

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
 Data File : BF083253.D
 Acq On : 24 Nov 2015 23:08
 Operator : UM/IZ
 Sample : G4493-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-CONC-01

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-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	2.936	80	83	89	rVB	37513	86560	1.21%	0.110%
2	4.021	175	178	185	rBV	1106413	1862985	26.10%	2.376%
3	4.170	189	191	193	rVB	54393	78015	1.09%	0.100%
4	4.353	205	207	216	rVB2	72195	135155	1.89%	0.172%
5	4.753	239	242	257	rVB	1486315	2394534	33.54%	3.054%
6	5.210	280	282	285	rBV	3638705	5056192	70.83%	6.449%
7	6.273	373	375	378	rBV	3386732	5119843	71.72%	6.530%
8	6.387	382	385	387	rBV	5866720	5907500	82.76%	7.535%
9	6.479	392	393	400	rVV	65669	138500	1.94%	0.177%
10	6.605	402	404	407	rVV	974185	1116358	15.64%	1.424%
11	6.707	410	413	415	rVV	5774162	7084950	99.25%	9.036%
12	6.765	416	418	434	rVB2	4372375	6031560	84.49%	7.693%
13	7.073	439	445	447	rBV2	76163	260863	3.65%	0.333%
14	7.119	447	449	452	rVB	57042	78242	1.10%	0.100%
15	7.176	452	454	457	rBV	2583620	3807256	53.33%	4.856%
16	7.382	464	472	474	rBV	407018	1182554	16.57%	1.508%
17	7.473	478	480	481	rVV	95616	128380	1.80%	0.164%
18	7.542	484	486	489	rVV	1333205	1210663	16.96%	1.544%
19	7.805	493	509	512	rVV	1509316	7138417	100.00%	9.105%
20	7.896	515	517	520	rVV	1659709	1821706	25.52%	2.323%
21	8.045	524	530	533	rVV5	85204	315664	4.42%	0.403%
22	8.102	533	535	543	rVB2	51339	151442	2.12%	0.193%
23	8.296	550	552	556	rVB2	57630	105820	1.48%	0.135%
24	8.410	556	562	565	rVB2	126956	339462	4.76%	0.433%
25	8.536	569	573	575	rBV3	56455	121442	1.70%	0.155%
26	8.605	577	579	583	rBV2	102756	203371	2.85%	0.259%
27	8.673	583	585	588	rBV	1758219	1692624	23.71%	2.159%
28	8.845	598	600	609	rBV	128143	173377	2.43%	0.221%
29	8.982	609	612	614	rBV	6389008	6450957	90.37%	8.228%
30	9.645	667	670	673	rBV	1784452	1678311	23.51%	2.141%
31	10.433	736	739	742	rBV	4099731	4348329	60.91%	5.546%
32	10.639	754	757	765	rBV2	210124	333530	4.67%	0.425%
33	11.119	797	799	802	rBV	1926608	1724097	24.15%	2.199%
34	11.679	845	848	852	rBV2	177561	243477	3.41%	0.311%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083253.D
Acq On : 24 Nov 2015 23:08
Operator : UM/IZ
Sample : G4493-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-CONC-01

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	12.457	914	916	922	rBV	292335	341106	4.78%	0.435%
36	12.708	935	938	941	rBV	5117099	6899906	96.66%	8.800%
37	13.748	1026	1029	1031	rBV	1647506	1606503	22.51%	2.049%
38	15.108	1145	1148	1151	rBV	712994	1034693	14.49%	1.320%

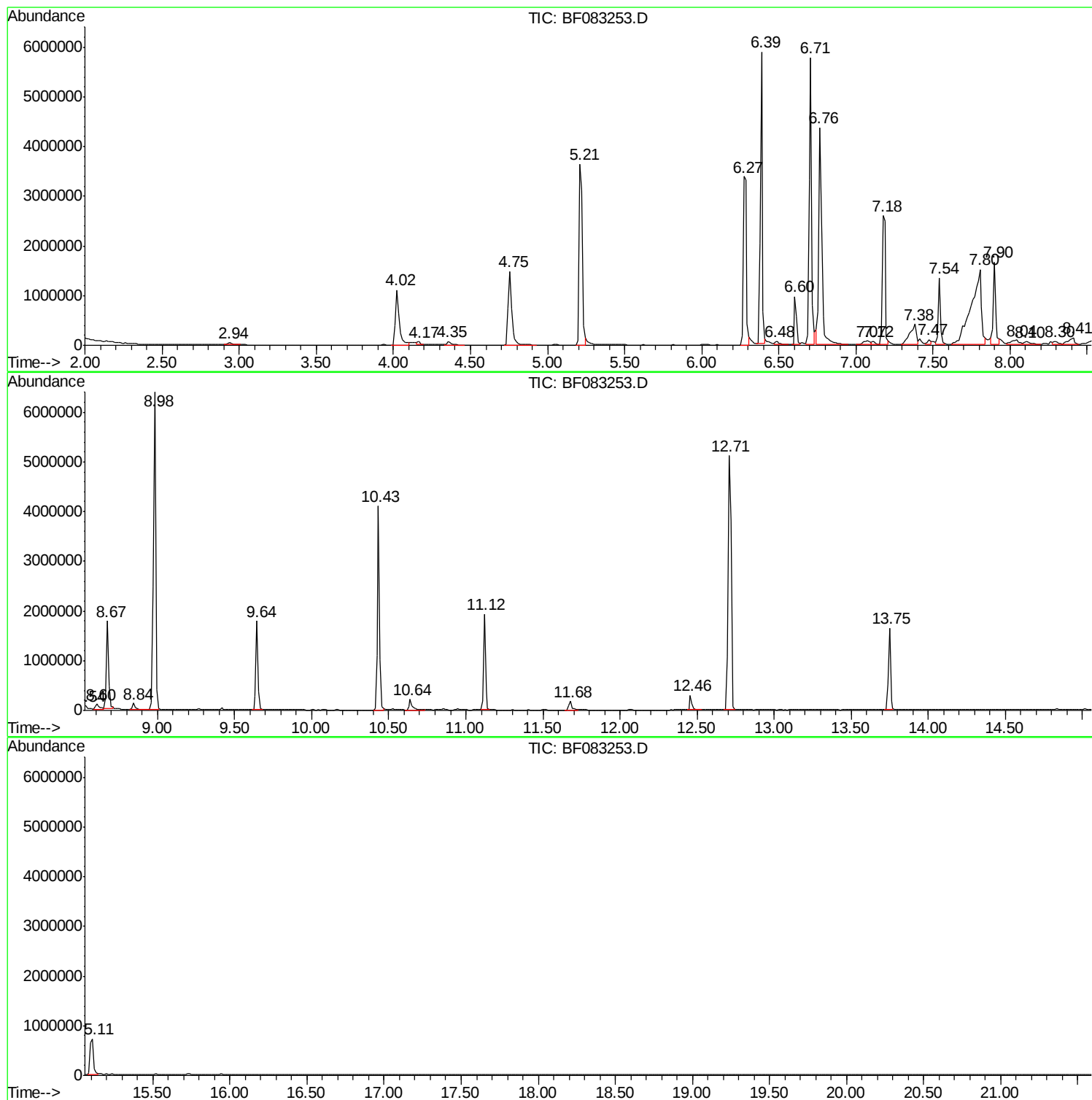
Sum of corrected areas: 78404344

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083253.D
Acq On : 24 Nov 2015 23:08
Operator : UM/IZ
Sample : G4493-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-CONC-01

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\BF112415\
Data File : BF083253.D
Acq On : 24 Nov 2015 23:08
Operator : UM/IZ
Sample : G4493-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-CONC-01

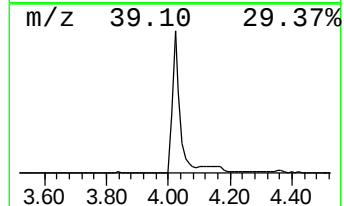
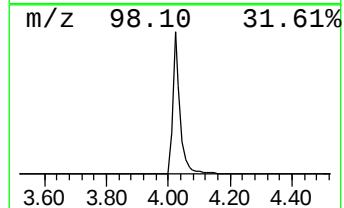
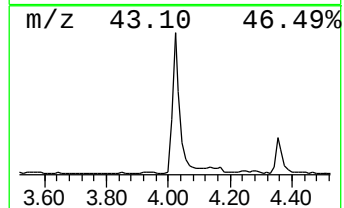
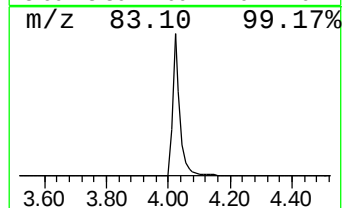
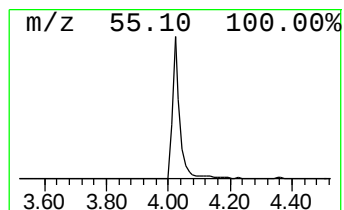
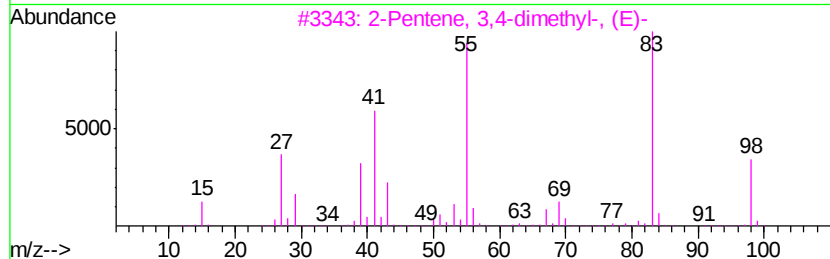
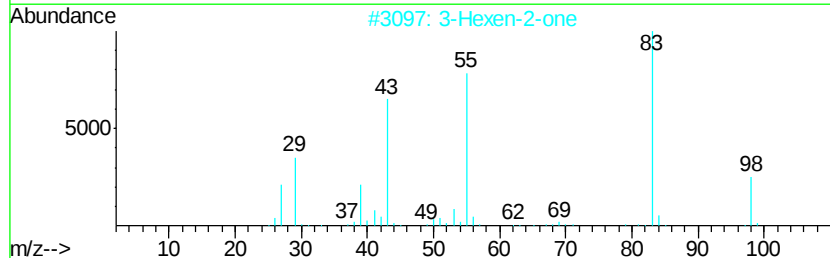
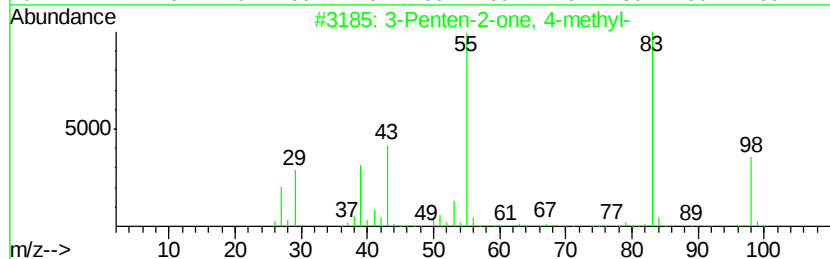
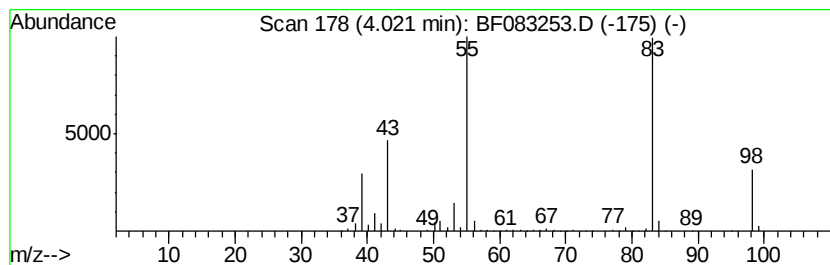
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	33.38 ng	1862990	1,4-Dichlorobenzene-d4	6.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2		3-Hexen-2-one	98	C6H10O	000763-93-9	91
3		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4		2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5		2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083253.D
Acq On : 24 Nov 2015 23:08
Operator : UM/IZ
Sample : G4493-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-CONC-01

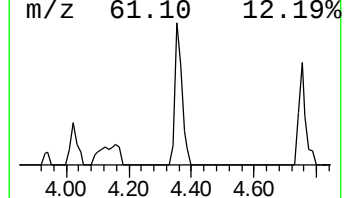
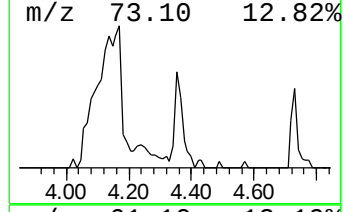
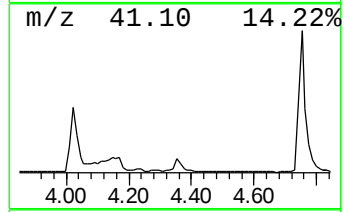
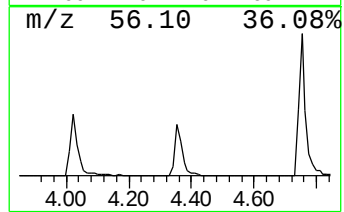
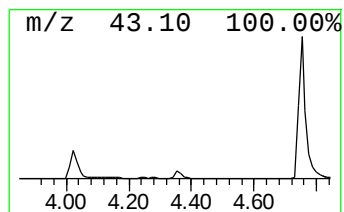
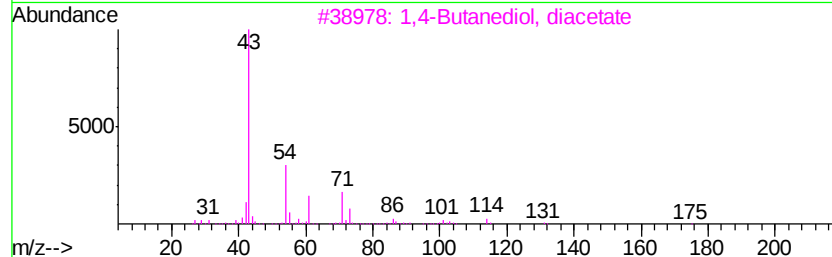
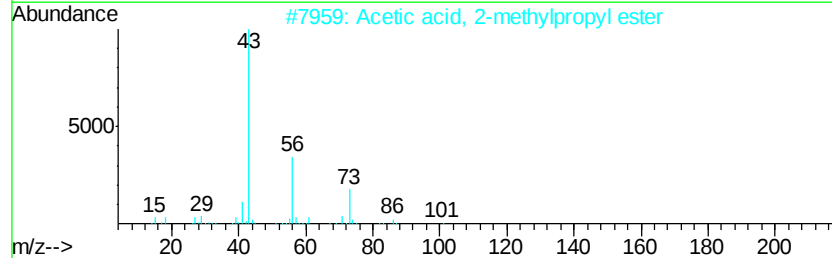
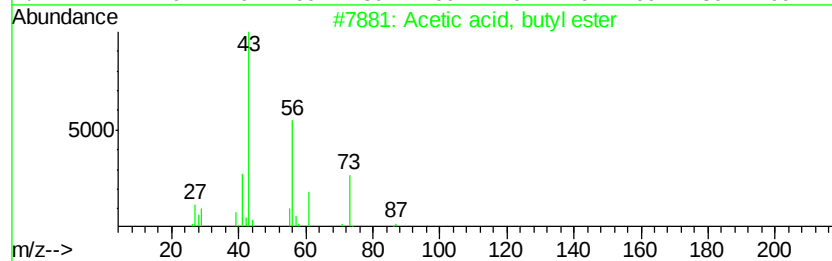
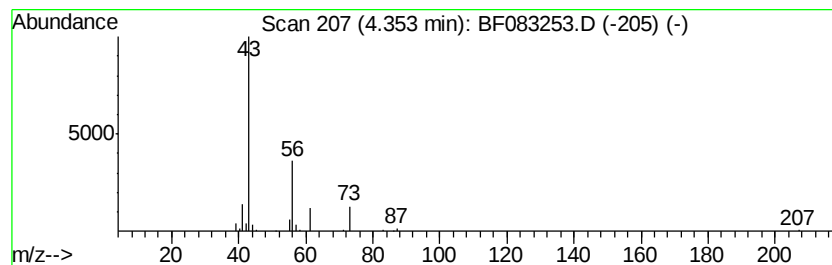
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Acetic acid, butyl ester Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.35	2.42 ng	135155	1,4-Dichlorobenzene-d4	6.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid, butyl ester	116	C6H12O2	000123-86-4	64
2		Acetic acid, 2-methylpropyl ester	116	C6H12O2	000110-19-0	50
3		1,4-Butanediol, diacetate	174	C8H14O4	000628-67-1	28
4		1-Butanol, 4-chloro-, acetate	150	C6H11ClO2	006962-92-1	25
5		Isobutylamine	73	C4H11N	000078-81-9	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083253.D
Acq On : 24 Nov 2015 23:08
Operator : UM/IZ
Sample : G4493-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-CONC-01

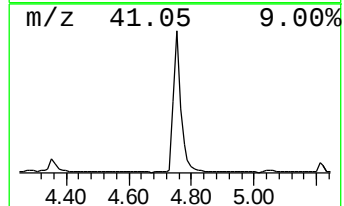
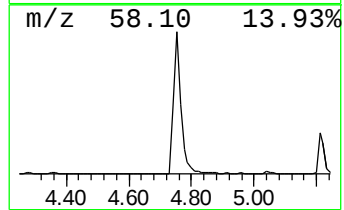
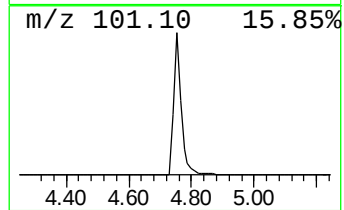
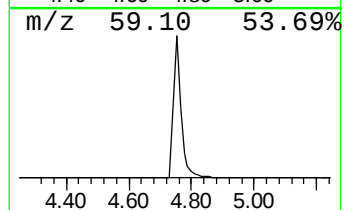
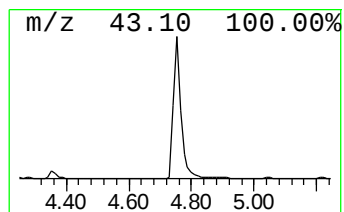
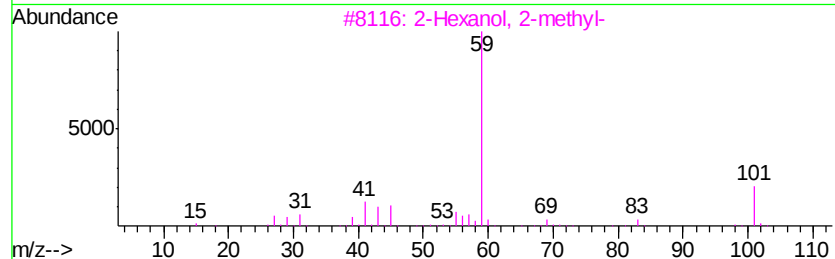
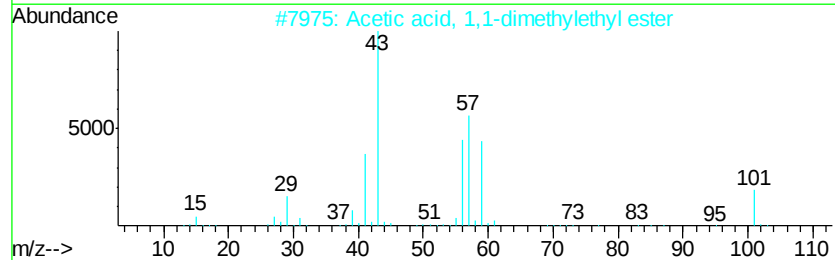
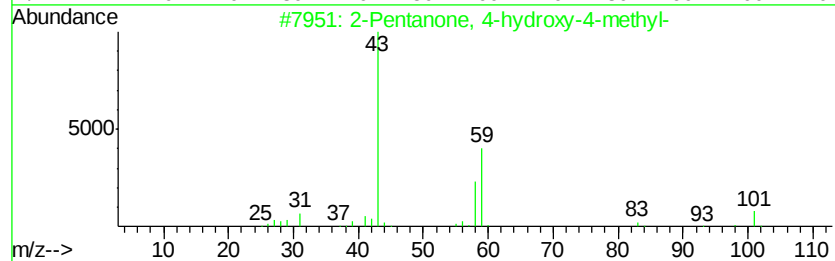
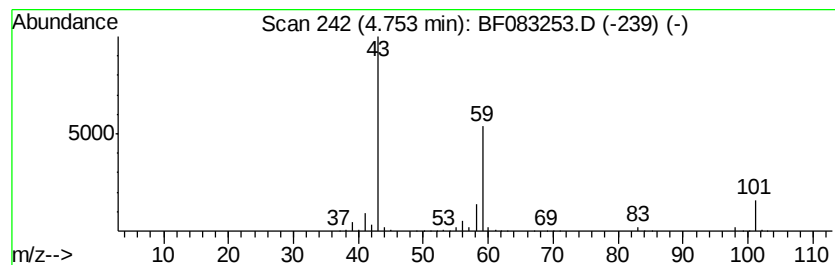
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.75	42.90 ng	2394530	1,4-Dichlorobenzene-d4	6.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083253.D
Acq On : 24 Nov 2015 23:08
Operator : UM/IZ
Sample : G4493-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-CONC-01

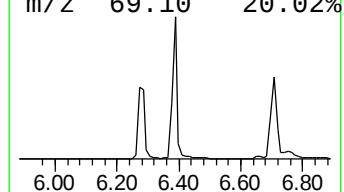
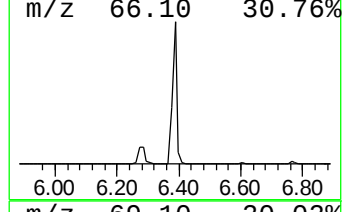
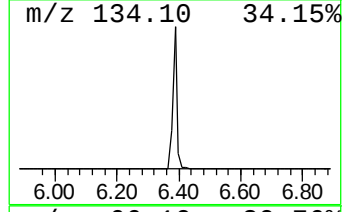
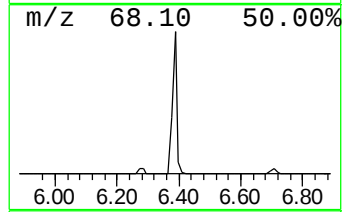
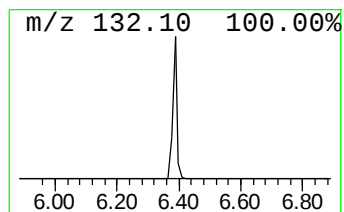
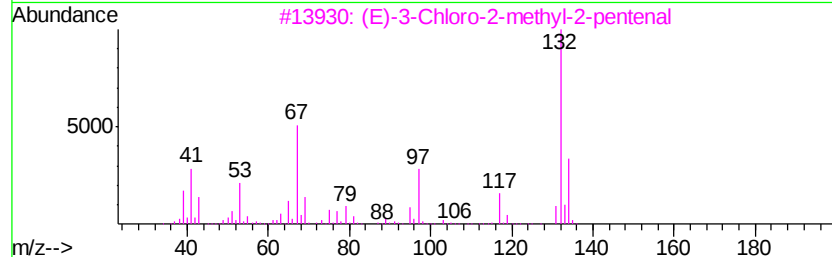
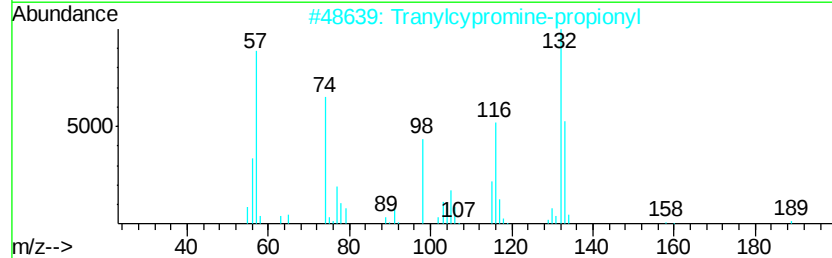
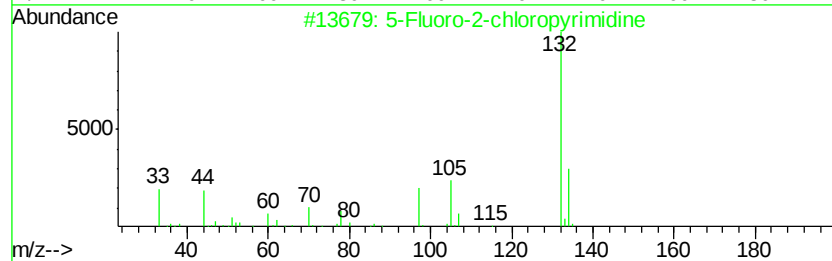
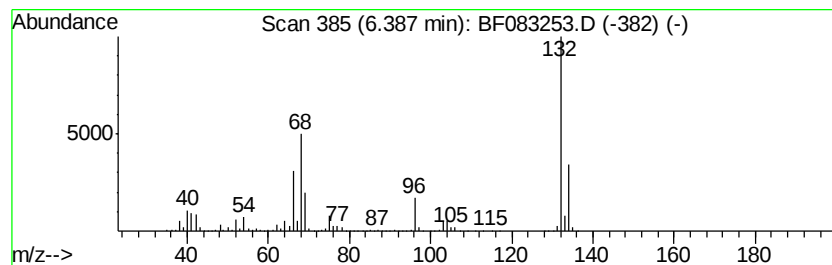
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown6.39 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	105.84 ng	5907500	1,4-Dichlorobenzene-d4	6.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083253.D
Acq On : 24 Nov 2015 23:08
Operator : UM/IZ
Sample : G4493-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-CONC-01

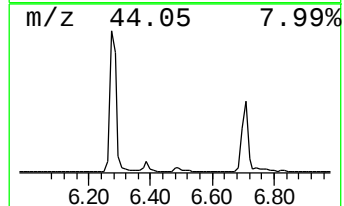
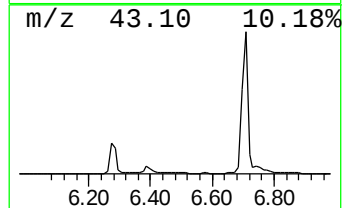
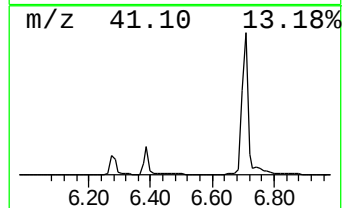
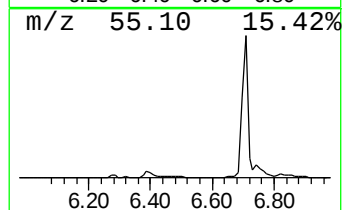
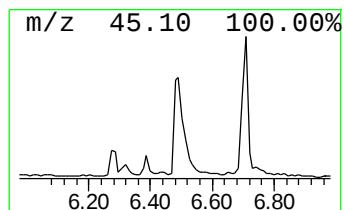
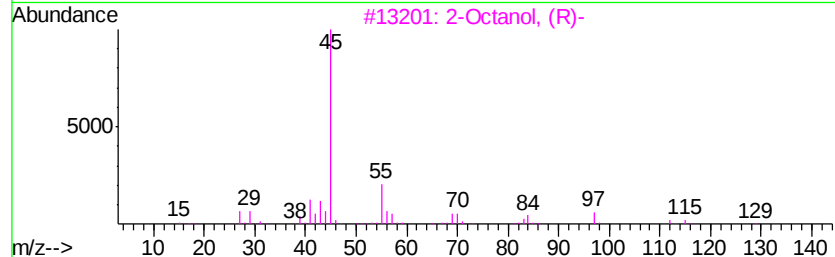
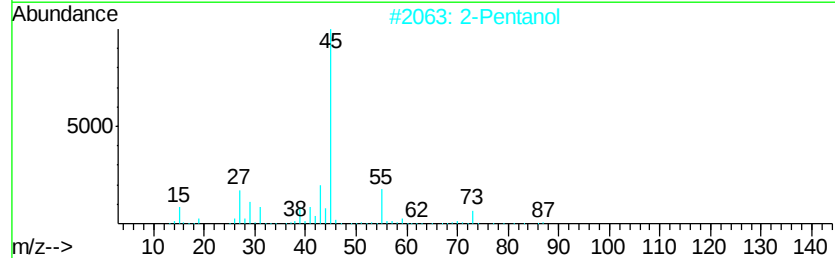
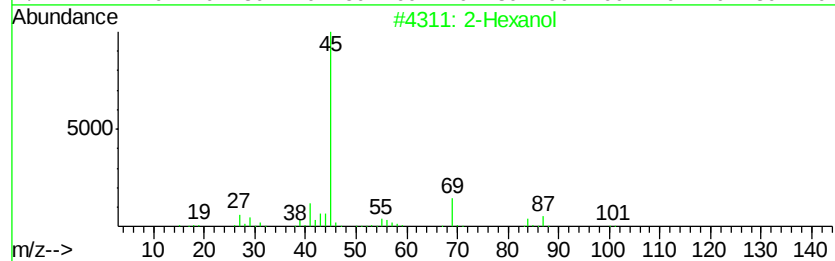
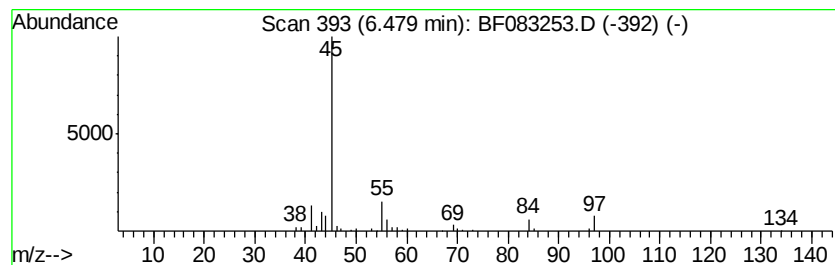
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2-Hexanol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	2.48 ng	138500	1,4-Dichlorobenzene-d4	6.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol		102	C6H14O	000626-93-7	56
2	2-Pentanol		88	C5H12O	006032-29-7	45
3	2-Octanol, (R)-		130	C8H18O	005978-70-1	40
4	2-Octanol, (S)-		130	C8H18O	006169-06-8	40
5	2-Pentanol, 4-methyl-		102	C6H14O	000108-11-2	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083253.D
Acq On : 24 Nov 2015 23:08
Operator : UM/IZ
Sample : G4493-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-CONC-01

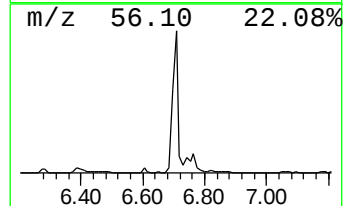
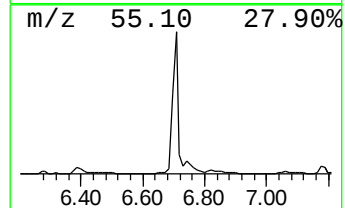
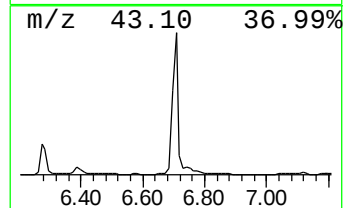
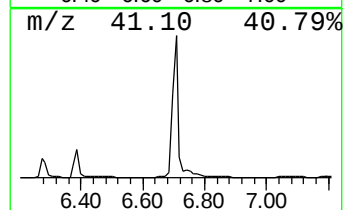
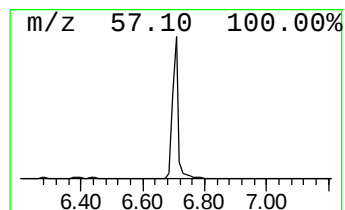
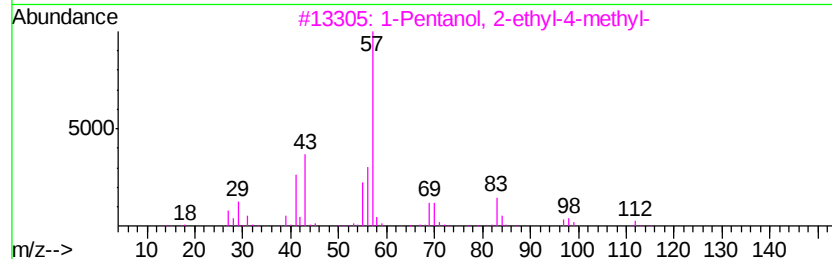
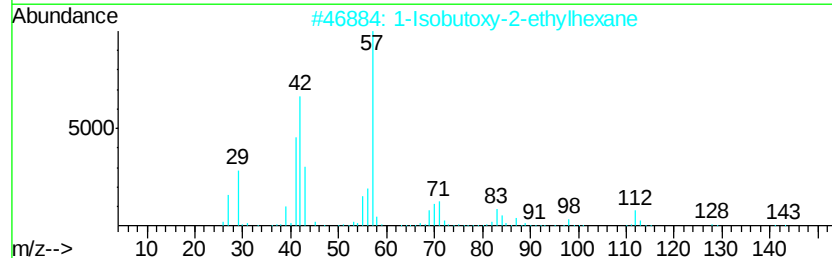
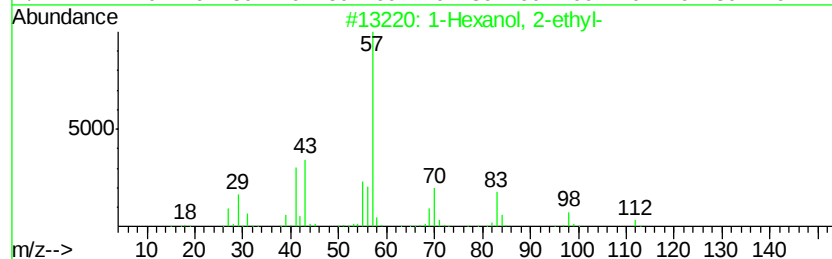
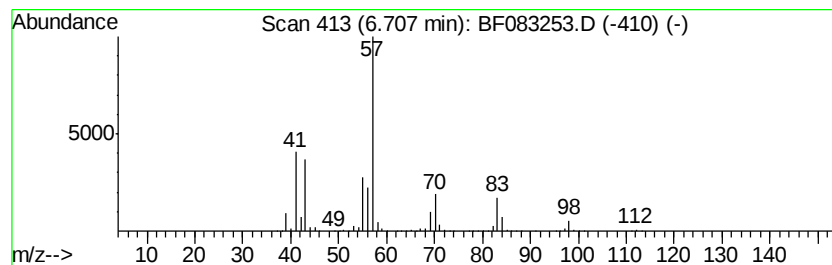
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	126.93 ng	7084950	1,4-Dichlorobenzene-d4	6.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2		1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	64
3		1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	50
4		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50
5		2-Propyl-1-pentanol	130	C8H18O	058175-57-8	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083253.D
Acq On : 24 Nov 2015 23:08
Operator : UM/IZ
Sample : G4493-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-CONC-01

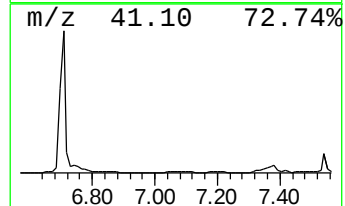
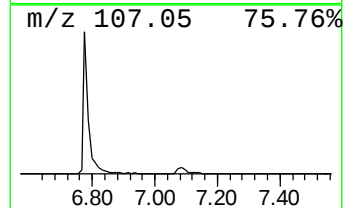
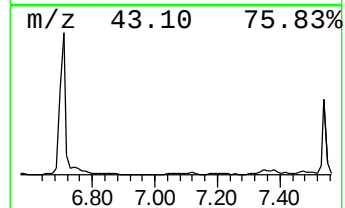
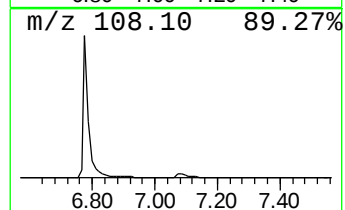
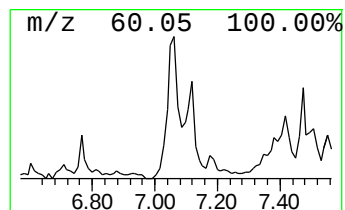
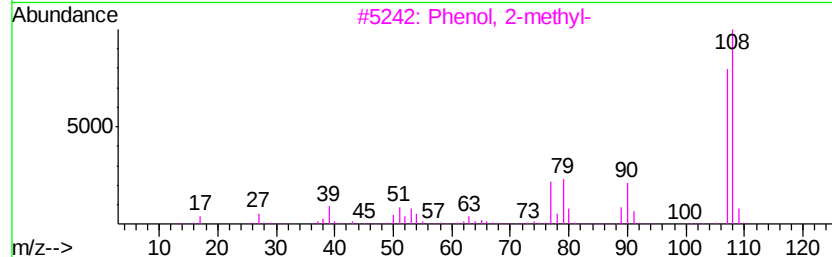
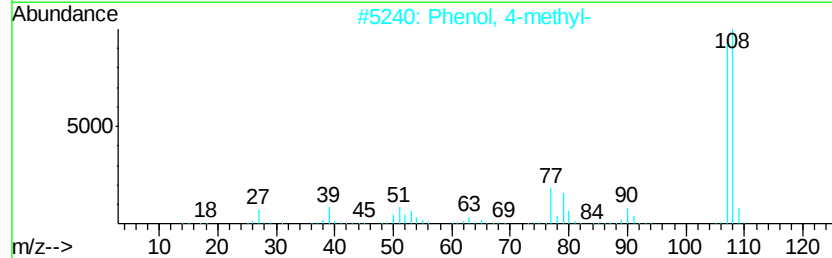
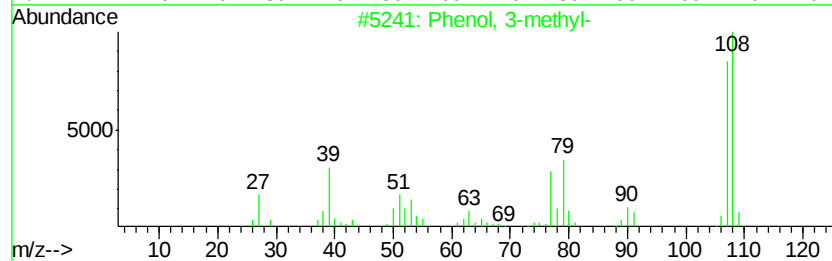
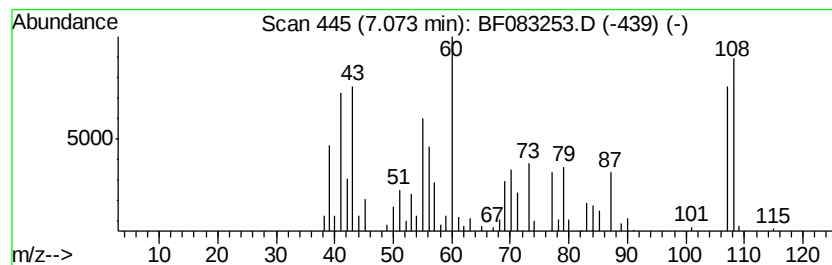
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenol, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	4.67 ng	260863	1,4-Dichlorobenzene-d4	6.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 3-methyl-	108	C7H8O	000108-39-4	86
2		Phenol, 4-methyl-	108	C7H8O	000106-44-5	64
3		Phenol, 2-methyl-	108	C7H8O	000095-48-7	59
4		Pyrrolidine, 2-(cyanomethylene)-	108	C6H8N2	1000197-01-1	35
5		Pyridine-3-carbonitrile, 1,4,5,6...	108	C6H8N2	007492-87-7	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083253.D
Acq On : 24 Nov 2015 23:08
Operator : UM/IZ
Sample : G4493-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

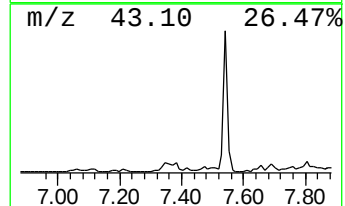
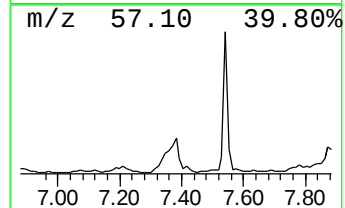
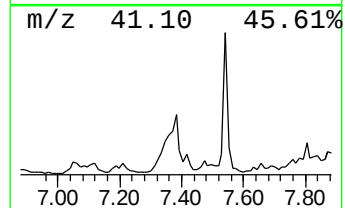
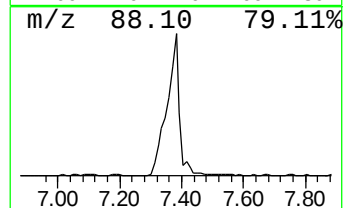
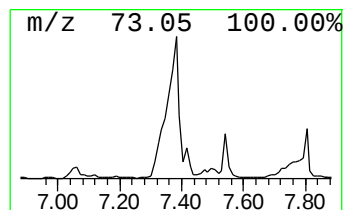
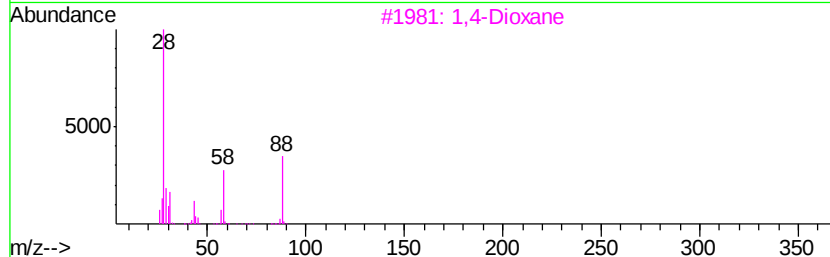
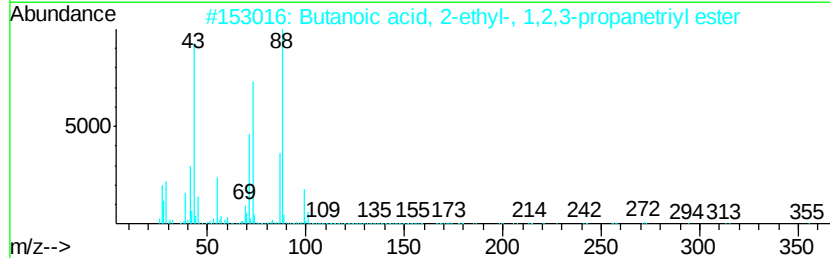
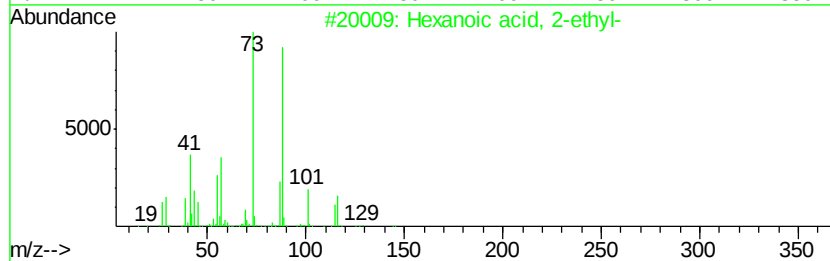
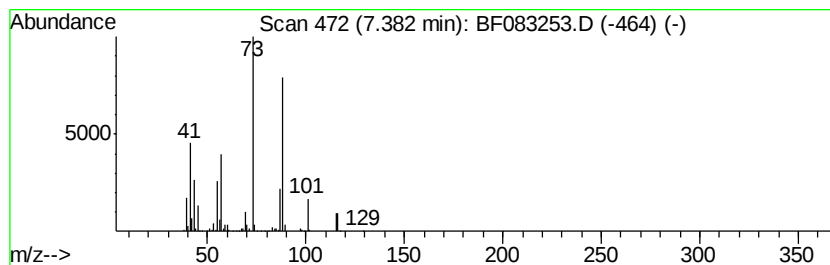
Instrument :
BNA_F
ClientSampleId :
WC-CONC-01

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 Hexanoic acid, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
7.38	12.98 ng	1182550	Naphthalene-d8	7.90		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	80	
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	59	
3	1,4-Dioxane	88	C4H8O2	000123-91-1	43	
4	Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	38	
5	Octanoic acid, 2-methyl-, methyl...	172	C10H20O2	002177-86-8	37	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083253.D
Acq On : 24 Nov 2015 23:08
Operator : UM/IZ
Sample : G4493-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-CONC-01

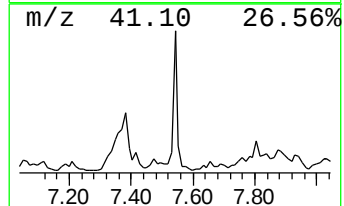
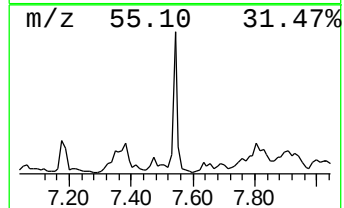
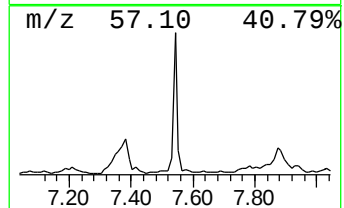
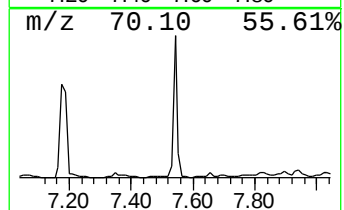
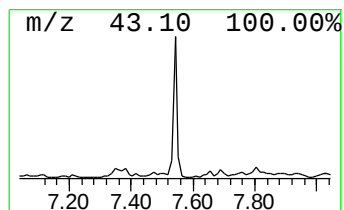
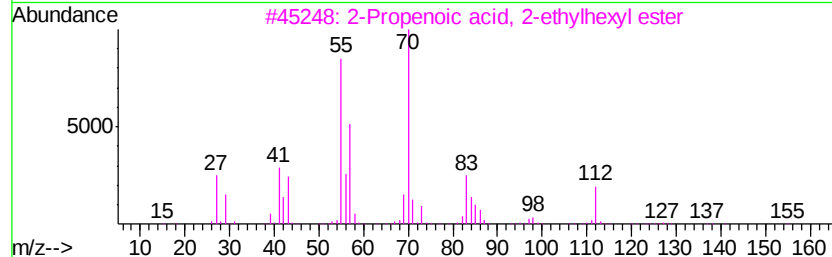
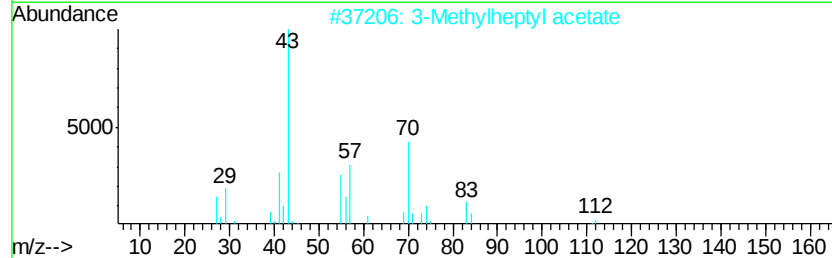
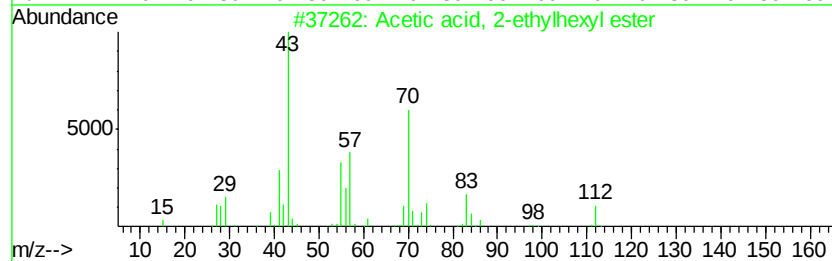
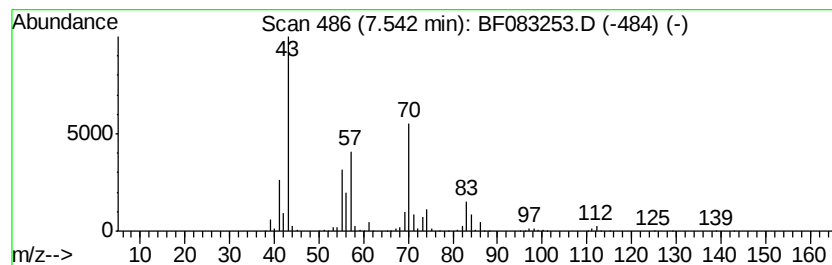
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Acetic acid, 2-ethylhexyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	13.29 ng	1210660	Naphthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid, 2-ethylhexyl ester	172	C10H20O2	000103-09-3	90
2		3-Methylheptyl acetate	172	C10H20O2	072218-58-7	90
3		2-Propenoic acid, 2-ethylhexyl e...	184	C11H20O2	000103-11-7	59
4		Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	52
5		1-Heptene, 5-methyl-	112	C8H16	013151-04-7	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083253.D
Acq On : 24 Nov 2015 23:08
Operator : UM/IZ
Sample : G4493-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-CONC-01

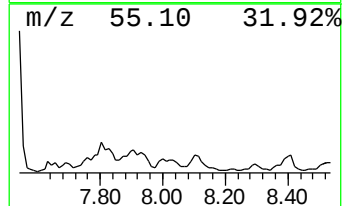
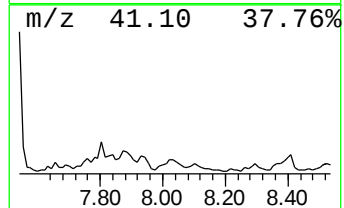
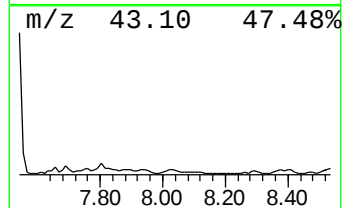
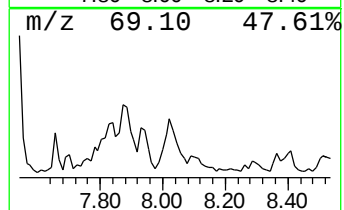
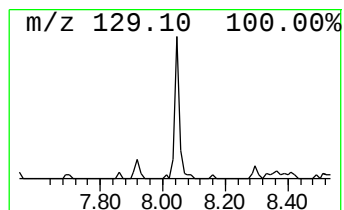
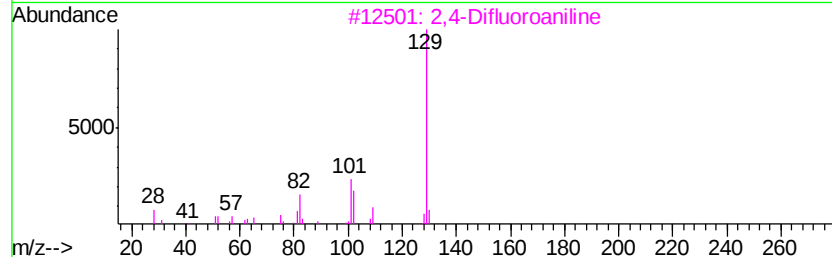
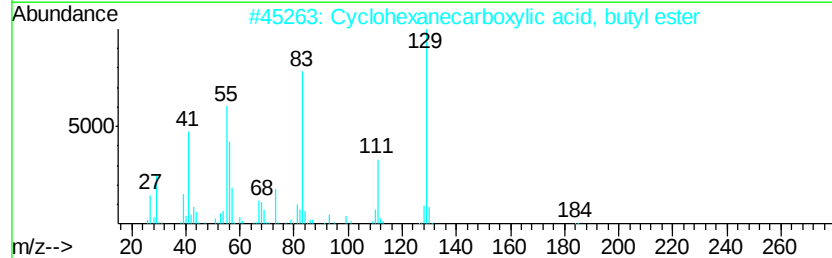
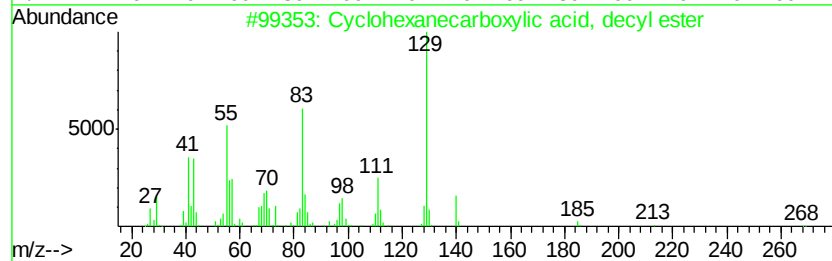
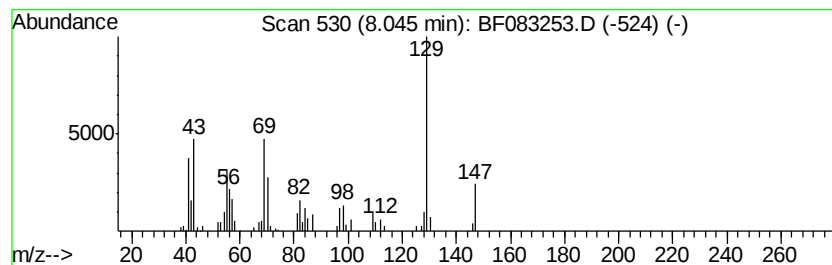
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclohexanecarboxylic acid,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	3.47 ng	315664	Naphthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanecarboxylic acid, decy...	268	C17H32O2	093479-48-2	59
2		Cyclohexanecarboxylic acid, buty...	184	C11H20O2	006553-81-7	43
3		2,4-Difluoroaniline	129	C6H5F2N	000367-25-9	43
4		3,5-Difluoroaniline	129	C6H5F2N	000372-39-4	38
5		Cyclohexanecarboxylic acid, octy...	240	C15H28O2	089611-20-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083253.D
Acq On : 24 Nov 2015 23:08
Operator : UM/IZ
Sample : G4493-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-CONC-01

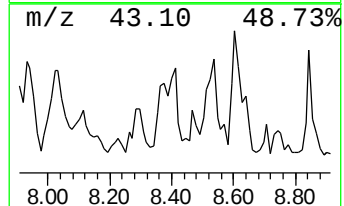
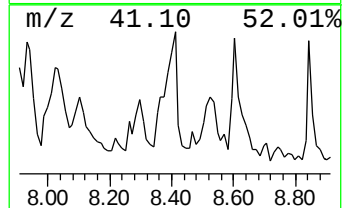
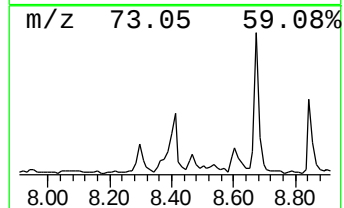
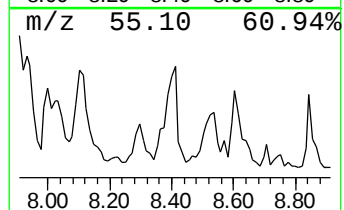
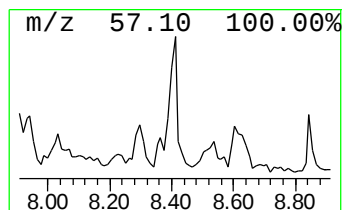
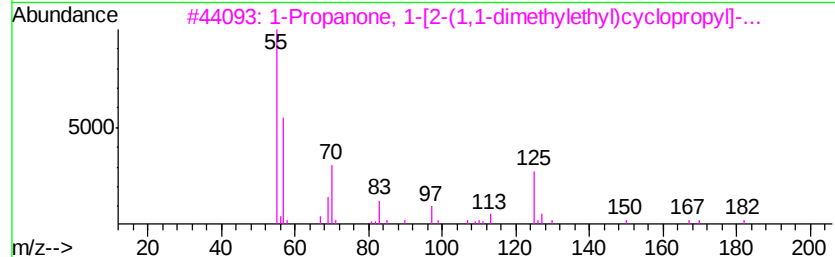
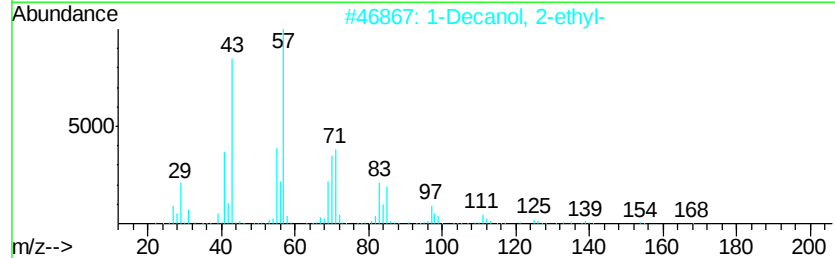
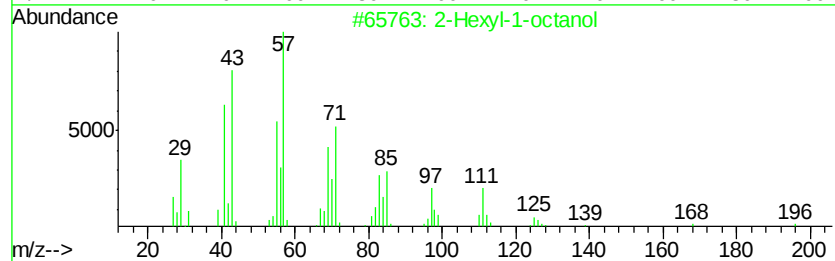
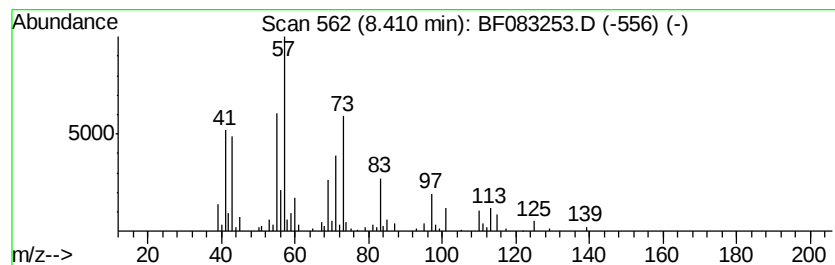
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown8.41 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	3.73 ng	339462	Napthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hexyl-1-octanol	214	C14H30O	019780-79-1	40
2		1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	38
3		1-Propanone, 1-[2-(1,1-dimethyle...	182	C12H22O	035606-02-1	32
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	27
5		Tridecane, 7-methyl-	198	C14H30	026730-14-3	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083253.D
Acq On : 24 Nov 2015 23:08
Operator : UM/IZ
Sample : G4493-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-CONC-01

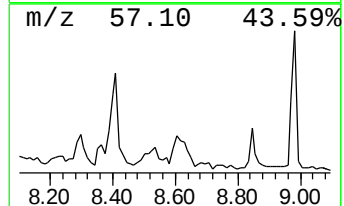
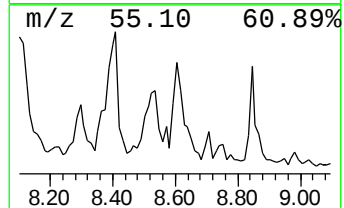
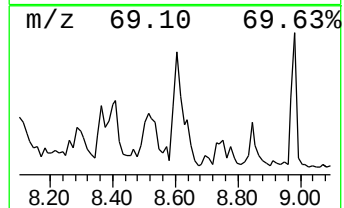
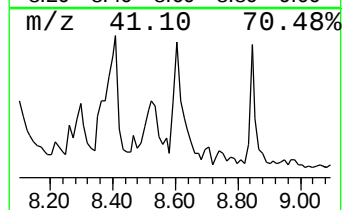
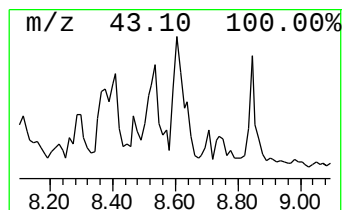
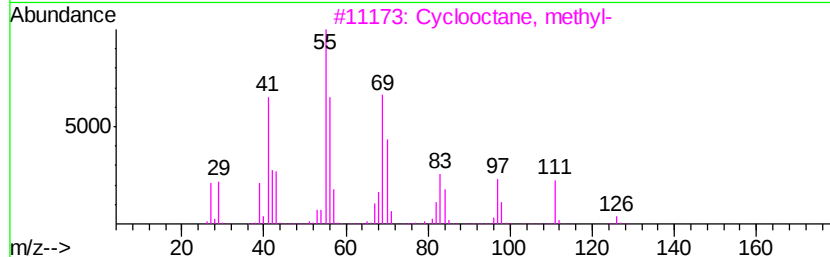
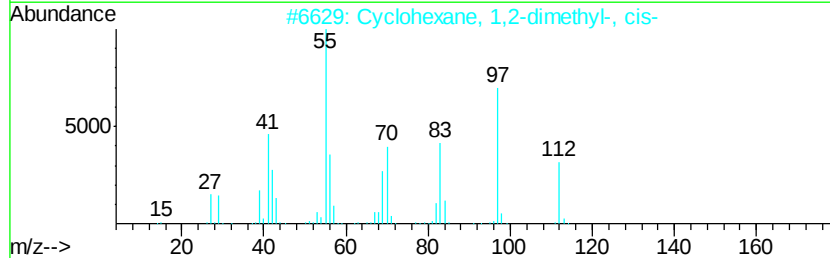
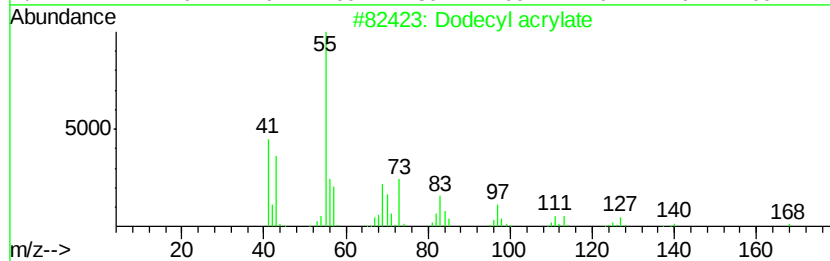
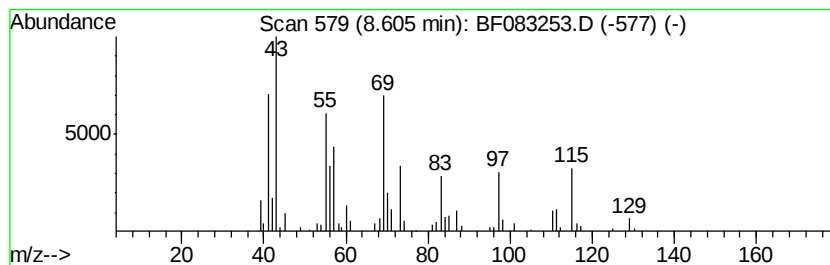
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown8.60 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	2.23 ng	203371	Naphthalene-d8	7.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecyl acrylate	240	C15H28O2	002156-97-0	38
2		Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	30
3		Cyclooctane, methyl-	126	C9H18	001502-38-1	27
4		3-Chloropropionic acid, hexadecy...	332	C19H37ClO2	053312-70-2	27
5		Cyclopropane, nonyl-	168	C12H24	074663-85-7	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083253.D
Acq On : 24 Nov 2015 23:08
Operator : UM/IZ
Sample : G4493-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-CONC-01

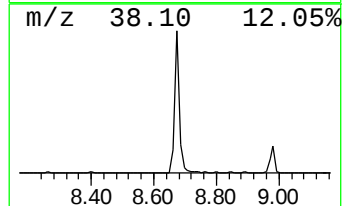
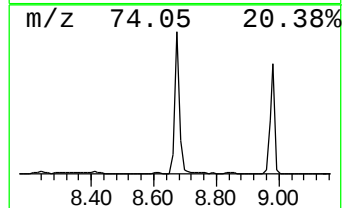
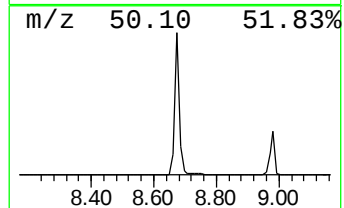
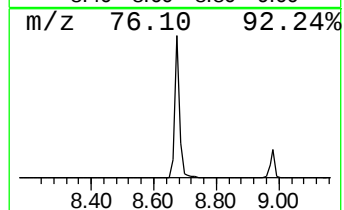
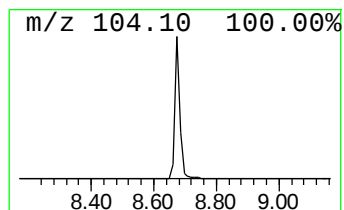
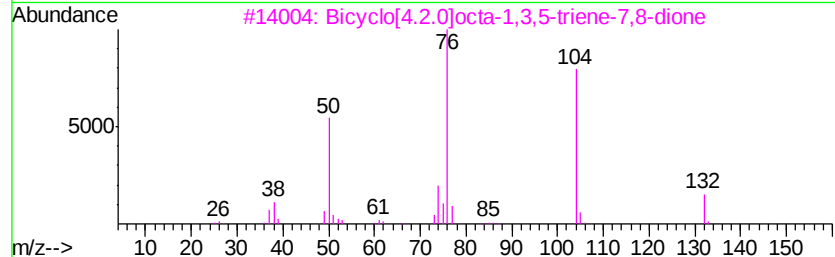
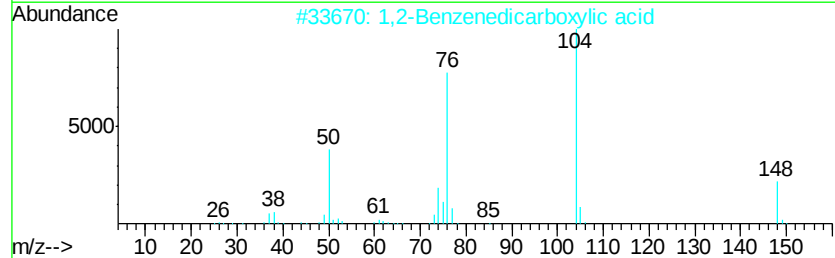
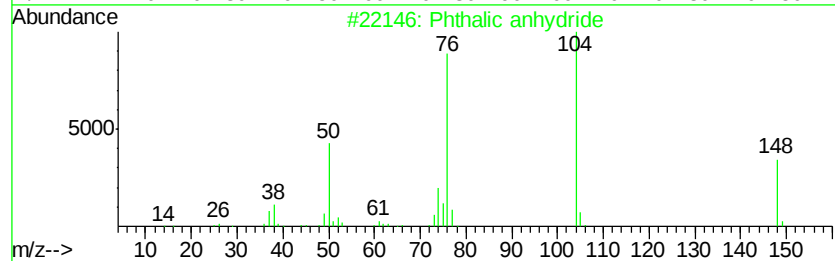
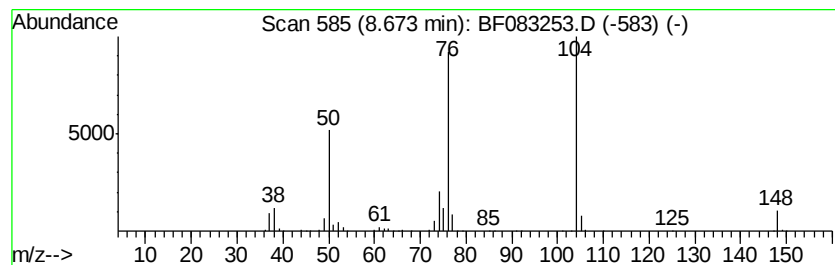
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phthalic anhydride Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	18.58 ng	1692620	Naphthalene-d8	7.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phthalic anhydride	148	C8H4O3	000085-44-9	97
2			1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	91
3			Bicyclo[4.2.0]octa-1,3,5-triene...	132	C8H4O2	006383-11-5	91
4			Phthalic acid, monoethyl ester	194	C10H10O4	002306-33-4	83
5			1,2-Benzenedicarboxylic acid, mo...	180	C9H8O4	004376-18-5	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083253.D
Acq On : 24 Nov 2015 23:08
Operator : UM/IZ
Sample : G4493-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-CONC-01

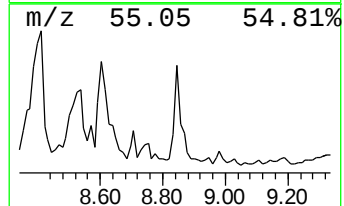
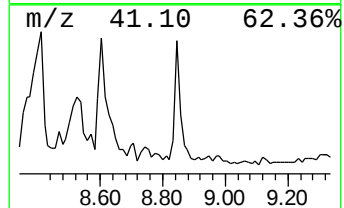
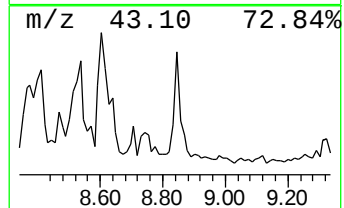
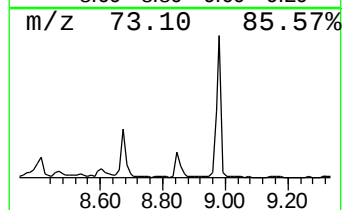
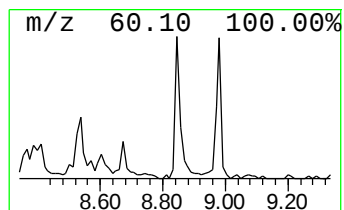
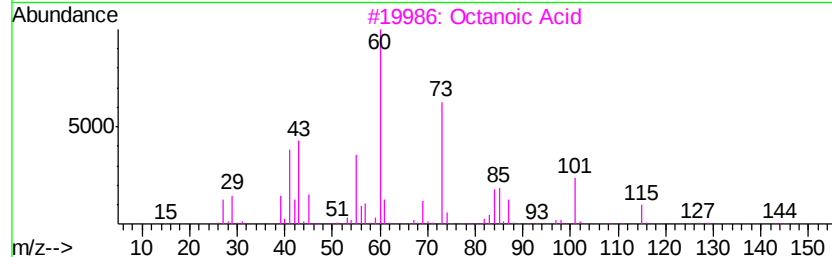
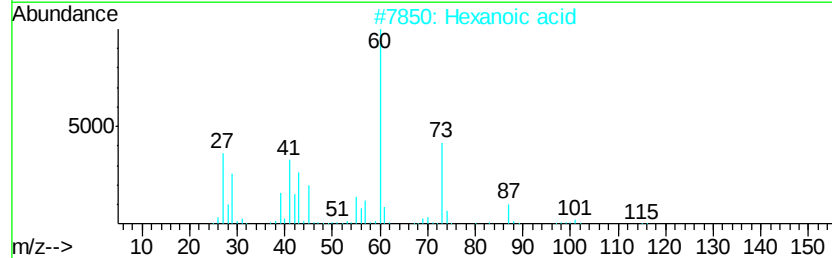
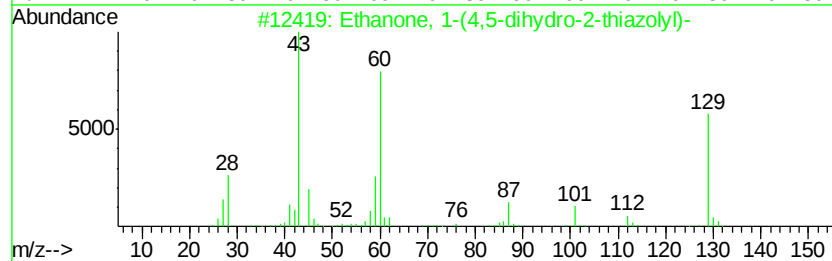
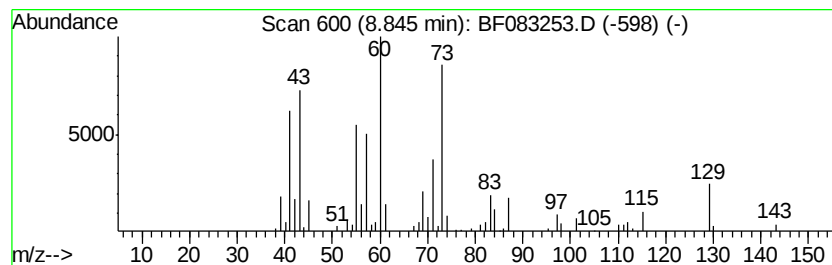
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown8.84 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	2.07 ng	173377	Acenaphthene-d10	9.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	47
2		Hexanoic acid	116	C6H12O2	000142-62-1	47
3		Octanoic Acid	144	C8H16O2	000124-07-2	47
4		Xylose	150	C5H10O5	000058-86-6	43
5		D-Galactose, 6-deoxy-	164	C6H12O5	003615-37-0	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083253.D
Acq On : 24 Nov 2015 23:08
Operator : UM/IZ
Sample : G4493-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

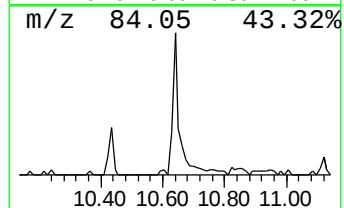
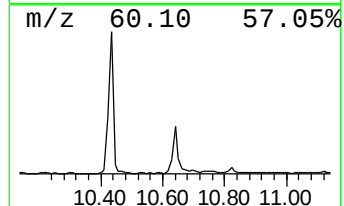
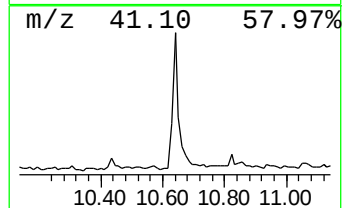
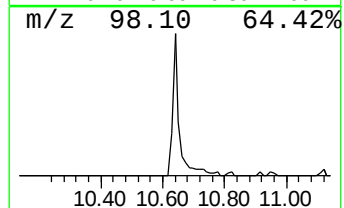
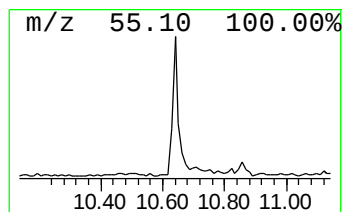
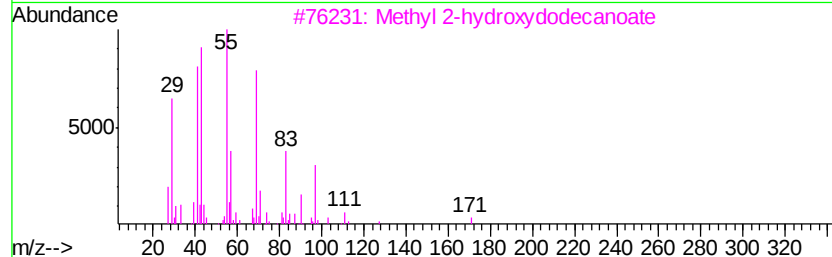
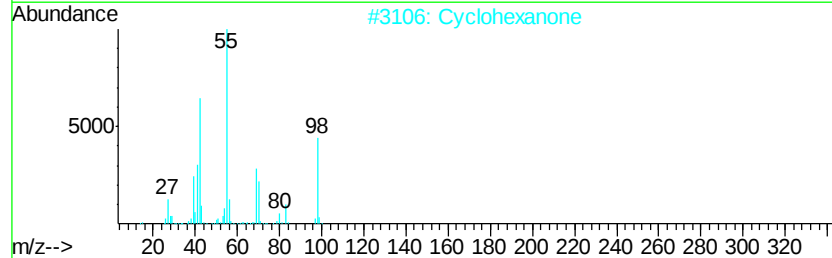
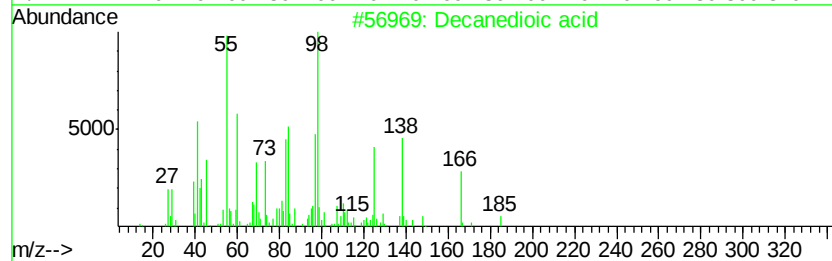
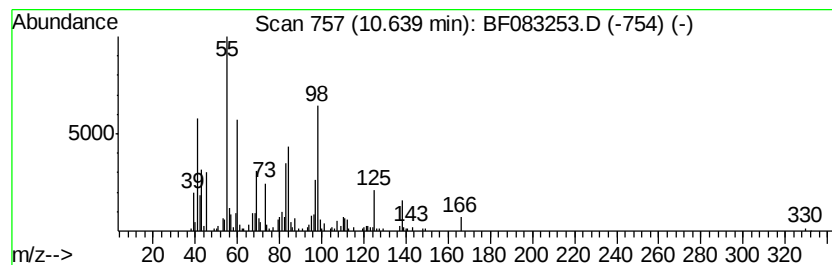
Instrument :
BNA_F
ClientSampleId :
WC-CONC-01

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 Decanedioic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.64	3.87 ng	333530	Phenanthrene-d10	11.12	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanedioic acid	202	C10H18O4	000111-20-6	91
2	Cyclohexanone	98	C6H10O	000108-94-1	18
3	Methyl 2-hydroxydodecanoate	230	C13H26O3	051067-85-7	14
4	1-Propanone, 1-(2-methyl-4-propo...	289	C18H27NO2	158176-68-2	14
5	2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083253.D
Acq On : 24 Nov 2015 23:08
Operator : UM/IZ
Sample : G4493-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

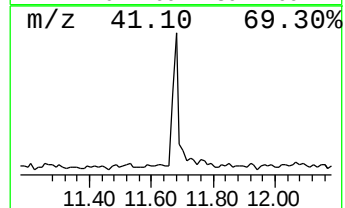
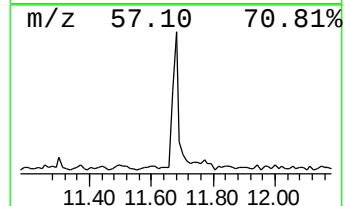
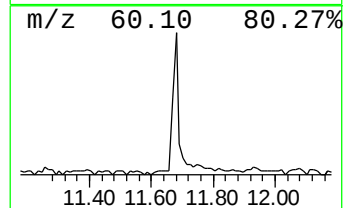
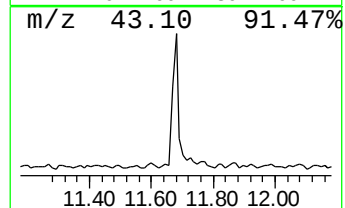
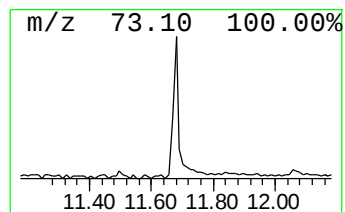
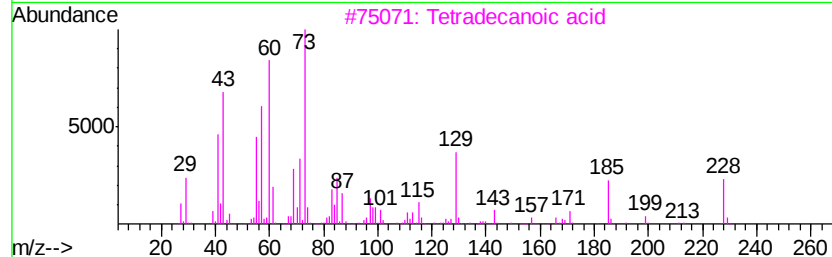
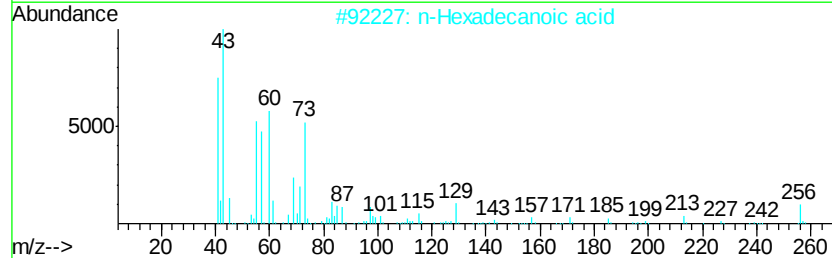
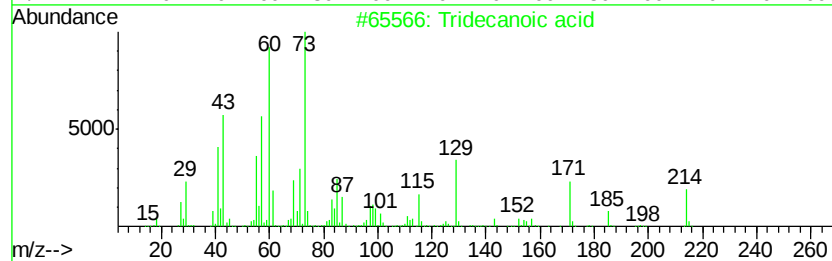
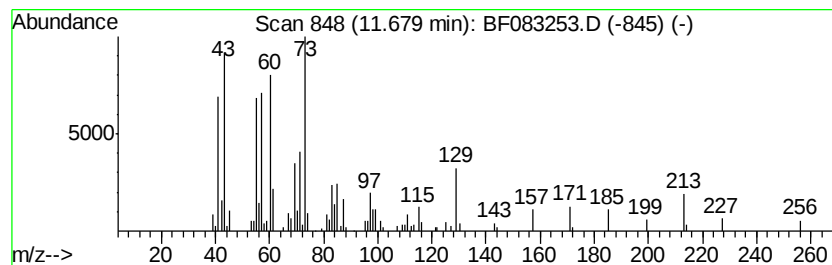
Instrument :
BNA_F
ClientSampleId :
WC-CONC-01

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 Tridecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.68	2.82 ng	243477	Phenanthrene-d10		11.12
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	91
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Hexadecane	226	C16H34	000544-76-3	11
5	Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083253.D
Acq On : 24 Nov 2015 23:08
Operator : UM/IZ
Sample : G4493-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

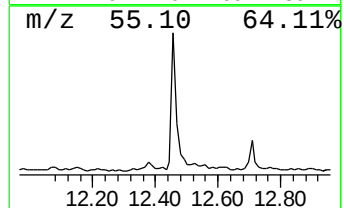
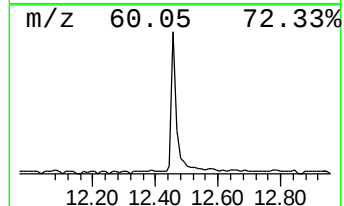
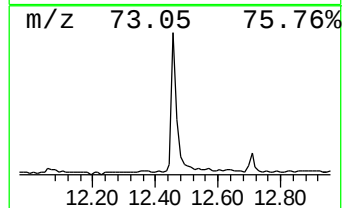
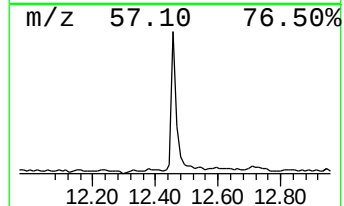
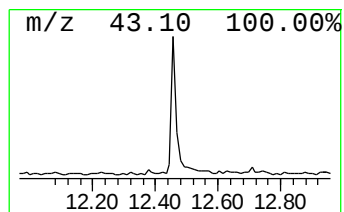
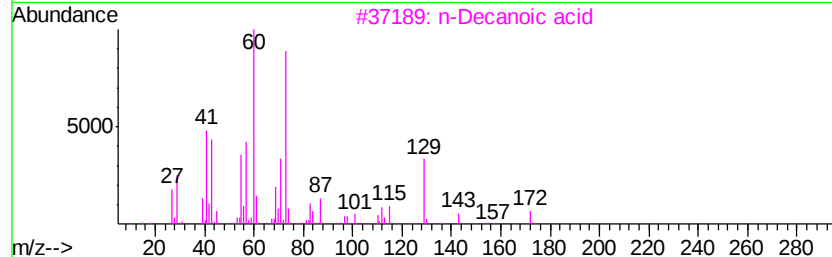
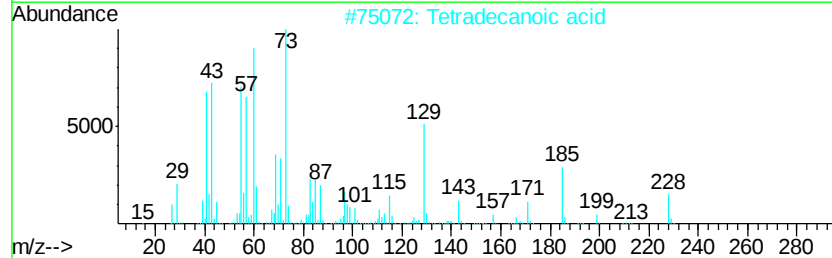
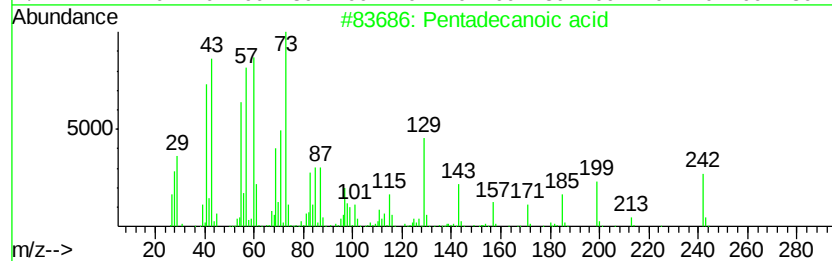
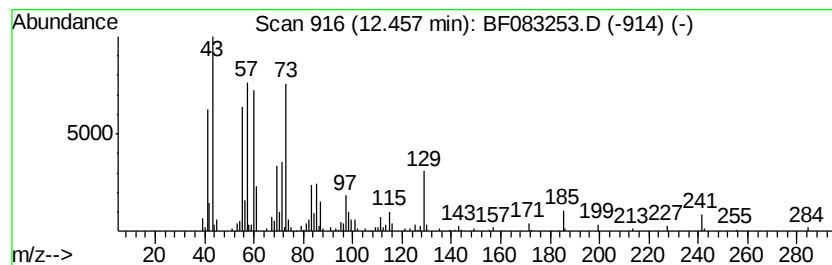
Instrument :
BNA_F
ClientSampleId :
WC-CONC-01

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 Pentadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.46	4.25 ng	341106	Chrysene-d12		13.75	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3		n-Decanoic acid	172	C10H20O2	000334-48-5	58
4		Tridecanoic acid	214	C13H26O2	000638-53-9	50
5		Lactose	342	C12H22O11	000063-42-3	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
 Data File : BF083253.D
 Acq On : 24 Nov 2015 23:08
 Operator : UM/IZ
 Sample : G4493-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-CONC-01

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
3-Penten-2-one, 4...	4.02	33.4	ng	1862990	1	6.60	1116360	20.0
Acetic acid, buty...	4.35	2.4	ng	135155	1	6.60	1116360	20.0
2-Pentanone, 4-hy...	4.75	42.9	ng	2394530	1	6.60	1116360	20.0
unknown6.39	6.39	105.8	ng	5907500	1	6.60	1116360	20.0
2-Hexanol	6.48	2.5	ng	138500	1	6.60	1116360	20.0
1-Hexanol, 2-ethyl-	6.71	126.9	ng	7084950	1	6.60	1116360	20.0
Phenol, 3-methyl-	7.07	4.7	ng	260863	1	6.60	1116360	20.0
Hexanoic acid, 2-...	7.38	13.0	ng	1182550	2	7.90	1821710	20.0
Acetic acid, 2-et...	7.54	13.3	ng	1210660	2	7.90	1821710	20.0
Cyclohexanecarbox...	8.04	3.5	ng	315664	2	7.90	1821710	20.0
unknown8.41	8.41	3.7	ng	339462	2	7.90	1821710	20.0
unknown8.60	8.60	2.2	ng	203371	2	7.90	1821710	20.0
Phthalic anhydride	8.67	18.6	ng	1692620	2	7.90	1821710	20.0
unknown8.84	8.84	2.1	ng	173377	3	9.64	1678310	20.0
Decanedioic acid	10.64	3.9	ng	333530	4	11.12	1724100	20.0
Tridecanoic acid	11.68	2.8	ng	243477	4	11.12	1724100	20.0
Pentadecanoic acid	12.46	4.3	ng	341106	5	13.75	1606500	20.0