

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050318\
 Data File : BF105080.D
 Acq On : 3 May 2018 18:43
 Operator : JU/SJ
 Sample : J2665-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ES-RT-2655

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-BF040618.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	4.992	489	494	510	rBV	117766	212481	7.93%	0.914%
2	5.404	561	564	593	rBV	1444845	2122832	79.20%	9.129%
3	6.434	735	739	756	rBV	1688500	2166587	80.83%	9.317%
4	6.557	756	760	781	rVB	2137206	2313162	86.30%	9.947%
5	6.781	794	798	808	rBV	556997	587761	21.93%	2.528%
6	6.933	820	824	843	rBV	1847171	1781242	66.46%	7.660%
7	7.351	891	895	913	rBV	1293454	1409887	52.60%	6.063%
8	8.063	1013	1016	1034	rBV	783929	861088	32.13%	3.703%
9	9.139	1195	1199	1209	rBV	2920502	2680369	100.00%	11.527%
10	9.539	1261	1267	1274	rBV	202514	232011	8.66%	0.998%
11	9.739	1298	1301	1305	rVB	60957	46111	1.72%	0.198%
12	9.822	1311	1315	1328	rVB	996087	1006815	37.56%	4.330%
13	10.239	1383	1386	1389	rVB	97506	73769	2.75%	0.317%
14	10.457	1418	1423	1426	rBV3	32515	41403	1.54%	0.178%
15	10.616	1446	1450	1460	rBV	1720431	1760467	65.68%	7.571%
16	10.710	1463	1466	1472	rBV	85148	98253	3.67%	0.423%
17	11.163	1540	1543	1545	rBV	41338	40599	1.51%	0.175%
18	11.186	1545	1547	1554	rVB2	36260	45890	1.71%	0.197%
19	11.310	1564	1568	1578	rBV	1030662	1065172	39.74%	4.581%
20	11.833	1653	1657	1671	rBV	422443	455887	17.01%	1.960%
21	12.533	1773	1776	1784	rVB	64428	79759	2.98%	0.343%
22	12.615	1787	1790	1796	rBV	100194	109778	4.10%	0.472%
23	12.739	1809	1811	1813	rBV3	31889	29918	1.12%	0.129%
24	12.763	1813	1815	1817	rVB	43188	34556	1.29%	0.149%
25	12.904	1834	1839	1842	rBV	2353151	2376537	88.66%	10.220%
26	13.815	1989	1994	2005	rBV3	76679	120137	4.48%	0.517%
27	13.998	2020	2025	2036	rBV	694944	758558	28.30%	3.262%
28	14.086	2036	2040	2045	rVB	84696	80321	3.00%	0.345%
29	14.815	2161	2164	2171	rBV3	36141	50995	1.90%	0.219%
30	15.539	2282	2287	2298	rBV	428964	611461	22.81%	2.630%

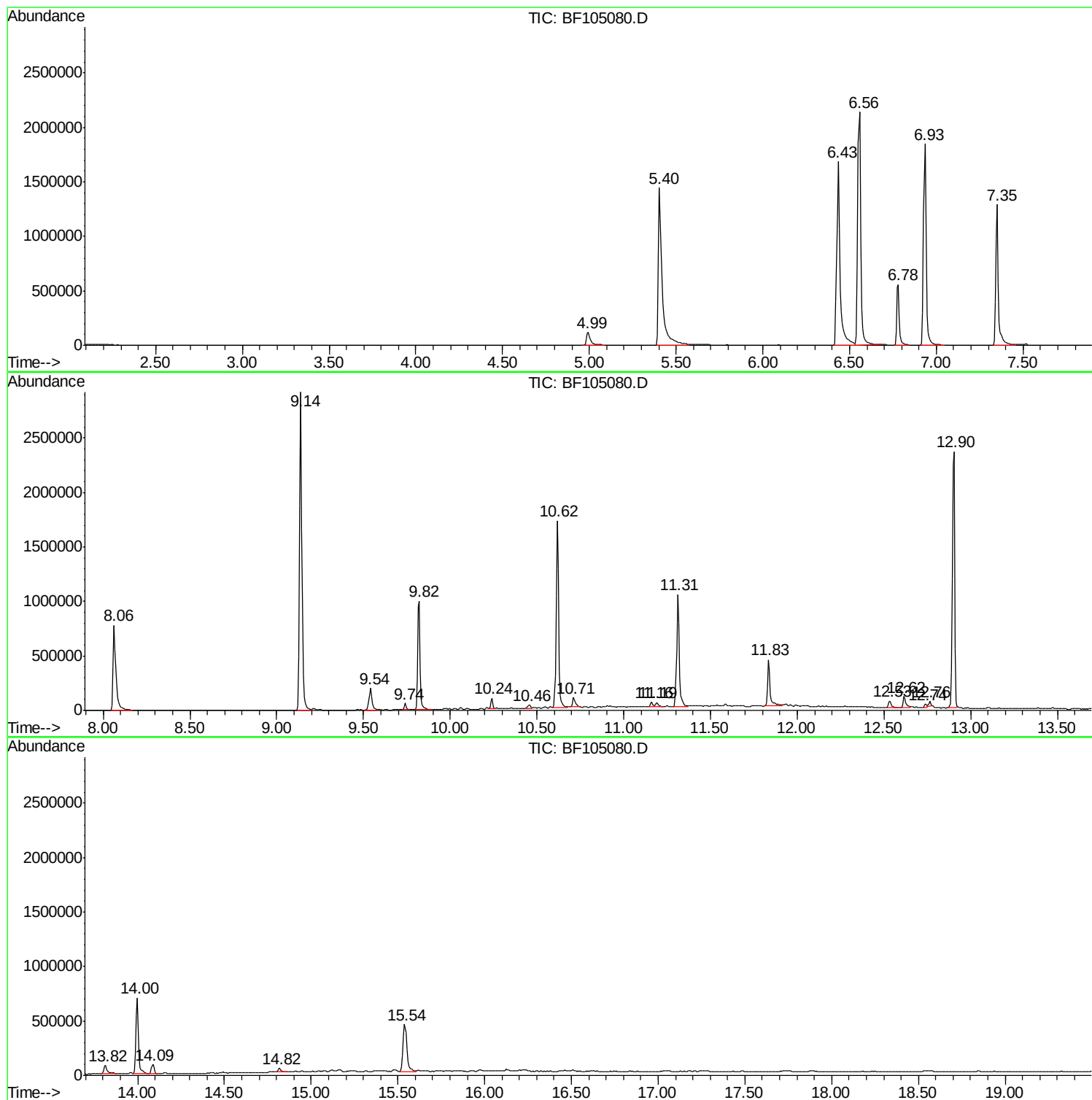
Sum of corrected areas: 23253806

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050318\
Data File : BF105080.D
Acq On : 3 May 2018 18:43
Operator : JU/SJ
Sample : J2665-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ES-RT-2655

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
Data File : BF105080.D
Acq On : 3 May 2018 18:43
Operator : JU/SJ
Sample : J2665-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
ES-RT-2655

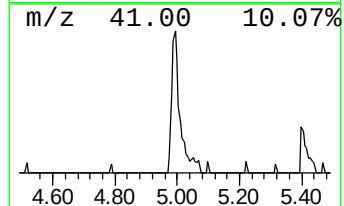
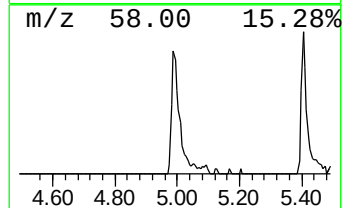
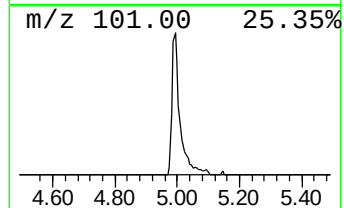
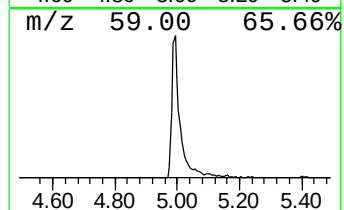
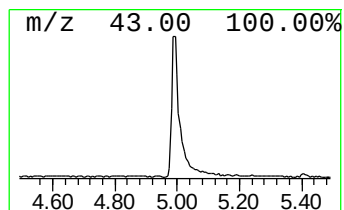
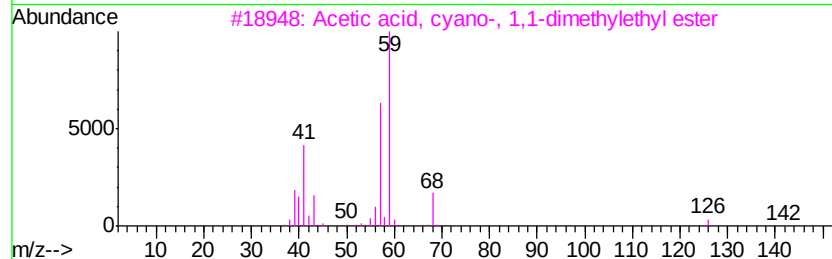
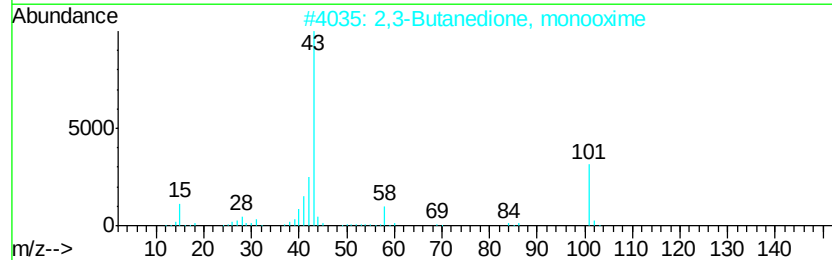
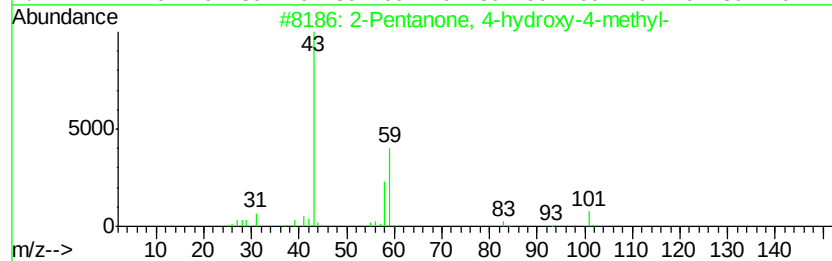
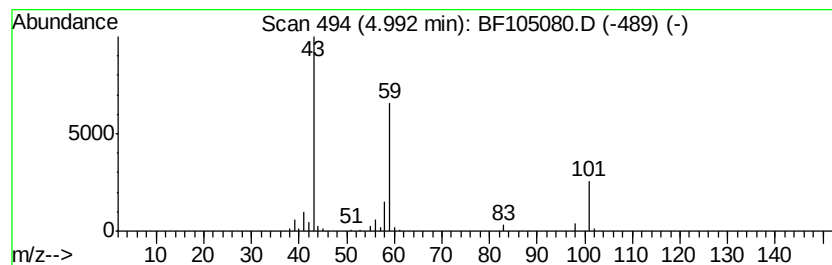
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
4.99	7.23 ng	212481	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		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
Data File : BF105080.D
Acq On : 3 May 2018 18:43
Operator : JU/SJ
Sample : J2665-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ES-RT-2655

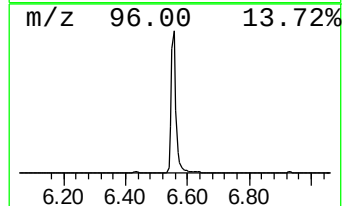
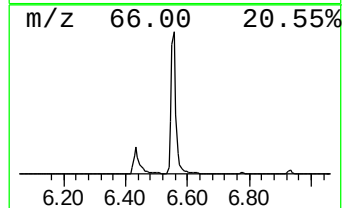
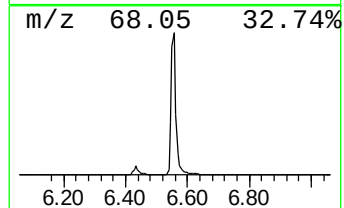
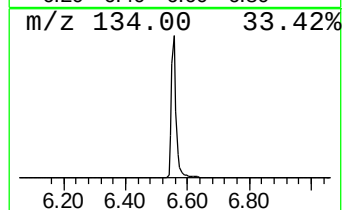
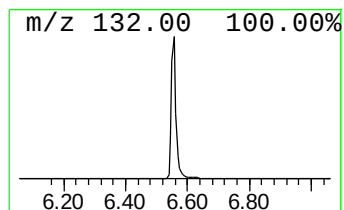
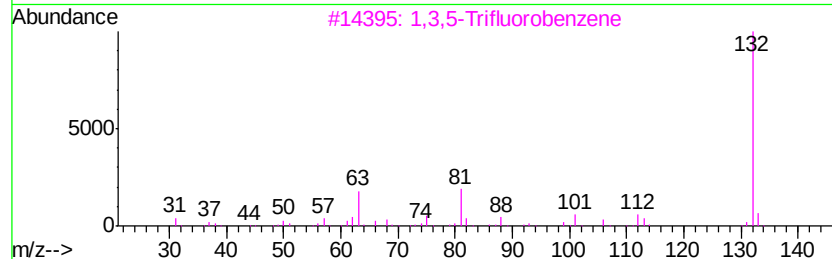
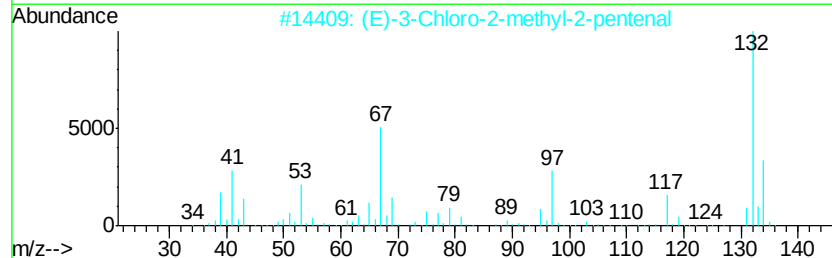
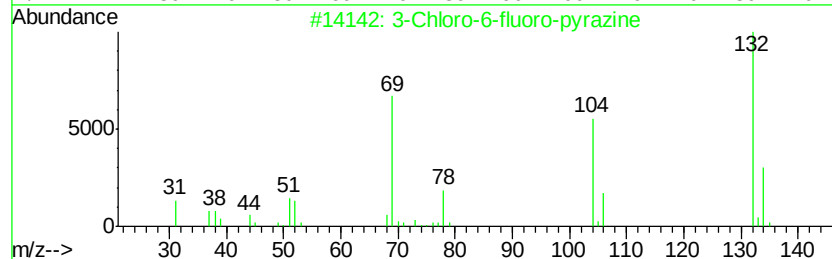
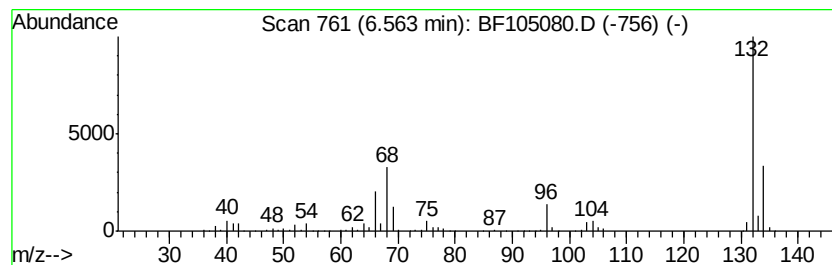
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.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	78.71 ng	2313160	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	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
Data File : BF105080.D
Acq On : 3 May 2018 18:43
Operator : JU/SJ
Sample : J2665-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

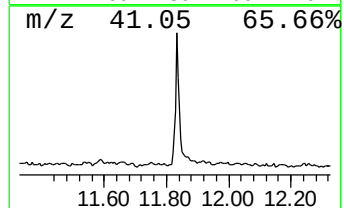
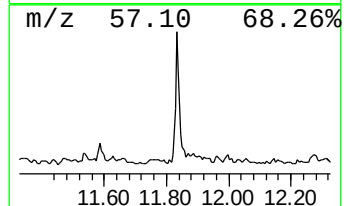
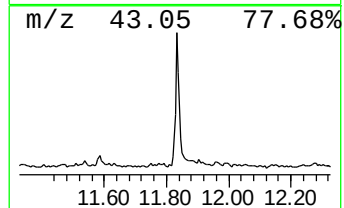
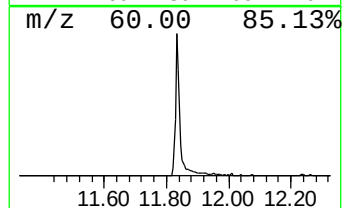
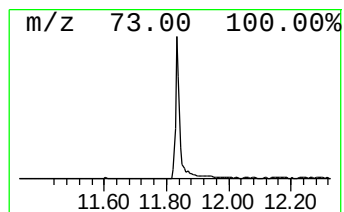
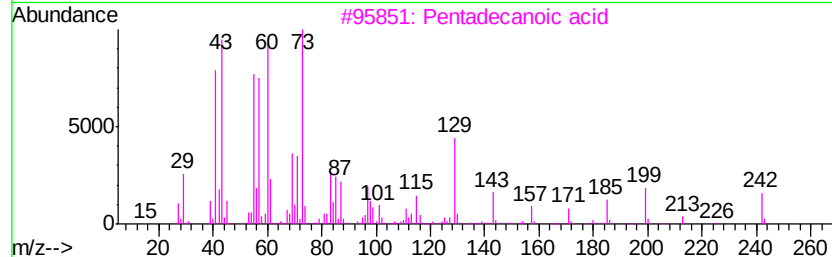
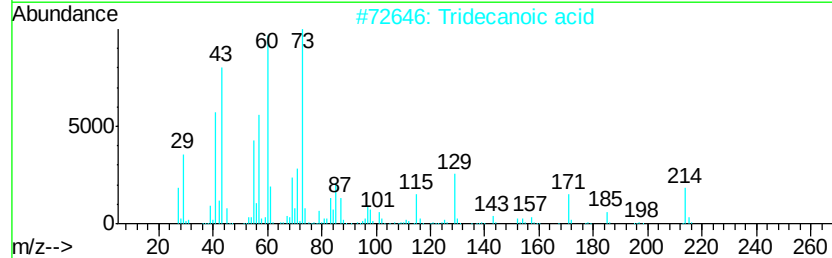
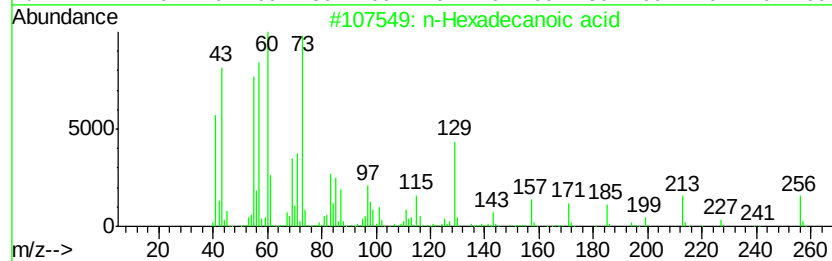
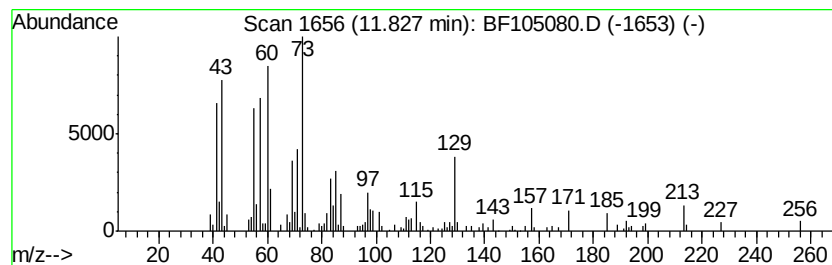
Instrument :
BNA_F
ClientSampleId :
ES-RT-2655

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.83	8.56 ng	455887	Phenanthrene-d10		11.31
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050318\
Data File : BF105080.D
Acq On : 3 May 2018 18:43
Operator : JU/SJ
Sample : J2665-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ES-RT-2655

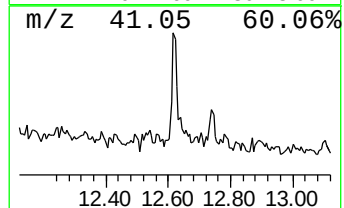
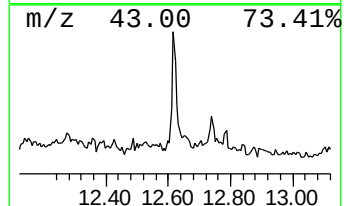
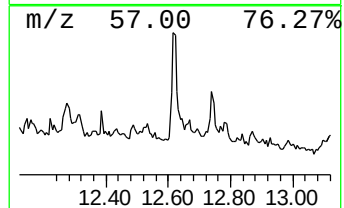
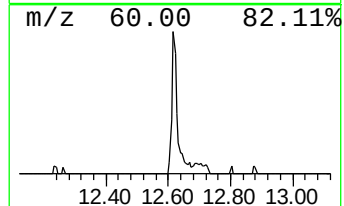
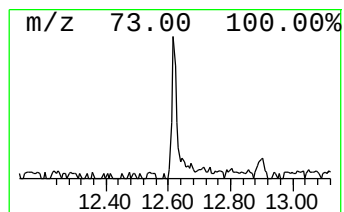
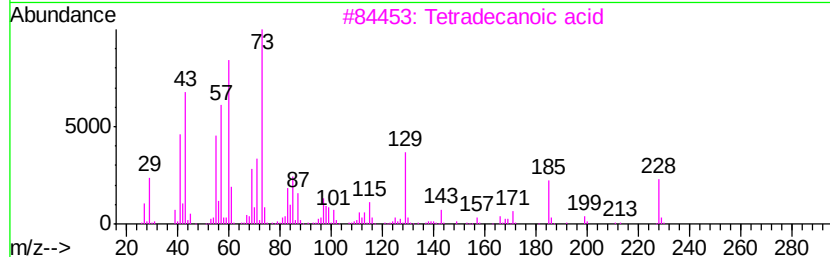
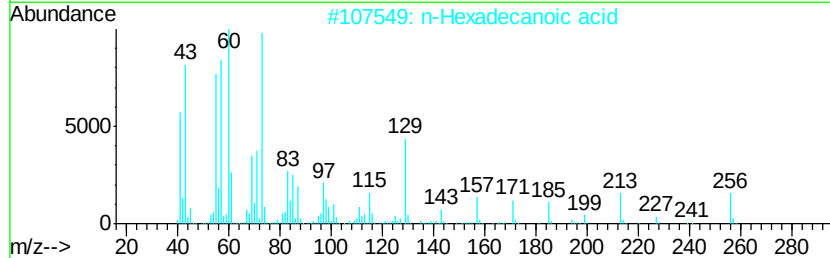
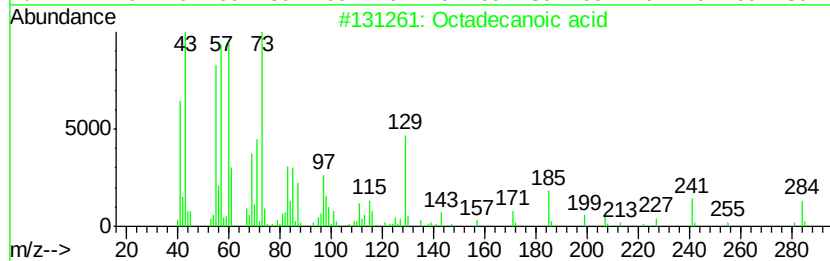
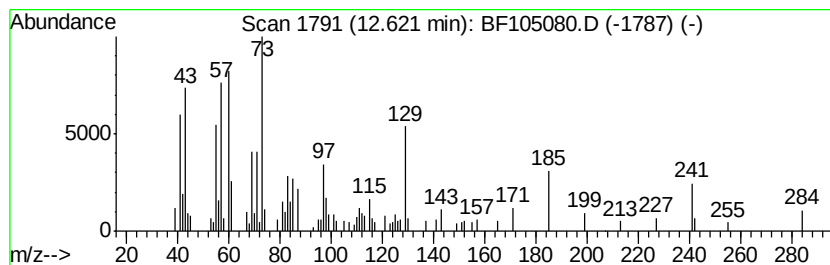
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	2.06 ng	109778	Phenanthrene-d10	11.31

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	95
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	78
5		Tridecanoic acid	214	C13H26O2	000638-53-9	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
Data File : BF105080.D
Acq On : 3 May 2018 18:43
Operator : JU/SJ
Sample : J2665-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

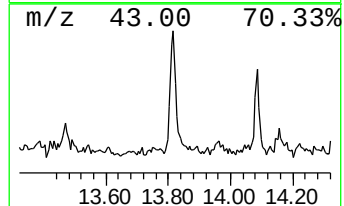
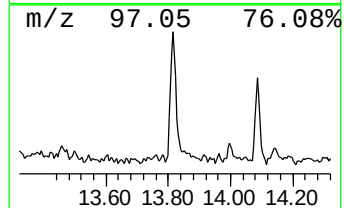
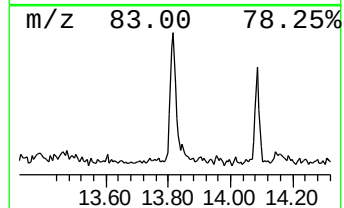
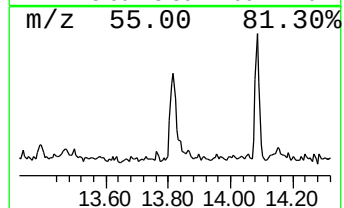
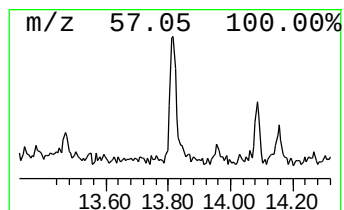
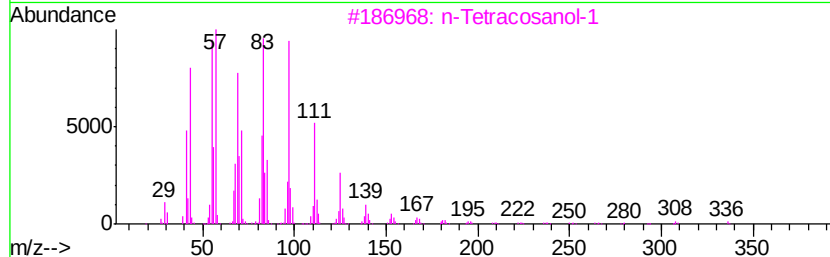
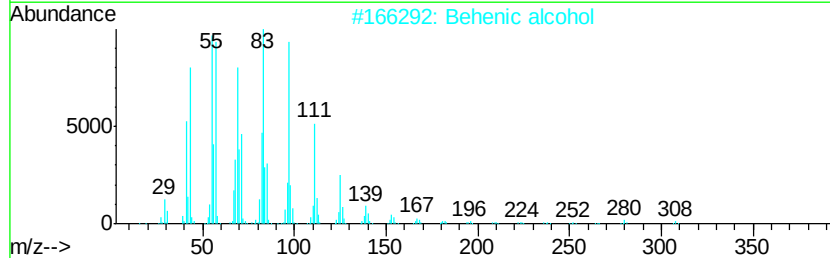
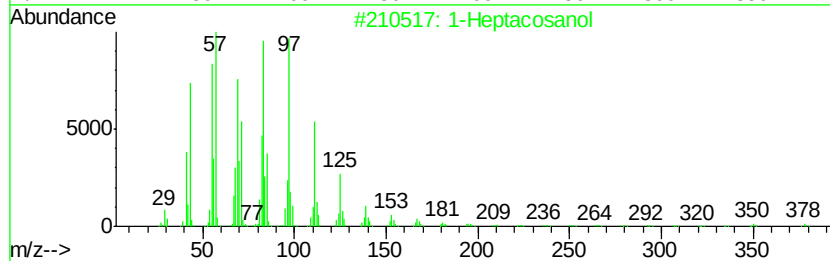
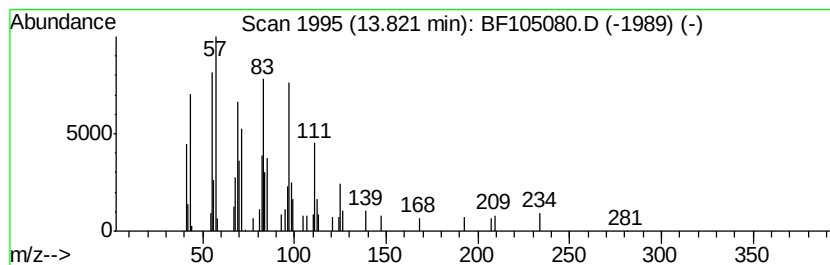
Instrument :
BNA_F
ClientSampleId :
ES-RT-2655

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1-Heptacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.82	3.17 ng	120137	Chrysene-d12	14.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
Data File : BF105080.D
Acq On : 3 May 2018 18:43
Operator : JU/SJ
Sample : J2665-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

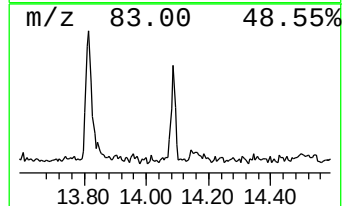
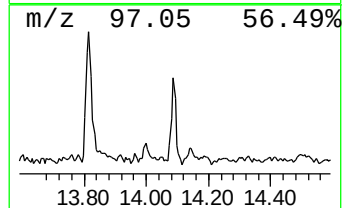
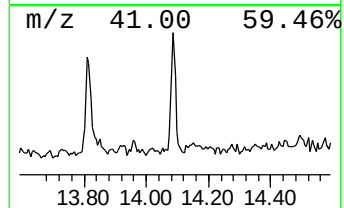
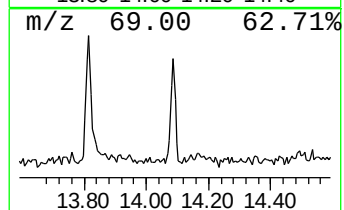
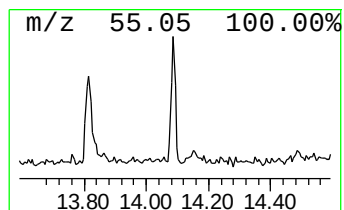
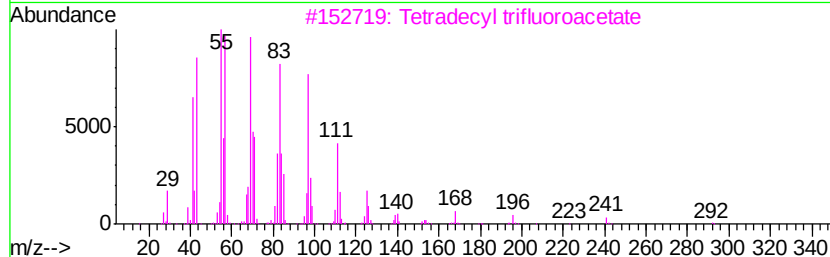
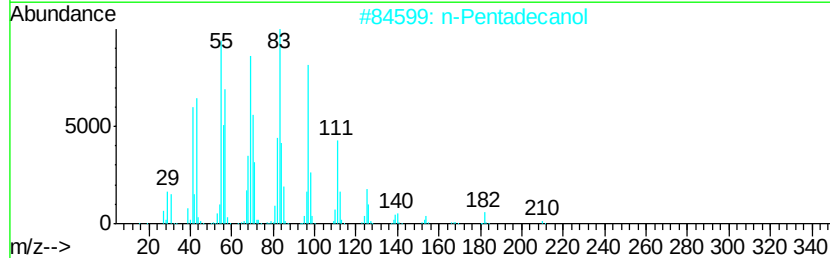
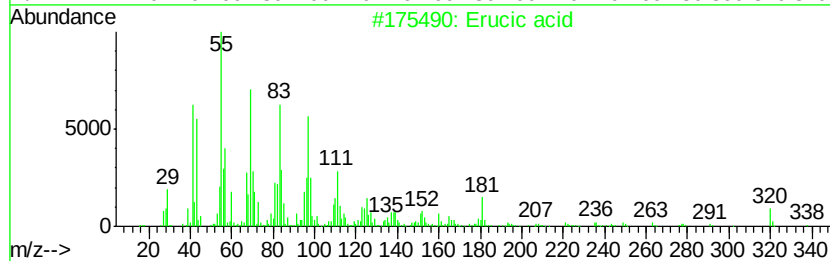
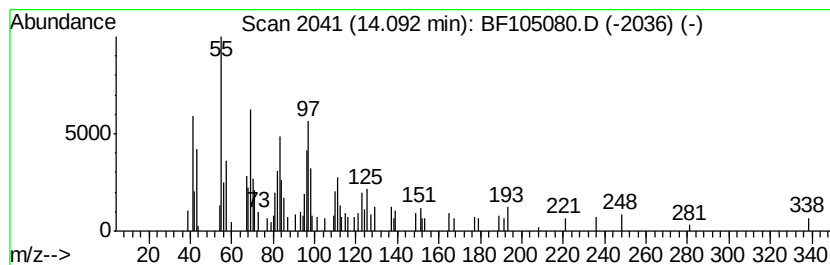
Instrument :
BNA_F
ClientSampleId :
ES-RT-2655

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Erucic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	2.12 ng	80321	Chrysene-d12	14.00
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Erucic acid	338	C22H42O2	000112-86-7 74
2	n-Pentadecanol	228	C15H32O	000629-76-5 64
3	Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2 64
4	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3 62
5	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8 59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050318\
Data File : BF105080.D
Acq On : 3 May 2018 18:43
Operator : JU/SJ
Sample : J2665-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ES-RT-2655

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.99	7.2	ng	212481	1	6.78	587761	20.0
unknown6.56	6.56	78.7	ng	2313160	1	6.78	587761	20.0
n-Hexadecanoic acid	11.83	8.6	ng	455887	4	11.31	1065170	20.0
Octadecanoic acid	12.62	2.1	ng	109778	4	11.31	1065170	20.0
1-Heptacosanol	13.82	3.2	ng	120137	5	14.00	758558	20.0
Erucic acid	14.09	2.1	ng	80321	5	14.00	758558	20.0