

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
 Data File : BF083220.D
 Acq On : 23 Nov 2015 23:06
 Operator : UM/IZ
 Sample : G4426-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

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-BF112115.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	4.799	243	246	254	rBV	2285468	3826205	55.05%	5.609%
2	5.256	283	286	289	rBV	5599416	6506698	93.61%	9.538%
3	6.319	376	379	382	rBV	5374751	6950981	100.00%	10.189%
4	6.422	385	388	391	rVV	6525181	6640330	95.53%	9.734%
5	6.639	405	407	410	rBV	1406150	1302025	18.73%	1.909%
6	6.799	418	421	424	rBV	5021161	4764667	68.55%	6.984%
7	7.210	454	457	460	rBV	2945925	4310651	62.02%	6.319%
8	7.370	466	471	473	rVB	172533	242261	3.49%	0.355%
9	7.713	496	501	508	rVB3	64613	153965	2.22%	0.226%
10	7.862	510	514	518	rBV	49906	106064	1.53%	0.155%
11	7.930	518	520	522	rBV	1934164	1743903	25.09%	2.556%
12	8.319	551	554	557	rBV	73253	95912	1.38%	0.141%
13	8.890	596	604	607	rBV	119353	206917	2.98%	0.303%
14	9.016	612	615	617	rBV	5421970	6607313	95.06%	9.686%
15	9.108	620	623	625	rVB2	55052	81288	1.17%	0.119%
16	9.268	634	637	640	rBV2	45972	76344	1.10%	0.112%
17	9.336	641	643	647	rVV3	56989	150171	2.16%	0.220%
18	9.416	647	650	652	rVV	1345523	1683921	24.23%	2.468%
19	9.508	655	658	662	rVB	114122	208485	3.00%	0.306%
20	9.633	667	669	670	rBV	148882	193151	2.78%	0.283%
21	9.679	670	673	675	rBV	2024919	1907333	27.44%	2.796%
22	9.953	695	697	698	rVV2	59800	70280	1.01%	0.103%
23	10.102	706	710	711	rBV	95205	151573	2.18%	0.222%
24	10.125	711	712	714	rVB	362426	289122	4.16%	0.424%
25	10.342	729	731	734	rBV	123230	215667	3.10%	0.316%
26	10.468	739	742	744	rVV	3269023	3348209	48.17%	4.908%
27	10.502	744	745	748	rVV2	104908	115167	1.66%	0.169%
28	10.593	752	753	757	rVB	329957	462490	6.65%	0.678%
29	10.685	760	761	764	rBV2	54394	76726	1.10%	0.112%
30	10.788	768	770	772	rBV	59007	101326	1.46%	0.149%
31	10.913	779	781	784	rVB2	77390	107911	1.55%	0.158%
32	11.039	791	792	794	rBV	193966	211432	3.04%	0.310%
33	11.153	799	802	806	rBV	1779839	1703001	24.50%	2.496%
34	11.233	806	809	811	rVB3	52763	97964	1.41%	0.144%

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083220.D
Acq On : 23 Nov 2015 23:06
Operator : UM/IZ
Sample : G4426-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4

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-BF112115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.393	821	823	828	rBV4	55334	135719	1.95%	0.199%
36	11.473	828	830	832	rVV2	106913	166270	2.39%	0.244%
37	11.656	841	846	847	rBV3	108057	302582	4.35%	0.444%
38	11.714	848	851	854	rVV2	594699	1060819	15.26%	1.555%
39	11.759	854	855	861	rVB2	110006	211229	3.04%	0.310%
40	11.874	864	865	870	rVB2	129059	159998	2.30%	0.235%
41	12.034	877	879	882	rBV3	66979	111631	1.61%	0.164%
42	12.136	886	888	891	rVV2	86221	161489	2.32%	0.237%
43	12.194	891	893	898	rVV3	127493	343806	4.95%	0.504%
44	12.262	898	899	900	rVB	112582	79713	1.15%	0.117%
45	12.365	906	908	909	rBV	73223	116180	1.67%	0.170%
46	12.411	909	912	916	rVV	580953	1046805	15.06%	1.534%
47	12.491	916	919	922	rVV	457174	636841	9.16%	0.934%
48	12.536	922	923	925	rVV	160820	173864	2.50%	0.255%
49	12.582	925	927	929	rVV	462195	604312	8.69%	0.886%
50	12.628	930	931	935	rVB2	113320	197008	2.83%	0.289%
51	12.742	938	941	943	rBV	3807370	4064762	58.48%	5.958%
52	12.891	952	954	959	rBV2	128502	275907	3.97%	0.404%
53	12.982	960	962	964	rVB	114522	132880	1.91%	0.195%
54	13.142	974	976	979	rBV3	85608	124447	1.79%	0.182%
55	13.211	980	982	985	rBV	145712	216404	3.11%	0.317%
56	13.279	986	988	990	rVV	307926	291083	4.19%	0.427%
57	13.325	990	992	993	rVV	104877	101463	1.46%	0.149%
58	13.394	996	998	999	rVB	126141	125154	1.80%	0.183%
59	13.645	1018	1020	1022	rBV	213243	272416	3.92%	0.399%
60	13.782	1029	1032	1034	rBV	1029116	1251817	18.01%	1.835%
61	13.965	1046	1048	1050	rBV2	115035	186535	2.68%	0.273%
62	15.142	1149	1151	1154	rBV	825767	957870	13.78%	1.404%

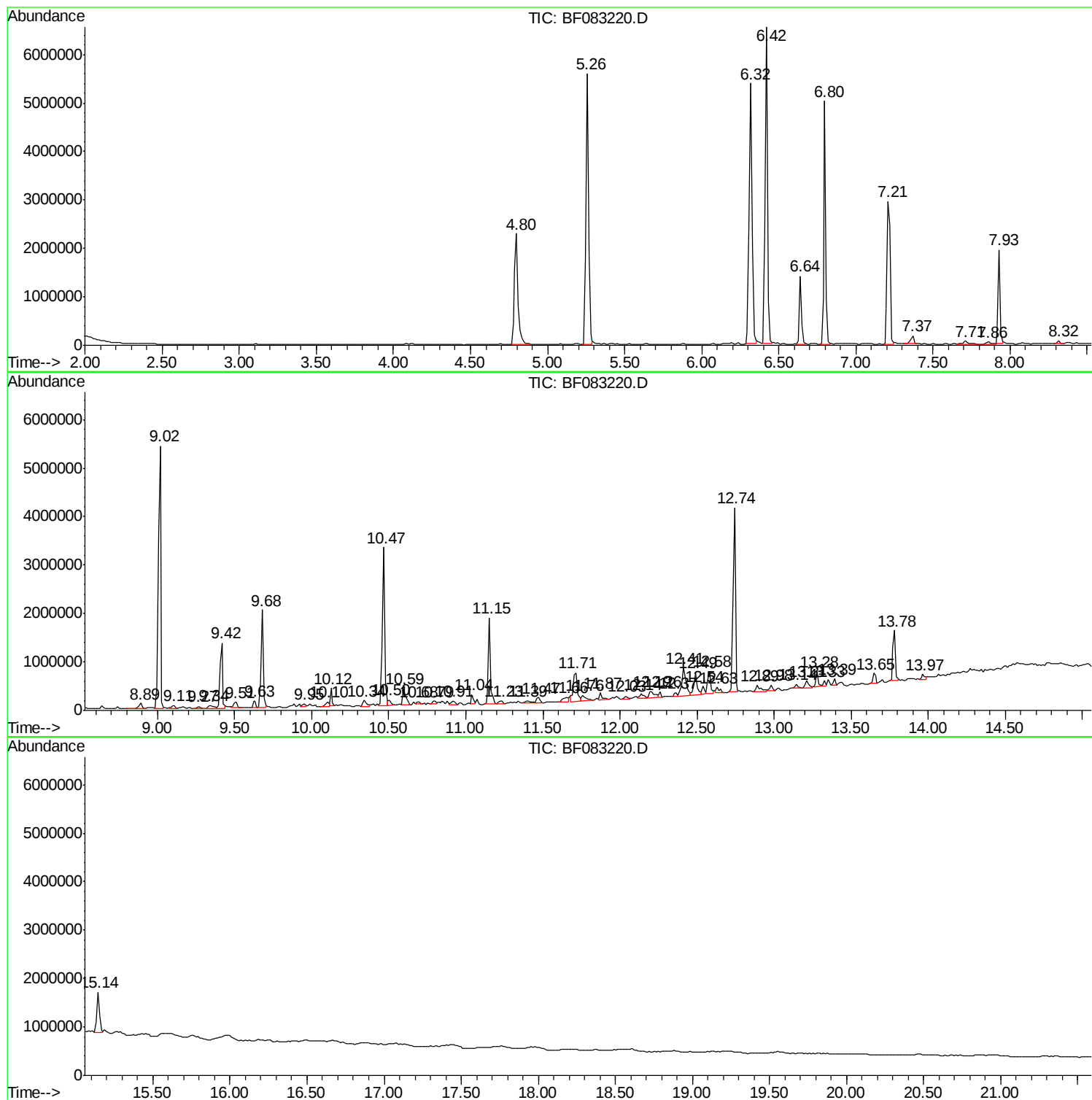
Sum of corrected areas: 68218457

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083220.D
Acq On : 23 Nov 2015 23:06
Operator : UM/IZ
Sample : G4426-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SB-4

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.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\BF112315\
Data File : BF083220.D
Acq On : 23 Nov 2015 23:06
Operator : UM/IZ
Sample : G4426-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4

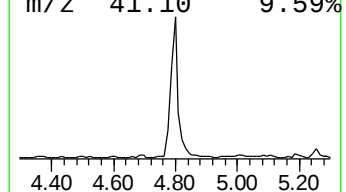
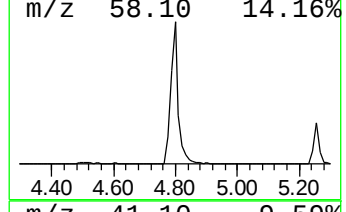
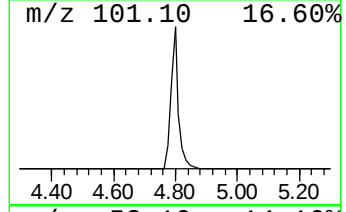
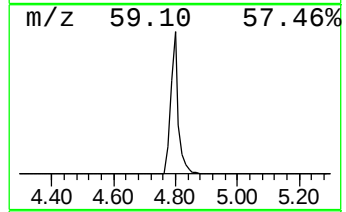
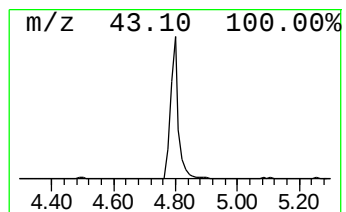
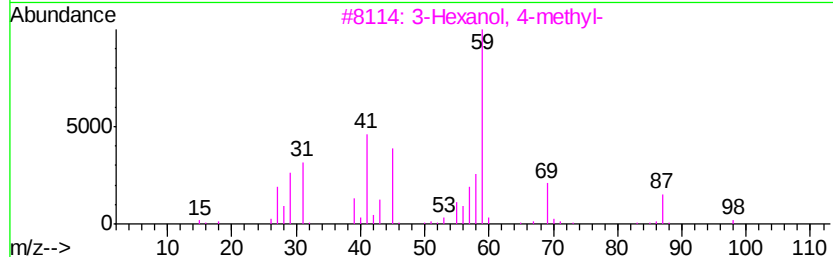
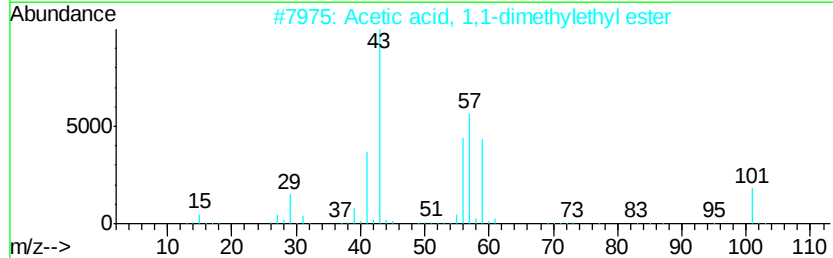
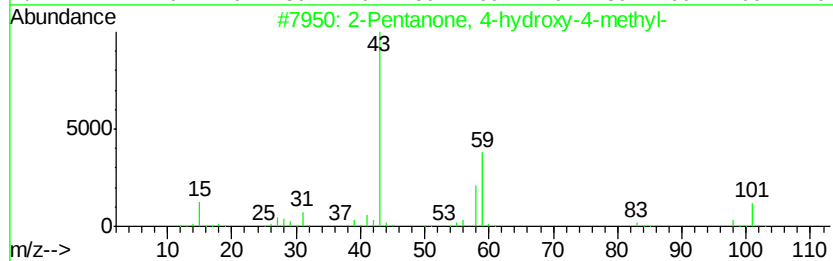
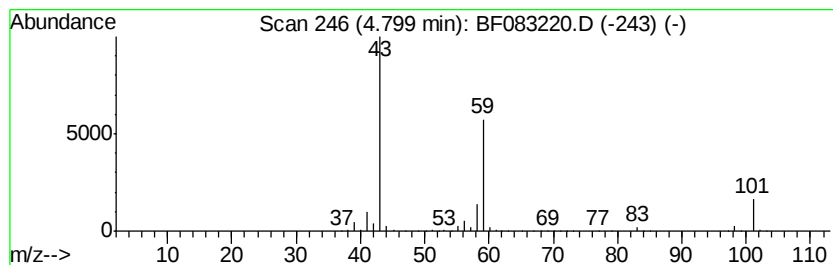
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.80	58.77 ng	3826210	1,4-Dichlorobenzene-d4	6.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
Data File : BF083220.D
Acq On : 23 Nov 2015 23:06
Operator : UM/IZ
Sample : G4426-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4

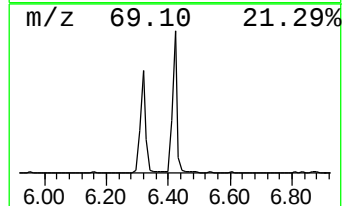
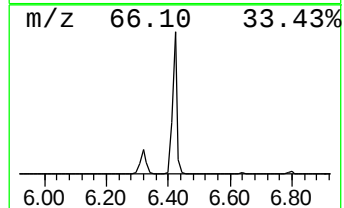
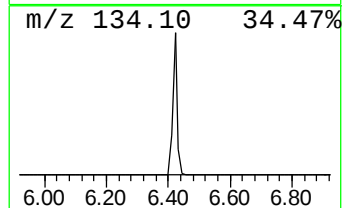
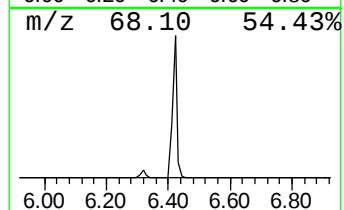
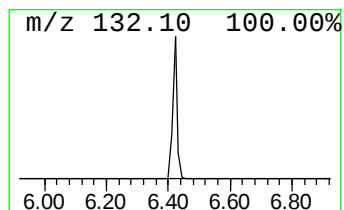
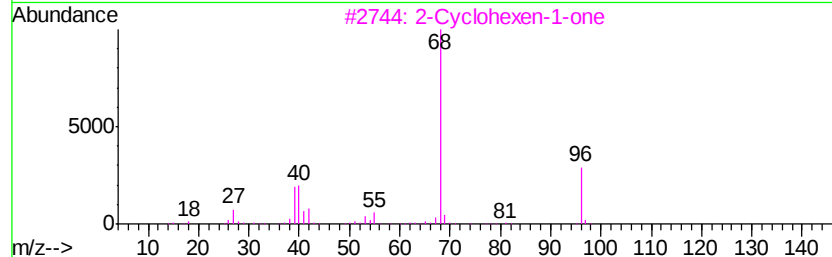
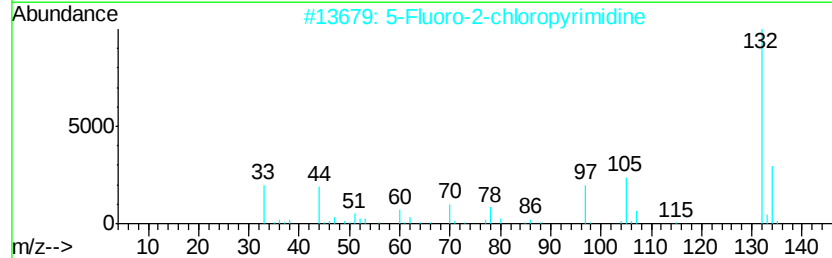
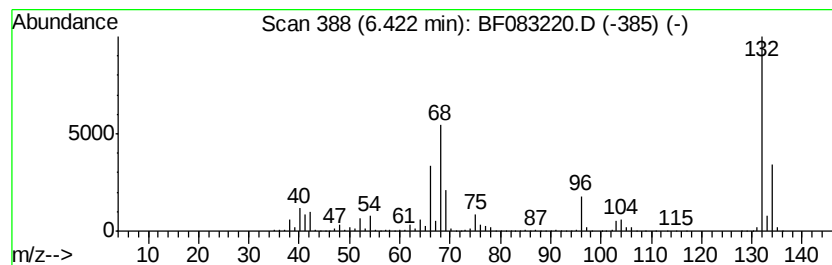
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	102.00 ng	6640330	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
4		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083220.D
Acq On : 23 Nov 2015 23:06
Operator : UM/IZ
Sample : G4426-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4

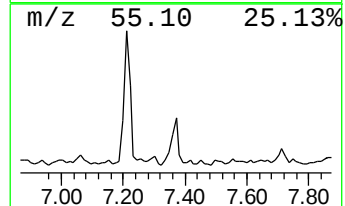
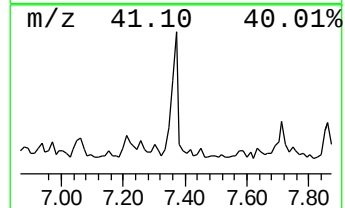
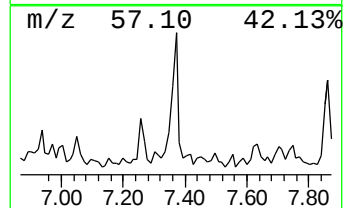
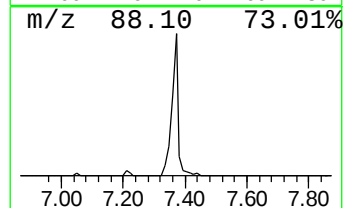
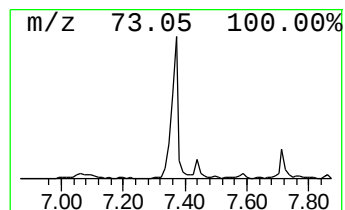
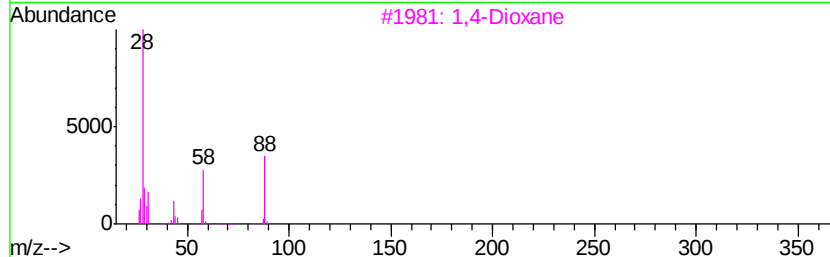
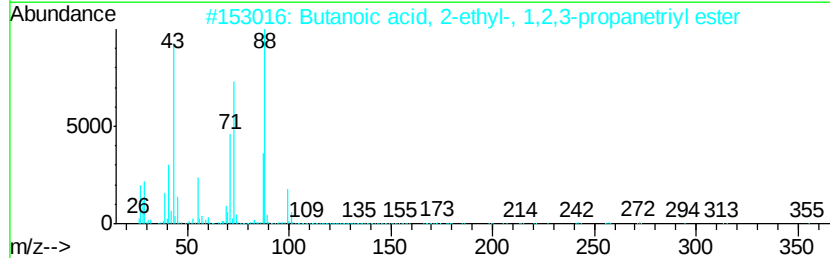
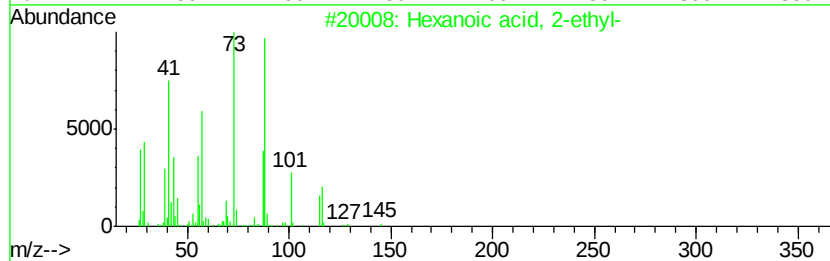
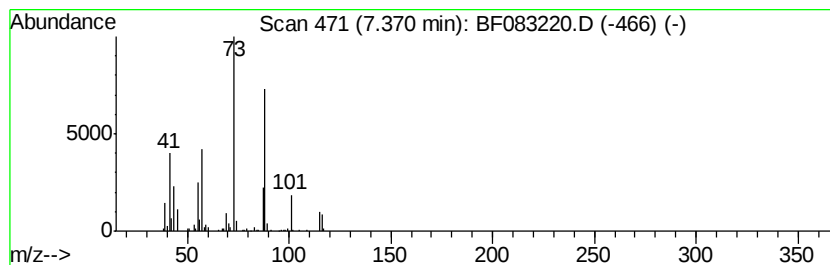
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	2.78 ng	242261	Naphthalene-d8	7.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
2		Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	40
3		1,4-Dioxane	88	C4H8O2	000123-91-1	38
4		Heptanoic acid, ethyl ester	158	C9H18O2	000106-30-9	33
5		Propanoic acid, 3-hydroxy-2-meth...	118	C5H10O3	042998-03-8	28



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083220.D
Acq On : 23 Nov 2015 23:06
Operator : UM/IZ
Sample : G4426-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4

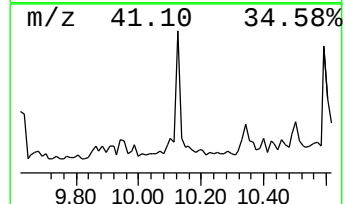
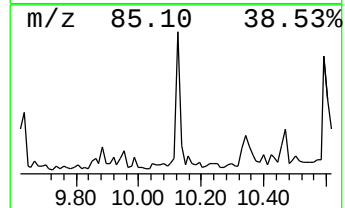
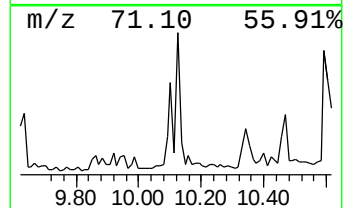
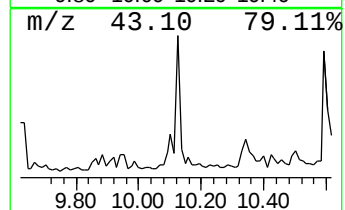
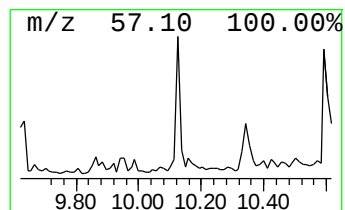
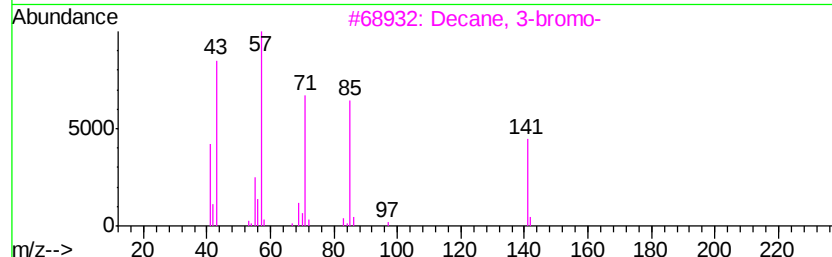
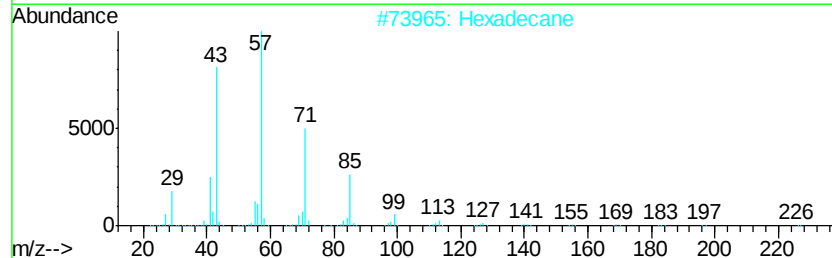
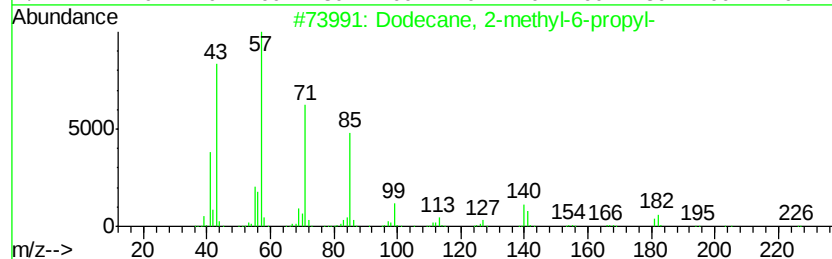
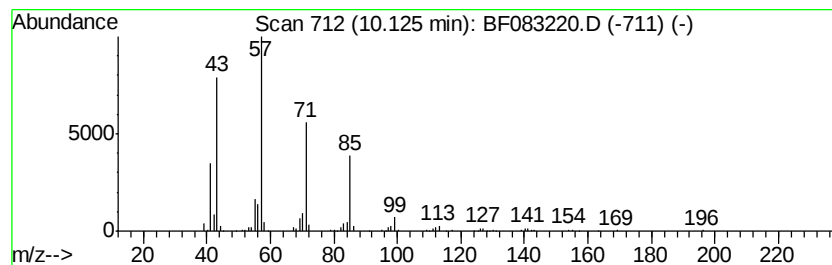
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane, 2-methyl-6-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	3.03 ng	289122	Acenaphthene-d10	9.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
2		Hexadecane	226	C16H34	000544-76-3	74
3		Decane, 3-bromo-	220	C10H21Br	030571-71-2	72
4		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	64
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
Data File : BF083220.D
Acq On : 23 Nov 2015 23:06
Operator : UM/IZ
Sample : G4426-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

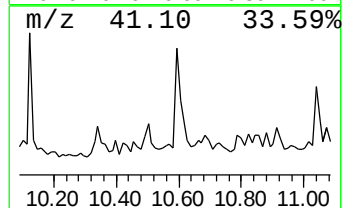
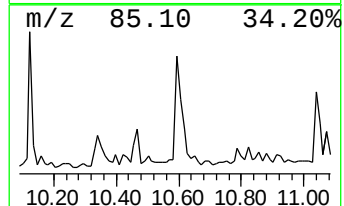
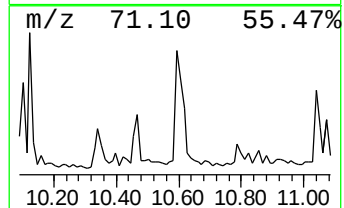
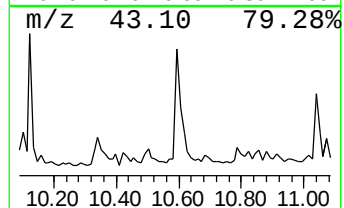
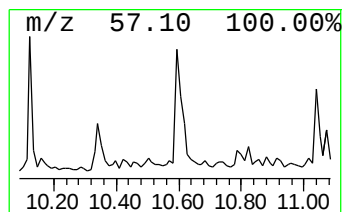
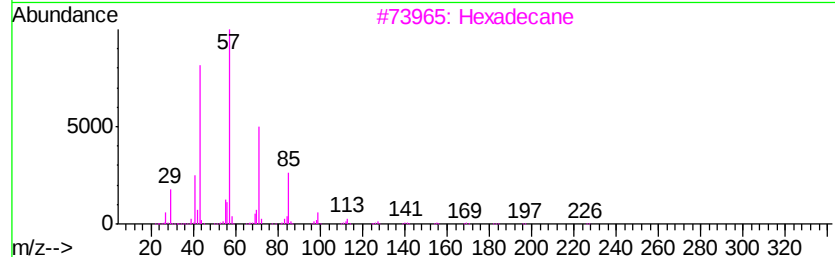
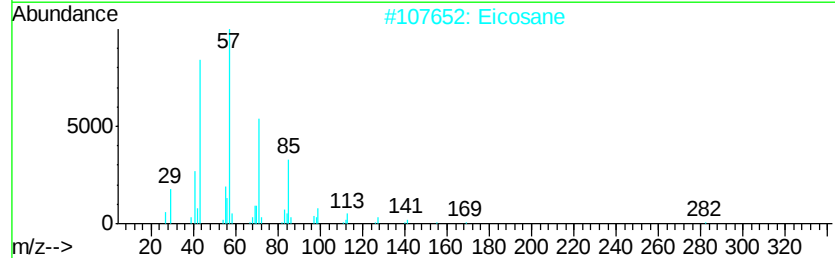
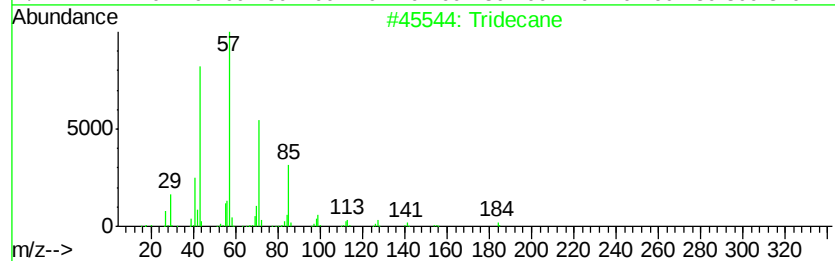
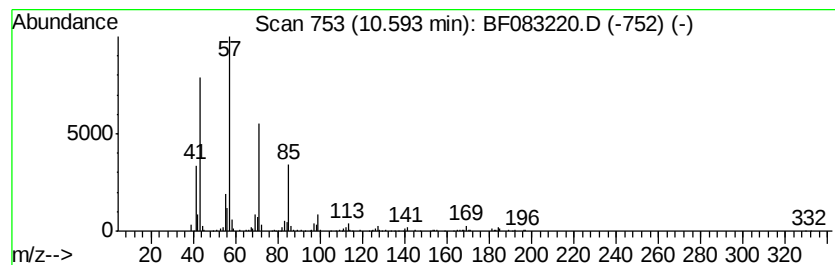
Instrument :
BNA_F
ClientSampleId :
SB-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.59	5.43 ng	462490	Phenanthrene-d10		11.15
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	97
2	Eicosane	282	C20H42	000112-95-8	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
Data File : BF083220.D
Acq On : 23 Nov 2015 23:06
Operator : UM/IZ
Sample : G4426-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4

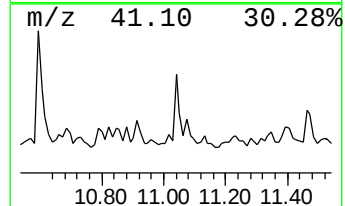
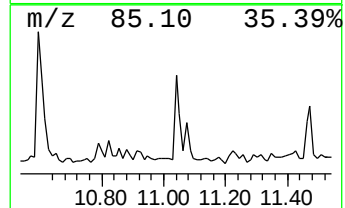
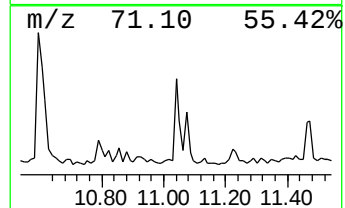
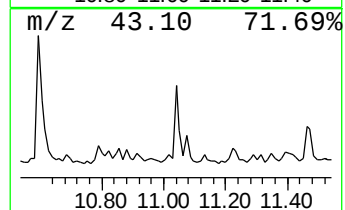
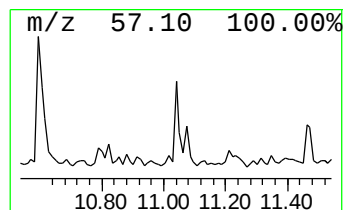
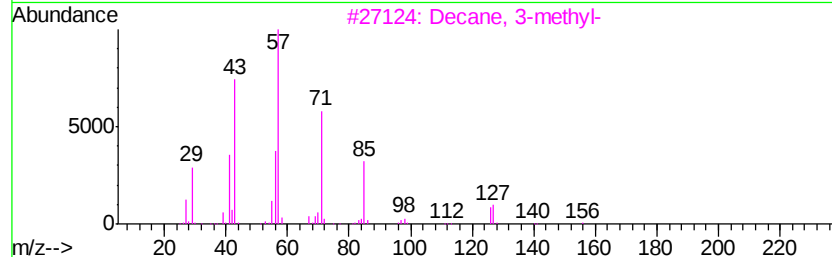
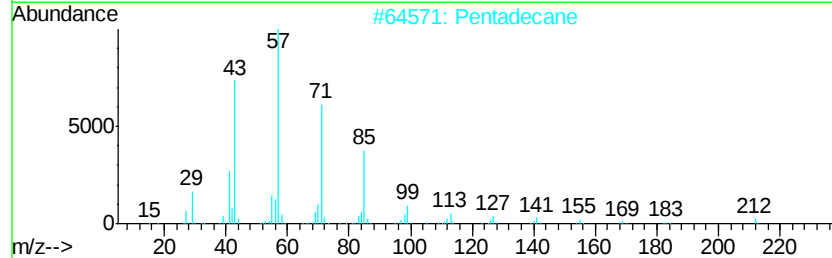
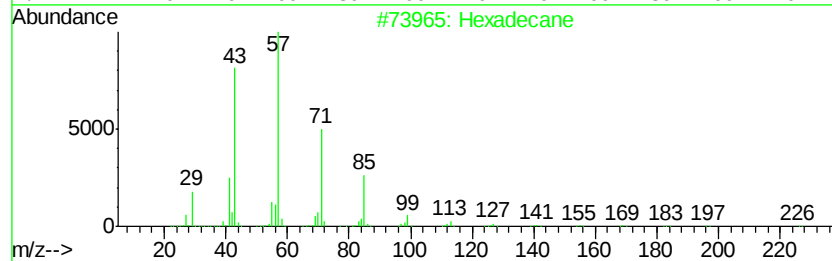
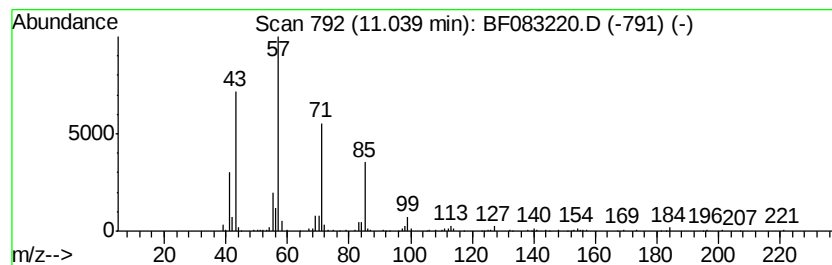
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	2.48 ng	211432	Phenanthrene-d10	11.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	87
2	Pentadecane		212	C15H32	000629-62-9	78
3	Decane, 3-methyl-		156	C11H24	013151-34-3	74
4	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	72
5	Bacchotricuneatin c		342	C20H22O5	066563-30-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
Data File : BF083220.D
Acq On : 23 Nov 2015 23:06
Operator : UM/IZ
Sample : G4426-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

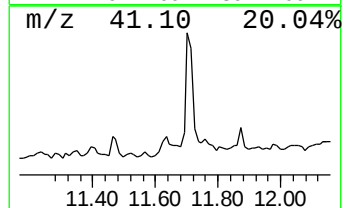
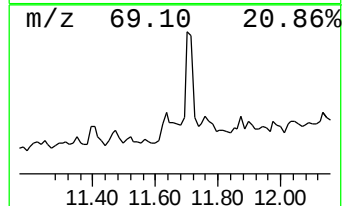
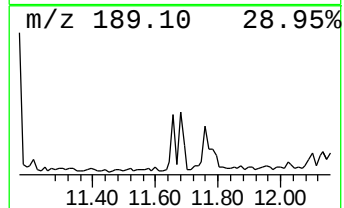
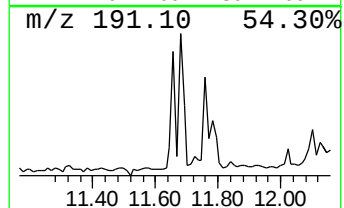
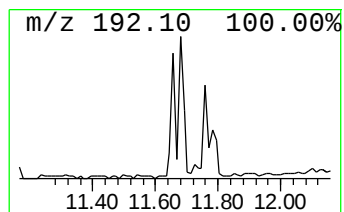
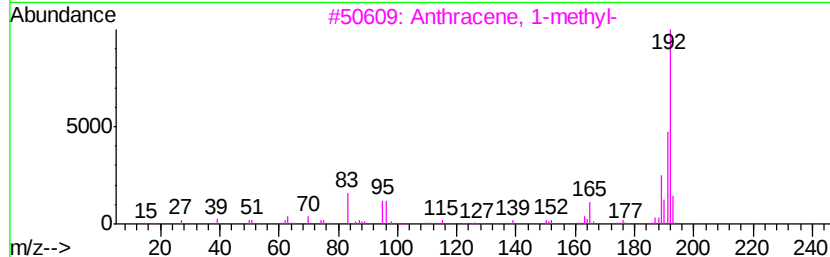
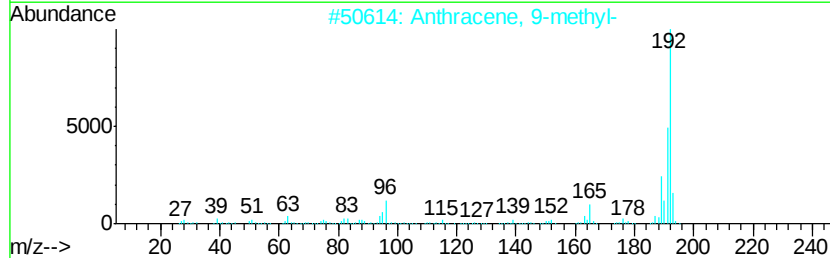
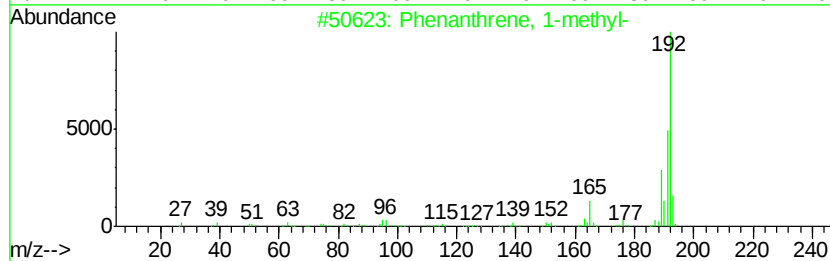
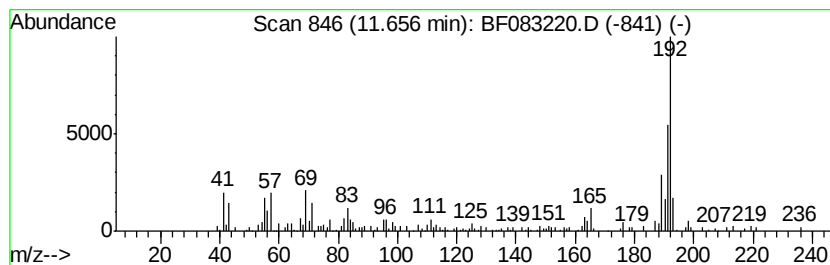
Instrument :
BNA_F
ClientSampleId :
SB-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.66	3.55 ng	302582	Phenanthrene-d10	11.15	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083220.D
Acq On : 23 Nov 2015 23:06
Operator : UM/IZ
Sample : G4426-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4

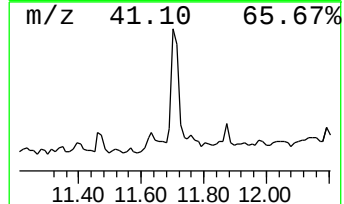
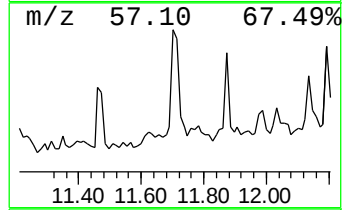
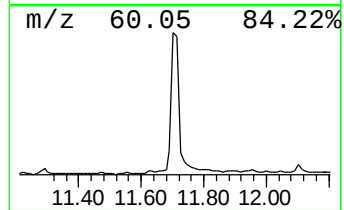
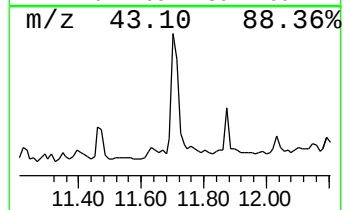
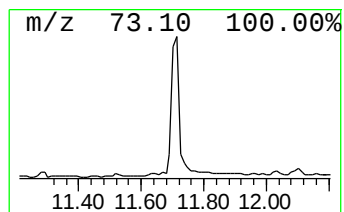
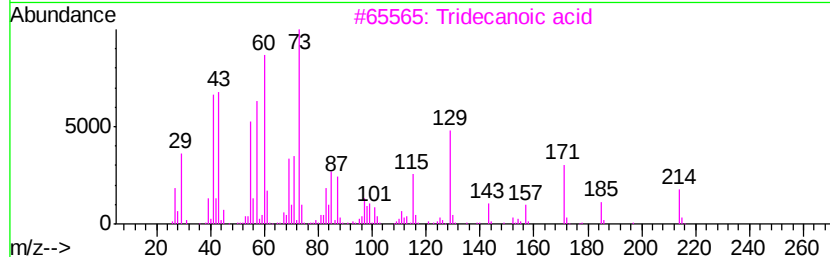
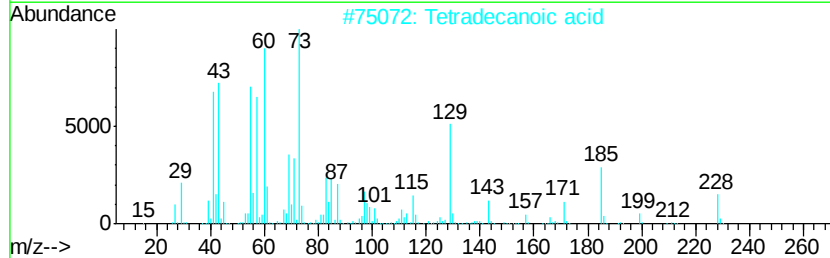
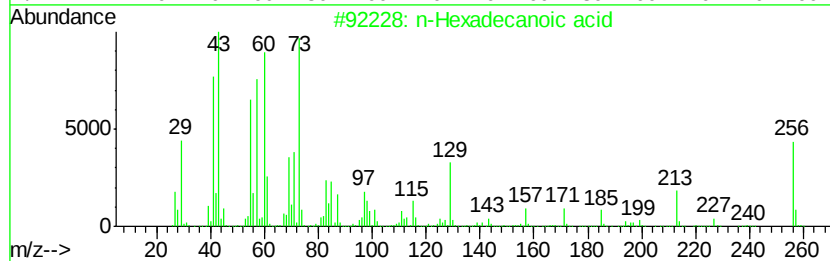
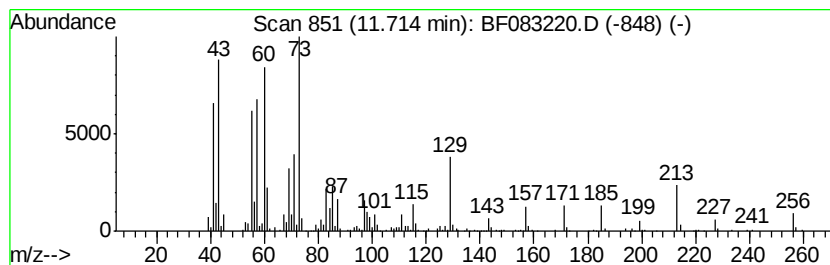
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	12.46 ng	1060820	Phenanthrene-d10	11.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3		Tridecanoic acid	214	C13H26O2	000638-53-9	93
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5		Nonanoic acid	158	C9H18O2	000112-05-0	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083220.D
Acq On : 23 Nov 2015 23:06
Operator : UM/IZ
Sample : G4426-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

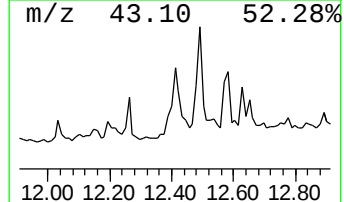
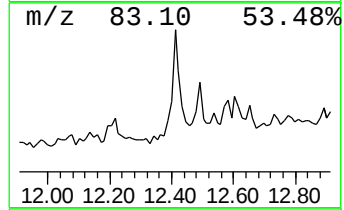
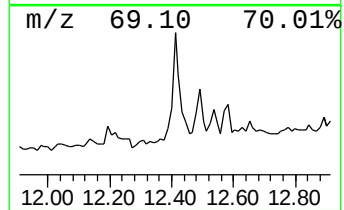
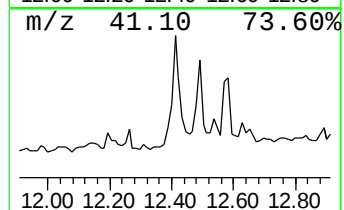
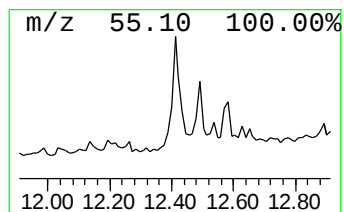
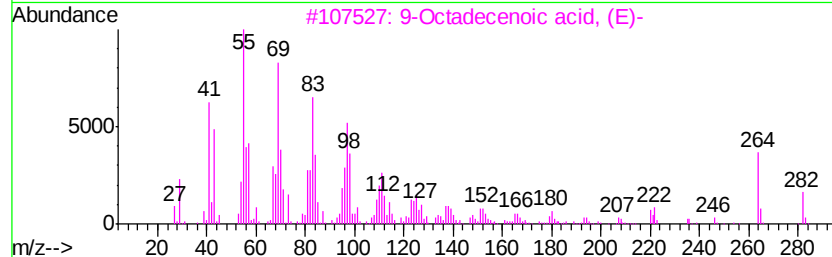
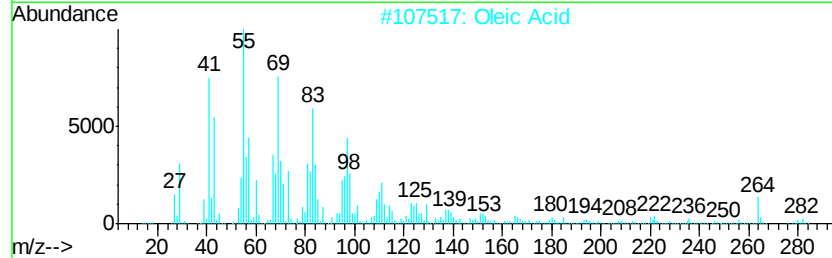
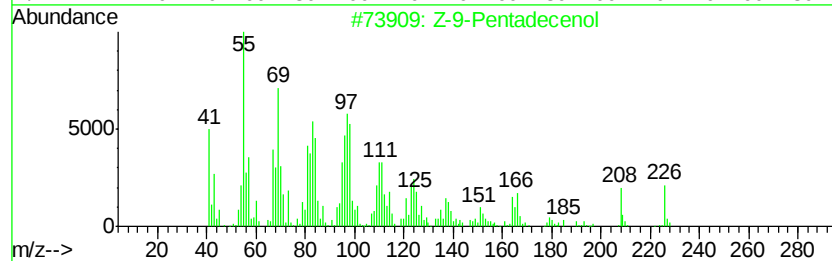
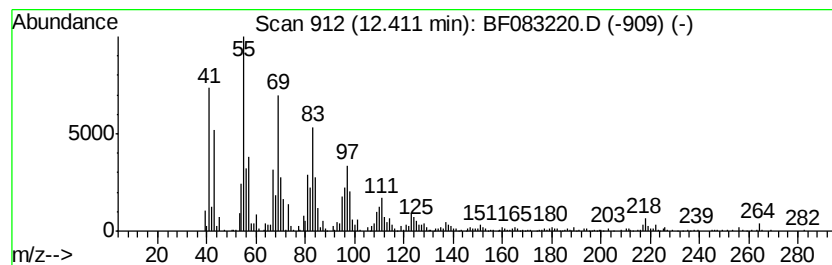
Instrument :
BNA_F
ClientSampleId :
SB-4

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Z-9-Pentadecenol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.41	12.29 ng	1046810	Phenanthrene-d10		11.15
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-9-Pentadecenol	226	C15H30O	1000130-76-9	95
2	Oleic Acid	282	C18H34O2	000112-80-1	95
3	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	93
4	15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	83
5	E-11-Hexadecenoic acid, ethyl ester	282	C18H34O2	1000245-71-9	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
Data File : BF083220.D
Acq On : 23 Nov 2015 23:06
Operator : UM/IZ
Sample : G4426-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4

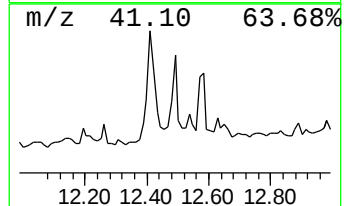
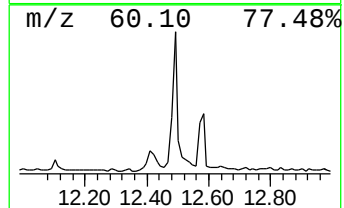
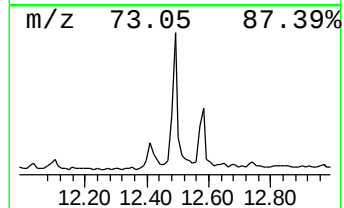
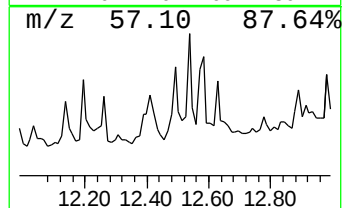
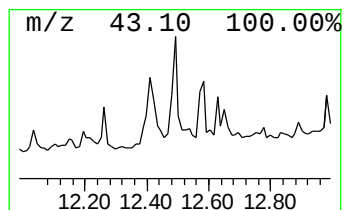
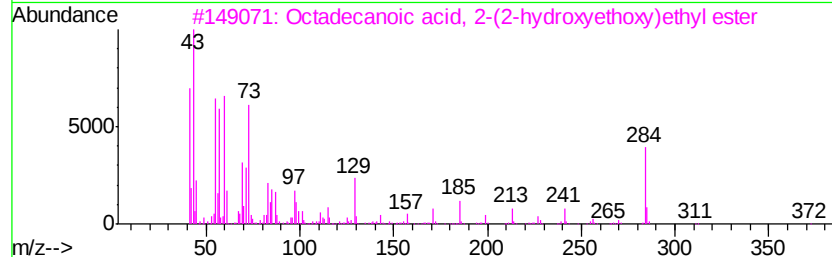
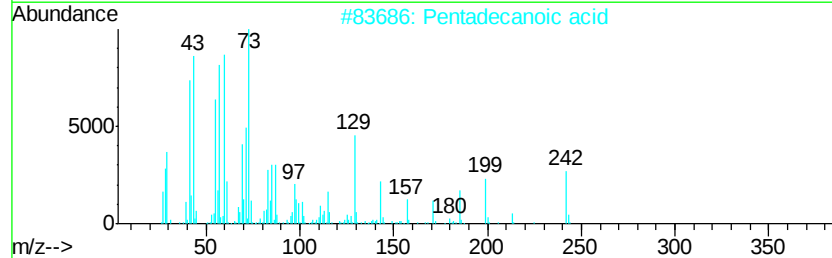
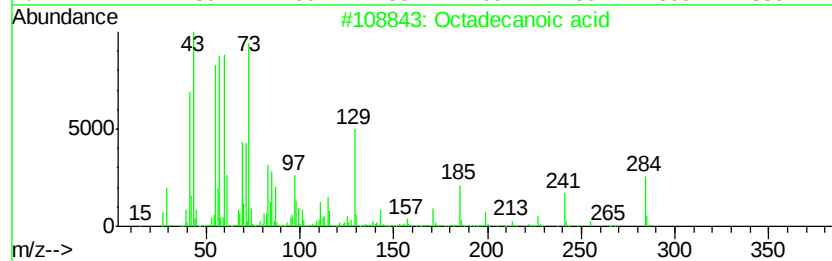
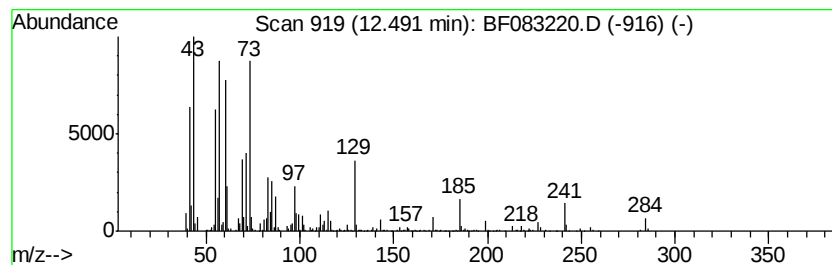
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	10.17 ng	636841	Chrysene-d12	13.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	90
4		n-Decanoic acid	172	C10H20O2	000334-48-5	70
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083220.D
Acq On : 23 Nov 2015 23:06
Operator : UM/IZ
Sample : G4426-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4

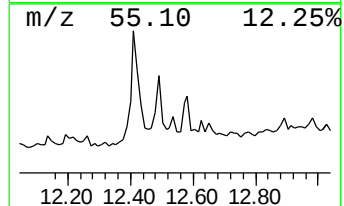
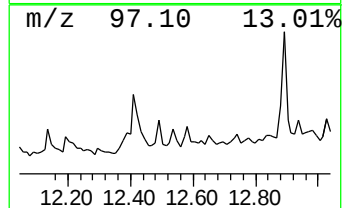
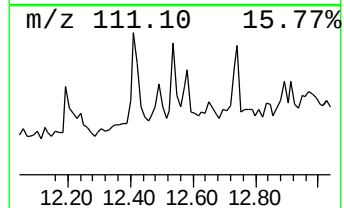
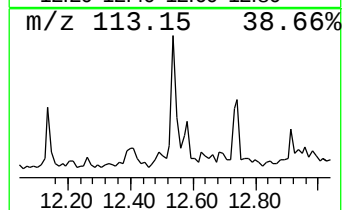
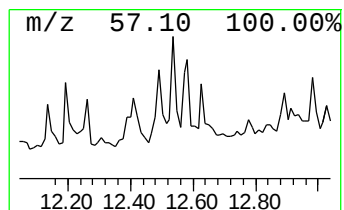
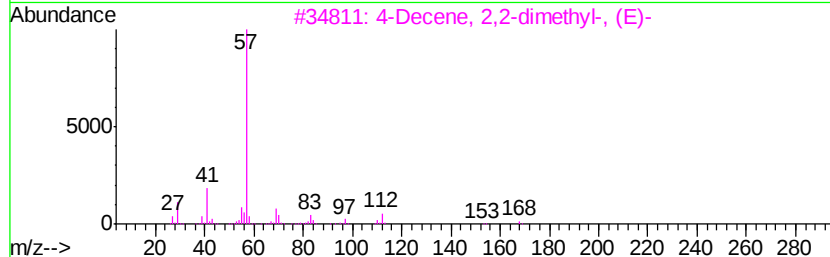
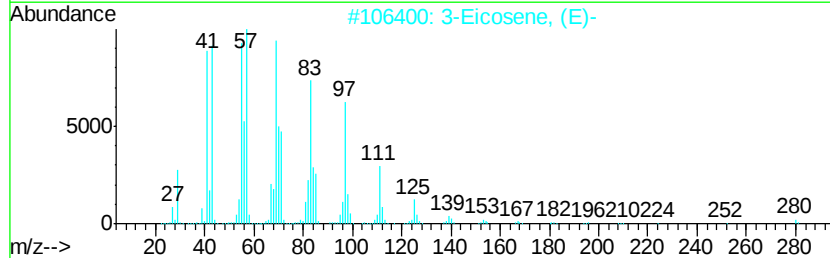
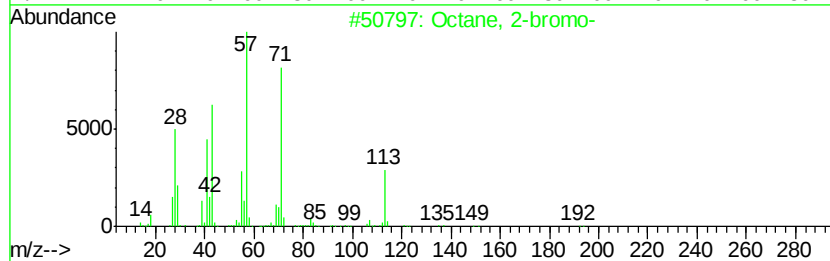
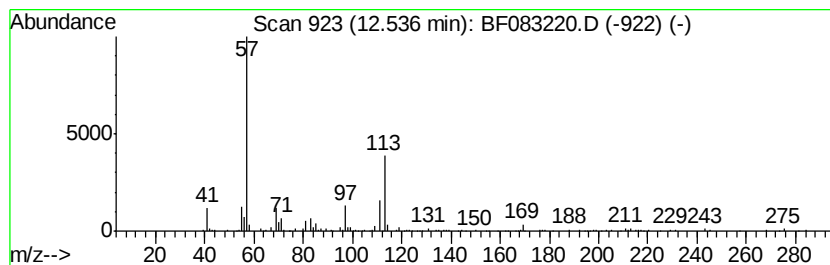
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown12.54 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	2.78 ng	173864	Chrysene-d12	13.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	36
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	22
3		4-Decene, 2,2-dimethyl-, (E)-	168	C12H24	055534-69-5	14
4		3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	14
5		1-Heptadecanamine	255	C17H37N	004200-95-7	12



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
 Data File : BF083220.D
 Acq On : 23 Nov 2015 23:06
 Operator : UM/IZ
 Sample : G4426-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

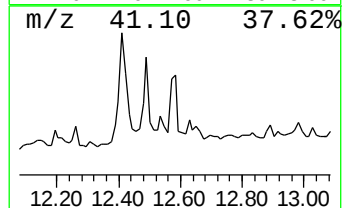
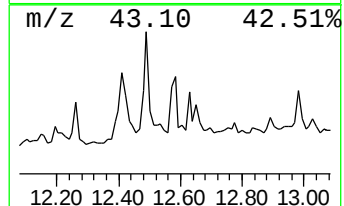
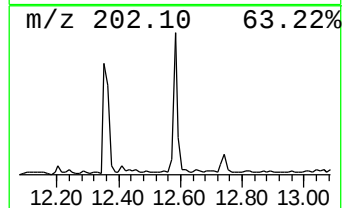
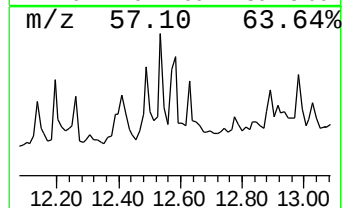
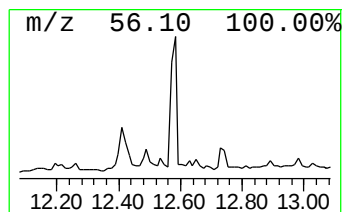
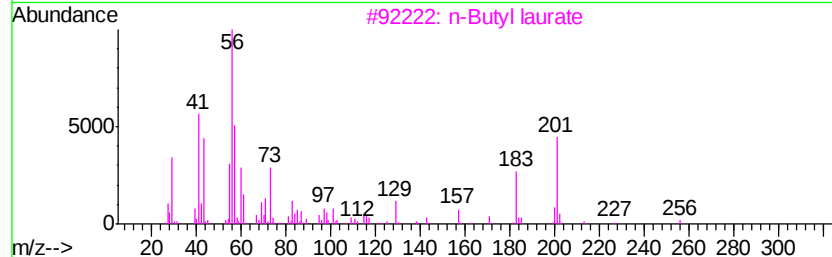
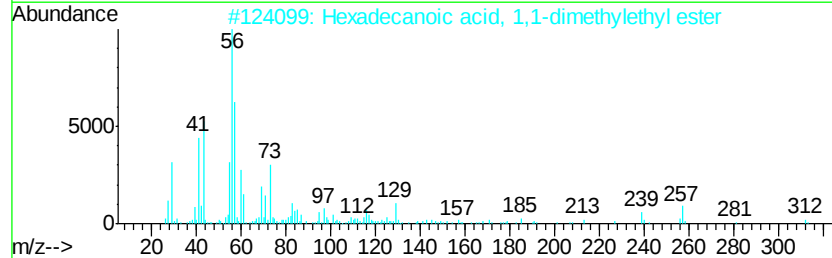
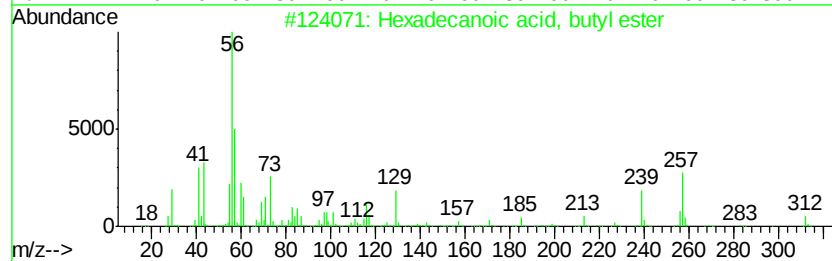
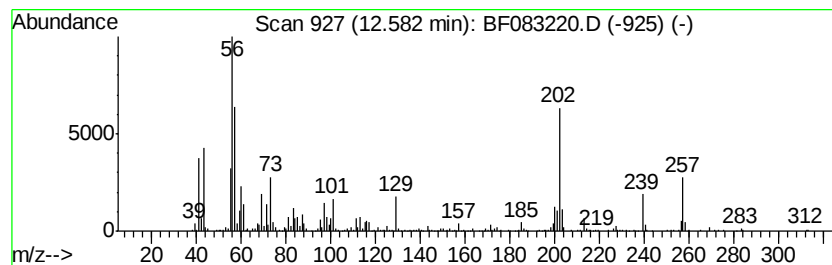
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 14 Hexadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	9.65 ng	604312	Chrysene-d12	13.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	62
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	46
3		n-Butyl laurate	256	C16H32O2	000106-18-3	43
4		Pvrene	202	C16H10	000129-00-0	38
5		Fluoranthene	202	C16H10	000206-44-0	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
Data File : BF083220.D
Acq On : 23 Nov 2015 23:06
Operator : UM/IZ
Sample : G4426-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4

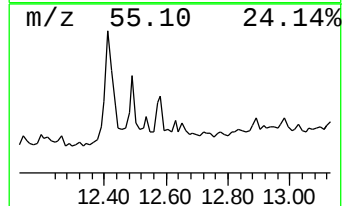
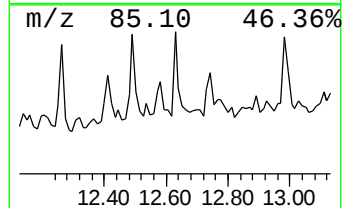
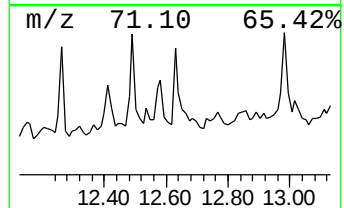
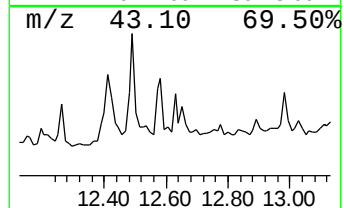
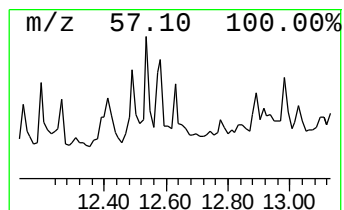
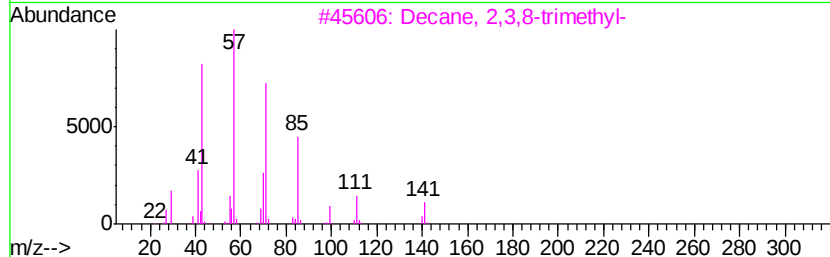
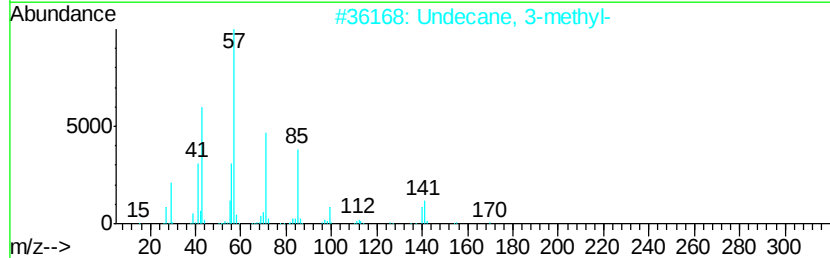
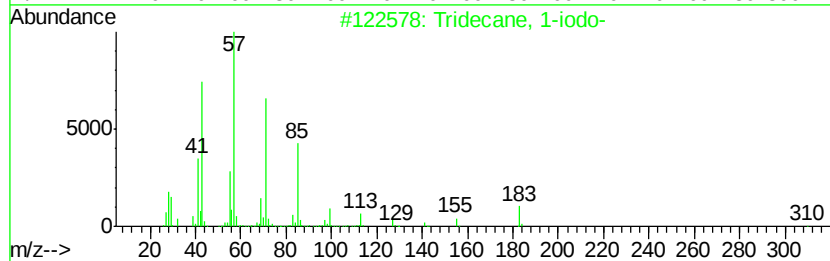
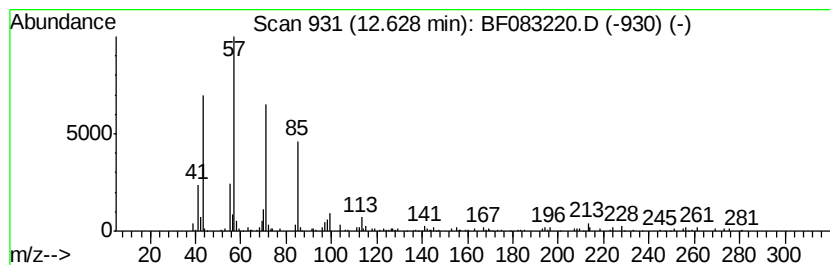
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane, 1-iodo- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	3.15 ng	197008	Chrysene-d12	13.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
2		Undecane, 3-methyl-	170	C12H26	001002-43-3	80
3		Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	72
4		Hexadecane	226	C16H34	000544-76-3	72
5		Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083220.D
Acq On : 23 Nov 2015 23:06
Operator : UM/IZ
Sample : G4426-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4

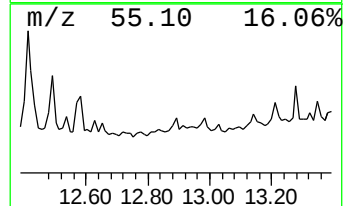
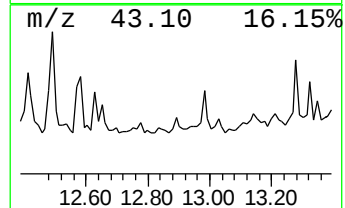
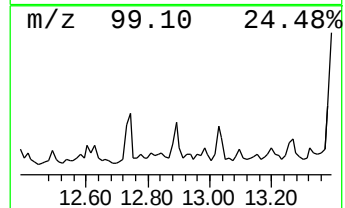
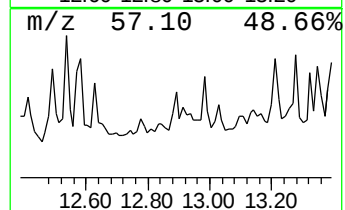
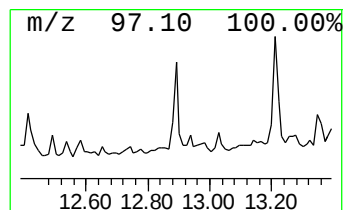
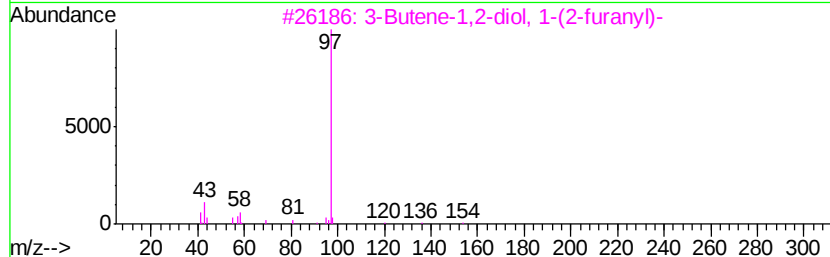
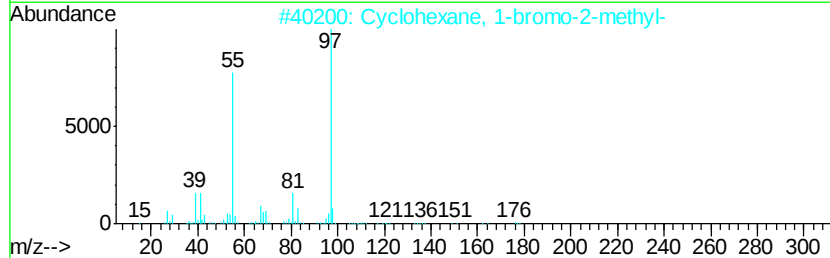
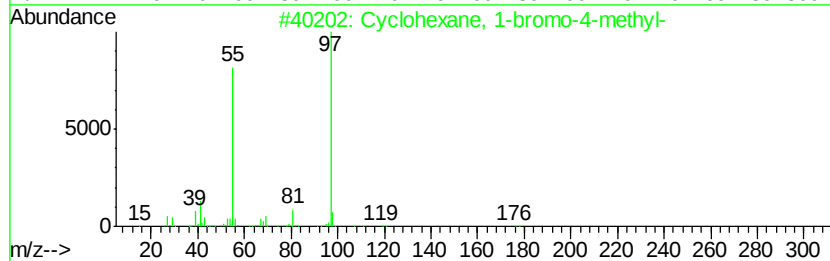
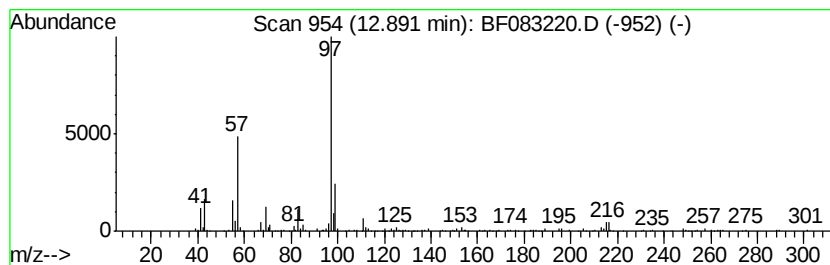
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cyclohexane, 1-bromo-4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	4.41 ng	275907	Chrysene-d12	13.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	53
2		Cyclohexane, 1-bromo-2-methyl-	176	C7H13Br	006294-39-9	53
3		3-Butene-1,2-diol, 1-(2-furanvl)-	154	C8H10O3	019261-13-3	47
4		Bis(3,7-dimethyloctyl) methylpho...	376	C21H45O3P	1000298-35-2	43
5		Cyclohexane, 1-bromo-3-methyl-	176	C7H13Br	013905-48-1	40



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083220.D
Acq On : 23 Nov 2015 23:06
Operator : UM/IZ
Sample : G4426-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4

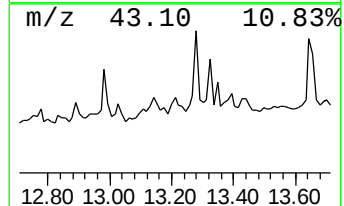
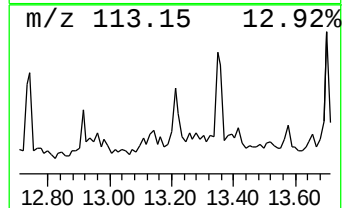
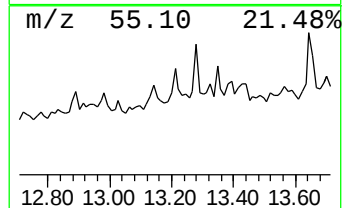
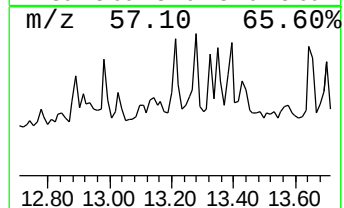
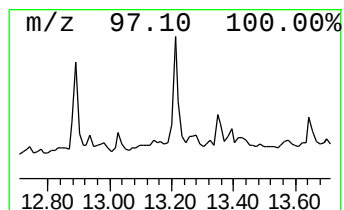
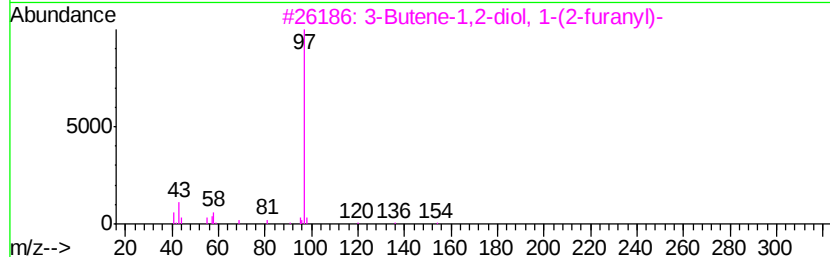
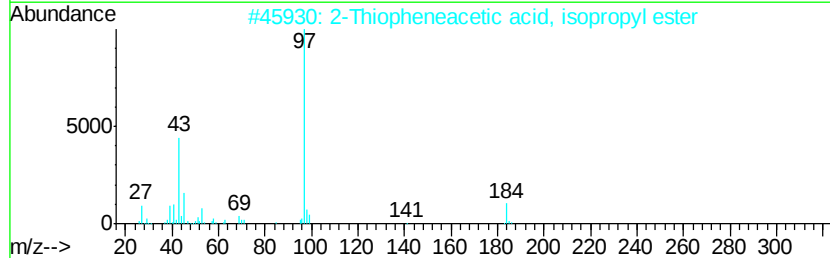
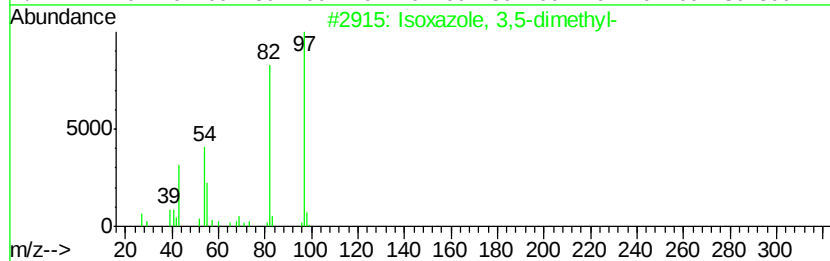
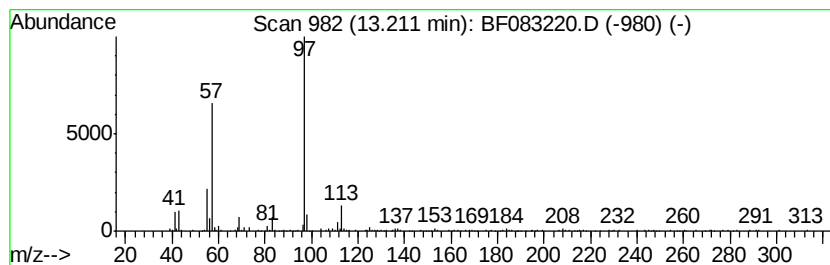
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Isoxazole, 3,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	3.46 ng	216404	Chrysene-d12	13.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	58
2		2-Thiopheneacetic acid, isopropyl ester	184	C9H12O2S	068100-13-0	58
3		3-Butene-1,2-diol, 1-(2-furanyl)-	154	C8H10O3	019261-13-3	53
4		2-Hexenoic acid, 2-hexenyl ester	196	C12H20O2	054845-28-2	42
5		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	42



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083220.D
Acq On : 23 Nov 2015 23:06
Operator : UM/IZ
Sample : G4426-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4

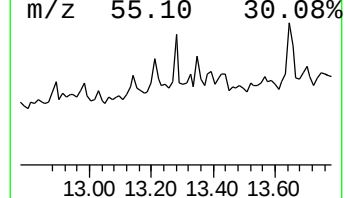
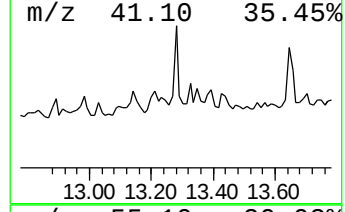
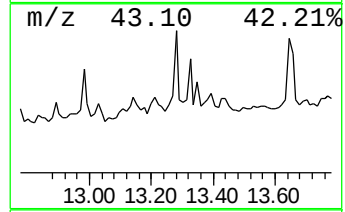
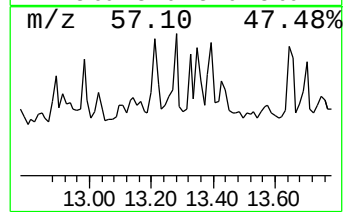
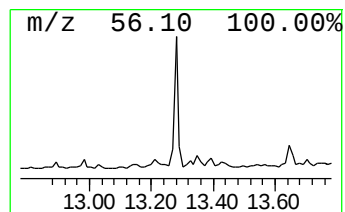
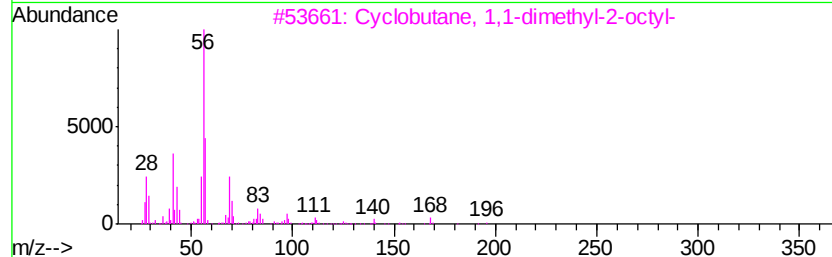
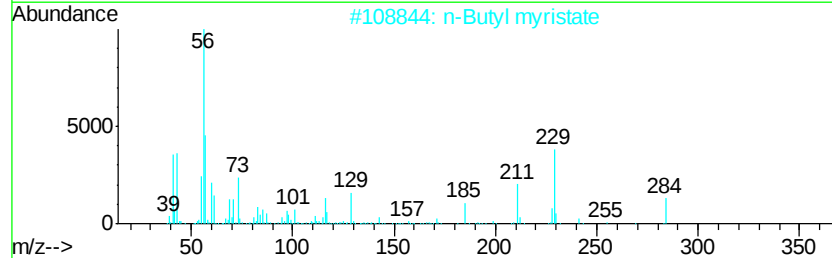
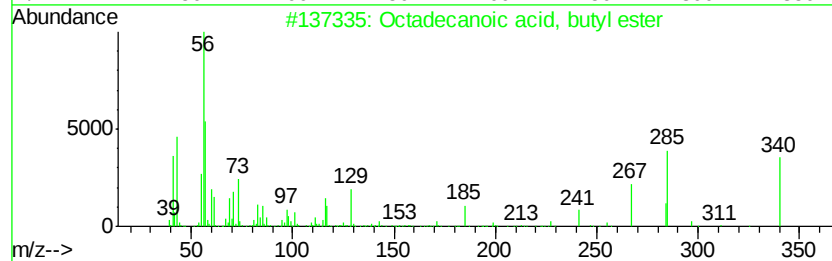
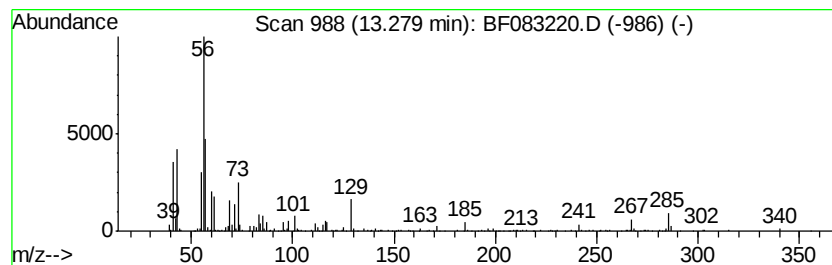
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octadecanoic acid, butyl ester Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	4.65 ng	291083	Chrysene-d12	13.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	78
2		n-Butyl myristate	284	C18H36O2	000110-36-1	72
3		Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	43
4		1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	38
5		4-Propylcyclohexylamine	141	C9H19N	102653-37-2	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083220.D
Acq On : 23 Nov 2015 23:06
Operator : UM/IZ
Sample : G4426-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

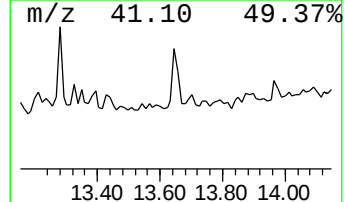
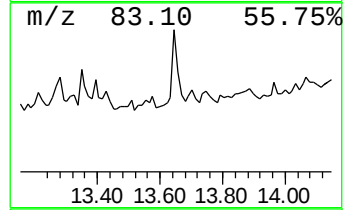
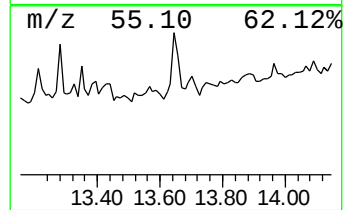
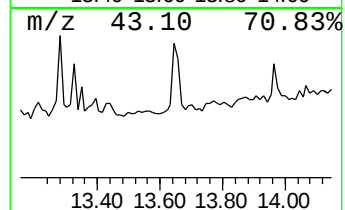
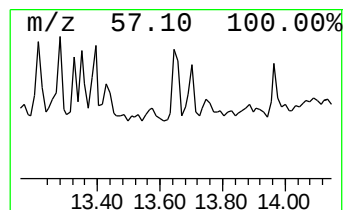
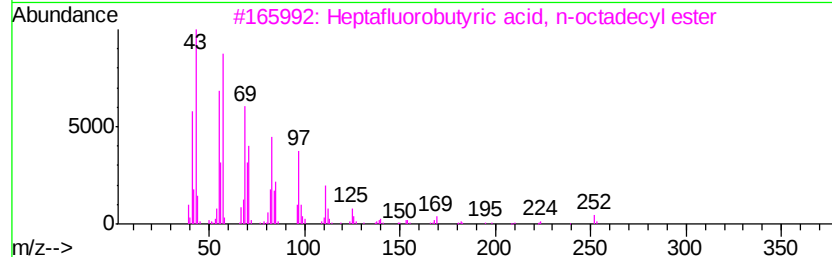
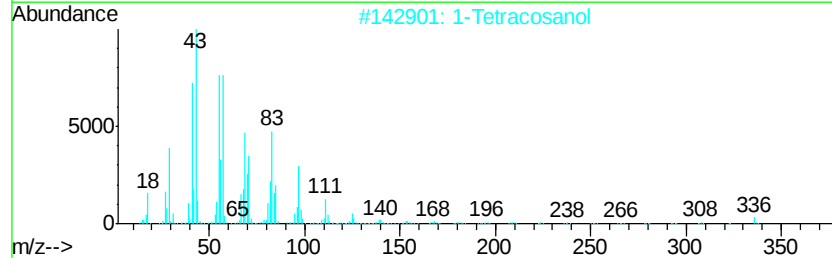
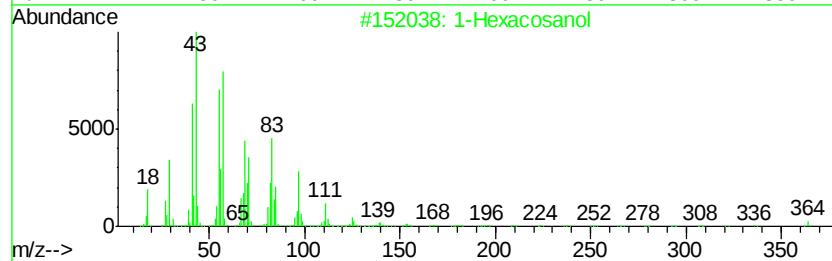
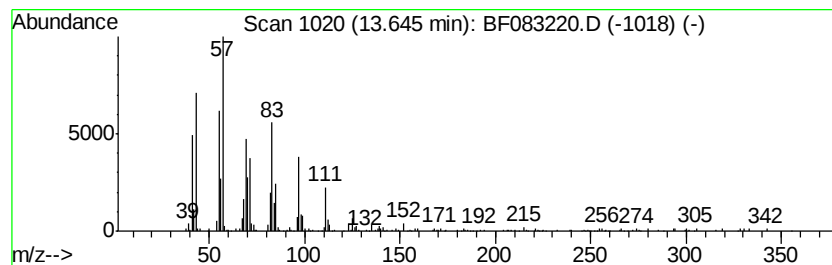
Instrument :
BNA_F
ClientSampleId :
SB-4

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1-Hexacosanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	4.35 ng	272416	Chrysene-d12	13.78
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Hexacosanol	382 C26H54O	000506-52-5	87
2	1-Tetracosanol	354 C24H50O	000506-51-4	87
3	Heptafluorobutyric acid, n-octad...	466 C22H37F7O2	000400-57-7	86
4	17-Pentatriacontene	491 C35H70	006971-40-0	86
5	3-Eicosene, (E)-	280 C20H40	074685-33-9	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
Data File : BF083220.D
Acq On : 23 Nov 2015 23:06
Operator : UM/IZ
Sample : G4426-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

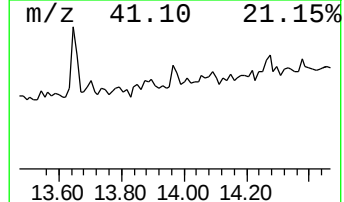
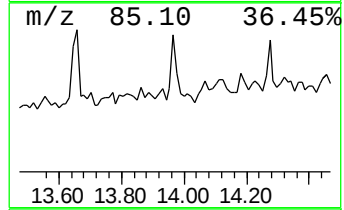
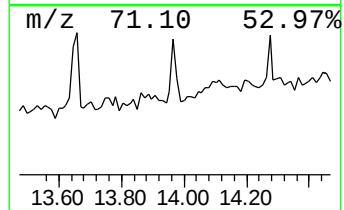
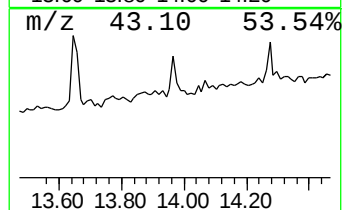
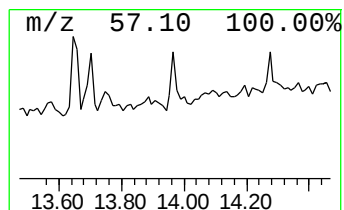
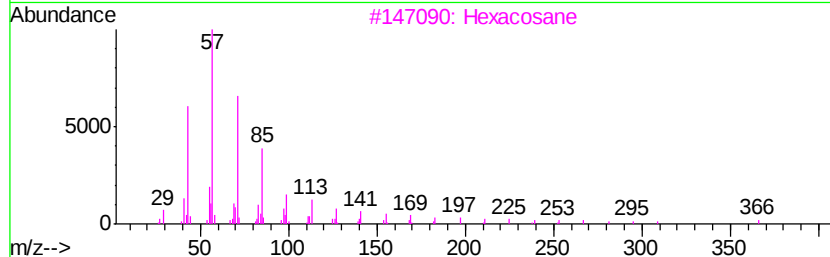
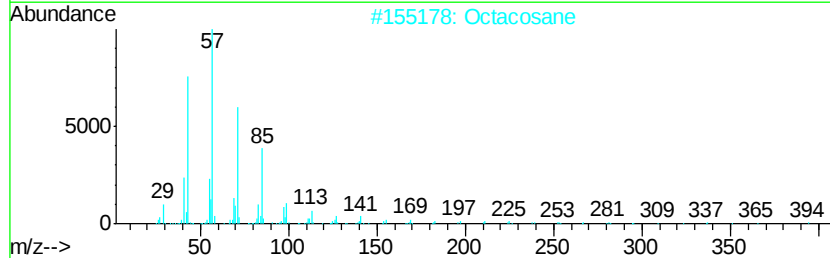
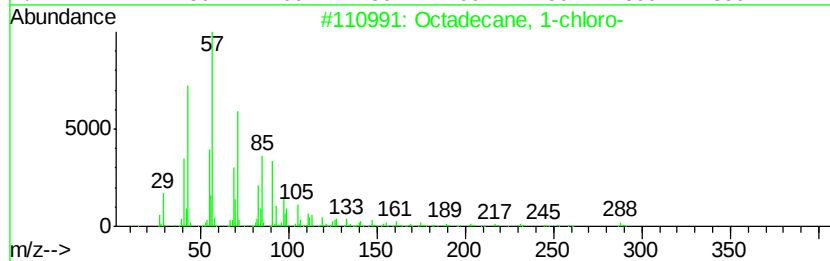
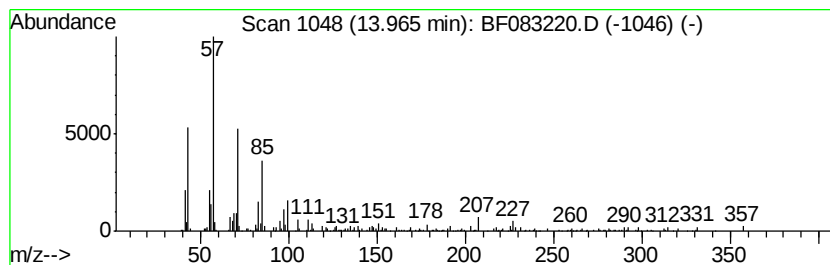
Instrument :
BNA_F
ClientSampleId :
SB-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecane, 1-chloro- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	2.98 ng	186535	Chrysene-d12	13.78
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecane, 1-chloro-	288 C18H37Cl	003386-33-2	83
2	Octacosane	394 C28H58	000630-02-4	80
3	Hexacosane	366 C26H54	000630-01-3	80
4	Pentacosane	352 C25H52	000629-99-2	80
5	Hexadecane, 2,6,10,14-tetramethyl-	282 C20H42	000638-36-8	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112315\
 Data File : BF083220.D
 Acq On : 23 Nov 2015 23:06
 Operator : UM/IZ
 Sample : G4426-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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...	4.80	58.8	ng	3826210	1	6.64	1302030	20.0
unknown6.42	6.42	102.0	ng	6640330	1	6.64	1302030	20.0
Hexanoic acid, 2-...	7.37	2.8	ng	242261	2	7.93	1743900	20.0
Dodecane, 2-methy...	10.12	3.0	ng	289122	3	9.68	1907330	20.0
Tridecane	10.59	5.4	ng	462490	4	11.15	1703000	20.0
Hexadecane	11.04	2.5	ng	211432	4	11.15	1703000	20.0
Phenanthrene, 1-m...	11.66	3.5	ng	302582	4	11.15	1703000	20.0
n-Hexadecanoic acid	11.71	12.5	ng	1060820	4	11.15	1703000	20.0
Z-9-Pentadecenol	12.41	12.3	ng	1046810	4	11.15	1703000	20.0
Octadecanoic acid	12.49	10.2	ng	636841	5	13.78	1251820	20.0
unknown12.54	12.54	2.8	ng	173864	5	13.78	1251820	20.0
Hexadecanoic acid...	12.58	9.7	ng	604312	5	13.78	1251820	20.0
Tridecane, 1-iodo-	12.63	3.1	ng	197008	5	13.78	1251820	20.0
Cyclohexane, 1-br...	12.89	4.4	ng	275907	5	13.78	1251820	20.0
Isoxazole, 3,5-di...	13.21	3.5	ng	216404	5	13.78	1251820	20.0
Octadecanoic acid...	13.28	4.7	ng	291083	5	13.78	1251820	20.0
1-Hexacosanol	13.65	4.3	ng	272416	5	13.78	1251820	20.0
Octadecane, 1-chl...	13.97	3.0	ng	186535	5	13.78	1251820	20.0