

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
 Data File : BF083530.D
 Acq On : 6 Dec 2015 19:24
 Operator : UM/IZ
 Sample : G4614-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S7-14.5

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-BF120415.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.573	163	165	176	rVB	868004	1658782	24.63%	2.658%
2	4.007	201	203	215	rBV	4264842	5936792	88.16%	9.515%
3	4.190	215	219	226	rVB	34325	80634	1.20%	0.129%
4	5.299	312	316	324	rBV	4408743	6734307	100.00%	10.793%
5	5.424	324	327	330	rBV	4180566	6093760	90.49%	9.766%
6	5.733	352	354	361	rVB	985359	1206568	17.92%	1.934%
7	5.950	370	373	376	rBV	3750367	4542230	67.45%	7.280%
8	6.556	423	426	429	rBV	2339301	4164395	61.84%	6.674%
9	6.853	445	452	459	rBV	100495	257043	3.82%	0.412%
10	7.630	518	520	527	rVB	1169598	1620352	24.06%	2.597%
11	9.379	669	673	676	rBV	3986546	6358108	94.41%	10.190%
12	10.065	730	733	736	rBV	1536099	2096379	31.13%	3.360%
13	10.419	759	764	771	rVB	1200476	2085763	30.97%	3.343%
14	11.196	828	832	836	rBV2	37893	85996	1.28%	0.138%
15	11.265	836	838	841	rVV	131235	211275	3.14%	0.339%
16	11.631	865	870	874	rBV2	52069	150886	2.24%	0.242%
17	11.711	874	877	880	rBV	2689994	4132542	61.37%	6.623%
18	11.928	894	896	899	rBV2	29333	69328	1.03%	0.111%
19	12.042	903	906	911	rBV	163562	285720	4.24%	0.458%
20	12.362	930	934	937	rBV	35493	71146	1.06%	0.114%
21	12.774	967	970	972	rBV	105247	139584	2.07%	0.224%
22	12.819	972	974	976	rVV	1428633	1858079	27.59%	2.978%
23	12.865	976	978	981	rVV	148410	253245	3.76%	0.406%
24	12.968	985	987	991	rVB2	29888	71794	1.07%	0.115%
25	13.345	1018	1020	1024	rBV	41214	70581	1.05%	0.113%
26	13.871	1063	1066	1075	rVB	266025	468563	6.96%	0.751%
27	14.785	1143	1146	1151	rBV	152823	258648	3.84%	0.415%
28	15.151	1174	1178	1185	rBV	258396	515116	7.65%	0.826%
29	15.311	1188	1192	1197	rVB2	57279	156259	2.32%	0.250%
30	15.460	1200	1205	1208	rBV	3728418	5933577	88.11%	9.509%
31	16.946	1333	1335	1339	rBV	149554	276772	4.11%	0.444%
32	17.014	1339	1341	1349	rVB	1425417	1931658	28.68%	3.096%
33	18.077	1431	1434	1435	rBV	55247	67889	1.01%	0.109%
34	18.260	1448	1450	1451	rBV	52142	70983	1.05%	0.114%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
Data File : BF083530.D
Acq On : 6 Dec 2015 19:24
Operator : UM/IZ
Sample : G4614-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S7-14.5

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-BF120415.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.294	1451	1453	1459	rVB	65042	156679	2.33%	0.251%
36	18.443	1464	1466	1470	rVV2	51493	119936	1.78%	0.192%
37	18.557	1474	1476	1479	rVV	52789	93665	1.39%	0.150%
38	18.614	1479	1481	1482	rVV	71158	86333	1.28%	0.138%
39	18.649	1482	1484	1492	rVV	1039160	1434558	21.30%	2.299%
40	18.923	1505	1508	1513	rVB	59673	100809	1.50%	0.162%
41	19.117	1522	1525	1527	rBV	48178	78135	1.16%	0.125%
42	19.746	1577	1580	1585	rVB2	63796	111077	1.65%	0.178%
43	19.986	1595	1601	1604	rBV3	40201	126101	1.87%	0.202%
44	20.523	1645	1648	1652	rBV	28625	90798	1.35%	0.146%
45	21.152	1699	1703	1712	rVB2	24814	83769	1.24%	0.134%

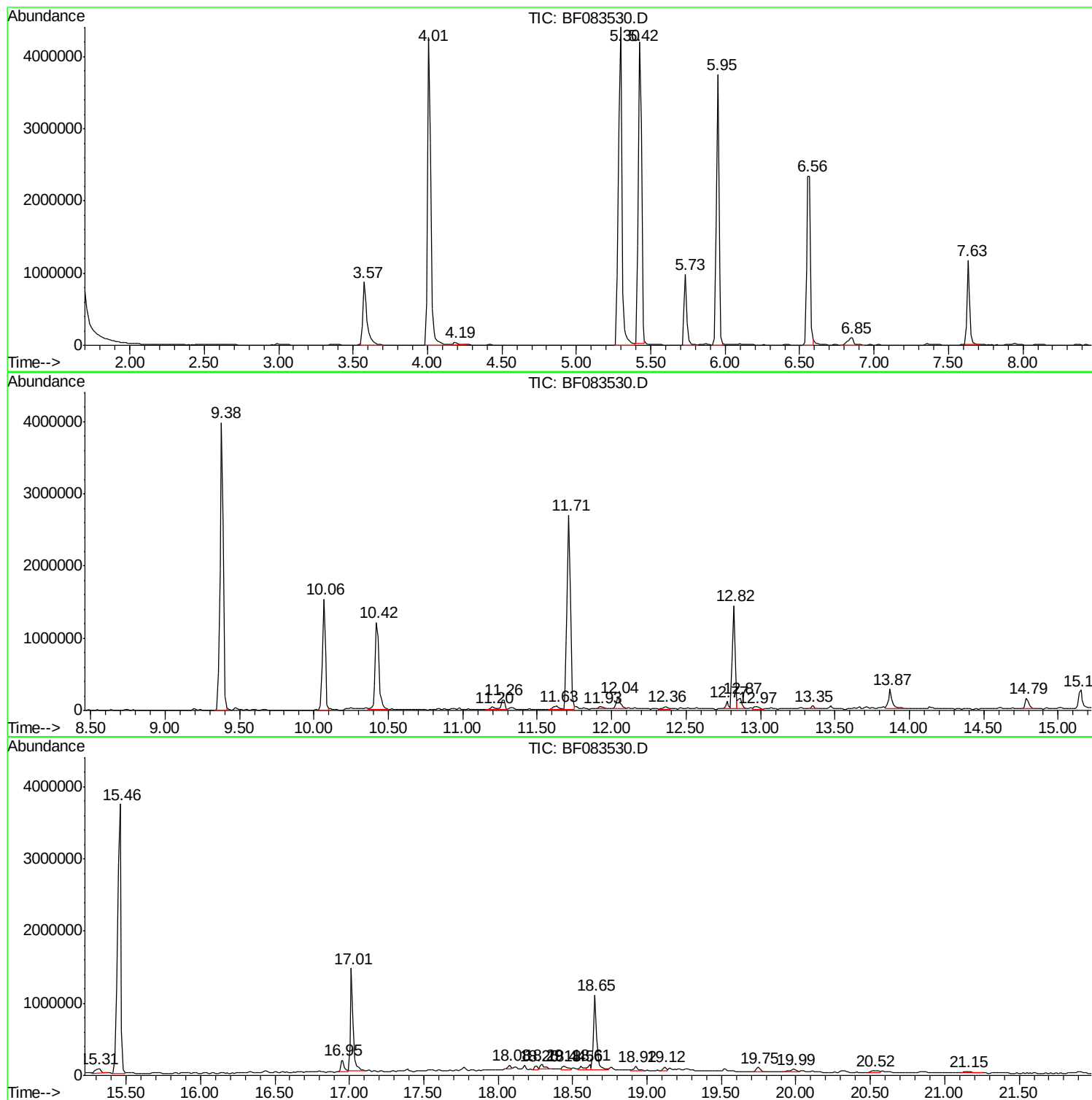
Sum of corrected areas: 62396614

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083530.D
Acq On : 6 Dec 2015 19:24
Operator : UM/IZ
Sample : G4614-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S7-14.5

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.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\BF120615\
Data File : BF083530.D
Acq On : 6 Dec 2015 19:24
Operator : UM/IZ
Sample : G4614-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S7-14.5

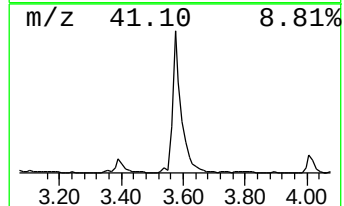
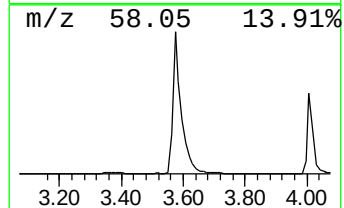
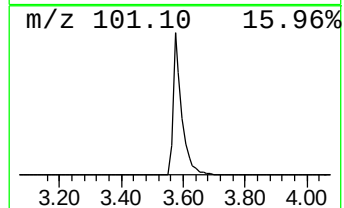
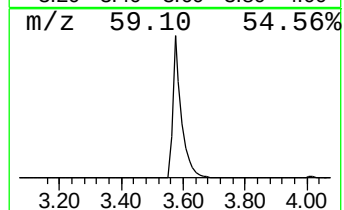
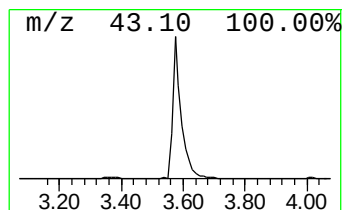
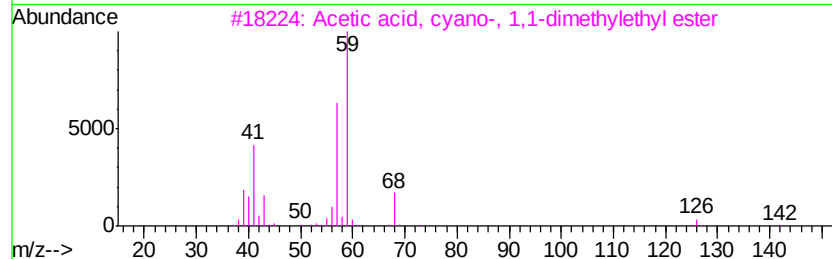
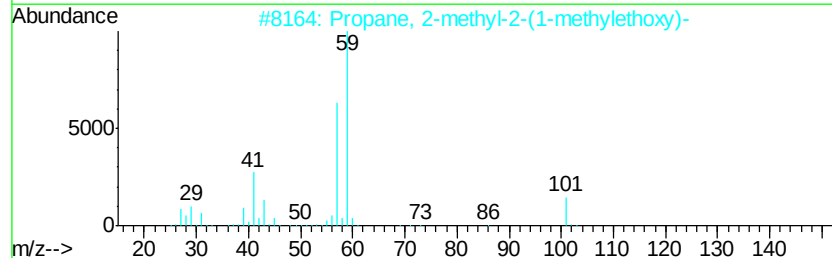
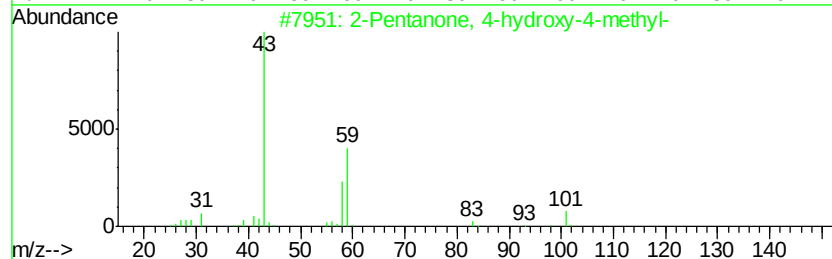
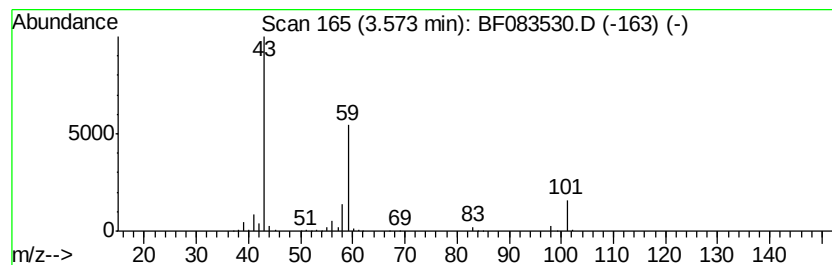
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
3.57	27.50 ng	1658780	1,4-Dichlorobenzene-d4	5.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		Ethanol, pentamethyl-	116	C7H16O	000594-83-2	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
Data File : BF083530.D
Acq On : 6 Dec 2015 19:24
Operator : UM/IZ
Sample : G4614-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S7-14.5

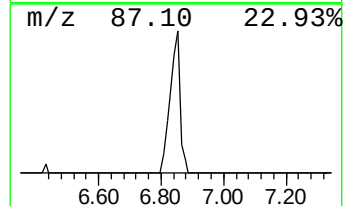
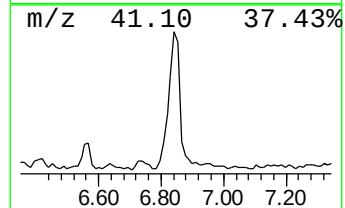
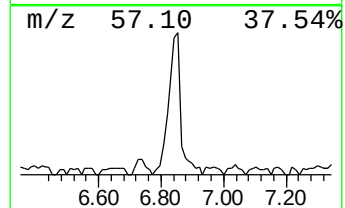
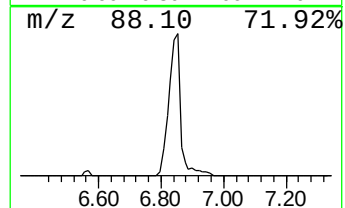
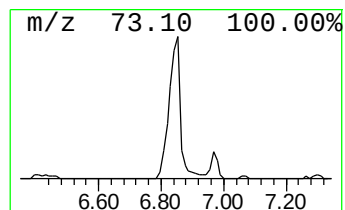
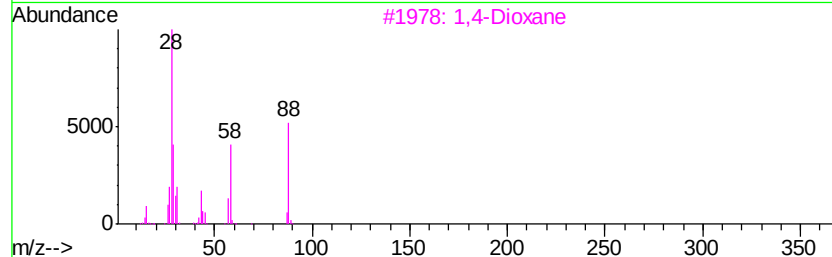
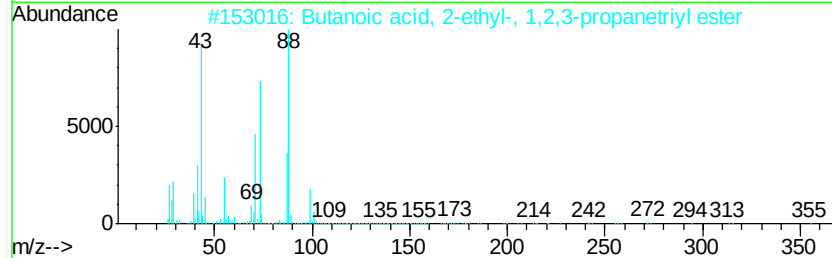
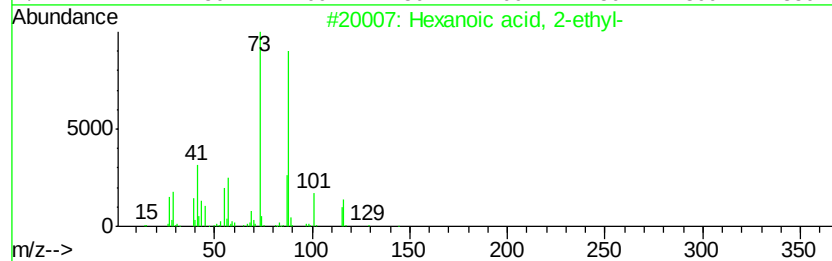
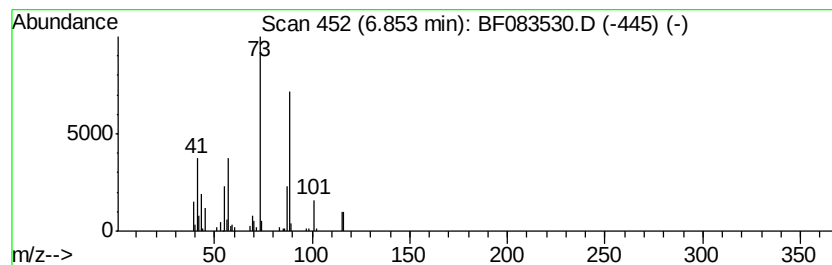
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	3.17 ng	257043	Naphthalene-d8	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2		Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	50
3		1,4-Dioxane	88	C4H8O2	000123-91-1	32
4		Hydrazine, 1-butyl-1-ethyl-	116	C6H16N2	052728-56-0	30
5		Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	28



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083530.D
Acq On : 6 Dec 2015 19:24
Operator : UM/IZ
Sample : G4614-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

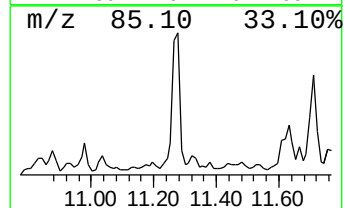
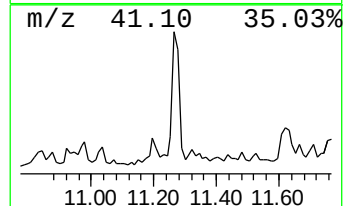
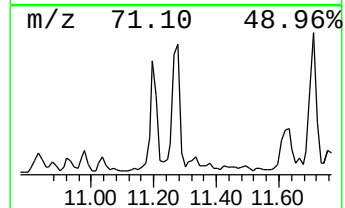
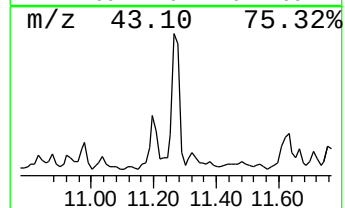
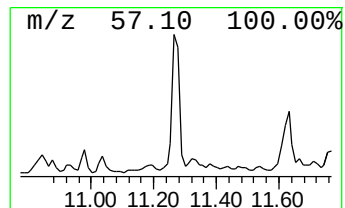
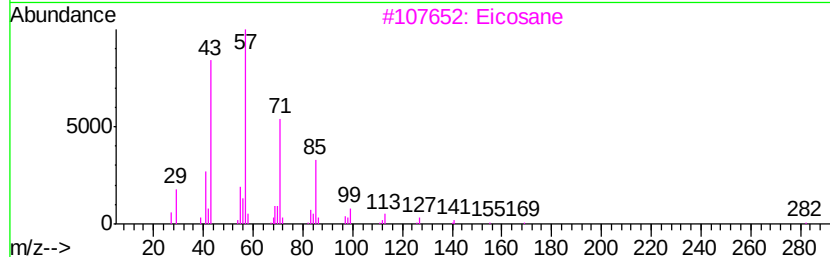
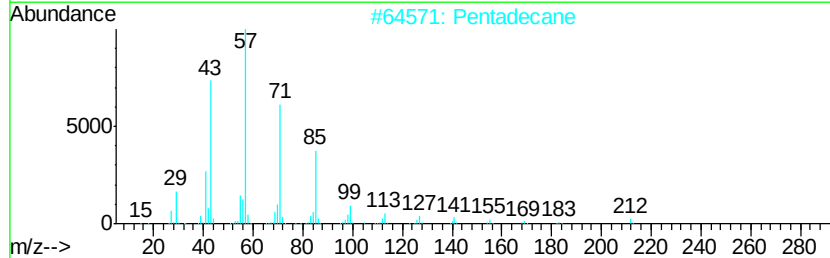
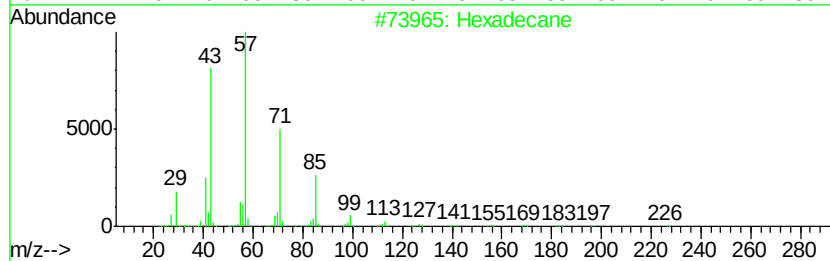
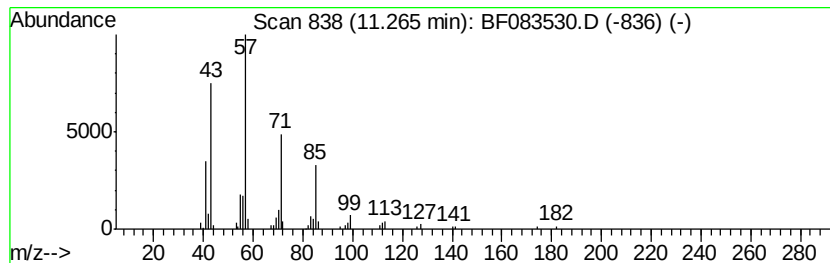
Instrument :
BNA_F
ClientSampleId :
S7-14.5

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	2.03 ng	211275	Acenaphthene-d10	10.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	90
2	Pentadecane	212 C15H32	000629-62-9	90
3	Eicosane	282 C20H42	000112-95-8	90
4	Octacosane	394 C28H58	000630-02-4	83
5	Undecane	156 C11H24	001120-21-4	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083530.D
Acq On : 6 Dec 2015 19:24
Operator : UM/IZ
Sample : G4614-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

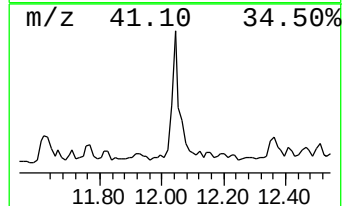
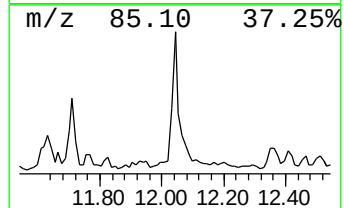
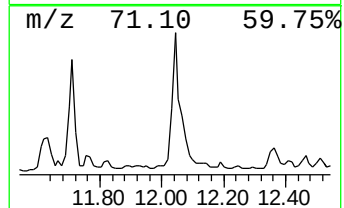
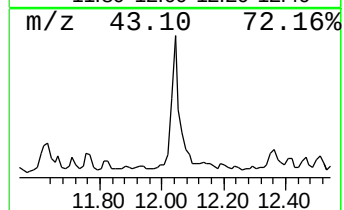
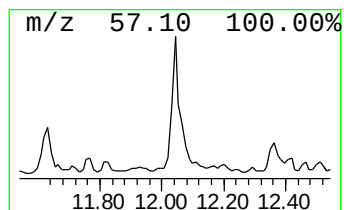
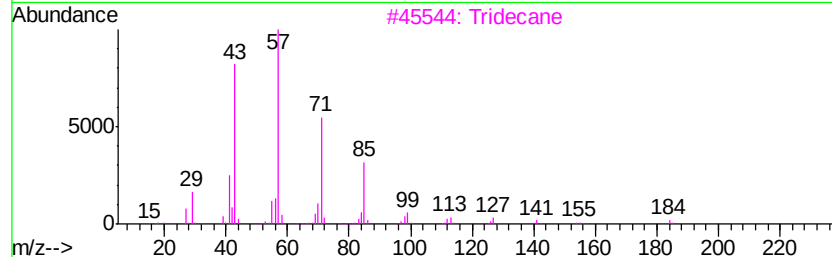
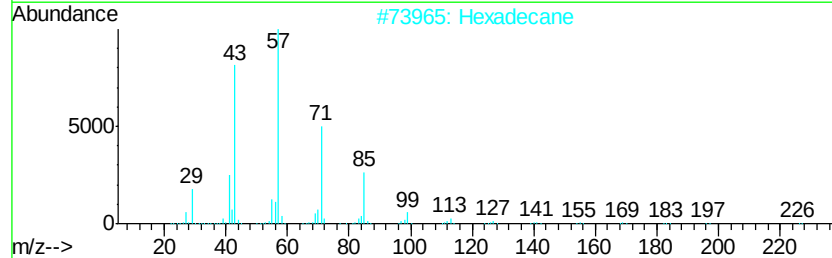
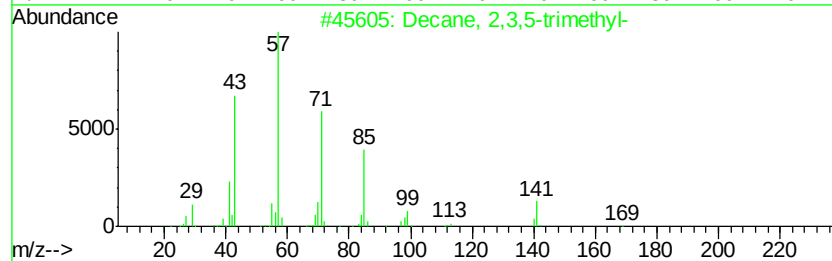
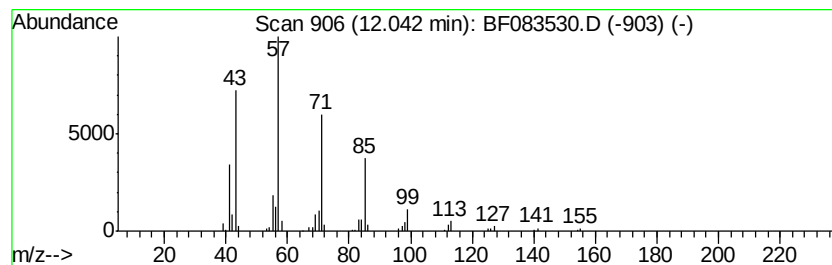
Instrument :
BNA_F
ClientSampleId :
S7-14.5

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decane, 2,3,5-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.04	3.08 ng	285720	Phenanthrene-d10		12.82
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tridecane	184	C13H28	000629-50-5	80
4	Nonadecane	268	C19H40	000629-92-5	80
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083530.D
Acq On : 6 Dec 2015 19:24
Operator : UM/IZ
Sample : G4614-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

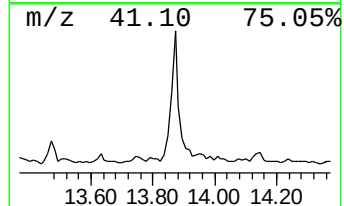
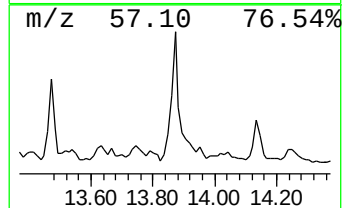
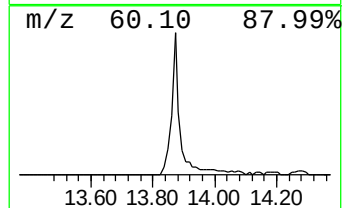
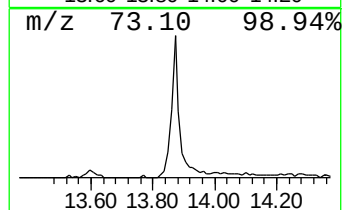
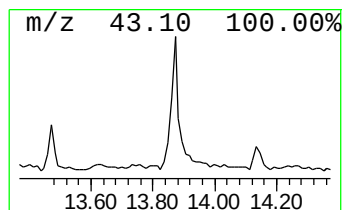
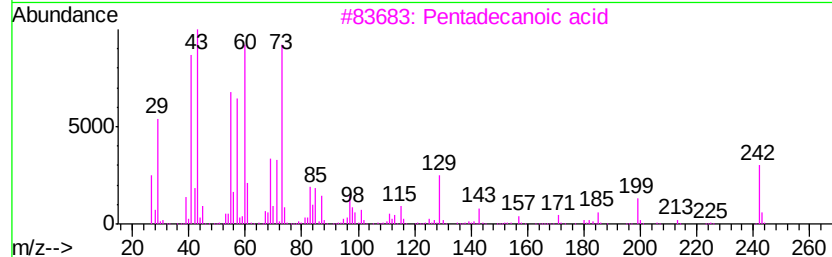
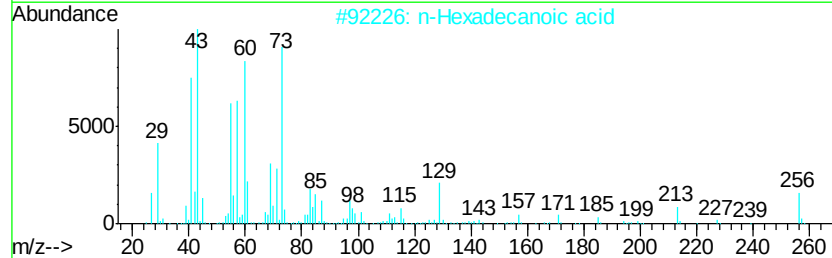
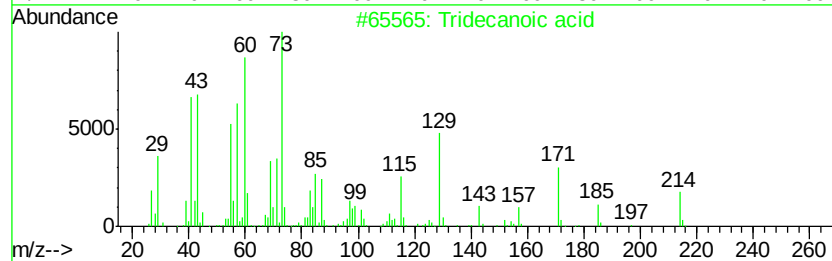
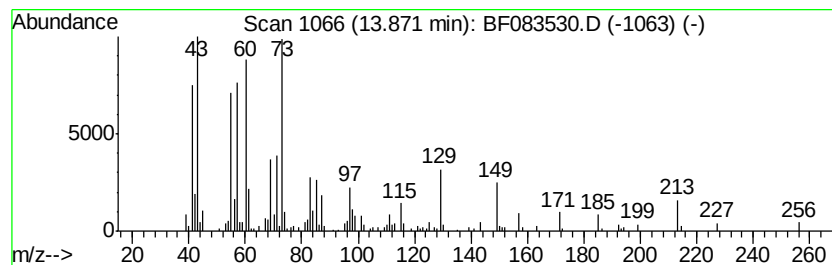
Instrument :
BNA_F
ClientSampleId :
S7-14.5

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.87	5.04 ng	468563	Phenanthrene-d10	12.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	Undecanoic acid	186	C11H22O2	000112-37-8	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083530.D
Acq On : 6 Dec 2015 19:24
Operator : UM/IZ
Sample : G4614-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

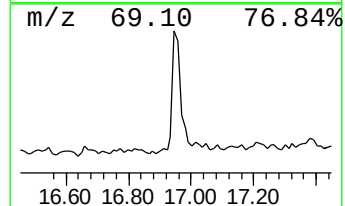
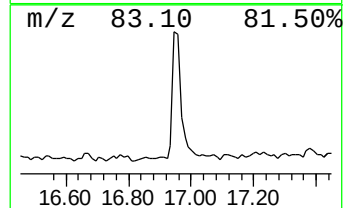
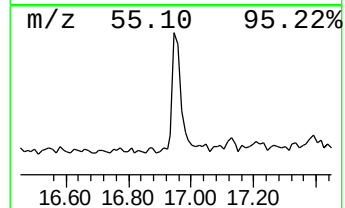
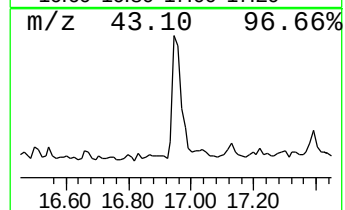
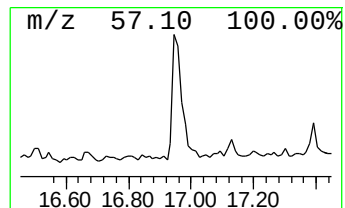
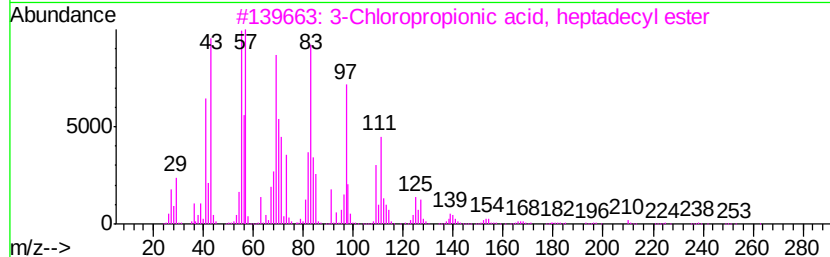
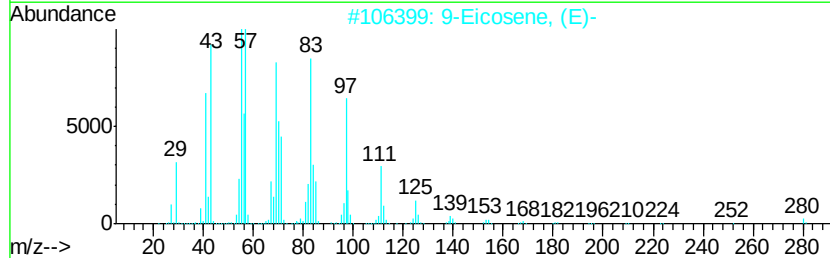
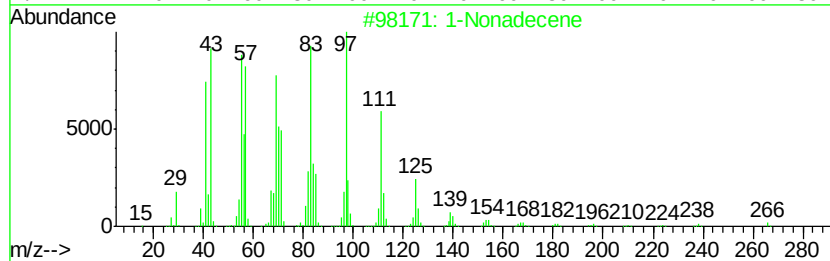
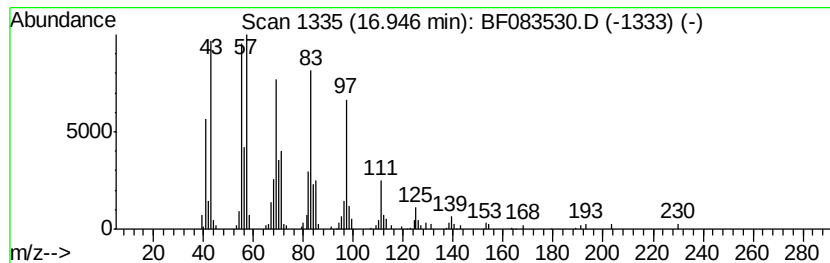
Instrument :
BNA_F
ClientSampleId :
S7-14.5

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Nonadecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.95	2.87 ng	276772	Chrysene-d12	17.01	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
3	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
4	1-Octadecanol	270	C18H38O	000112-92-5	90
5	1-Heptadecanol	256	C17H36O	001454-85-9	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
Data File : BF083530.D
Acq On : 6 Dec 2015 19:24
Operator : UM/IZ
Sample : G4614-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S7-14.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.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...	3.57	27.5	ng	1658780	1	5.73	1206570	20.0
Hexanoic acid, 2-...	6.85	3.2	ng	257043	2	7.63	1620350	20.0
Hexadecane	11.27	2.0	ng	211275	3	10.42	2085760	20.0
Decane, 2,3,5-tri...	12.04	3.1	ng	285720	4	12.82	1858080	20.0
Tridecanoic acid	13.87	5.0	ng	468563	4	12.82	1858080	20.0
1-Nonadecene	16.95	2.9	ng	276772	5	17.01	1931660	20.0