

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
 Data File : BF091656.D
 Acq On : 16 Dec 2016 5:38
 Operator : UM/SJ
 Sample : H6011-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

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-BF120916.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	4.944	247	250	254	rBV	427331	576155	8.50%	1.276%
2	5.379	285	288	290	rBV	2766449	2469377	36.43%	5.470%
3	6.419	376	379	382	rBV	2223535	1995427	29.44%	4.420%
4	6.556	388	391	393	rBV	5021258	5473235	80.74%	12.123%
5	6.784	409	411	413	rBV	1636065	1428353	21.07%	3.164%
6	6.944	422	425	427	rBV	4499667	4744809	70.00%	10.509%
7	7.356	457	461	463	rBV	2631435	3964115	58.48%	8.780%
8	7.539	475	477	487	rVB2	48521	111186	1.64%	0.246%
9	8.065	521	523	525	rBV	1232918	1514733	22.35%	3.355%
10	8.659	574	575	577	rBV	110111	108005	1.59%	0.239%
11	8.910	592	597	600	rVB6	25972	83243	1.23%	0.184%
12	8.990	601	604	607	rBV2	47088	121494	1.79%	0.269%
13	9.150	615	618	620	rBV	7553504	6778669	100.00%	15.014%
14	9.539	649	652	655	rBV2	113556	177676	2.62%	0.394%
15	9.825	674	677	679	rBV	2326266	2054162	30.30%	4.550%
16	9.973	688	690	693	rBV3	56373	126760	1.87%	0.281%
17	10.099	699	701	703	rBV2	49510	94029	1.39%	0.208%
18	10.179	707	708	712	rBV4	41887	88251	1.30%	0.195%
19	10.339	721	722	727	rVB2	117422	186652	2.75%	0.413%
20	10.613	743	746	748	rBV	3056375	3039029	44.83%	6.731%
21	10.739	753	757	761	rVB3	64771	169353	2.50%	0.375%
22	11.299	804	806	809	rBV2	1240337	1387165	20.46%	3.072%
23	11.848	852	854	857	rVB	131763	147952	2.18%	0.328%
24	11.974	863	865	867	rBV2	34541	85573	1.26%	0.190%
25	12.716	929	930	936	rVB	106195	161926	2.39%	0.359%
26	12.888	943	945	948	rBV	3860342	4235589	62.48%	9.382%
27	13.459	993	995	998	rBV	1072798	1053926	15.55%	2.334%
28	13.791	1022	1024	1028	rBV2	97088	117628	1.74%	0.261%
29	13.939	1034	1037	1039	rBV	1220030	1469905	21.68%	3.256%
30	15.345	1157	1160	1163	rBV	970725	1183558	17.46%	2.622%

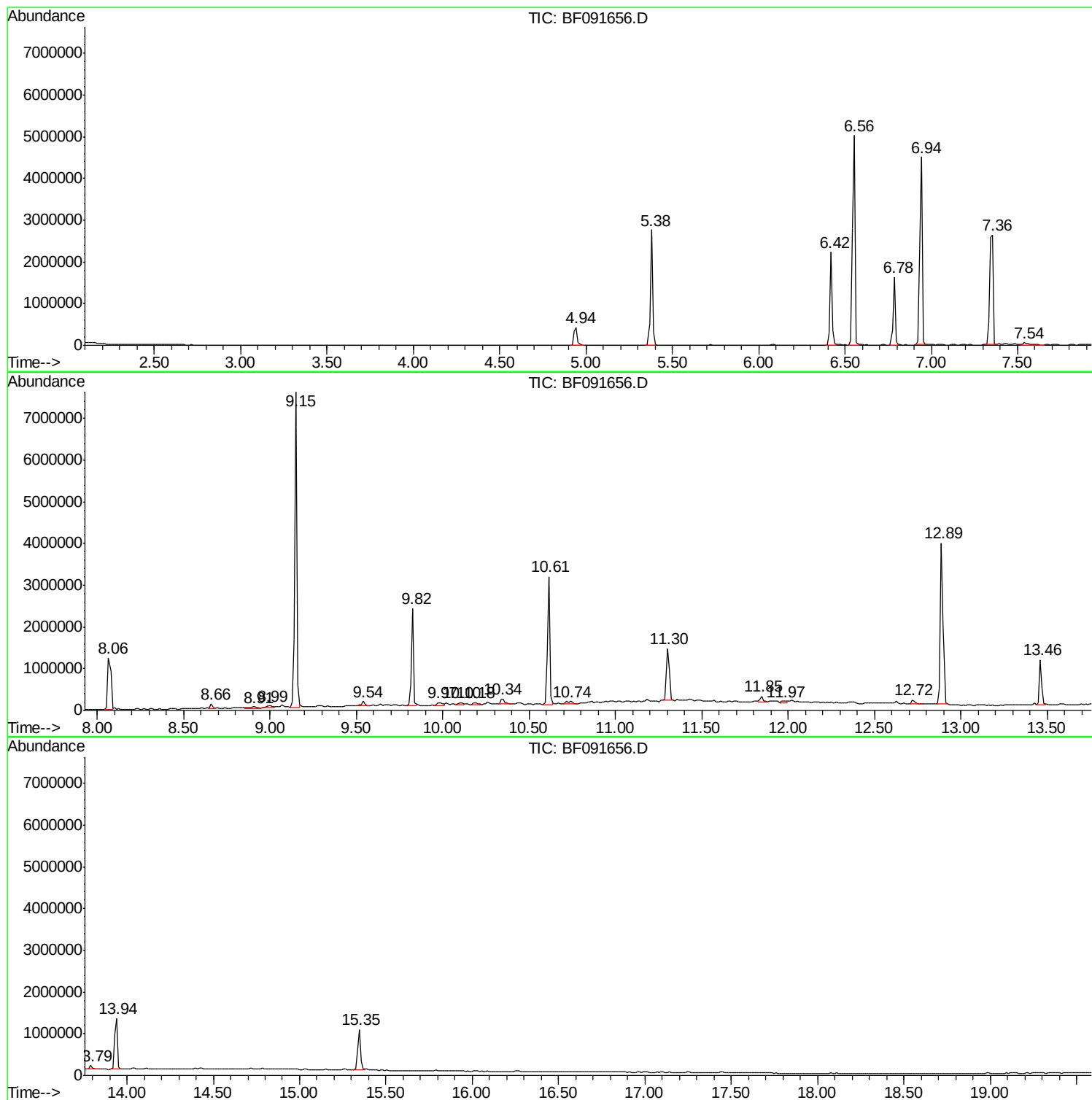
Sum of corrected areas: 45147935

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121516\
Data File : BF091656.D
Acq On : 16 Dec 2016 5:38
Operator : UM/SJ
Sample : H6011-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
MW-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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\BF121516\
Data File : BF091656.D
Acq On : 16 Dec 2016 5:38
Operator : UM/SJ
Sample : H6011-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
MW-12

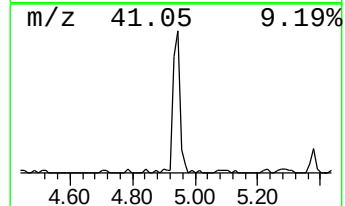
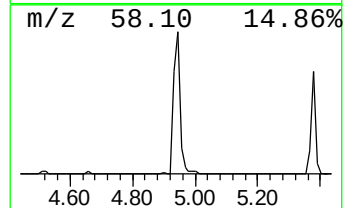
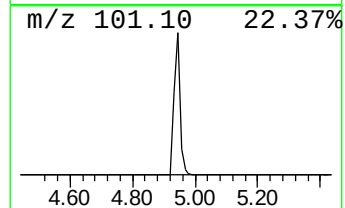
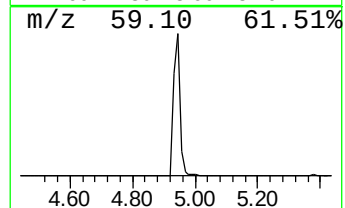
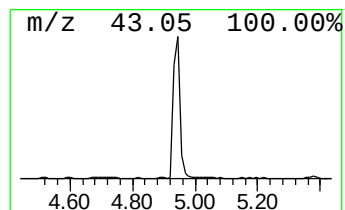
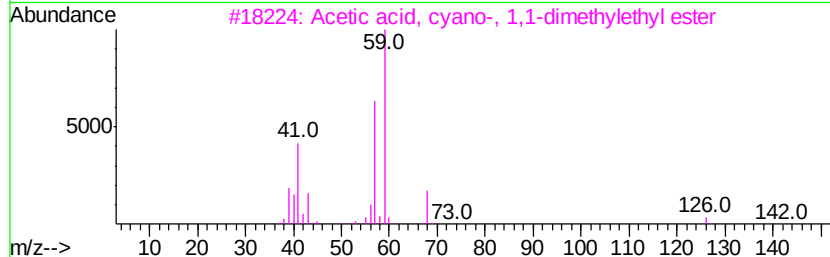
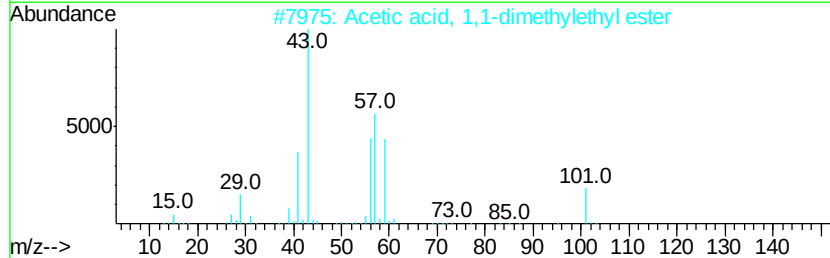
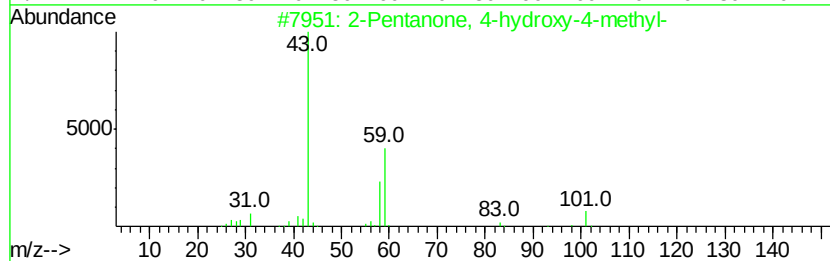
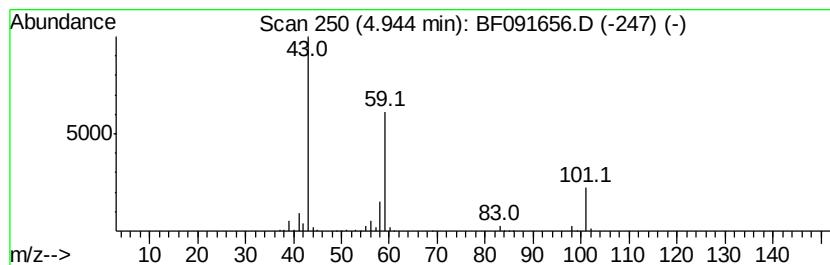
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	8.07 ng	576155	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
4		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
Data File : BF091656.D
Acq On : 16 Dec 2016 5:38
Operator : UM/SJ
Sample : H6011-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12

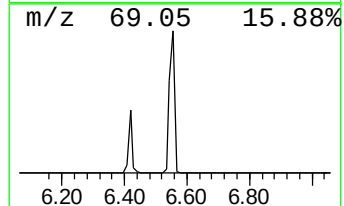
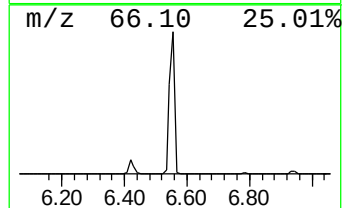
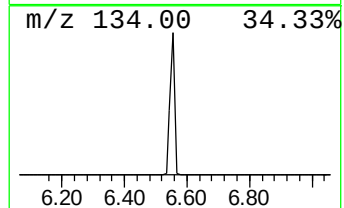
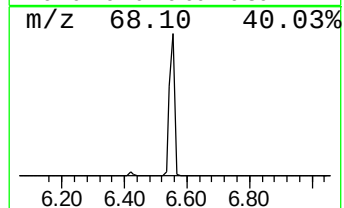
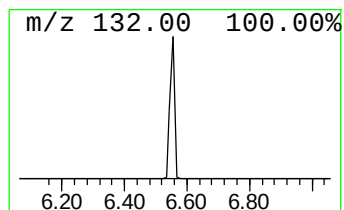
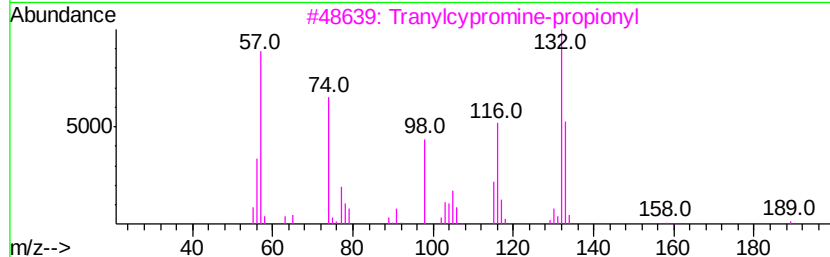
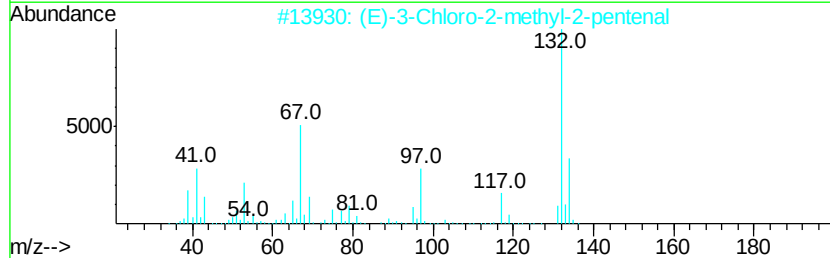
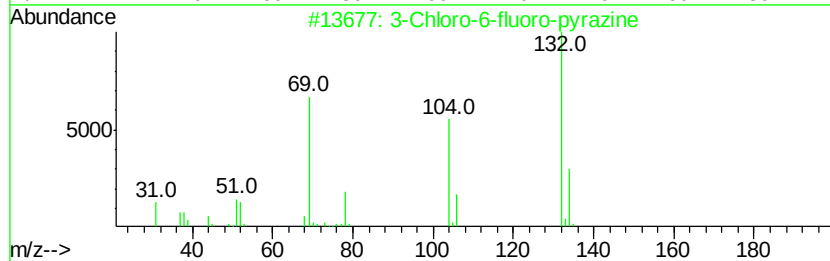
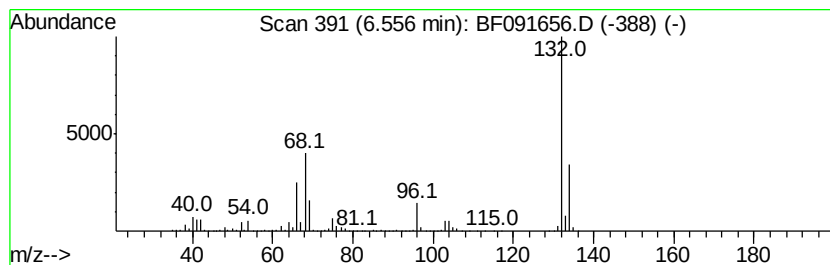
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	76.64 ng	5473240	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121516\
Data File : BF091656.D
Acq On : 16 Dec 2016 5:38
Operator : UM/SJ
Sample : H6011-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

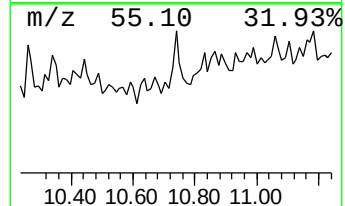
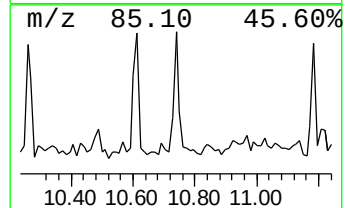
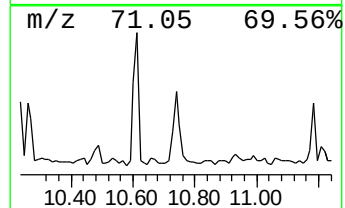
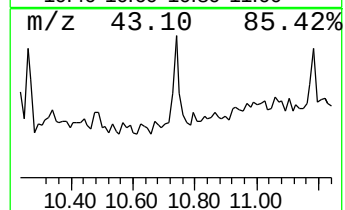
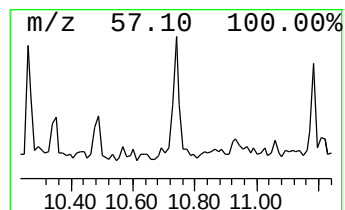
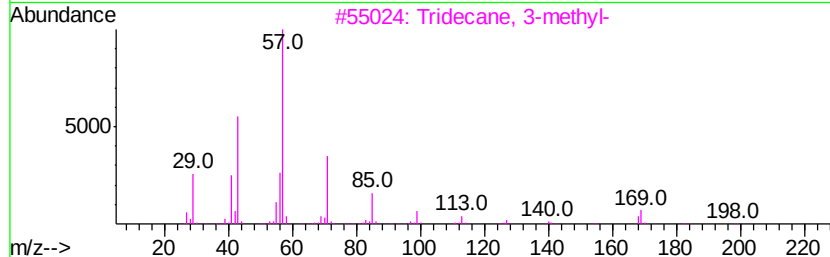
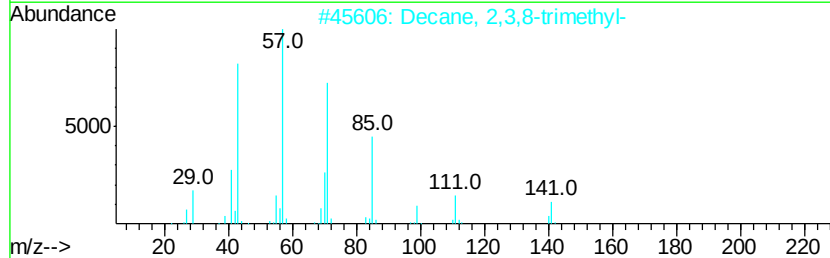
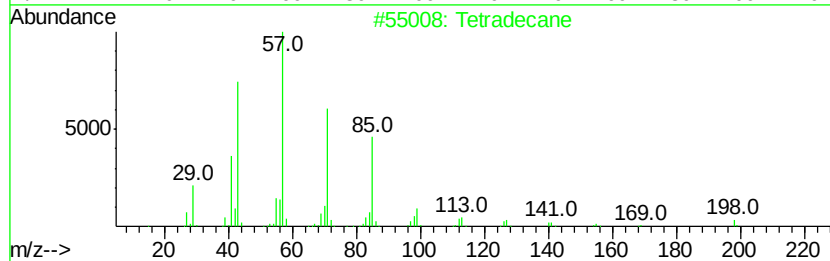
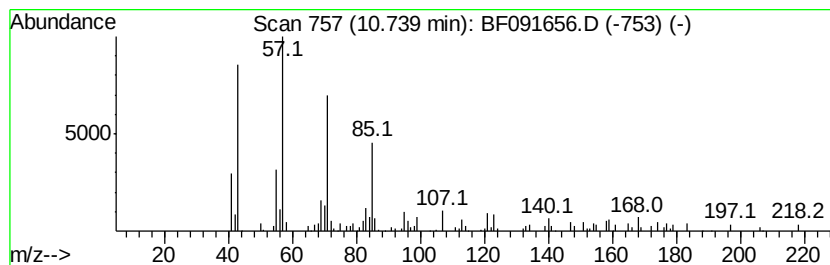
Instrument :
BNA_F
ClientSampleId :
MW-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.74	2.44 ng	169353	Phenanthrene-d10	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	50
2	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	50
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	50
4	Nonane, 1-iodo-	254	C9H19I	004282-42-2	47
5	Eicosane	282	C20H42	000112-95-8	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121516\
Data File : BF091656.D
Acq On : 16 Dec 2016 5:38
Operator : UM/SJ
Sample : H6011-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12

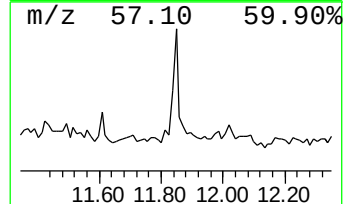
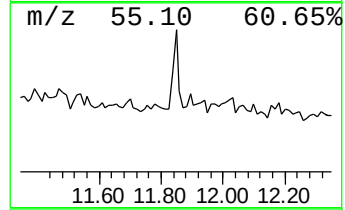
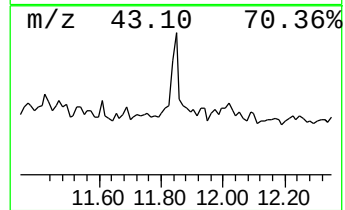
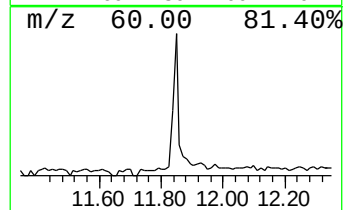
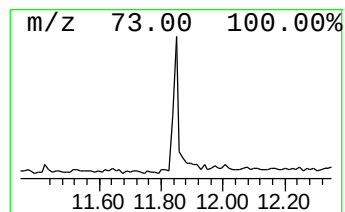
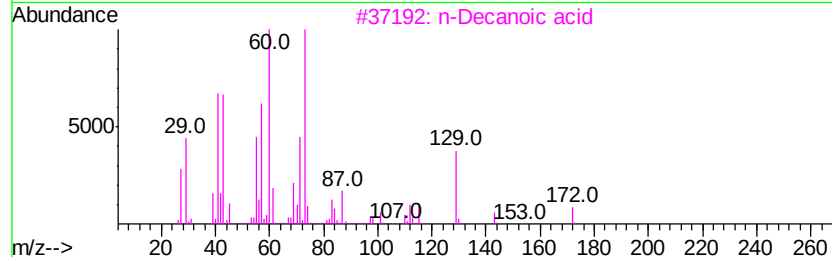
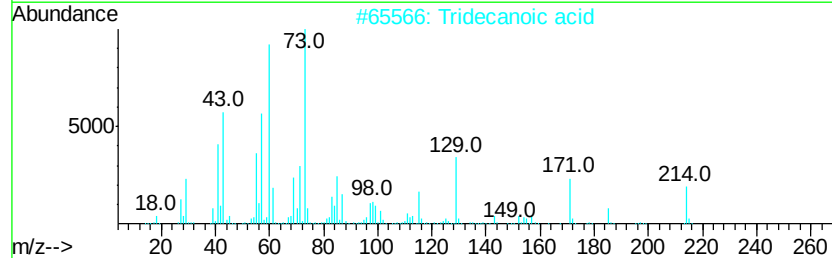
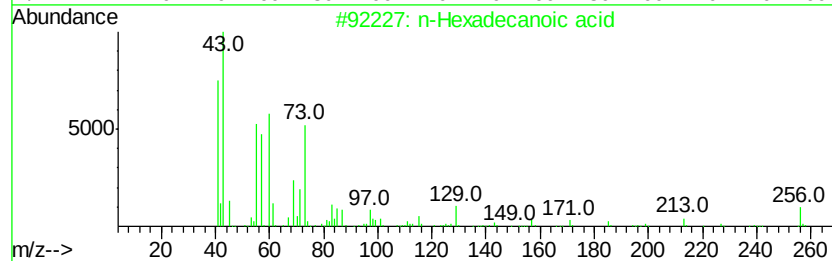
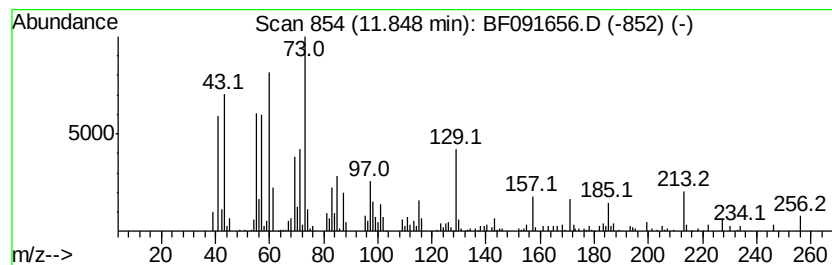
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	2.13 ng	147952	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76
3	n-Decanoic acid	172	C10H20O2	000334-48-5	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
Data File : BF091656.D
Acq On : 16 Dec 2016 5:38
Operator : UM/SJ
Sample : H6011-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12

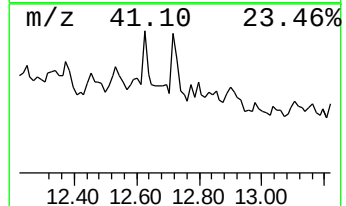
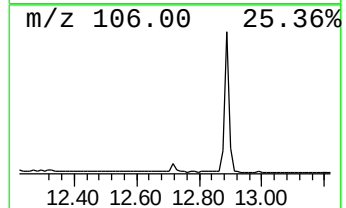
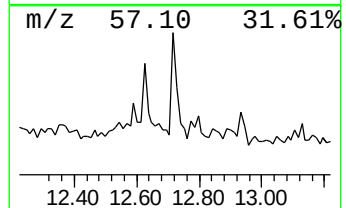
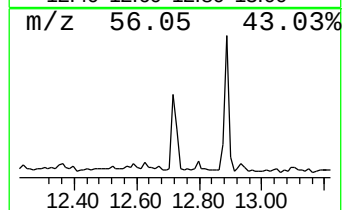
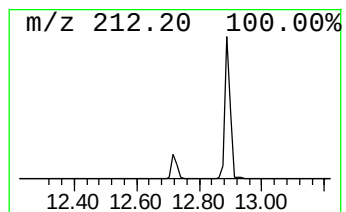
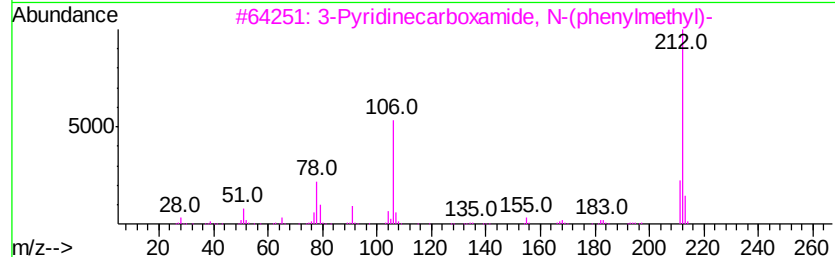
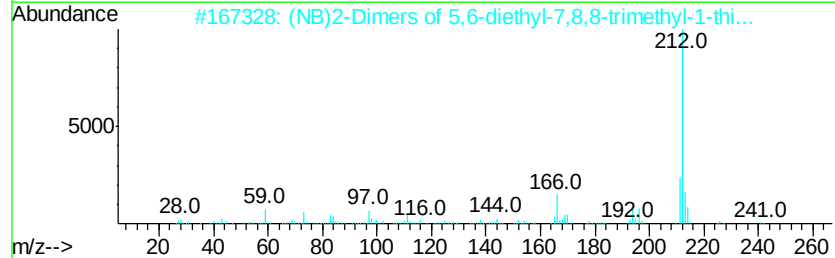
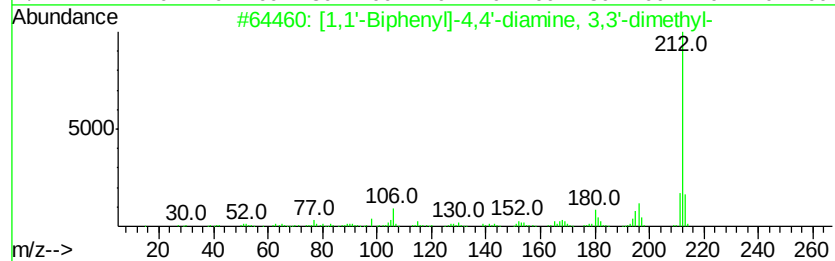
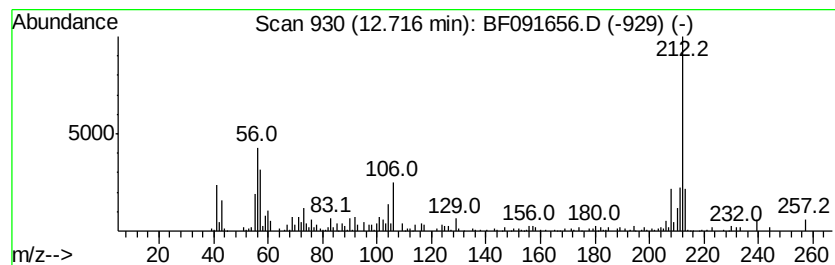
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown12.72 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	2.20 ng	161926	Chrysene-d12	13.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	[1,1'-Biphenyl]-4,4'-diamine, 3,...	212	C14H16N2	000119-93-7	47
2		(NB)2-Dimers of 5,6-diethyl-7,8,...	482	C22H48B2N2S2Si2	1000157-45-7	37
3		3-Pyridinecarboxamide, N-(phenyl...	212	C13H12N2O	002503-55-1	37
4		Naphtho[2,3-b]thiophene, 4,9-dim...	212	C14H12S	016587-34-1	35
5		9-Chlorophenanthrene	212	C14H9Cl	000947-72-8	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
Data File : BF091656.D
Acq On : 16 Dec 2016 5:38
Operator : UM/SJ
Sample : H6011-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12

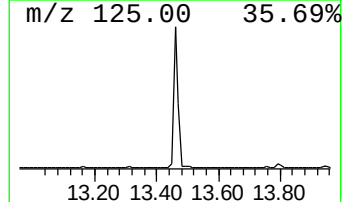
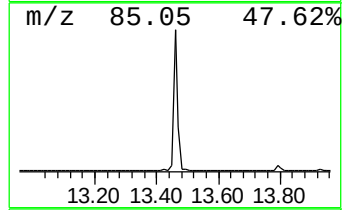
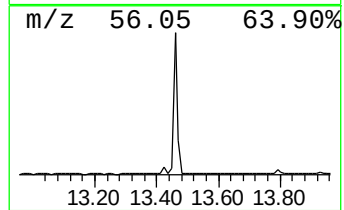
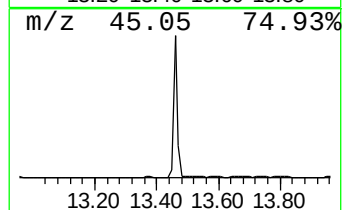
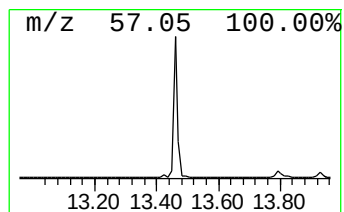
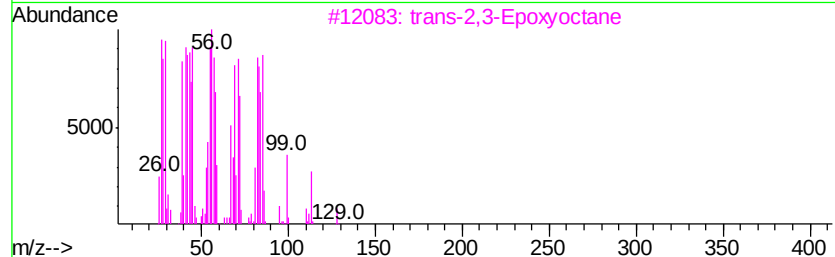
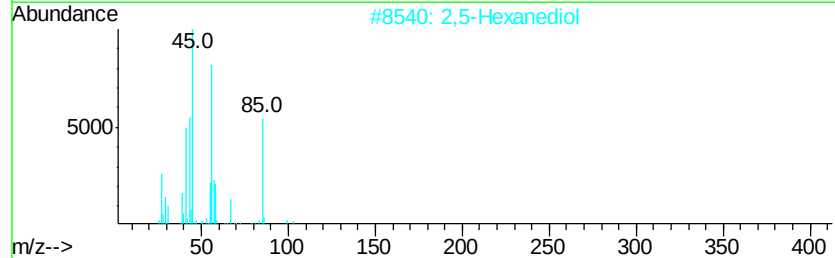
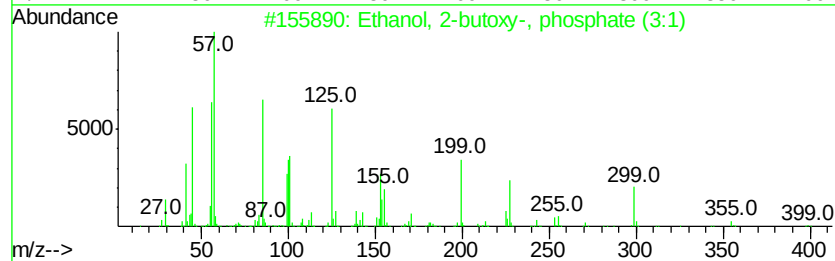
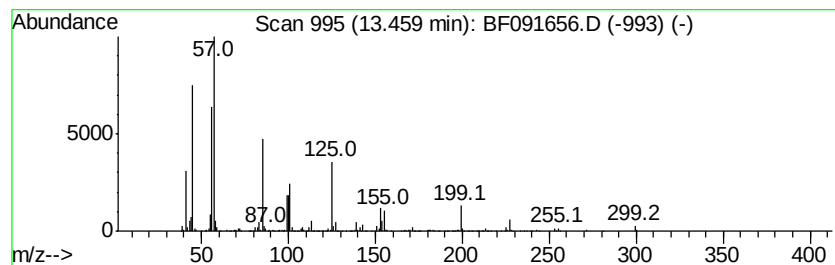
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Ethanol, 2-butoxy-, phospho... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	14.34 ng	1053930	Chrysene-d12	13.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	91
2		2,5-Hexanediol	118	C6H14O2	002935-44-6	50
3		trans-2,3-Epoxyoctane	128	C8H16O	028180-70-3	50
4		Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	43
5		Di-sec-butyl ether	130	C8H18O	006863-58-7	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121516\
Data File : BF091656.D
Acq On : 16 Dec 2016 5:38
Operator : UM/SJ
Sample : H6011-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.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...	4.94	8.1	ng	576155	1	6.78	1428350	20.0
unknown6.56	6.56	76.6	ng	5473240	1	6.78	1428350	20.0
Tetradecane	10.74	2.4	ng	169353	4	11.30	1387170	20.0
n-Hexadecanoic acid	11.85	2.1	ng	147952	4	11.30	1387170	20.0
unknown12.72	12.72	2.2	ng	161926	5	13.94	1469910	20.0
Ethanol, 2-butoxy...	13.46	14.3	ng	1053930	5	13.94	1469910	20.0