H9N5S	332904-20-8	36
4			Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	32
5			2-Methyl-1,3-bis(trimethylsiloxy...	262	C12H30O2Si2	122424-36-6	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081375.D
Acq On : 3 Sep 2015 4:59
Operator : UM/IZ
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Misc :
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Instrument :
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ClientSampleId :
FK-EF-01-004-ABCD

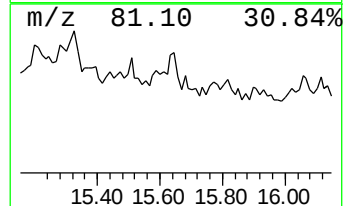
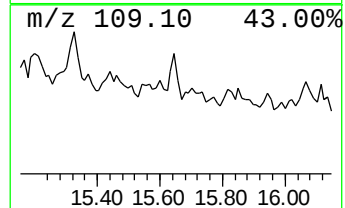
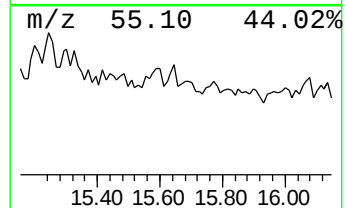
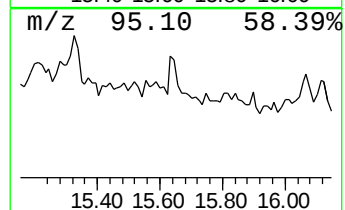
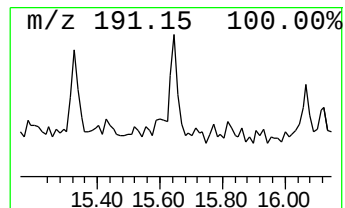
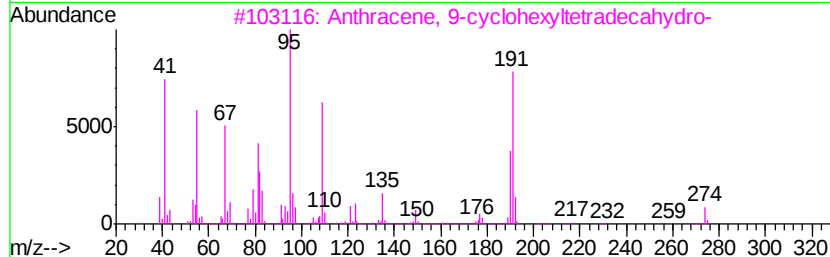
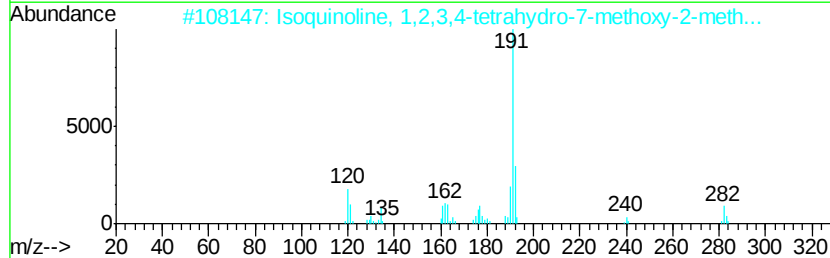
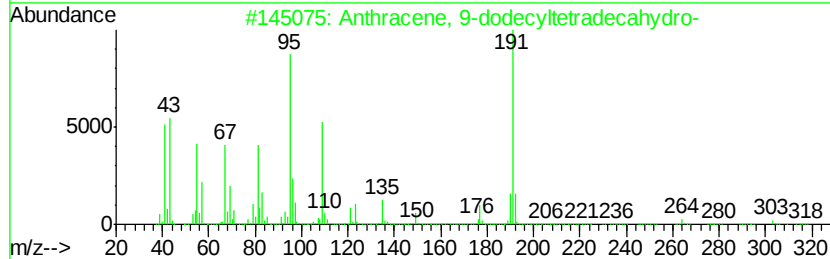
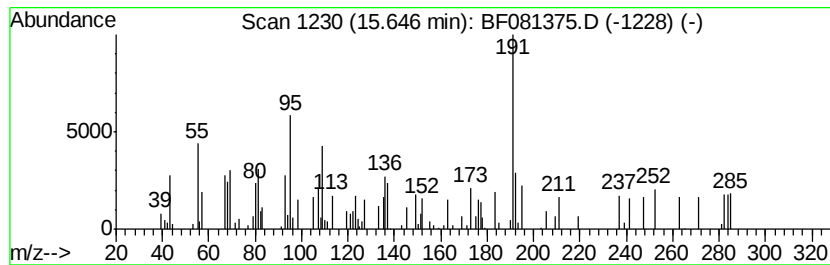
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown15.65 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	5.30 ng	73478	Perylene-d12	14.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-dodecyltetradeca...	360	C26H48	055401-75-7	40
2			Isoquinoline, 1,2,3,4-tetrahydro...	283	C18H21N02	036646-87-4	40
3			Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	32
4			Anthracene, 9-butyltetradeca...	248	C18H32	055133-89-6	32
5			(7a-Isopropenyl-4,5-dimethylocta...	222	C15H26O	1000187-02-9	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081375.D
Acq On : 3 Sep 2015 4:59
Operator : UM/IZ
Sample : G3491-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-004-ABCD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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
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2-Pentanone, 4-hy...	4.47	84.2	ng	1761080	1	6.39	418142	20.0
unknown6.16	6.16	106.0	ng	2216390	1	6.39	418142	20.0
Tetradecanoic acid	11.46	8.1	ng	190879	4	10.88	473048	20.0
Trichloroacetic a...	13.39	10.1	ng	221889	5	13.49	441645	20.0
unknown14.31	14.31	4.2	ng	58330	6	14.80	277427	20.0
Squalene	14.37	6.5	ng	90849	6	14.80	277427	20.0
unknown15.20	15.20	3.8	ng	52893	6	14.80	277427	20.0
unknown15.59	15.59	2.8	ng	38937	6	14.80	277427	20.0
unknown15.65	15.65	5.3	ng	73478	6	14.80	277427	20.0