

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
 Data File : BF089446.D
 Acq On : 30 Jul 2016 9:39
 Operator : UM/SJ
 Sample : H4222-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

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-BF072716.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	1.678	6	8	48	rVB	1018959	2265898	100.00%	20.755%
2	4.604	262	264	277	rVB	188787	349925	15.44%	3.205%
3	5.084	304	306	330	rBV	635196	935748	41.30%	8.571%
4	6.182	399	402	409	rBV	775117	1002507	44.24%	9.183%
5	6.284	409	411	422	rVB	1047918	1025645	45.26%	9.395%
6	6.513	430	431	442	rBV5	200885	243461	10.74%	2.230%
7	6.673	442	445	447	rBV	755242	745895	32.92%	6.832%
8	7.084	479	481	492	rBV	359565	559383	24.69%	5.124%
9	7.805	542	544	546	rBV	293129	275703	12.17%	2.525%
10	8.879	636	638	641	rBV	1072211	925880	40.86%	8.481%
11	9.279	671	673	676	rBV	155531	131154	5.79%	1.201%
12	9.542	694	696	699	rBV	306912	278496	12.29%	2.551%
13	10.331	763	765	773	rVB	481556	466745	20.60%	4.275%
14	10.468	775	777	780	rBV	24560	27027	1.19%	0.248%
15	11.016	823	825	830	rBV	276927	251415	11.10%	2.303%
16	11.268	845	847	851	rBV	17010	25566	1.13%	0.234%
17	12.091	917	919	924	rVB	16513	30339	1.34%	0.278%
18	12.594	961	963	966	rBV	620292	784618	34.63%	7.187%
19	13.508	1041	1043	1052	rBV	34595	61823	2.73%	0.566%
20	13.634	1052	1054	1057	rBV	304362	299404	13.21%	2.743%
21	14.148	1095	1099	1102	rBV2	12285	26921	1.19%	0.247%
22	14.971	1168	1171	1174	rBV	172116	203561	8.98%	1.865%

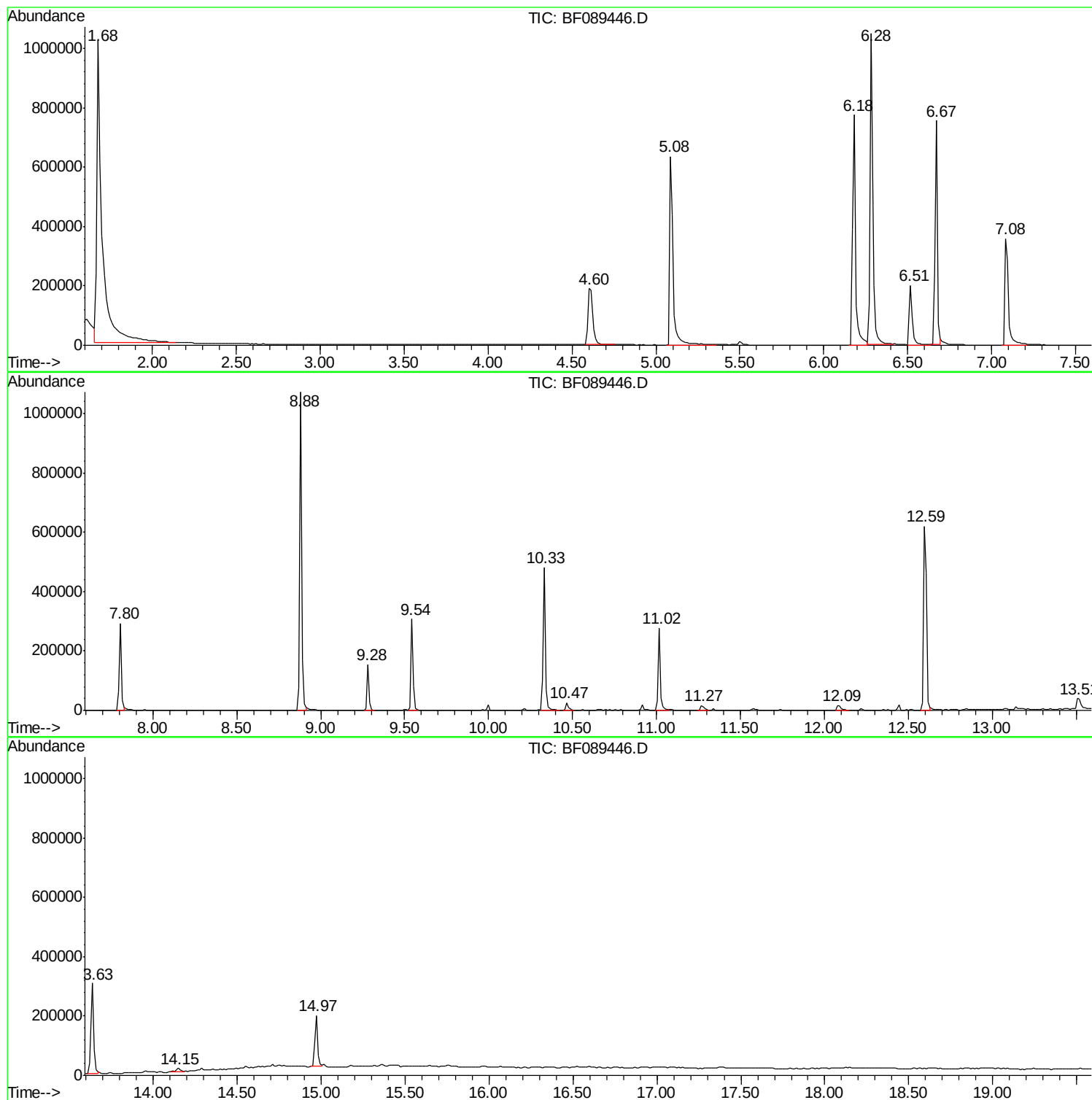
Sum of corrected areas: 10917114

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089446.D
Acq On : 30 Jul 2016 9:39
Operator : UM/SJ
Sample : H4222-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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\BF073016\
Data File : BF089446.D
Acq On : 30 Jul 2016 9:39
Operator : UM/SJ
Sample : H4222-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

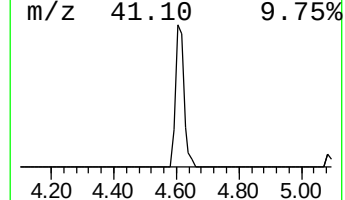
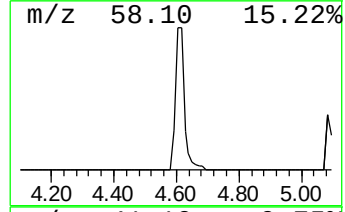
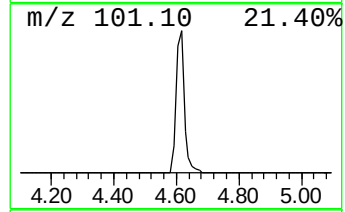
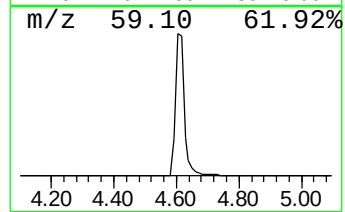
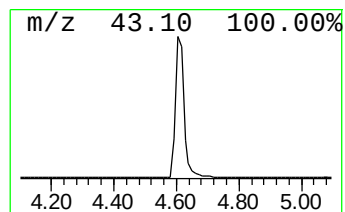
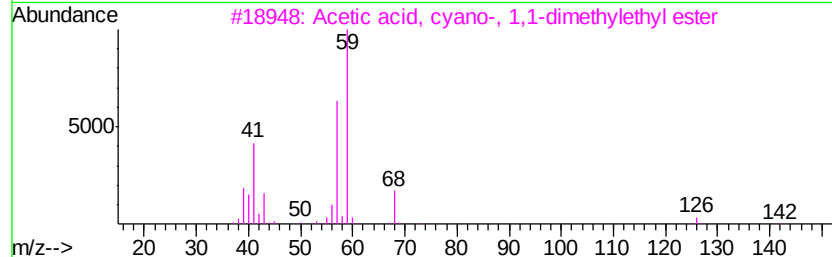
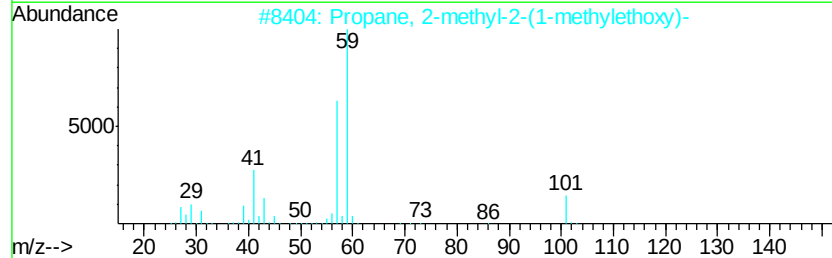
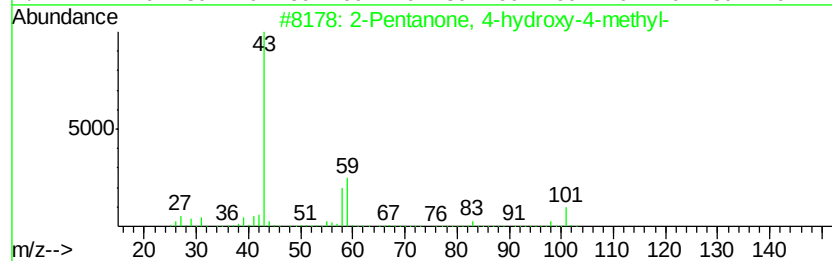
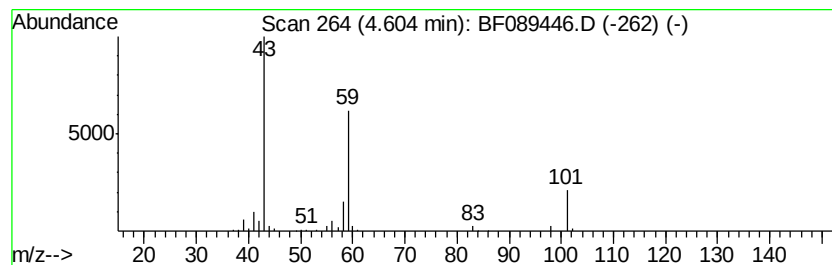
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	28.75 ng	349925	1,4-Dichlorobenzene-d4	6.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089446.D
Acq On : 30 Jul 2016 9:39
Operator : UM/SJ
Sample : H4222-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

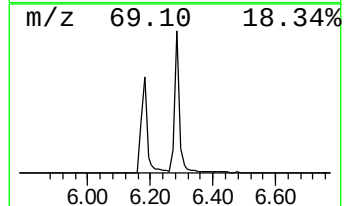
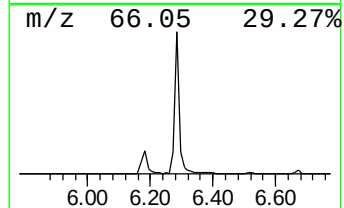
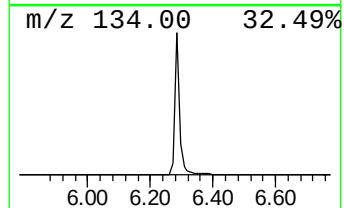
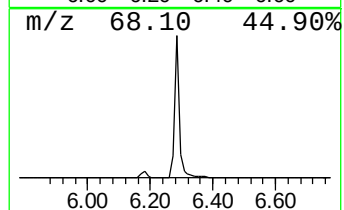
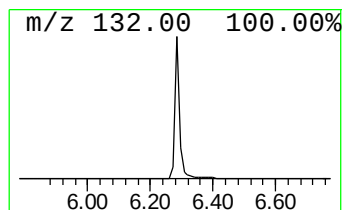
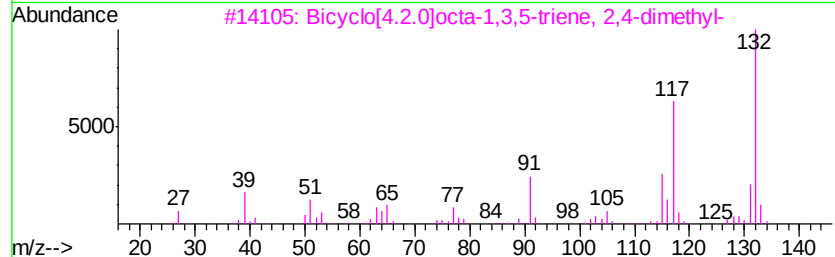
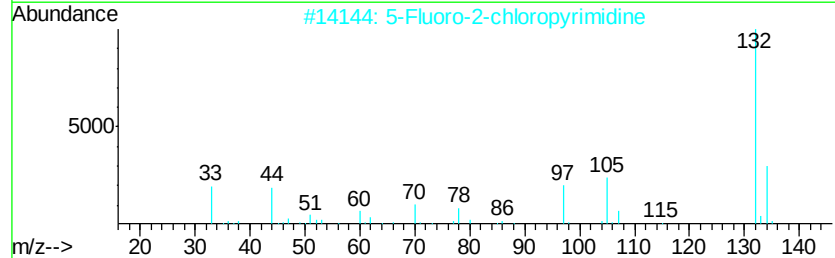
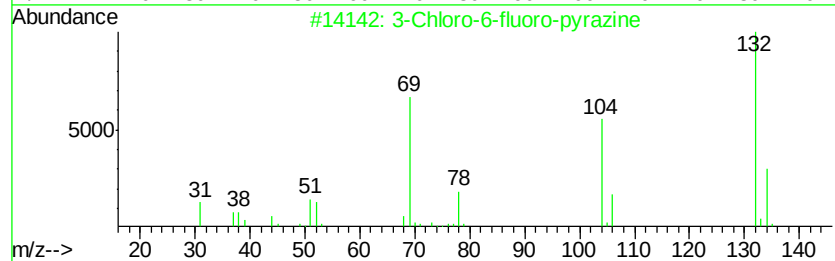
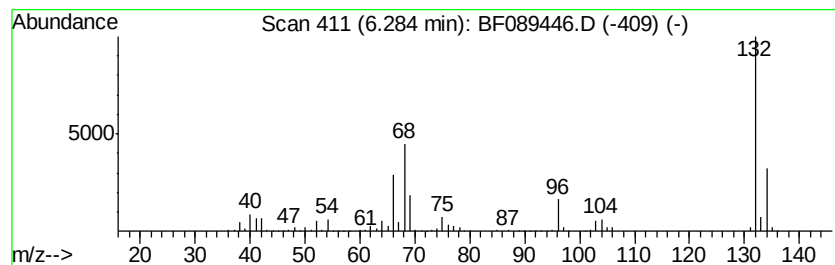
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.28 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.28	84.26 ng	1025650	1,4-Dichlorobenzene-d4	6.51

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		Bicyclo[4.2.0]octa-1,3,5-triene, ...	132	C10H12	028749-81-7	9
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089446.D
Acq On : 30 Jul 2016 9:39
Operator : UM/SJ
Sample : H4222-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

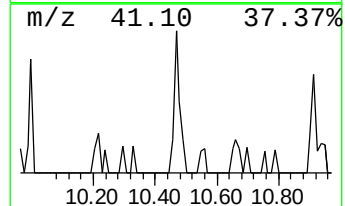
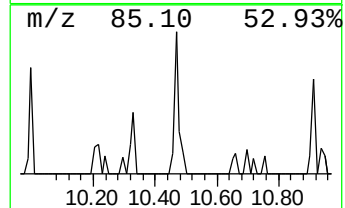
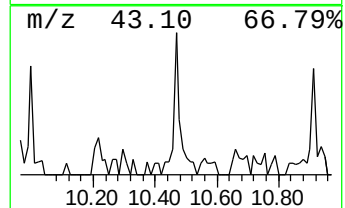
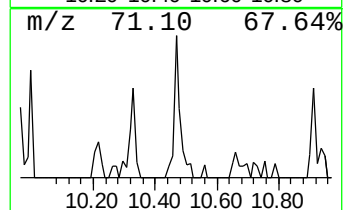
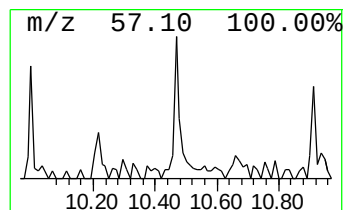
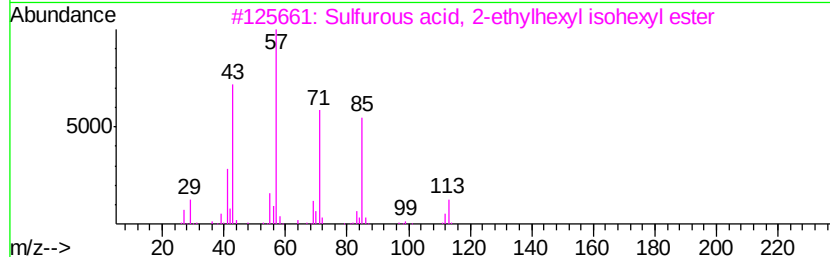
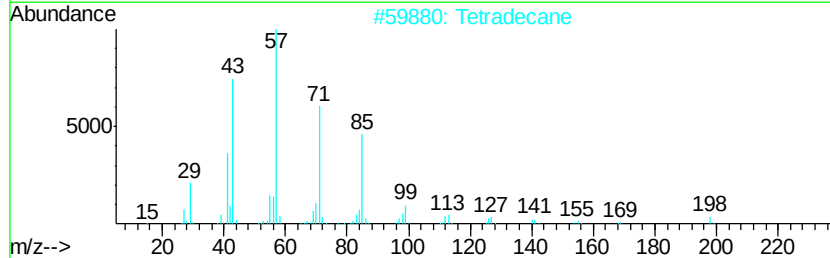
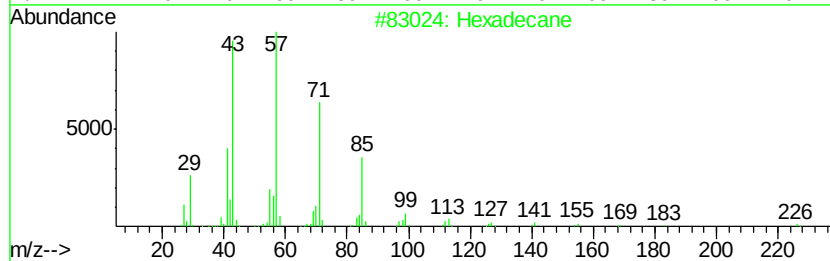
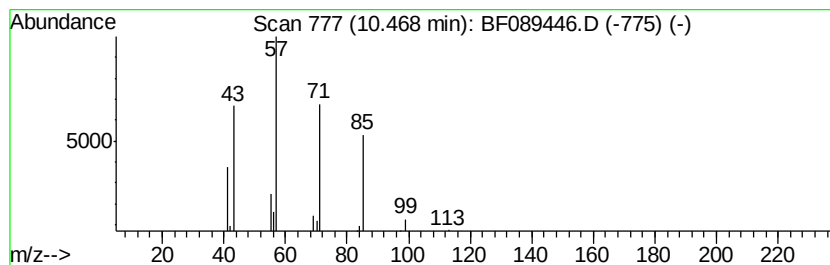
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.47	2.15 ng	27027	Phenanthrene-d10	11.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	78
2	Tetradecane	198	C14H30	000629-59-4	78
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089446.D
Acq On : 30 Jul 2016 9:39
Operator : UM/SJ
Sample : H4222-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

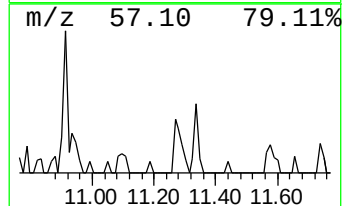
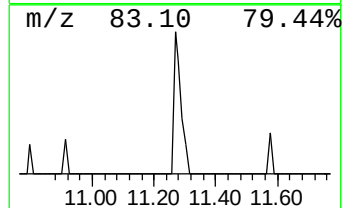
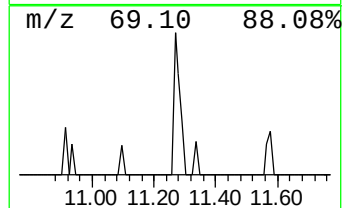
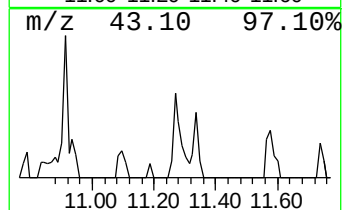
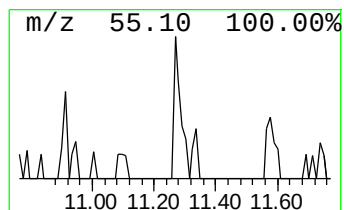
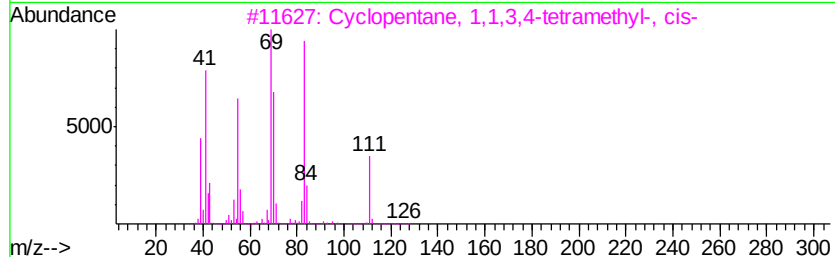
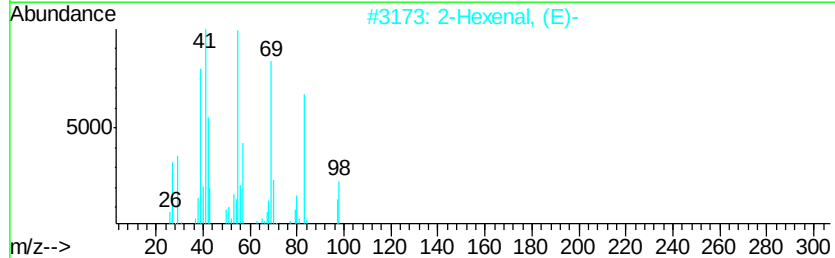
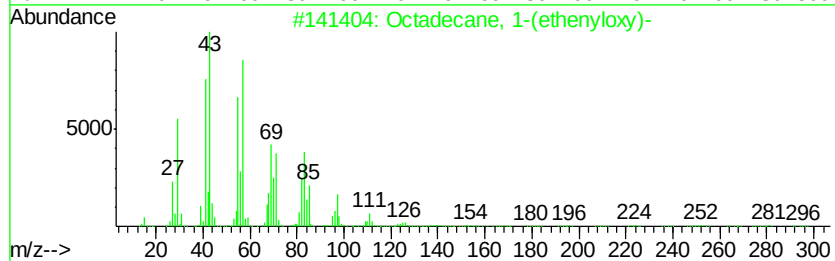
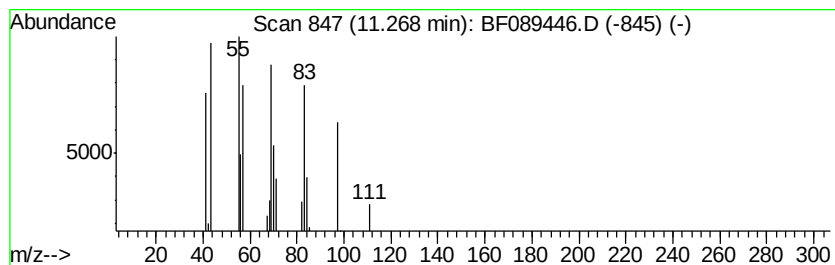
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown11.27 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.27	2.03 ng	25566	Phenanthrene-d10		11.02
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	45
2	2-Hexenal, (E)-	98	C6H10O	006728-26-3	43
3	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	053907-60-1	38
4	1-Fluorononane	146	C9H19F	000463-18-3	38
5	2,4,6,8-Tetramethyl-1-undecene	210	C15H30	059920-26-2	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089446.D
Acq On : 30 Jul 2016 9:39
Operator : UM/SJ
Sample : H4222-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

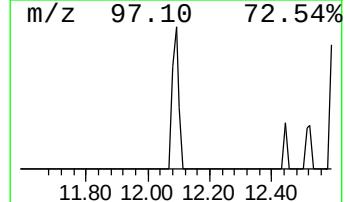
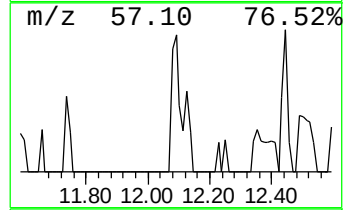
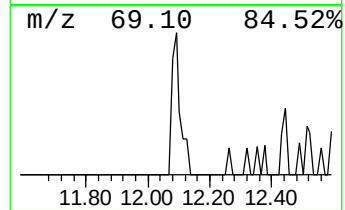
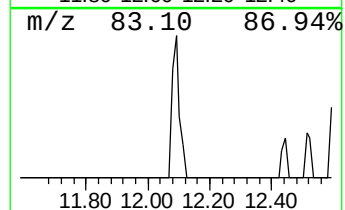
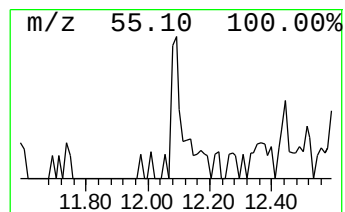
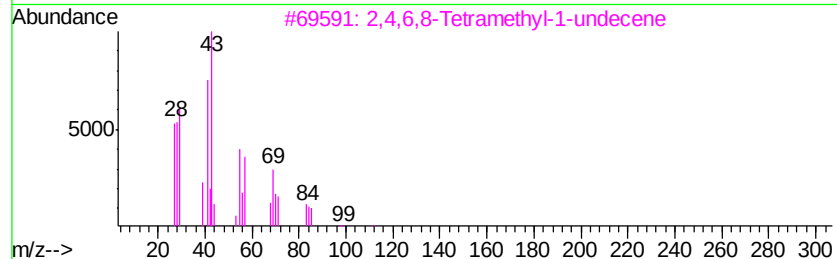
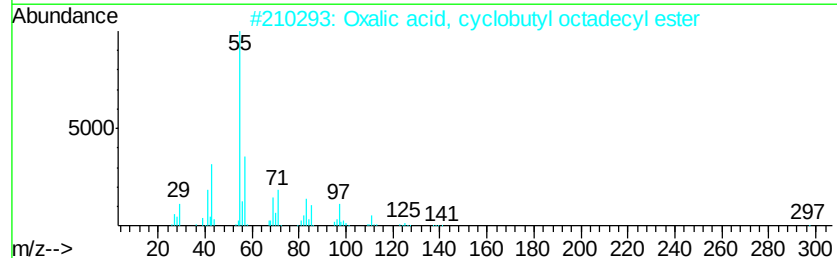
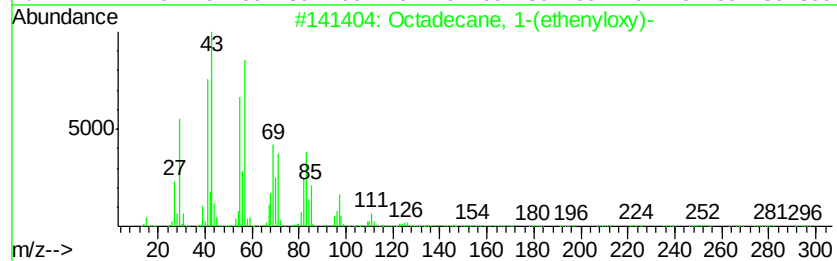
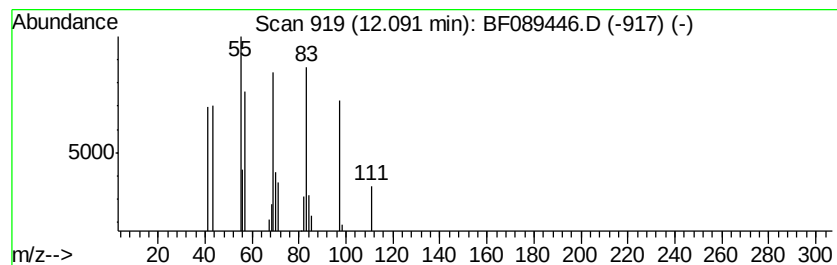
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecane, 1-(ethenyloxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	2.41 ng	30339	Phenanthrene-d10	11.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecane, 1-(ethenyloxy)-	296 C20H400	000930-02-9 78	
2	Oxalic acid, cyclobutyl octadecy...	396 C24H4404	1000309-70-8 47	
3	2,4,6,8-Tetramethyl-1-undecene	210 C15H30	059920-26-2 47	
4	Oxalic acid, allyl octadecyl ester	382 C23H4204	1000309-24-5 45	
5	(S)-(+)-5-Methyl-1-heptanol	130 C8H180	057803-73-3 43	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089446.D
Acq On : 30 Jul 2016 9:39
Operator : UM/SJ
Sample : H4222-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

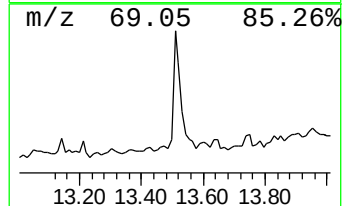
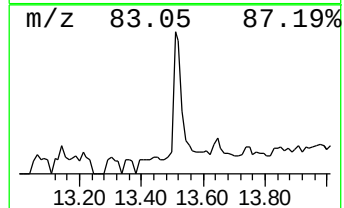
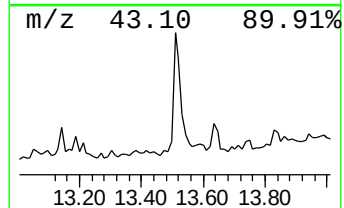
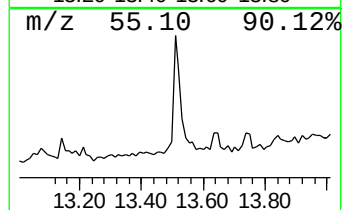
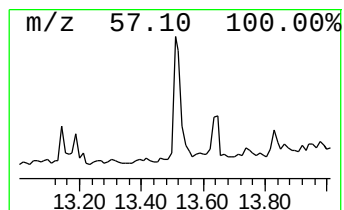
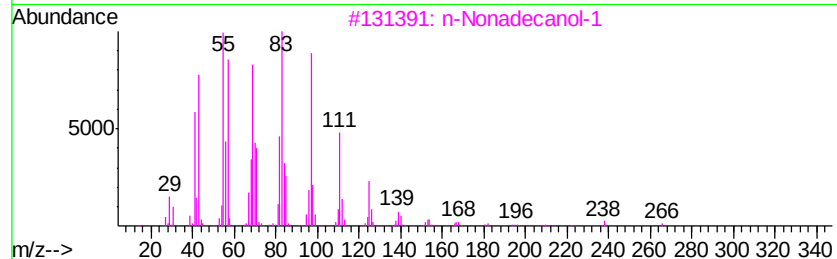
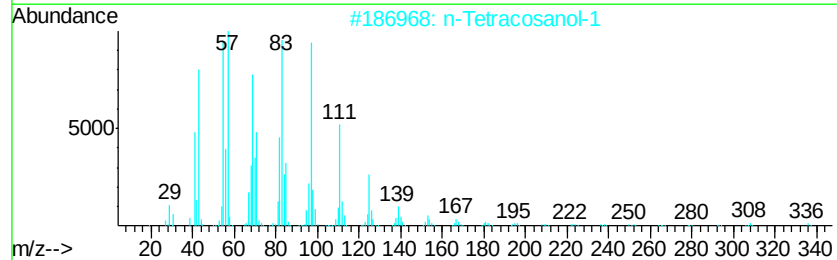
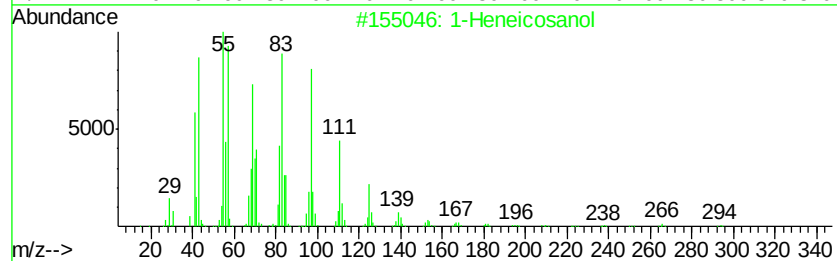
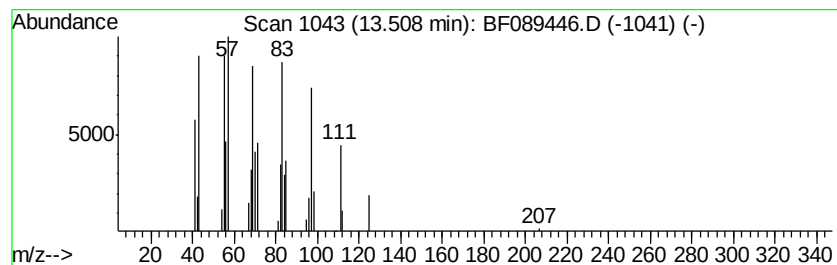
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.51	4.13 ng	61823	Chrysene-d12	13.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
5	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089446.D
Acq On : 30 Jul 2016 9:39
Operator : UM/SJ
Sample : H4222-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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...	4.60	28.8	ng	349925	1	6.51	243461	20.0
unknown6.28	6.28	84.3	ng	1025650	1	6.51	243461	20.0
Hexadecane	10.47	2.1	ng	27027	4	11.02	251415	20.0
unknown11.27	11.27	2.0	ng	25566	4	11.02	251415	20.0
Octadecane, 1-(et...	12.09	2.4	ng	30339	4	11.02	251415	20.0
1-Heneicosanol	13.51	4.1	ng	61823	5	13.63	299404	20.0