

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
 Data File : BF086390.D
 Acq On : 23 Apr 2016 15:04
 Operator : UM/SJ
 Sample : H2640-11
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B12(0-5)-C

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-BF042216.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	3.779	144	148	151	rBV	176901	289871	5.54%	0.629%
2	5.024	255	257	265	rBV	665064	965723	18.47%	2.096%
3	5.447	290	294	296	rBV	3671678	5041672	96.42%	10.943%
4	5.847	326	329	332	rBV	79779	79891	1.53%	0.173%
5	6.476	381	384	387	rBV	3473269	4499481	86.05%	9.767%
6	6.613	393	396	398	rBV	4644084	5229060	100.00%	11.350%
7	6.842	414	416	418	rBV	1195681	1105283	21.14%	2.399%
8	7.002	427	430	432	rBV	3647706	4125490	78.90%	8.955%
9	7.402	462	465	468	rBV	2098613	3149895	60.24%	6.837%
10	7.505	471	474	481	rVB	86365	221228	4.23%	0.480%
11	8.122	526	528	537	rBV	1385418	1529016	29.24%	3.319%
12	9.208	620	623	625	rBV	3848578	5162304	98.72%	11.205%
13	9.596	655	657	659	rBV	707630	661974	12.66%	1.437%
14	9.813	675	676	678	rVB	99883	75586	1.45%	0.164%
15	9.871	679	681	684	rBV	1106741	1429618	27.34%	3.103%
16	10.282	715	717	719	rBV	164759	240289	4.60%	0.522%
17	10.316	719	720	721	rVB	122092	84763	1.62%	0.184%
18	10.534	736	739	740	rBV2	67842	83679	1.60%	0.182%
19	10.659	748	750	753	rBV	2122077	2476425	47.36%	5.375%
20	10.785	759	761	765	rVB	208611	269134	5.15%	0.584%
21	11.231	798	800	801	rBV	123475	108183	2.07%	0.235%
22	11.265	801	803	806	rVB2	67069	87821	1.68%	0.191%
23	11.356	809	811	815	rBV2	1149650	1413619	27.03%	3.068%
24	11.654	836	837	839	rBV	56330	59642	1.14%	0.129%
25	11.882	853	857	859	rBV4	47589	124333	2.38%	0.270%
26	11.962	862	864	869	rVB2	51901	116059	2.22%	0.252%
27	12.157	878	881	882	rBV2	31239	69737	1.33%	0.151%
28	12.282	890	892	895	rBV2	34583	59199	1.13%	0.128%
29	12.408	901	903	905	rBV	51664	78353	1.50%	0.170%
30	12.454	905	907	909	rVB2	59569	86446	1.65%	0.188%
31	12.579	916	918	920	rBV	260728	272985	5.22%	0.593%
32	12.797	934	937	938	rBV	218843	279921	5.35%	0.608%
33	12.945	947	950	955	rBV	3227242	3480276	66.56%	7.554%
34	13.174	968	970	973	rBV2	113935	194093	3.71%	0.421%

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086390.D
Acq On : 23 Apr 2016 15:04
Operator : UM/SJ
Sample : H2640-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WPG-B12(0-5)-C

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-BF042216.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.517	998	1000	1003	rBV2	157379	264244	5.05%	0.574%
36	13.848	1027	1029	1033	rBV	345437	439704	8.41%	0.954%
37	13.985	1039	1041	1048	rBV2	708459	1389921	26.58%	3.017%
38	14.168	1055	1057	1059	rBV	186440	232996	4.46%	0.506%
39	15.414	1164	1166	1168	rBV	423299	592519	11.33%	1.286%

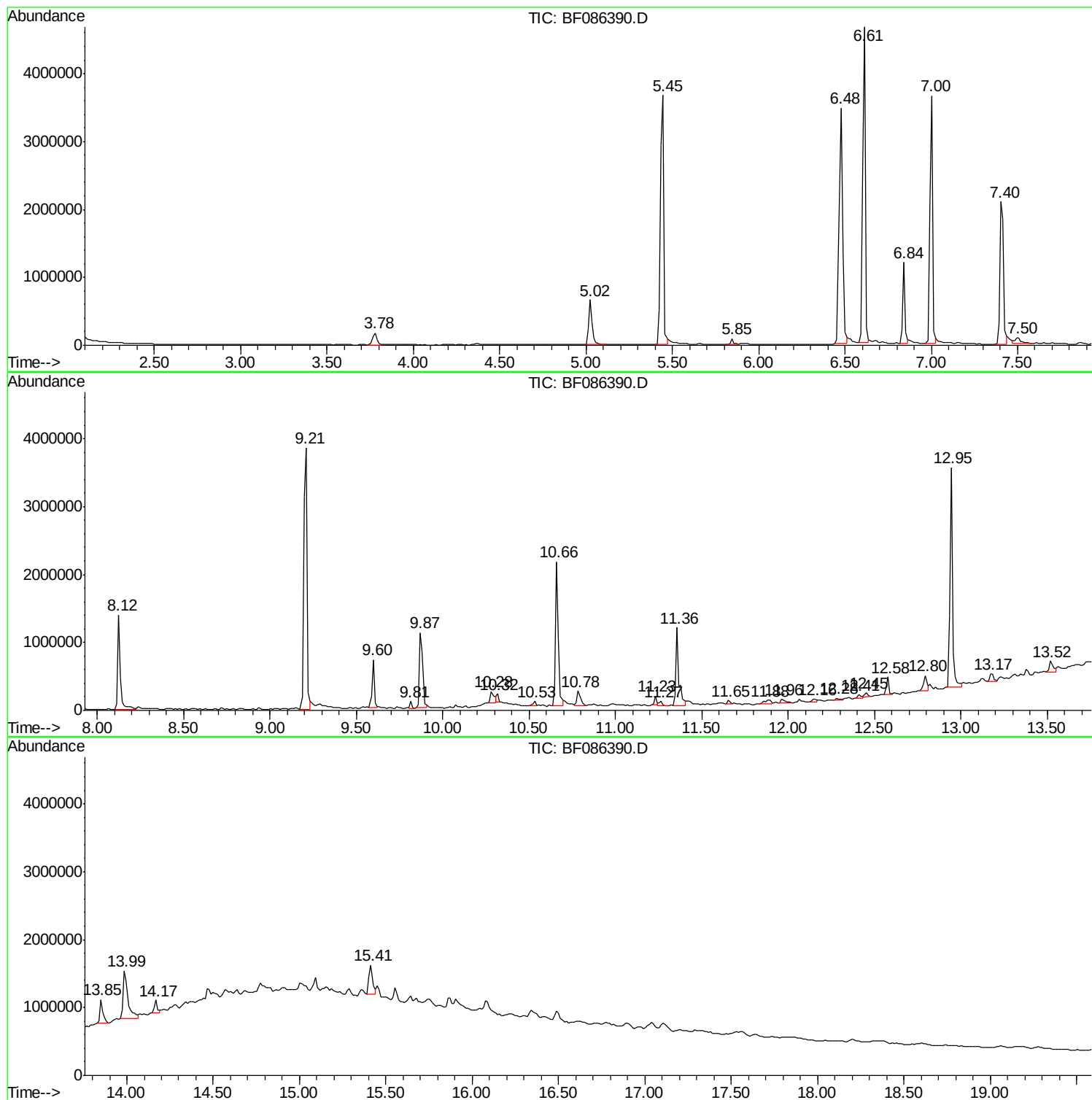
Sum of corrected areas: 46070433

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086390.D
Acq On : 23 Apr 2016 15:04
Operator : UM/SJ
Sample : H2640-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WPG-B12(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086390.D
Acq On : 23 Apr 2016 15:04
Operator : UM/SJ
Sample : H2640-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WPG-B12(0-5)-C

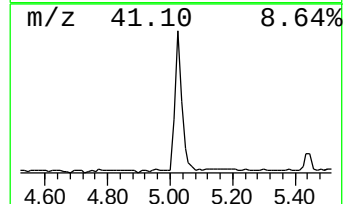
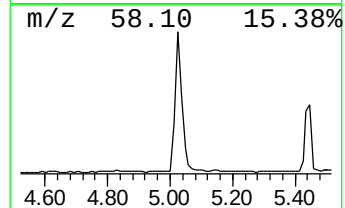
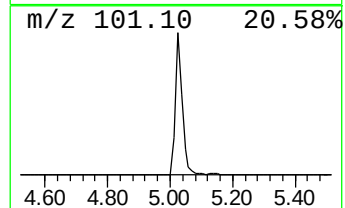
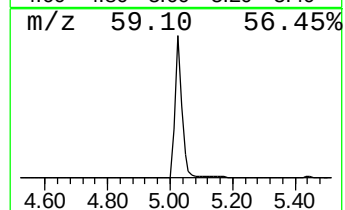
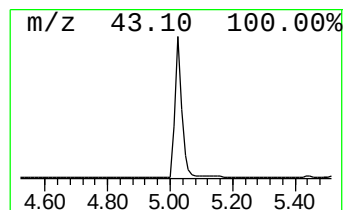
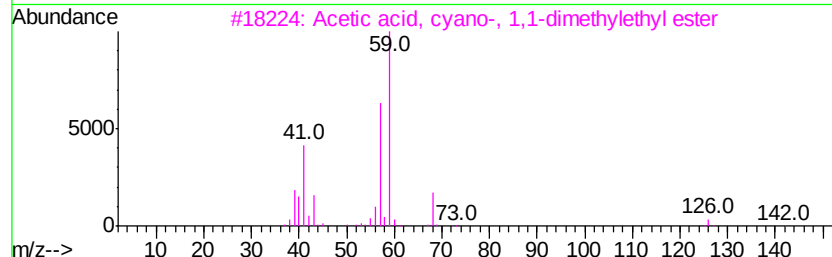
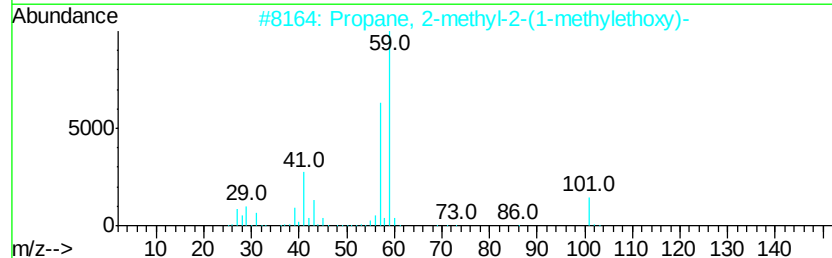
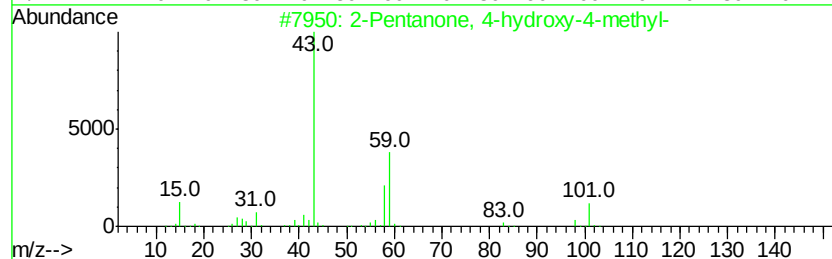
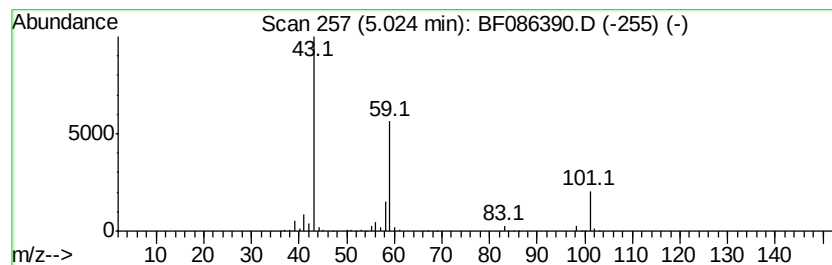
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.02	17.47 ng	965723	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	23
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086390.D
Acq On : 23 Apr 2016 15:04
Operator : UM/SJ
Sample : H2640-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WPG-B12(0-5)-C

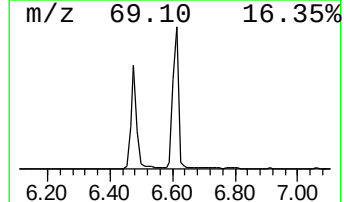
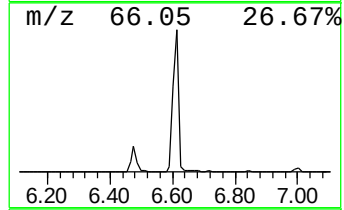
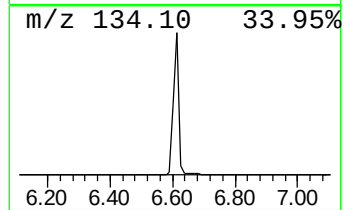
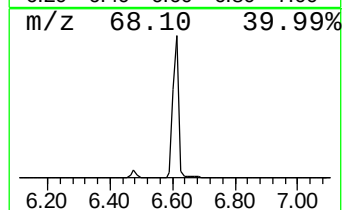
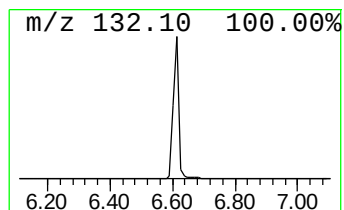
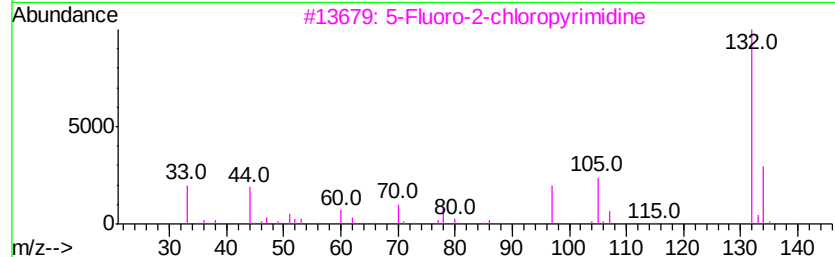
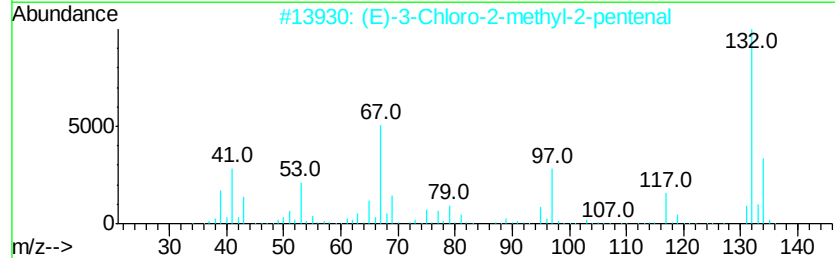
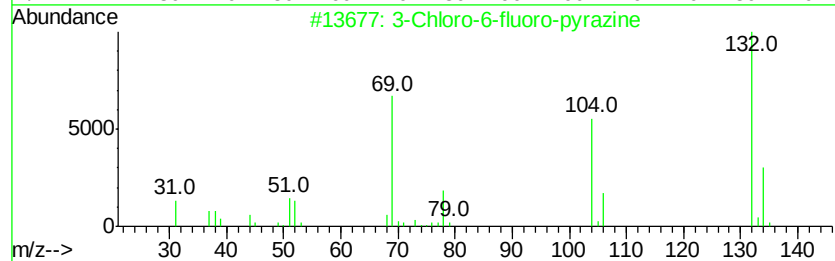
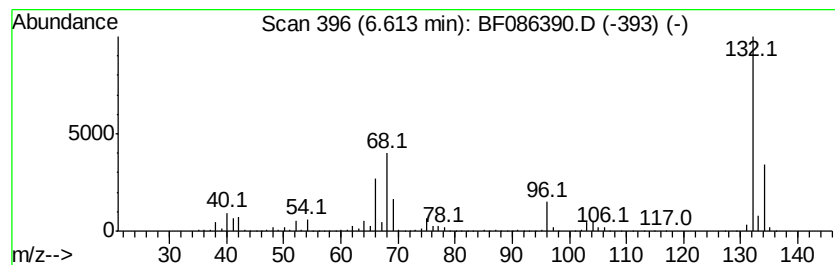
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	94.62 ng	5229060	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4		Tranvlcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086390.D
Acq On : 23 Apr 2016 15:04
Operator : UM/SJ
Sample : H2640-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WPG-B12(0-5)-C

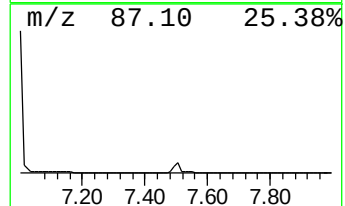
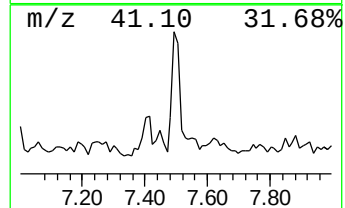
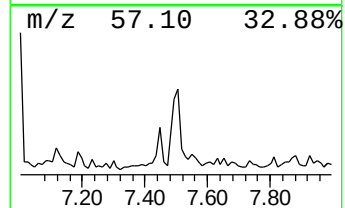
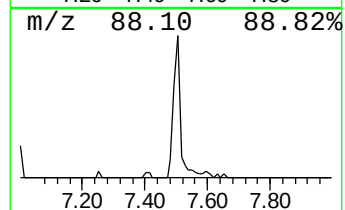
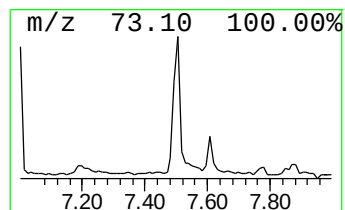
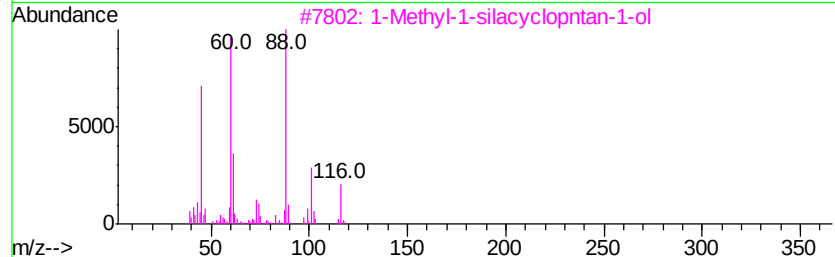
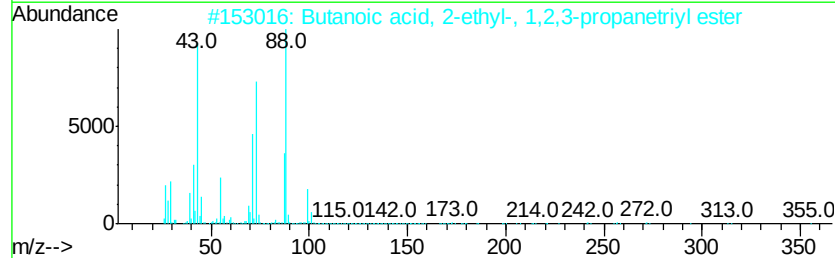
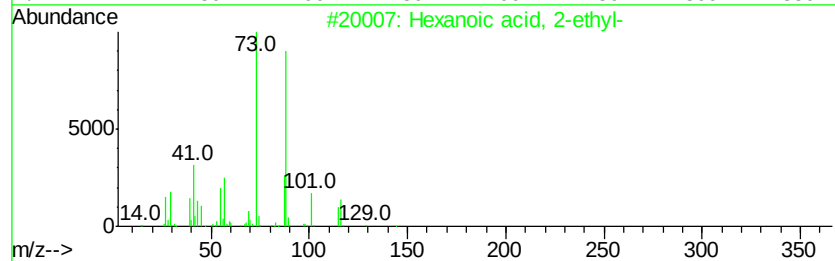
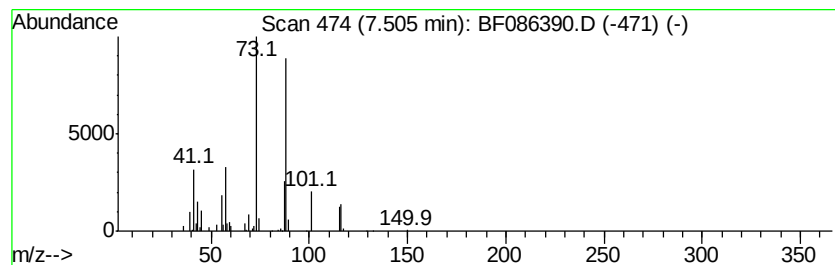
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexanoic acid, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	2.89 ng	221228	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2		Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	50
3		1-Methyl-1-silacyclopentan-1-ol	116	C5H12OSi	1000216-84-4	40
4		Acetic acid, diethyl-	116	C6H12O2	000088-09-5	38
5		1,4-Dioxane	88	C4H8O2	000123-91-1	37



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086390.D
Acq On : 23 Apr 2016 15:04
Operator : UM/SJ
Sample : H2640-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WPG-B12(0-5)-C

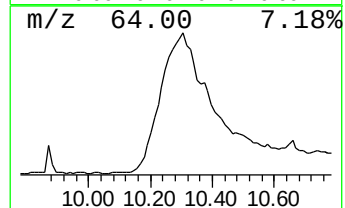
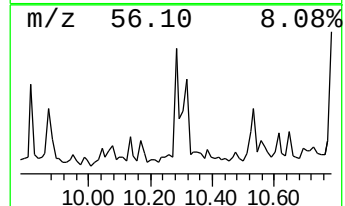
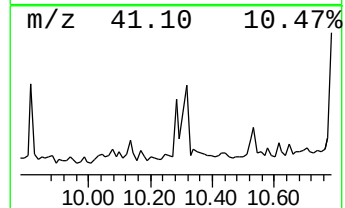
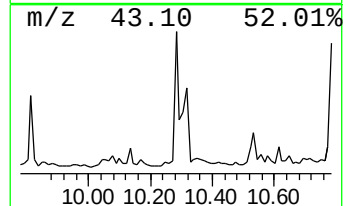
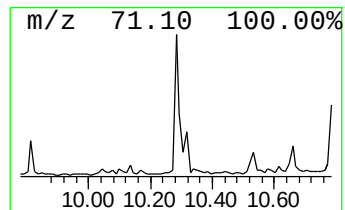
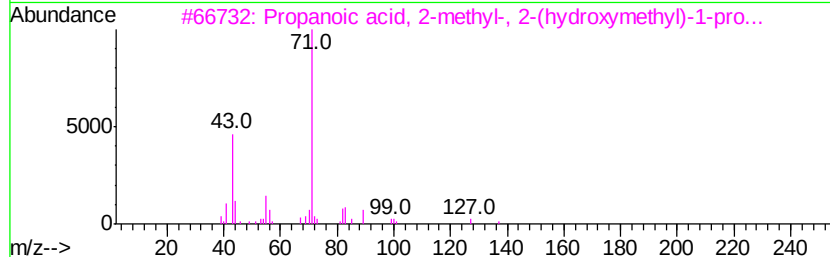
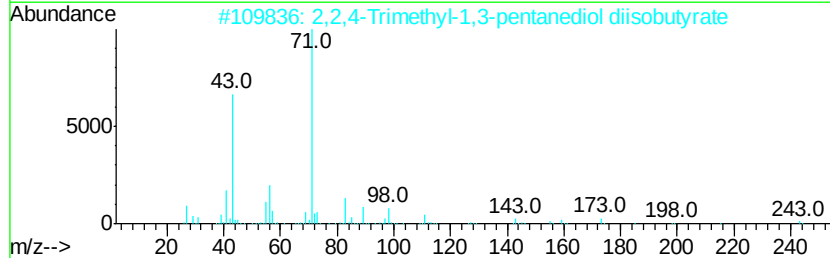
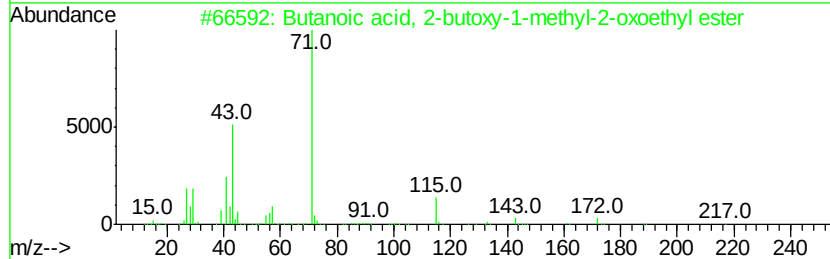
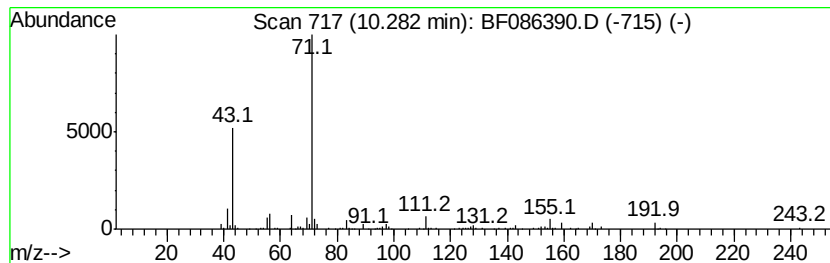
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown10.28 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	3.36 ng	240289	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 2-butoxy-1-methyl...	216	C11H20O4	007492-70-8	42
2		2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	39
3		Propanoic acid, 2-methyl-, 2-(hv...	216	C12H24O3	074367-32-1	36
4		Butanoic acid, anhydride	158	C8H14O3	000106-31-0	36
5		Octanoic acid, 2-tetrahydrofuryl...	228	C13H24O3	033601-75-1	36



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086390.D
Acq On : 23 Apr 2016 15:04
Operator : UM/SJ
Sample : H2640-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WPG-B12(0-5)-C

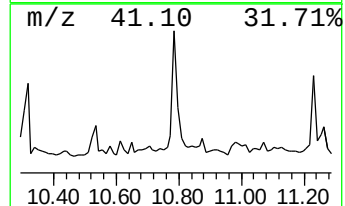
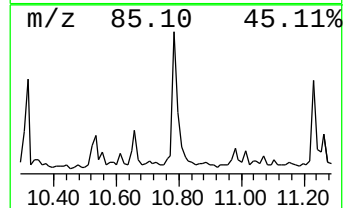
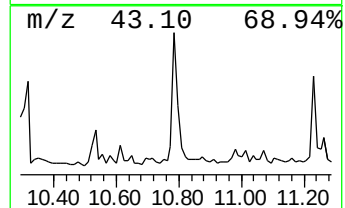
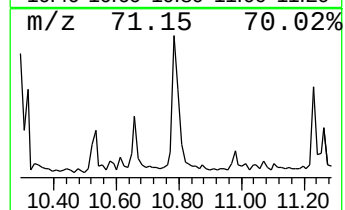
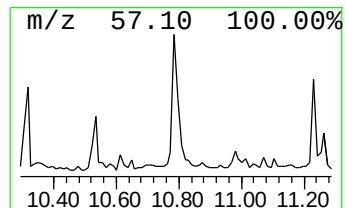
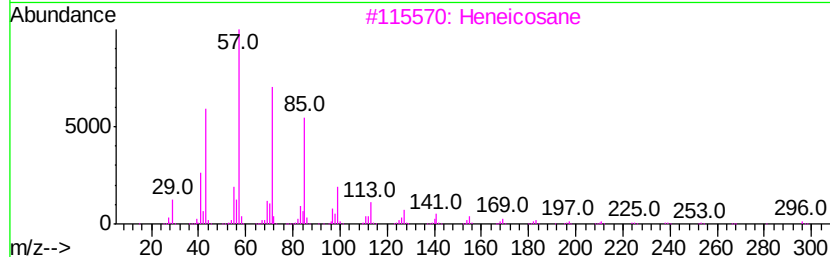
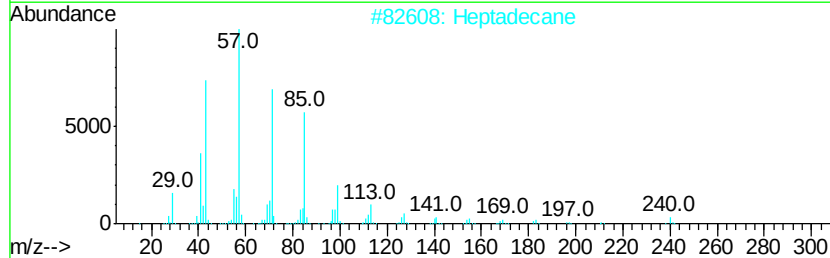
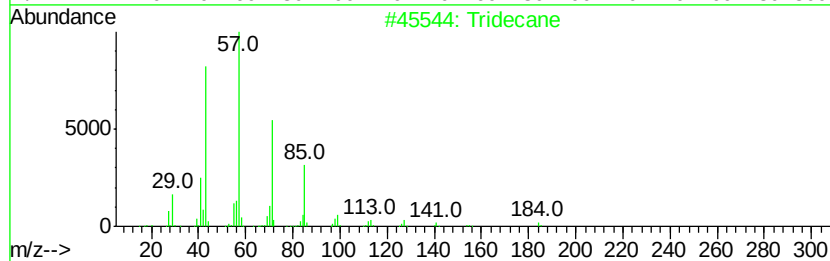
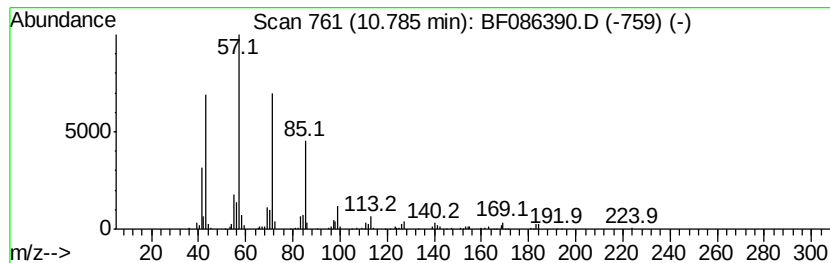
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	3.81 ng	269134	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	94
2		Heptadecane	240	C17H36	000629-78-7	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptacosane	380	C27H56	000593-49-7	90
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086390.D
Acq On : 23 Apr 2016 15:04
Operator : UM/SJ
Sample : H2640-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

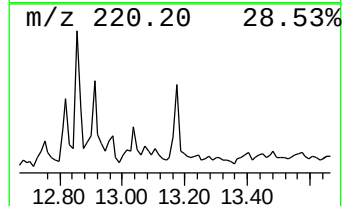
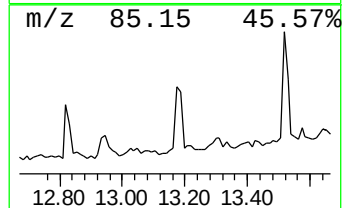
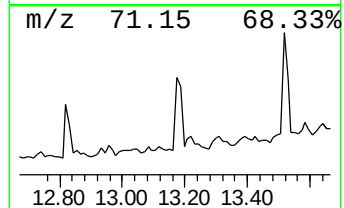
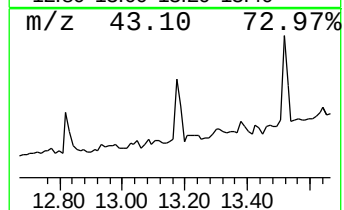
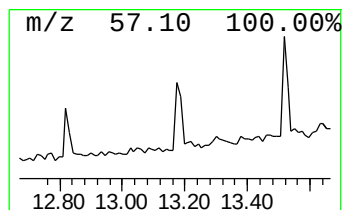
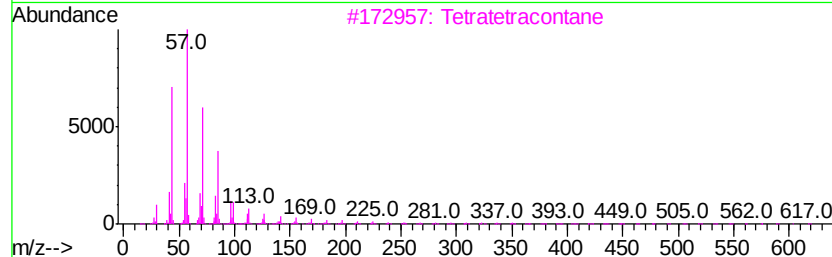
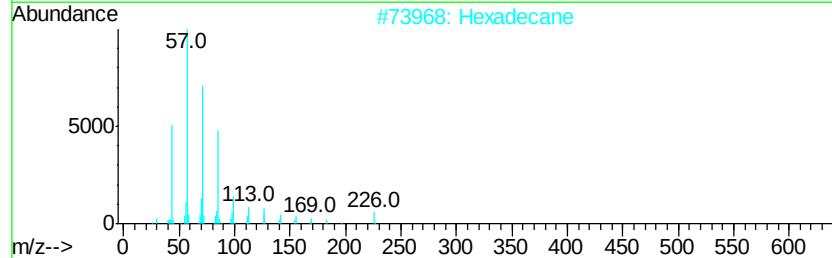
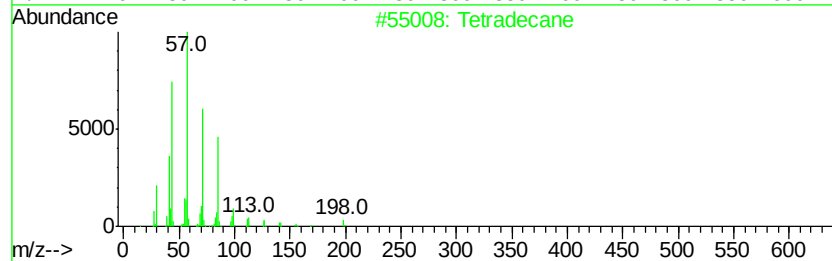
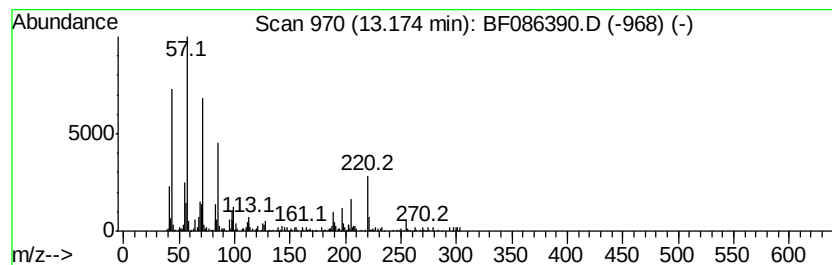
Instrument :
BNA_F
ClientSampleId :
WPG-B12(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.17	2.79 ng	194093	Chrysene-d12		13.99
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Hexadecane	226	C16H34	000544-76-3	89
3	Tetratetracontane	619	C44H90	007098-22-8	58
4	Octacosane	394	C28H58	000630-02-4	58
5	Octadecane	254	C18H38	000593-45-3	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086390.D
Acq On : 23 Apr 2016 15:04
Operator : UM/SJ
Sample : H2640-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WPG-B12(0-5)-C

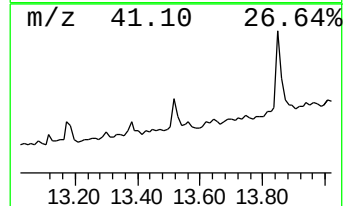
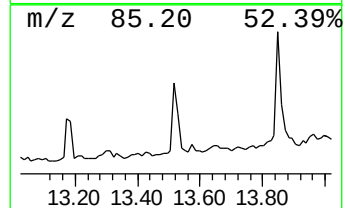
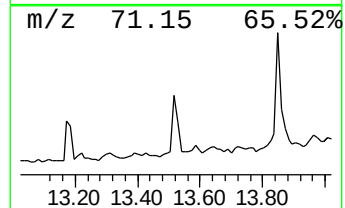
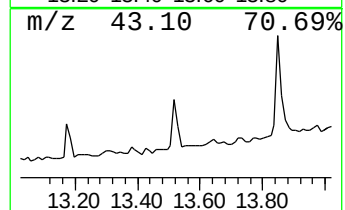
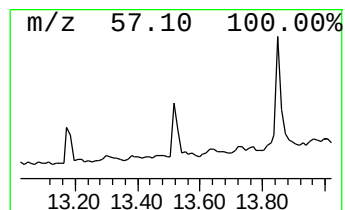
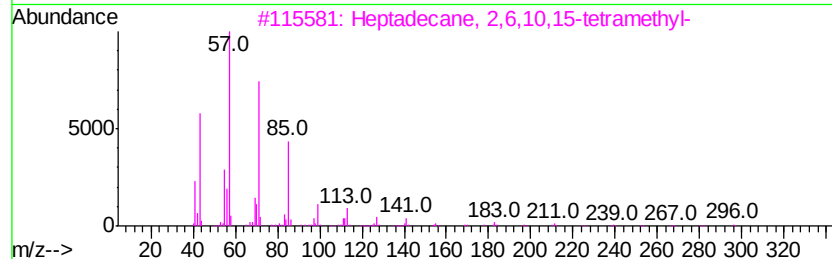
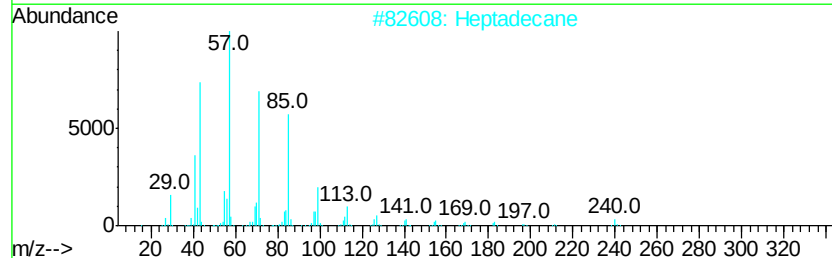
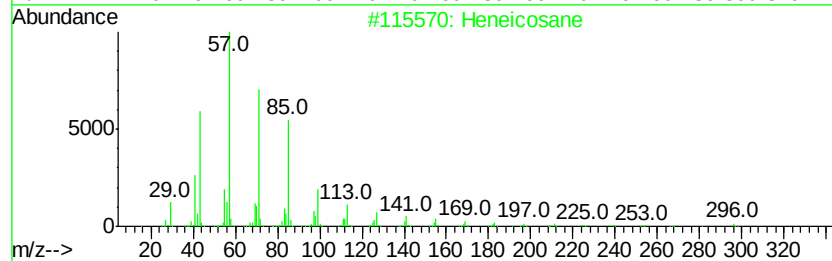
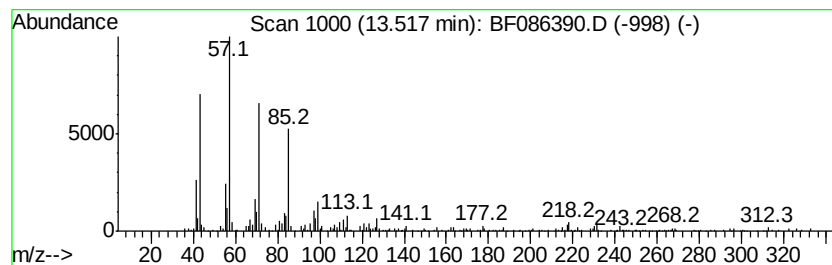
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	3.80 ng	264244	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	93
2		Heptadecane	240	C17H36	000629-78-7	87
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086390.D
Acq On : 23 Apr 2016 15:04
Operator : UM/SJ
Sample : H2640-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

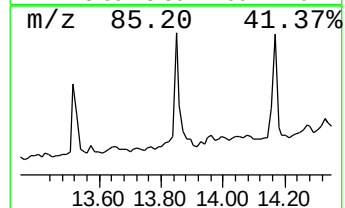
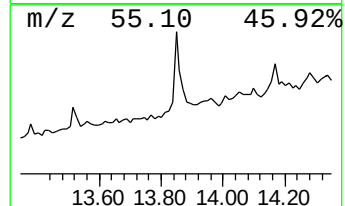
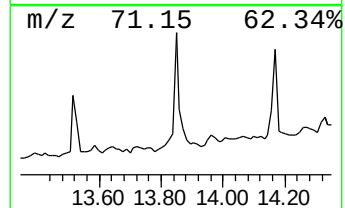
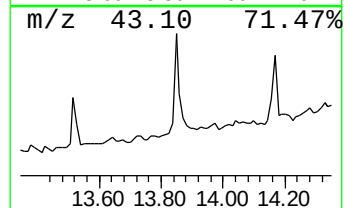
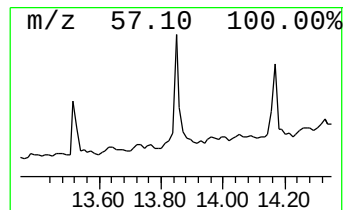
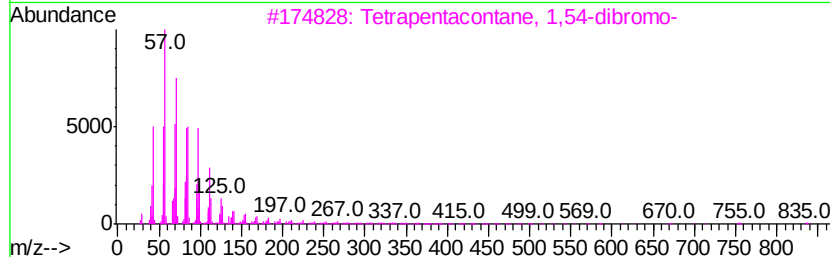
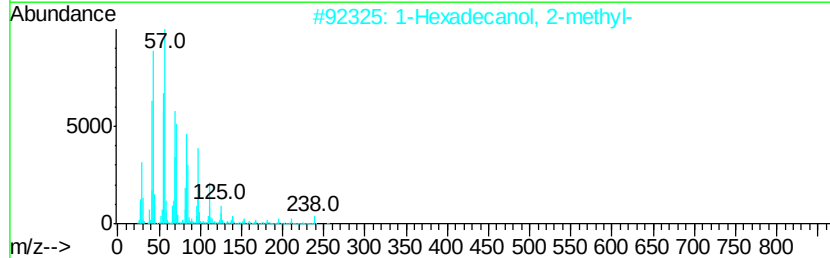
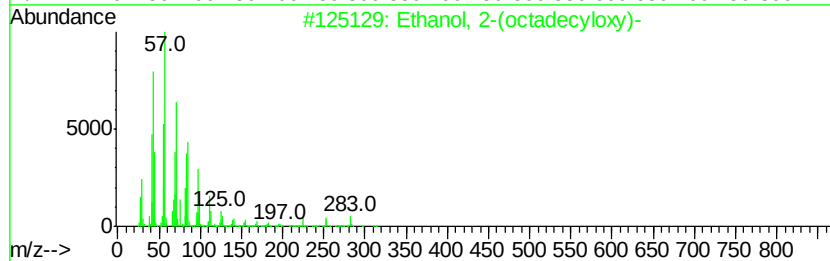
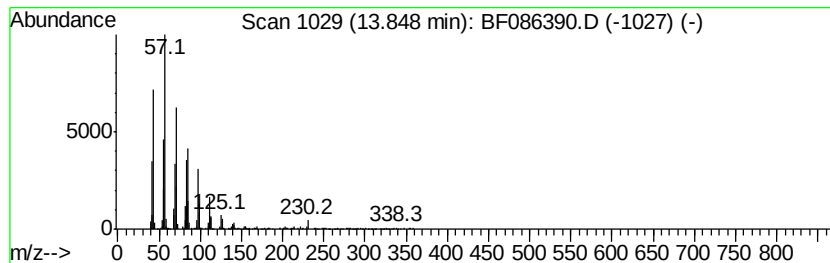
Instrument :
BNA_F
ClientSampleId :
WPG-B12(0-5)-C

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Ethanol, 2-(octadecyloxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.85	6.33 ng	439704	Chrysene-d12	13.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	83
2	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	83
3	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	80
4	Eicosane	282	C20H42	000112-95-8	64
5	Tridecane	184	C13H28	000629-50-5	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086390.D
Acq On : 23 Apr 2016 15:04
Operator : UM/SJ
Sample : H2640-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WPG-B12(0-5)-C

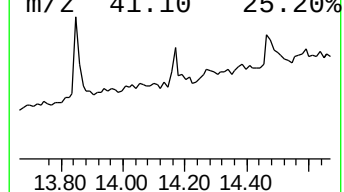
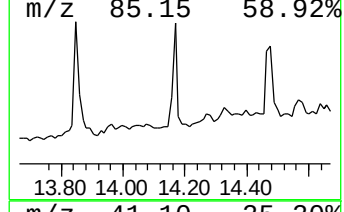
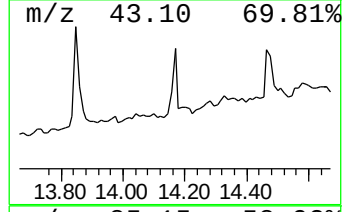
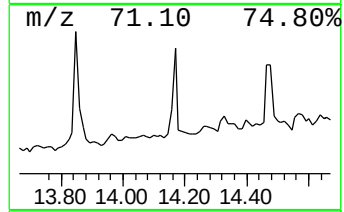
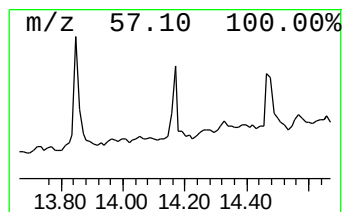
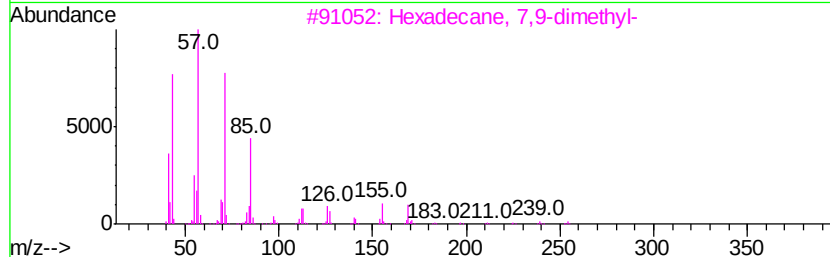
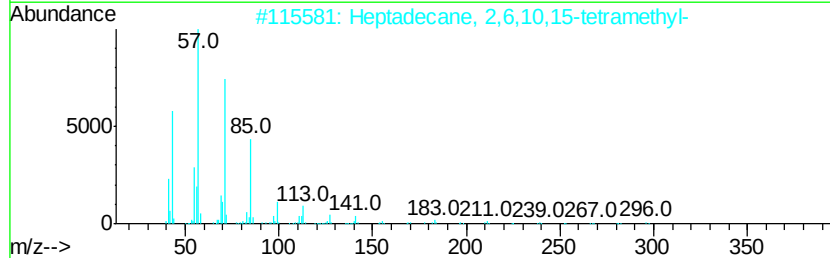
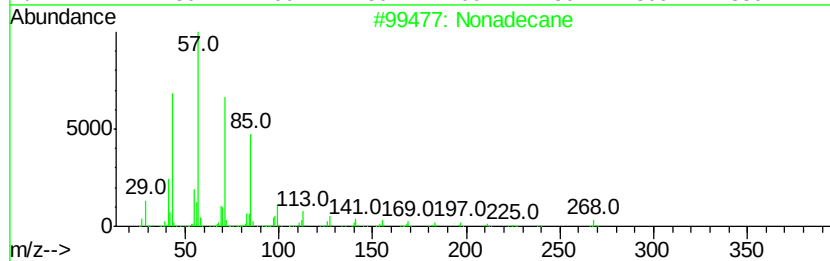
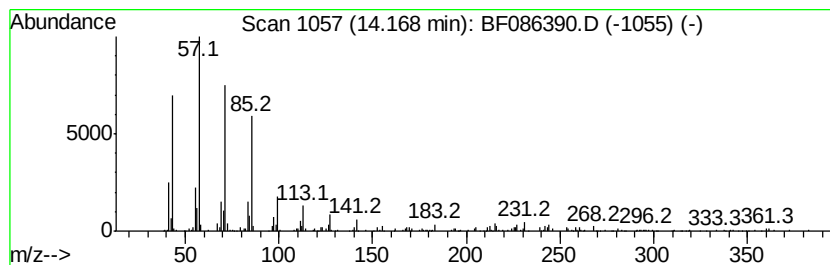
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	3.35 ng	232996	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	91
4		Pentadecane	212	C15H32	000629-62-9	89
5		Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
Data File : BF086390.D
Acq On : 23 Apr 2016 15:04
Operator : UM/SJ
Sample : H2640-11
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WPG-B12(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.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...	5.02	17.5	ng	965723	1	6.84	1105280	20.0
unknown6.61	6.61	94.6	ng	5229060	1	6.84	1105280	20.0
Hexanoic acid, 2-...	7.50	2.9	ng	221228	2	8.12	1529020	20.0
unknown10.28	10.28	3.4	ng	240289	3	9.87	1429620	20.0
Tridecane	10.79	3.8	ng	269134	4	11.36	1413620	20.0
Tetradecane	13.17	2.8	ng	194093	5	13.99	1389920	20.0
Heneicosane	13.52	3.8	ng	264244	5	13.99	1389920	20.0
Ethanol, 2-(octad...	13.85	6.3	ng	439704	5	13.99	1389920	20.0
Nonadecane	14.17	3.4	ng	232996	5	13.99	1389920	20.0