

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
 Data File : BF089670.D
 Acq On : 8 Aug 2016 20:08
 Operator : UM/SJ
 Sample : H4364-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MMA-OS-02

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-BF080416.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	4.639	263	267	280	rBV	149100	401008	21.05%	2.666%
2	5.313	324	326	351	rBV	853671	1445580	75.87%	9.609%
3	6.959	467	470	477	rBV	796592	1492518	78.34%	9.921%
4	7.073	477	480	497	rVB	1122460	1680037	88.18%	11.167%
5	7.428	509	511	521	rBV	114057	223491	11.73%	1.486%
6	7.656	528	531	540	rBV	909116	1202004	63.09%	7.990%
7	8.330	587	590	616	rBV	583006	970386	50.93%	6.450%
8	8.673	616	620	628	rVB	13167	31283	1.64%	0.208%
9	9.451	685	688	707	rBV	206992	331912	17.42%	2.206%
10	11.234	840	844	851	rBV	1316837	1905229	100.00%	12.664%
11	11.336	851	853	862	rVB	6835	20206	1.06%	0.134%
12	11.919	901	904	919	rBV	297156	370321	19.44%	2.462%
13	12.274	932	935	943	rBB	243071	400986	21.05%	2.665%
14	13.565	1045	1048	1056	rBV	636450	1049025	55.06%	6.973%
15	13.897	1074	1077	1082	rBV	17871	29210	1.53%	0.194%
16	14.663	1142	1144	1152	rVB	274623	389840	20.46%	2.591%
17	15.188	1187	1190	1198	rBV	178855	282583	14.83%	1.878%
18	15.680	1230	1233	1244	rBV	55513	110563	5.80%	0.735%
19	16.388	1293	1295	1300	rBV	107833	173172	9.09%	1.151%
20	16.777	1327	1329	1336	rBV	53327	86872	4.56%	0.577%
21	16.891	1336	1339	1342	rVV	25923	29731	1.56%	0.198%
22	17.028	1348	1351	1354	rBV	1089026	1639339	86.04%	10.897%
23	17.417	1381	1385	1390	rBV4	9069	22996	1.21%	0.153%
24	17.817	1418	1420	1423	rBV2	15106	21603	1.13%	0.144%
25	18.286	1458	1461	1466	rBV	60680	112524	5.91%	0.748%
26	18.366	1466	1468	1473	rBV	184956	293282	15.39%	1.949%
27	19.452	1561	1563	1567	rBV4	8211	21577	1.13%	0.143%
28	19.520	1567	1569	1571	rBV	16399	20462	1.07%	0.136%
29	19.806	1592	1594	1599	rVB5	12632	24931	1.31%	0.166%
30	20.023	1610	1613	1618	rBV	179626	261492	13.72%	1.738%

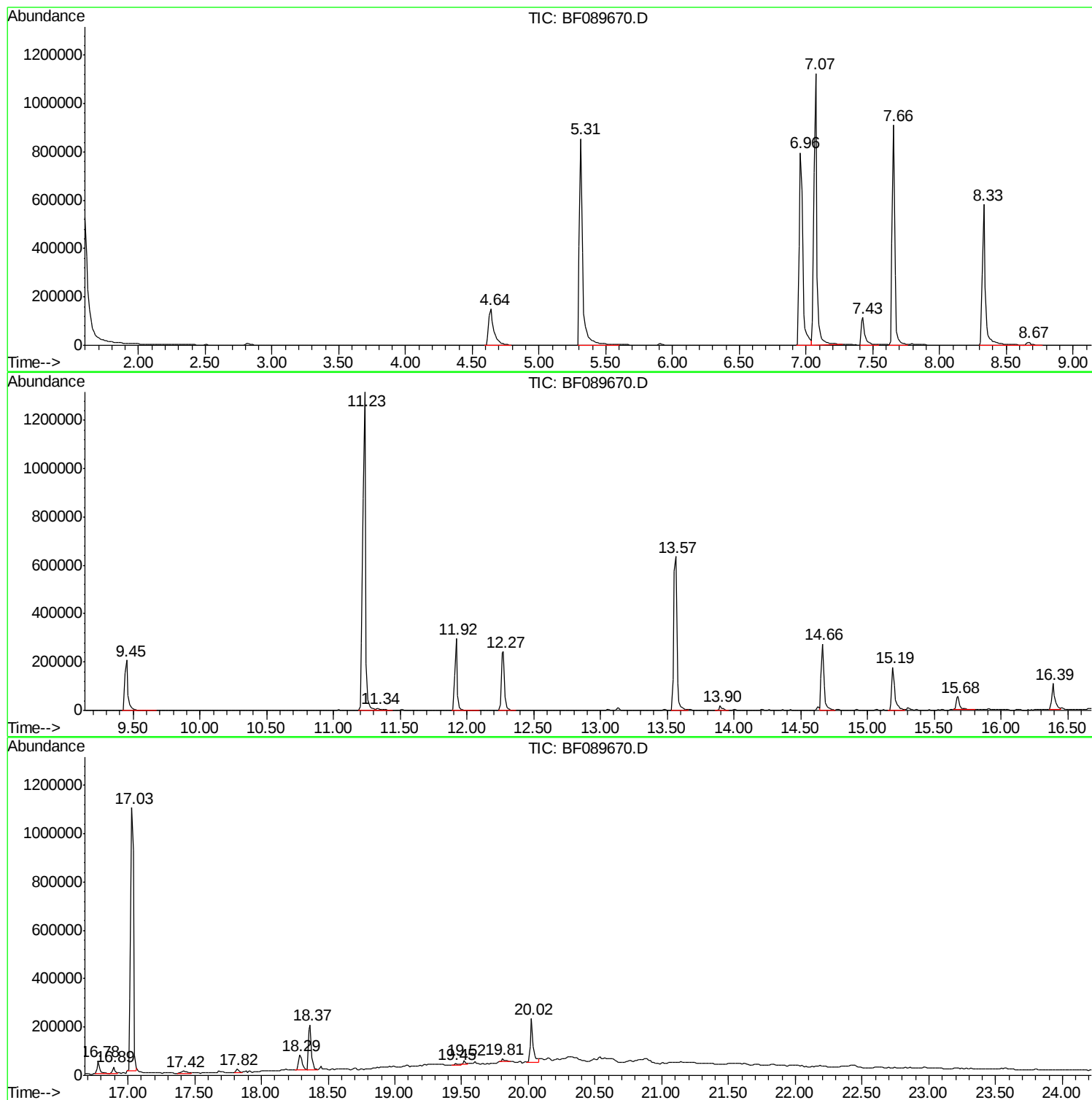
Sum of corrected areas: 15044163

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
Data File : BF089670.D
Acq On : 8 Aug 2016 20:08
Operator : UM/SJ
Sample : H4364-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMA-OS-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.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\BF080816\
Data File : BF089670.D
Acq On : 8 Aug 2016 20:08
Operator : UM/SJ
Sample : H4364-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMA-OS-02

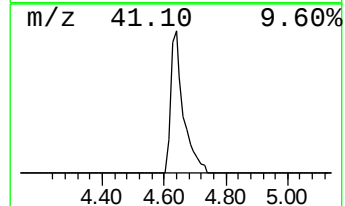
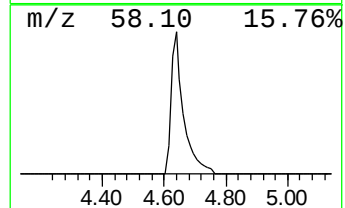
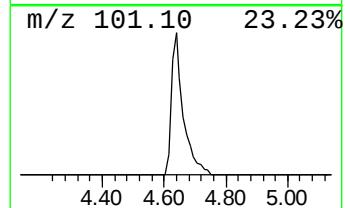
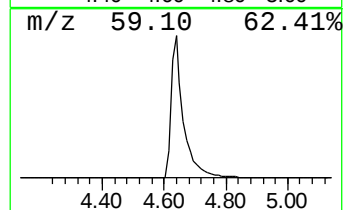
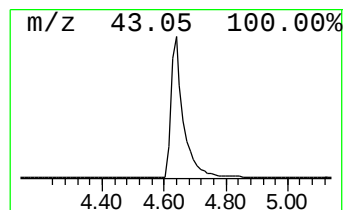
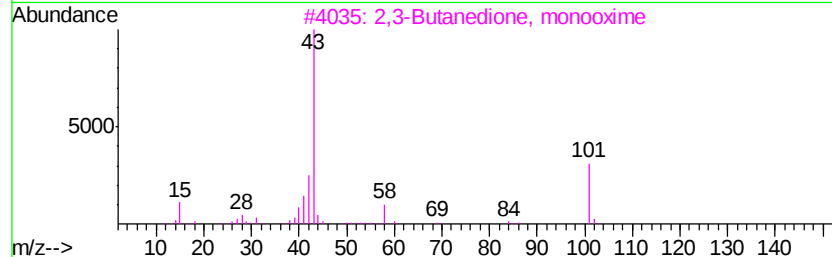
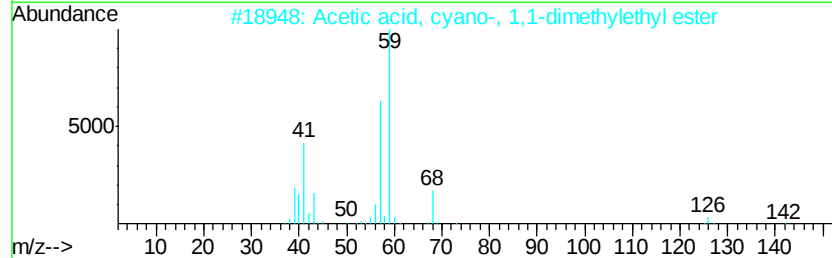
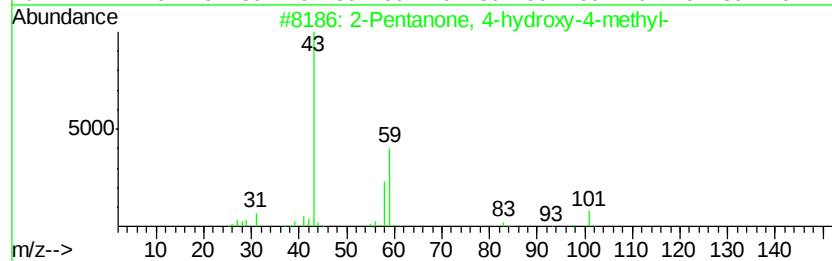
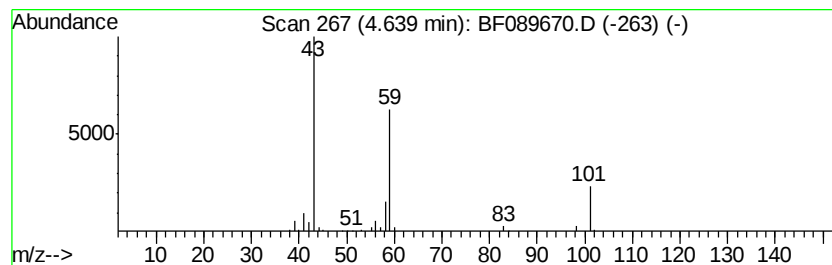
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	35.89 ng	401008	1,4-Dichlorobenzene-d4	7.43

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4		Acetone	58	C3H6O	000067-64-1	10
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
Data File : BF089670.D
Acq On : 8 Aug 2016 20:08
Operator : UM/SJ
Sample : H4364-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMA-OS-02

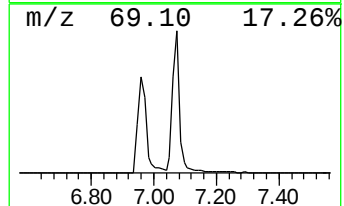
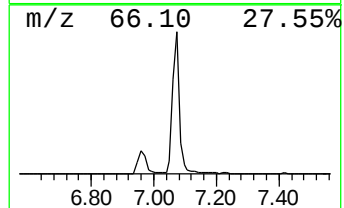
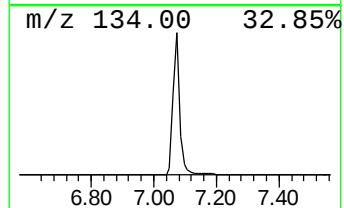
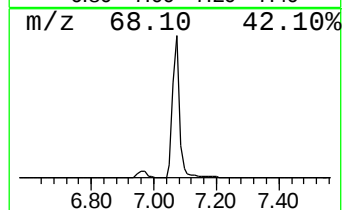
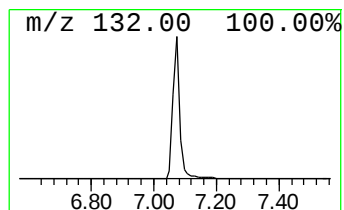
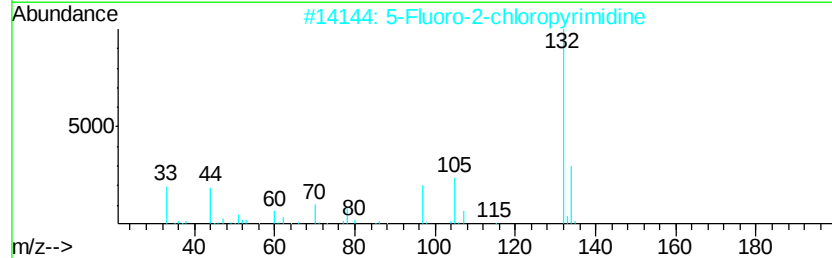
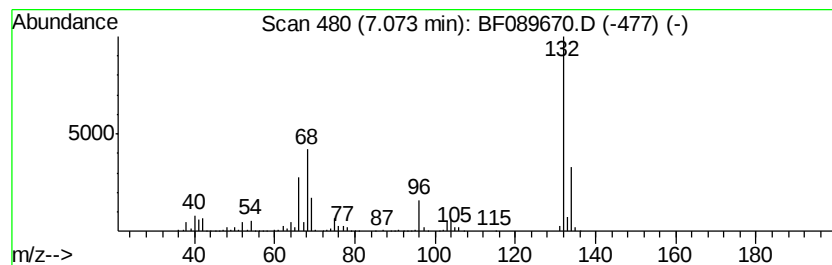
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown7.07 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	150.35 ng	1680040	1,4-Dichlorobenzene-d4	7.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
Data File : BF089670.D
Acq On : 8 Aug 2016 20:08
Operator : UM/SJ
Sample : H4364-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMA-OS-02

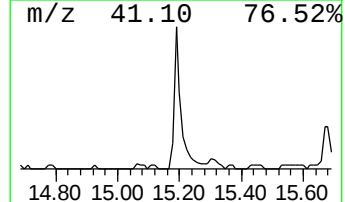
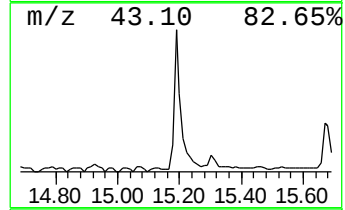
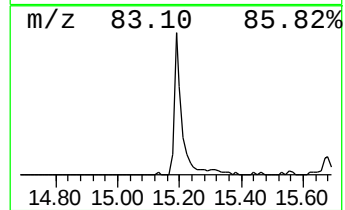
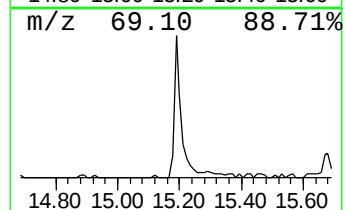
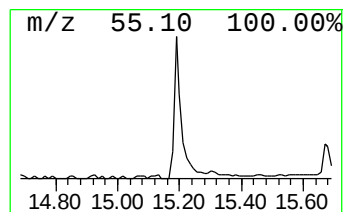
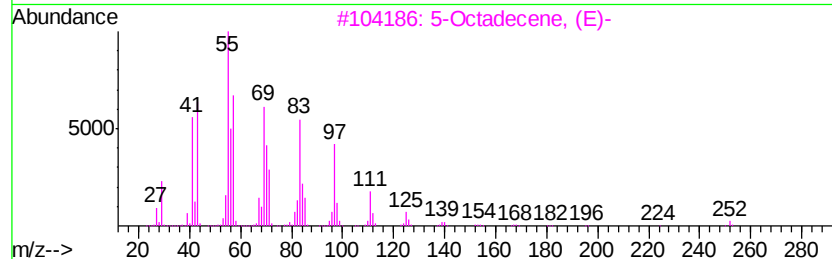
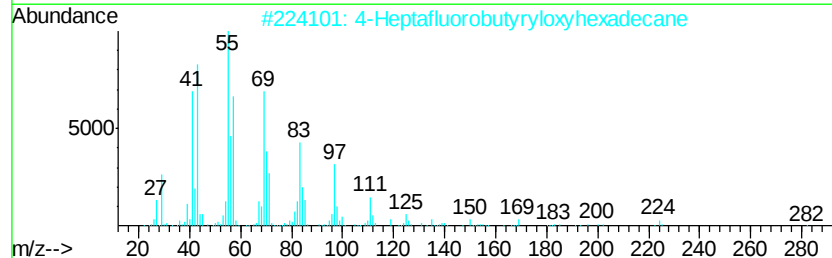
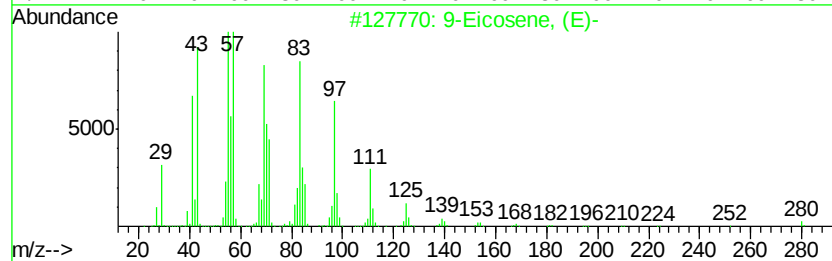
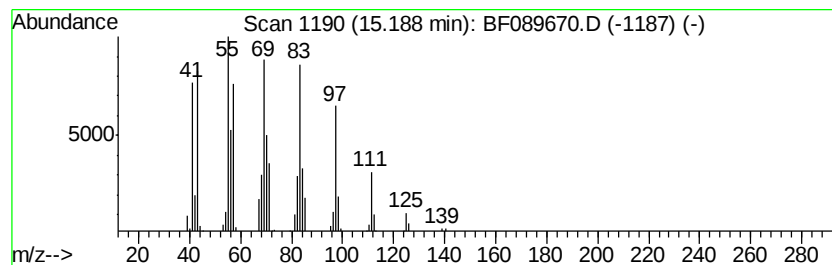
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 9-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	14.50 ng	282583	Phenanthrene-d10	14.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-		280	C20H40	074685-29-3	91
2	4-Heptafluorobutyryloxyhexadecane		438	C20H33F7O2	1000282-97-2	91
3	5-Octadecene, (E)-		252	C18H36	007206-21-5	91
4	9-Octadecene, (E)-		252	C18H36	007206-25-9	91
5	1-Hexadecanol		242	C16H34O	036653-82-4	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
Data File : BF089670.D
Acq On : 8 Aug 2016 20:08
Operator : UM/SJ
Sample : H4364-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMA-OS-02

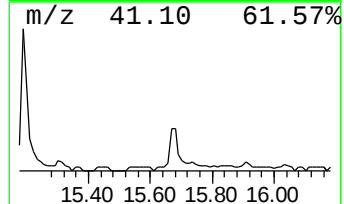
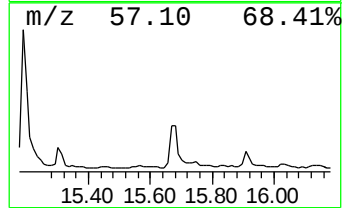
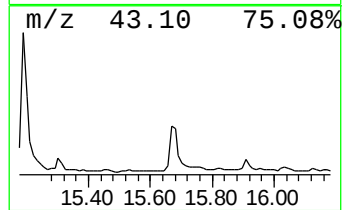
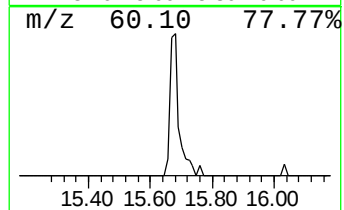
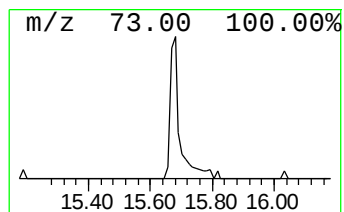
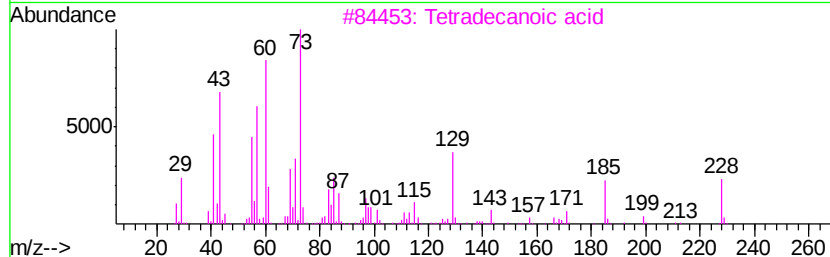
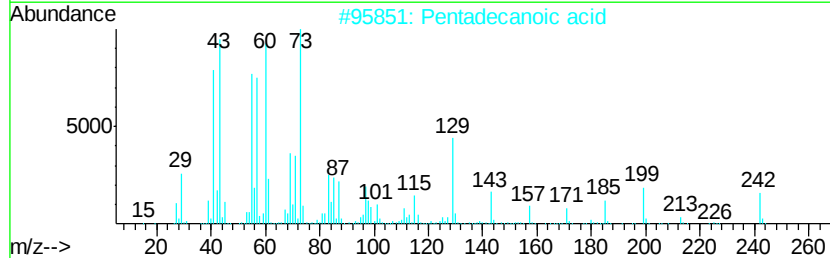
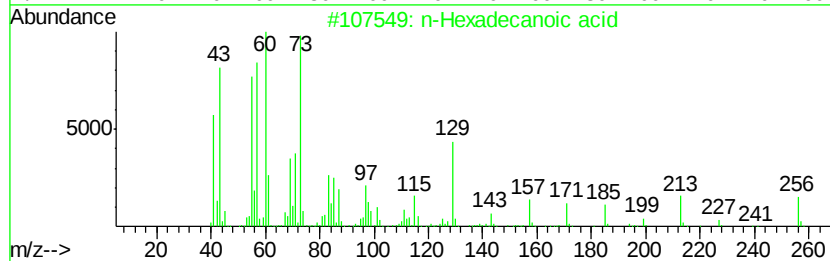
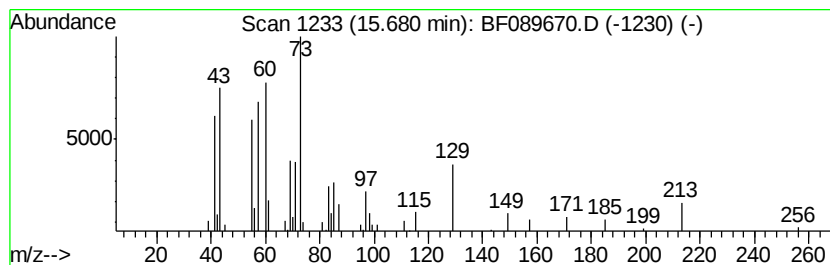
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	5.67 ng	110563	Phenanthrene-d10	14.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4		Tridecanoic acid	214	C13H26O2	000638-53-9	64
5		Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
Data File : BF089670.D
Acq On : 8 Aug 2016 20:08
Operator : UM/SJ
Sample : H4364-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

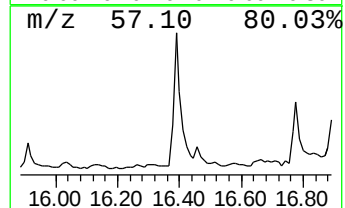
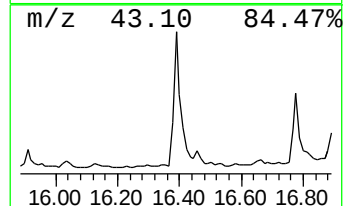
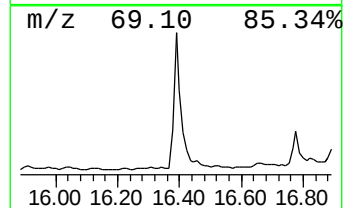
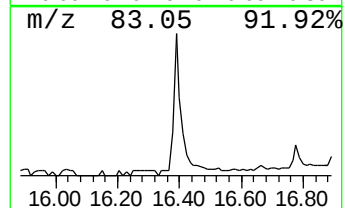
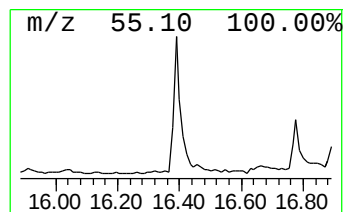
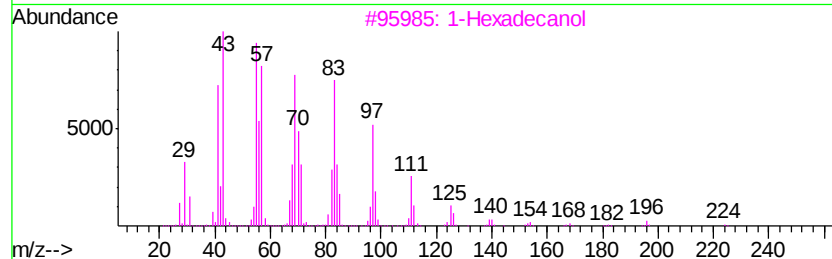
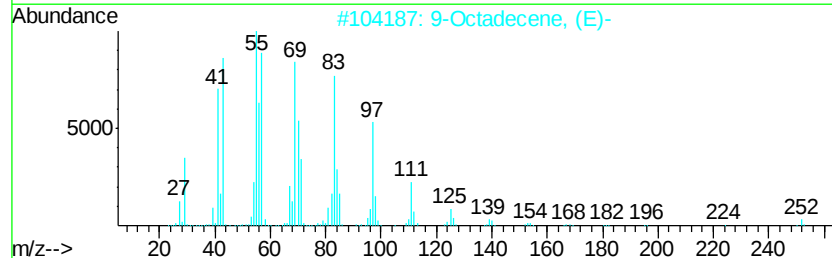
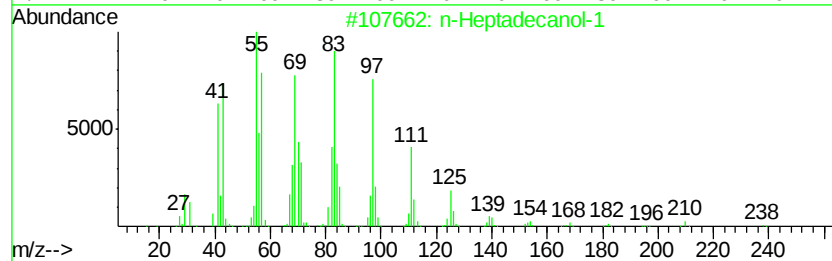
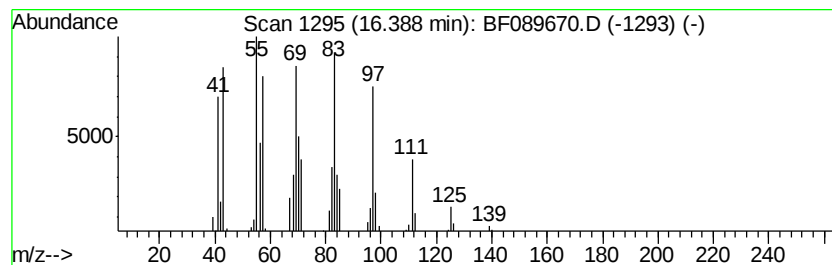
Instrument :
BNA_F
ClientSampleID :
MMA-OS-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Heptadecanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.39	8.88 ng	173172	Phenanthrene-d10		14.66
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Heptadecanol-1	256	C17H36O	001454-85-9	95
2	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
3	1-Hexadecanol	242	C16H34O	036653-82-4	91
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
Data File : BF089670.D
Acq On : 8 Aug 2016 20:08
Operator : UM/SJ
Sample : H4364-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMA-OS-02

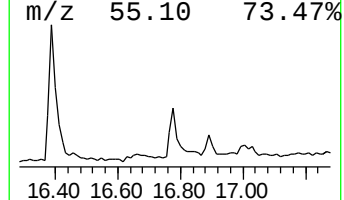
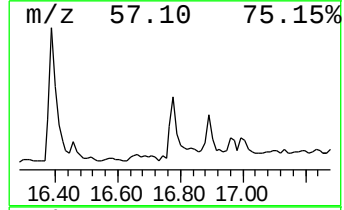
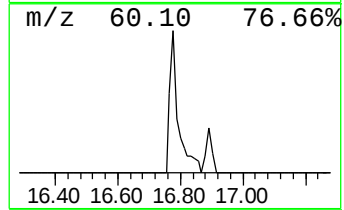
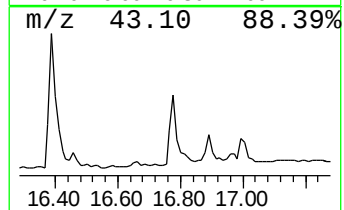
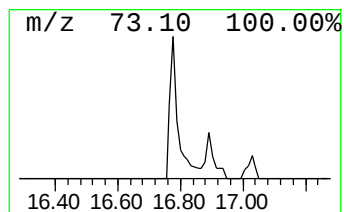
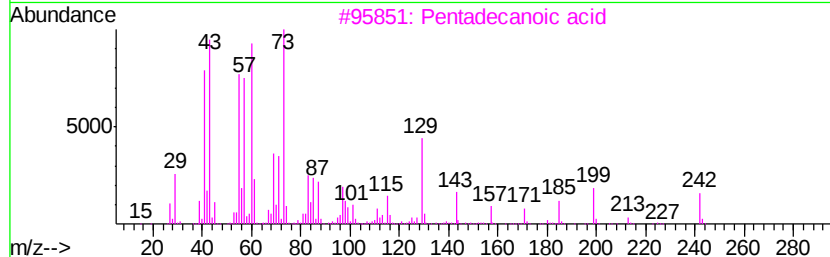
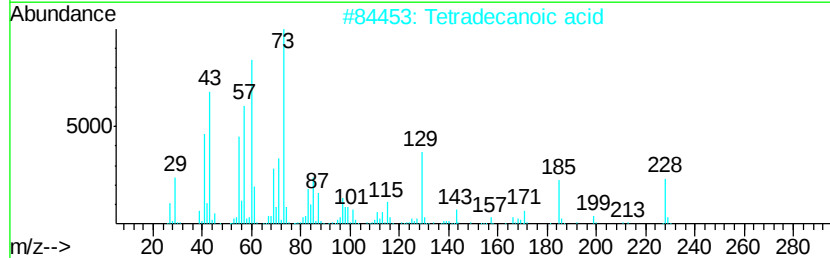
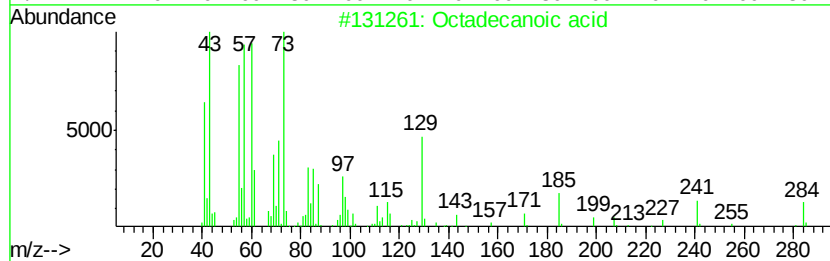
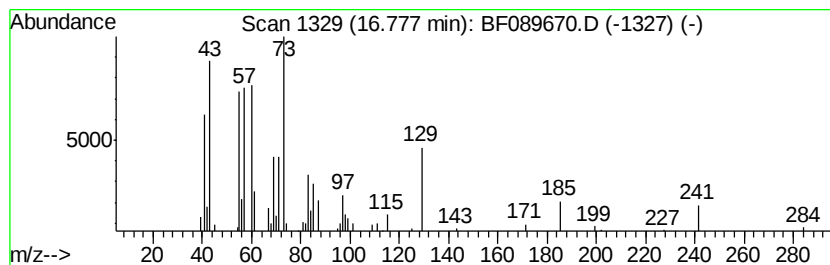
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	5.92 ng	86872	Chrysene-d12	18.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
5		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
Data File : BF089670.D
Acq On : 8 Aug 2016 20:08
Operator : UM/SJ
Sample : H4364-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMA-OS-02

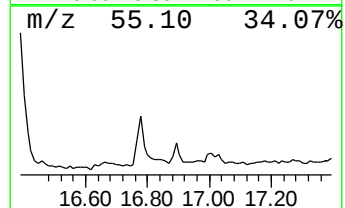
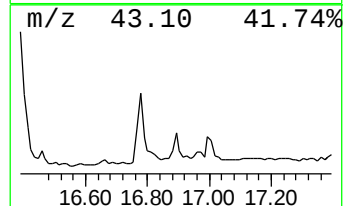
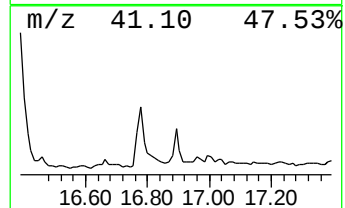
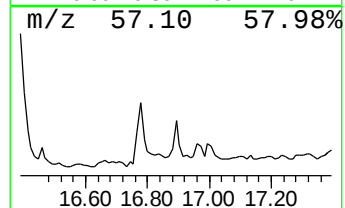
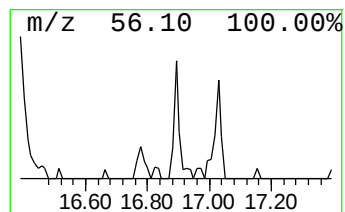
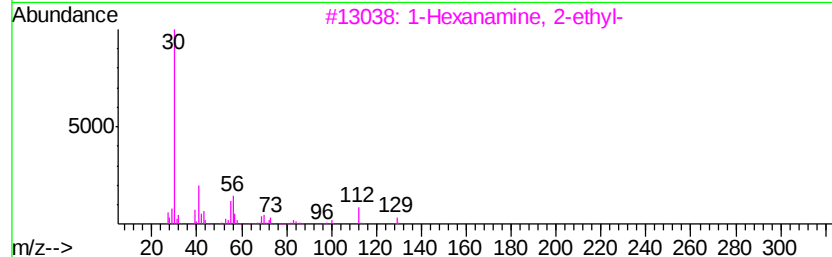
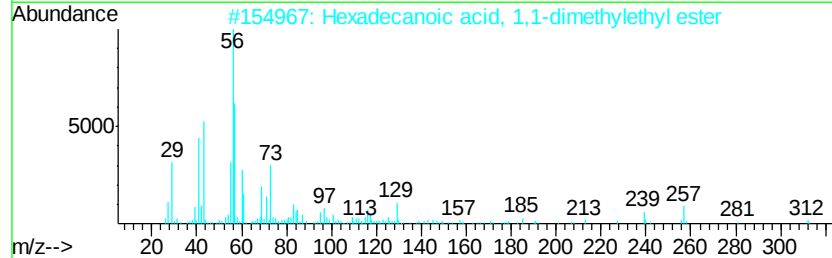
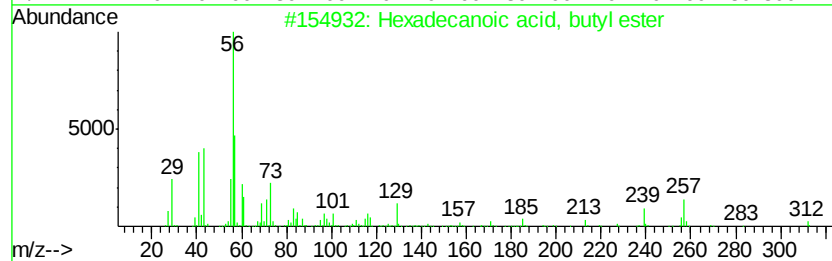
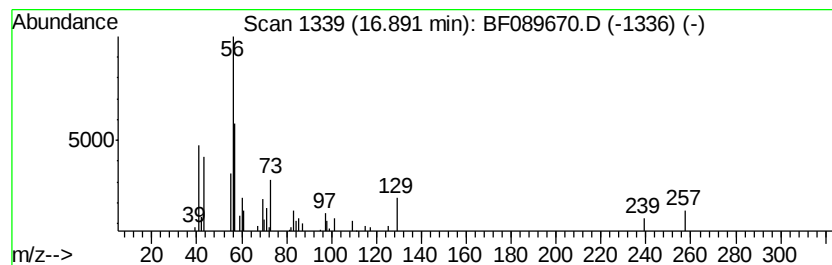
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecanoic acid, butyl ester Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	2.03 ng	29731	Chrysene-d12	18.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	53
3		1-Hexanamine, 2-ethyl-	129	C8H19N	000104-75-6	47
4		Hexanoic acid, butyl ester	172	C10H20O2	000626-82-4	43
5		1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
Data File : BF089670.D
Acq On : 8 Aug 2016 20:08
Operator : UM/SJ
Sample : H4364-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMA-OS-02

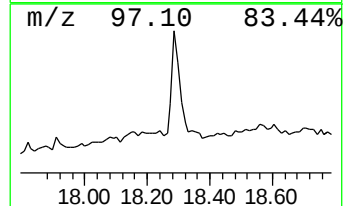
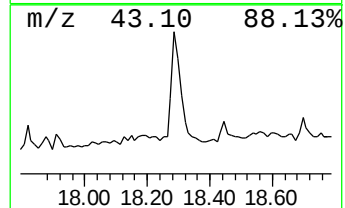
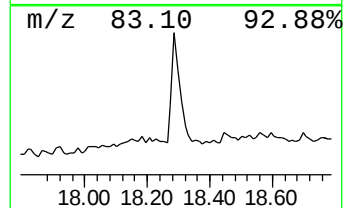
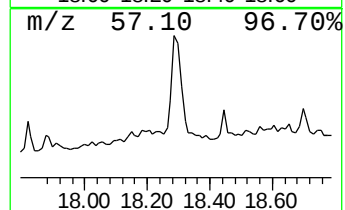
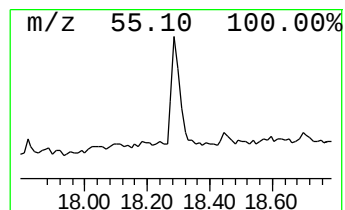
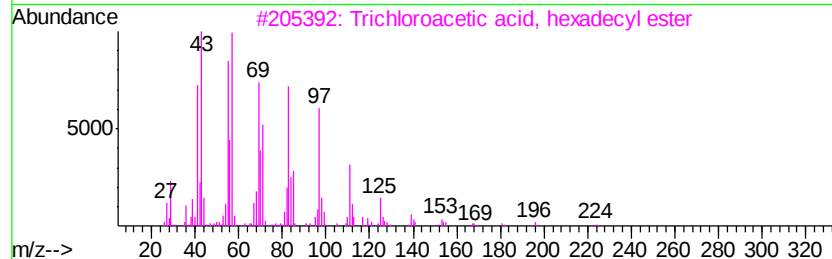
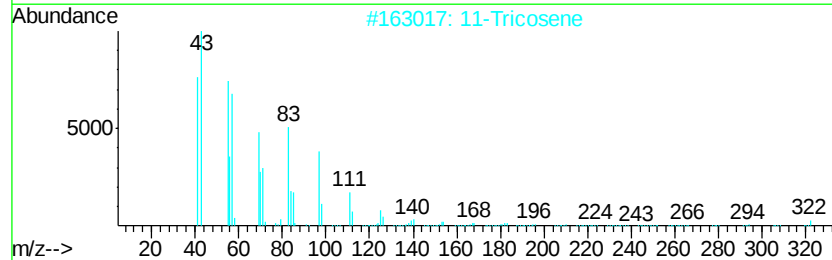
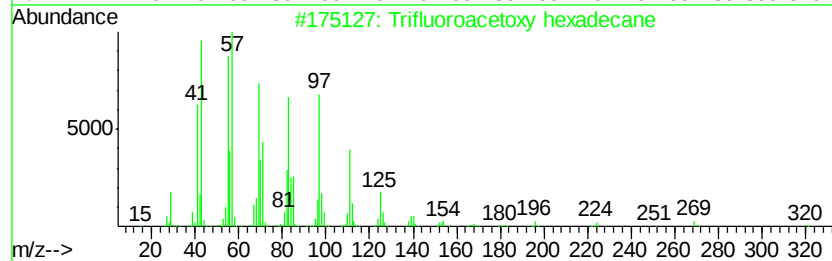
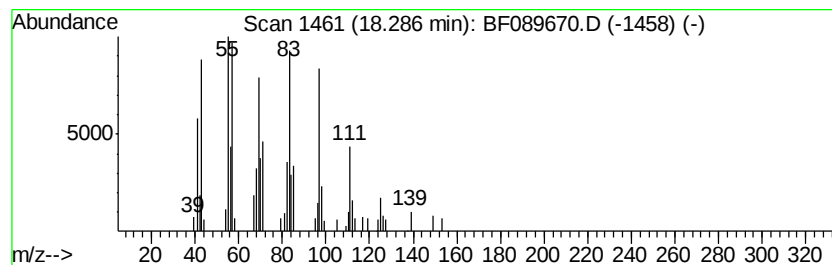
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Trifluoroacetoxy hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	7.67 ng	112524	Chrysene-d12	18.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
2		11-Tricosene	322	C23H46	052078-56-5	91
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4		1-Heneicosanol	312	C21H44O	015594-90-8	91
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
Data File : BF089670.D
Acq On : 8 Aug 2016 20:08
Operator : UM/SJ
Sample : H4364-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMA-OS-02

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.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...	4.64	35.9	ng	401008	1	7.43	223491	20.0
unknown7.07	7.07	150.3	ng	1680040	1	7.43	223491	20.0
9-Eicosene, (E)-	15.19	14.5	ng	282583	4	14.66	389840	20.0
n-Hexadecanoic acid	15.68	5.7	ng	110563	4	14.66	389840	20.0
n-Heptadecanol-1	16.39	8.9	ng	173172	4	14.66	389840	20.0
Octadecanoic acid	16.78	5.9	ng	86872	5	18.37	293282	20.0
Hexadecanoic acid...	16.89	2.0	ng	29731	5	18.37	293282	20.0
Trifluoroacetoxy ...	18.29	7.7	ng	112524	5	18.37	293282	20.0