

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
 Data File : BF090322.D
 Acq On : 30 Sep 2016 19:55
 Operator : UM/SJ
 Sample : H5023-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-AREA-CD-09272016

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-BF092016.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	1.633	3	4	31	rVB	2899423	7202959	100.00%	23.864%
2	1.964	31	33	51	rVB4	36570	165316	2.30%	0.548%
3	2.799	99	106	112	rBV	83365	215211	2.99%	0.713%
4	4.524	254	257	264	rBV	323704	506792	7.04%	1.679%
5	5.016	298	300	303	rBV	1813813	2146021	29.79%	7.110%
6	5.873	369	375	379	rBV4	43837	140765	1.95%	0.466%
7	6.125	394	397	403	rBV	2016245	2541422	35.28%	8.420%
8	6.227	403	406	408	rVB	2080977	2456928	34.11%	8.140%
9	6.456	424	426	428	rBV	554858	679650	9.44%	2.252%
10	6.547	432	434	437	rVV	143722	232025	3.22%	0.769%
11	6.605	437	439	442	rVV	1700414	1766817	24.53%	5.854%
12	6.902	460	465	467	rBV2	66789	172809	2.40%	0.573%
13	7.027	473	476	478	rBV	1580031	1578958	21.92%	5.231%
14	7.530	518	520	526	rVV5	63876	177886	2.47%	0.589%
15	7.656	530	531	534	rVV	132375	120794	1.68%	0.400%
16	7.736	536	538	541	rVV	652684	916567	12.72%	3.037%
17	7.839	545	547	550	rVB	153676	137628	1.91%	0.456%
18	8.090	567	569	572	rBV	374891	383571	5.33%	1.271%
19	8.822	631	633	635	rBV	2420993	2016973	28.00%	6.683%
20	8.959	643	645	649	rVB4	29928	78382	1.09%	0.260%
21	9.222	666	668	671	rVV	718182	678741	9.42%	2.249%
22	9.336	675	678	683	rVB3	55681	149447	2.07%	0.495%
23	9.485	689	691	693	rBV	1135309	966366	13.42%	3.202%
24	10.159	744	750	752	rBV4	42497	126681	1.76%	0.420%
25	10.274	757	760	762	rBV2	786935	1143147	15.87%	3.787%
26	10.411	771	772	775	rBV2	97019	126072	1.75%	0.418%
27	10.502	778	780	782	rVV2	84170	93617	1.30%	0.310%
28	10.536	782	783	786	rVB3	90577	103113	1.43%	0.342%
29	10.948	817	819	822	rBV	754567	788689	10.95%	2.613%
30	11.016	824	825	826	rBV	92793	92043	1.28%	0.305%
31	11.142	835	836	839	rBV	233374	340221	4.72%	1.127%
32	11.211	840	842	844	rVV	108555	136138	1.89%	0.451%
33	11.531	868	870	872	rBV2	277296	317585	4.41%	1.052%
34	12.537	956	958	961	rBV	929802	935923	12.99%	3.101%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
Data File : BF090322.D
Acq On : 30 Sep 2016 19:55
Operator : UM/SJ
Sample : H5023-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-AREA-CD-09272016

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-BF092016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.577	1047	1049	1052	rBV	444785	547558	7.60%	1.814%
----	--------	------	------	------	-----	--------	--------	-------	--------

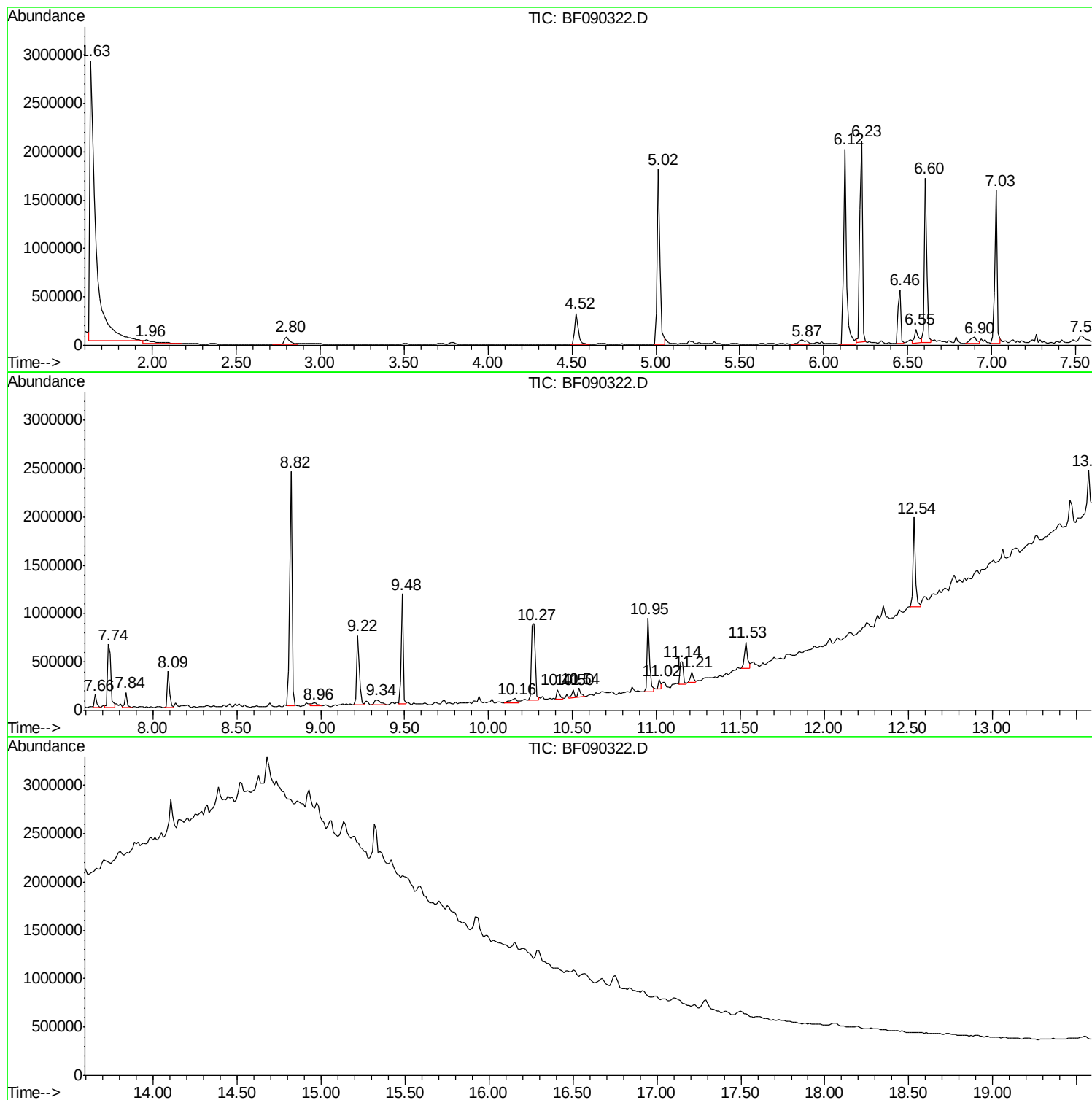
Sum of corrected areas: 30182815

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
Data File : BF090322.D
Acq On : 30 Sep 2016 19:55
Operator : UM/SJ
Sample : H5023-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-AREA-CD-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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\BF093016\
Data File : BF090322.D
Acq On : 30 Sep 2016 19:55
Operator : UM/SJ
Sample : H5023-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-AREA-CD-09272016

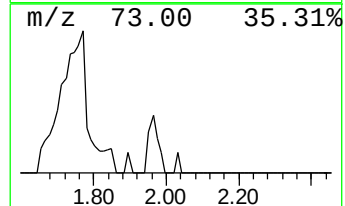
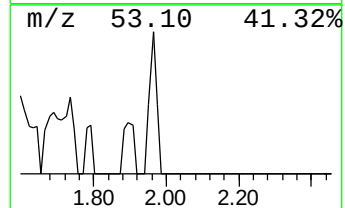
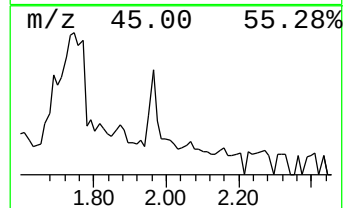
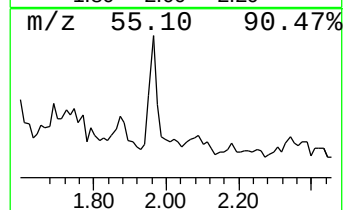
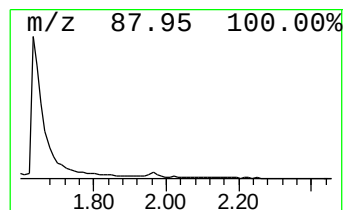
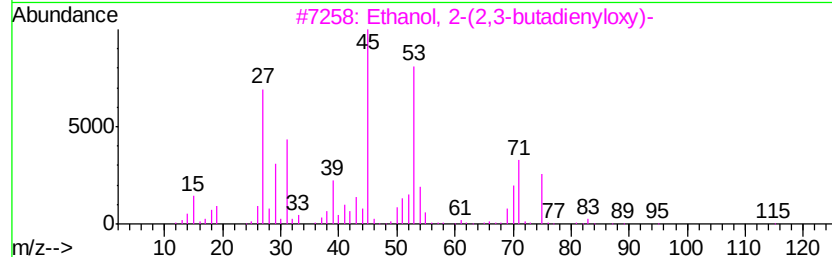
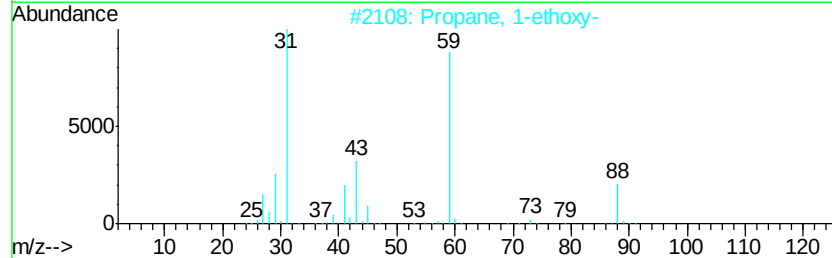
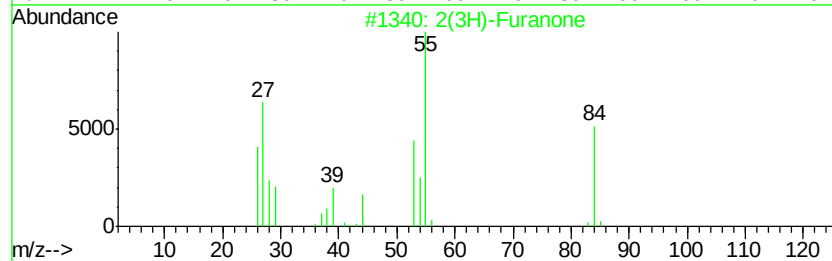
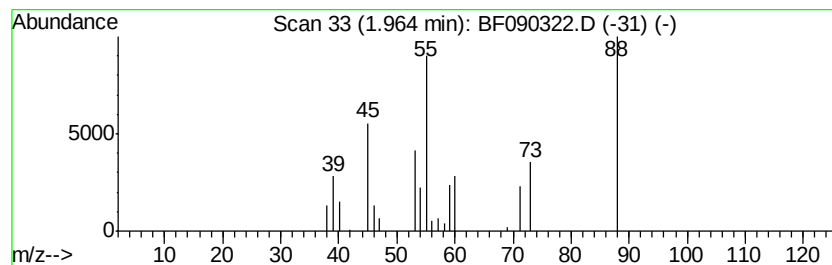
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown1.96 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.96	4.86 ng	165316	1,4-Dichlorobenzene-d4	6.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2(3H)-Furanone	84	C4H4O2	020825-71-2	17
2		Propane, 1-ethoxy-	88	C5H12O	000628-32-0	7
3		Ethanol, 2-(2,3-butadienyl)-	114	C6H10O2	038653-50-8	4
4		2-Propanol, 1-propoxy-	118	C6H14O2	001569-01-3	4
5		Ethanamine, N-methyl-N-nitroso-	88	C3H8N2O	010595-95-6	3



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090322.D
Acq On : 30 Sep 2016 19:55
Operator : UM/SJ
Sample : H5023-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-AREA-CD-09272016

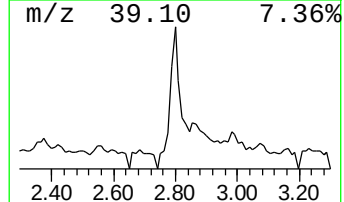
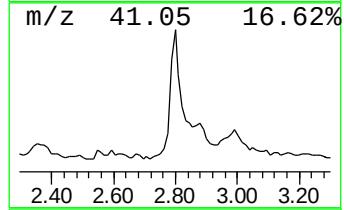
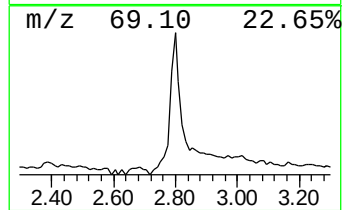
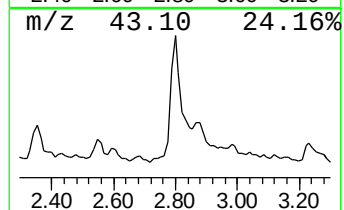
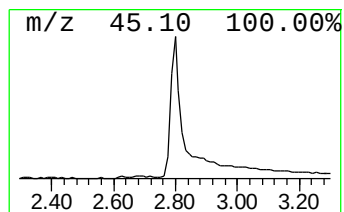
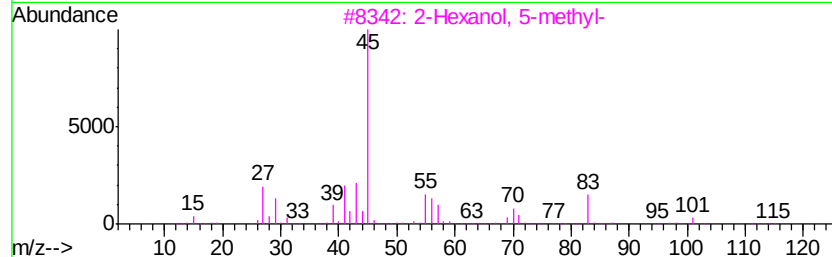
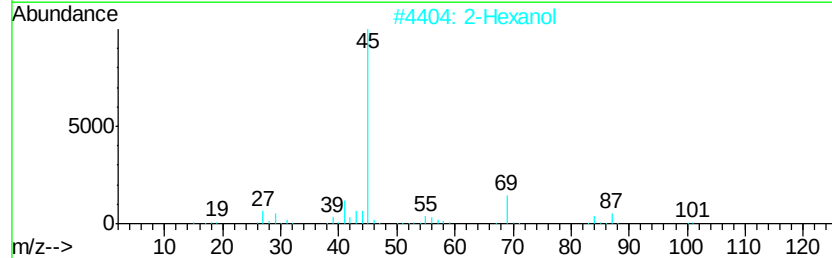
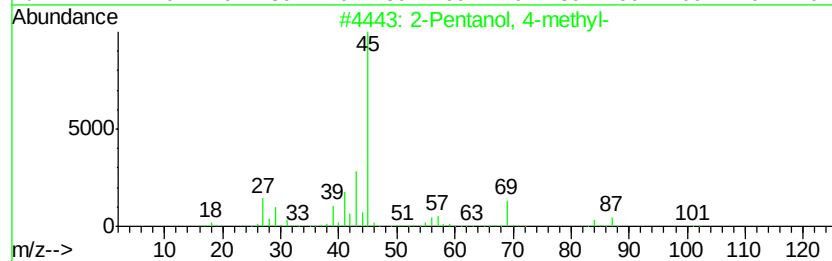
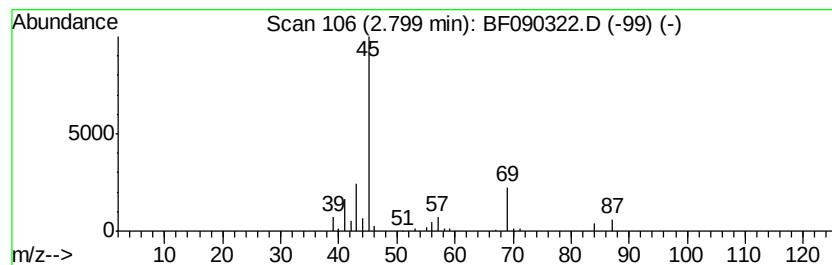
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentanol, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.80	6.33 ng	215211	1,4-Dichlorobenzene-d4	6.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
2		2-Hexanol	102	C6H14O	000626-93-7	78
3		2-Hexanol, 5-methyl-	116	C7H16O	000627-59-8	72
4		(+)-5-Methyl-2-hexanol	116	C7H16O	111768-09-3	64
5		2,3-Butanediol	90	C4H10O2	000513-85-9	39



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
Data File : BF090322.D
Acq On : 30 Sep 2016 19:55
Operator : UM/SJ
Sample : H5023-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-AREA-CD-09272016

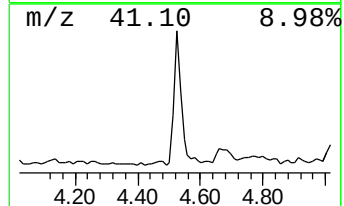
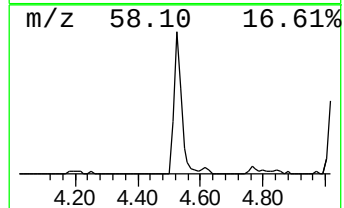
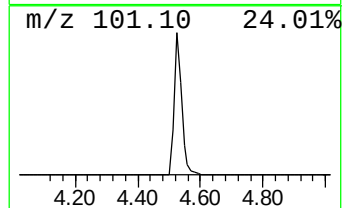
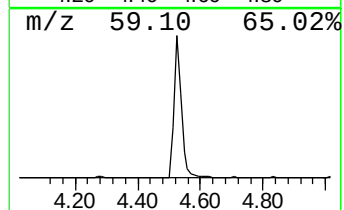
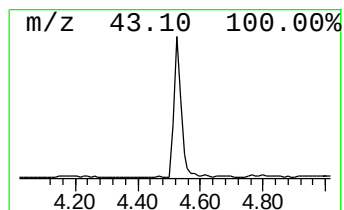
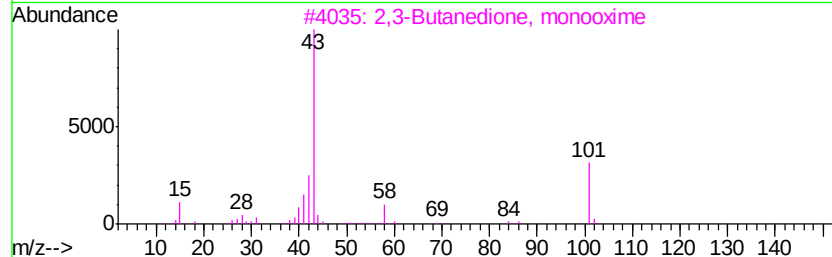
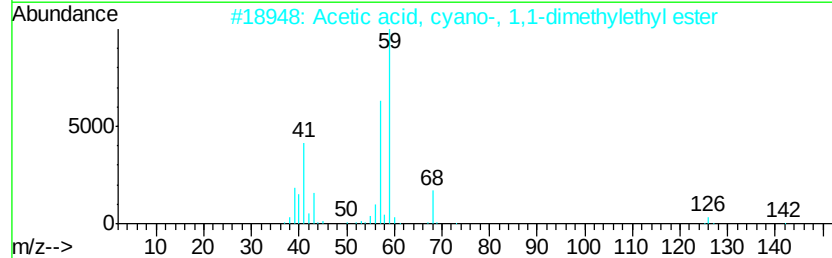
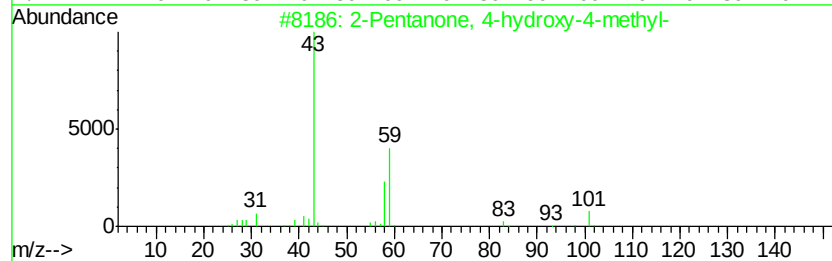
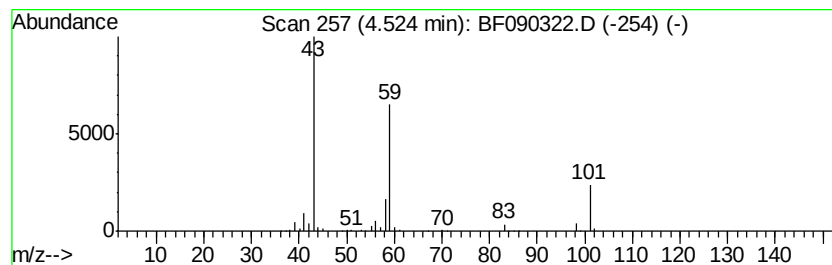
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	14.91 ng	506792	1,4-Dichlorobenzene-d4	6.46

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-dimethyl...	141	C7H11NO2	001116-98-9	17
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	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\BF093016\
Data File : BF090322.D
Acq On : 30 Sep 2016 19:55
Operator : UM/SJ
Sample : H5023-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-AREA-CD-09272016

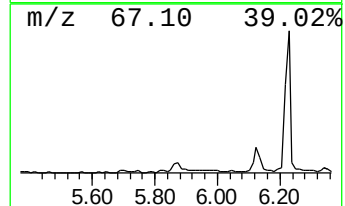
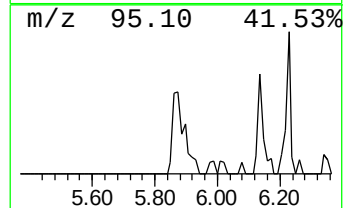
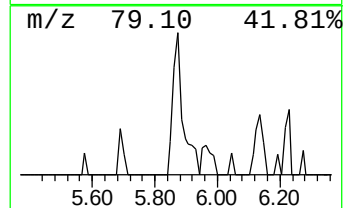
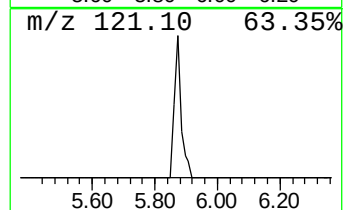
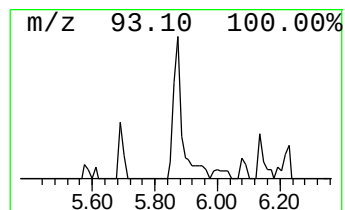
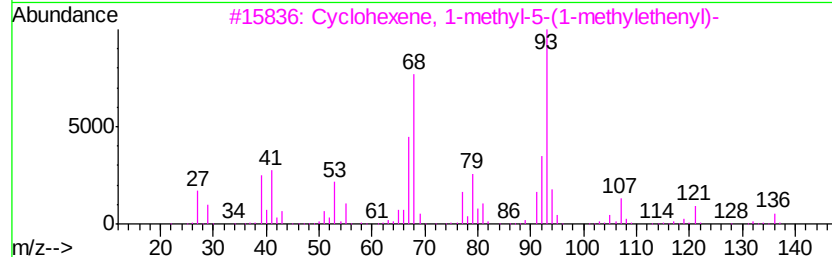
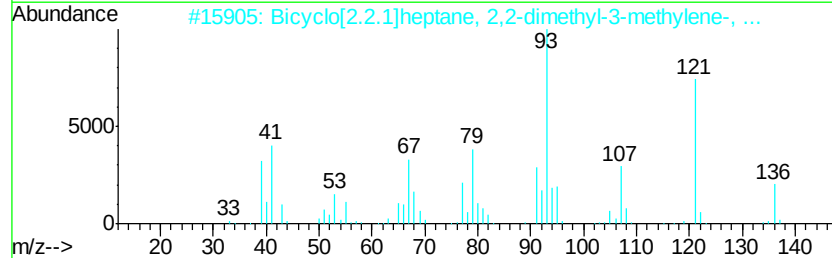
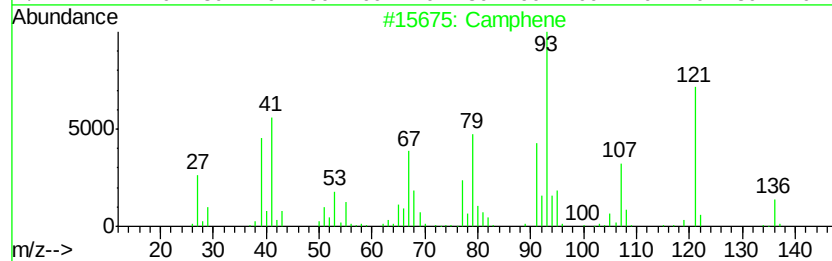
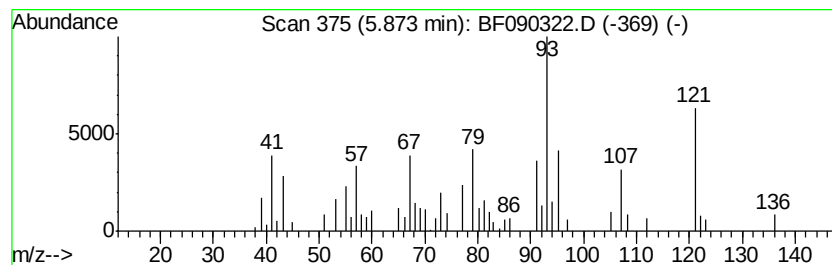
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Camphene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.87	4.14 ng	140765	1,4-Dichlorobenzene-d4	6.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Camphene	136	C10H16	000079-92-5	93
2		Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	64
3		Cyclohexene, 1-methyl-5-(1-methyl...	136	C10H16	013898-73-2	52
4		Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	016022-04-1	50
5		Chlorodimethylethylsilane	122	C4H11ClSi	006917-76-6	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090322.D
Acq On : 30 Sep 2016 19:55
Operator : UM/SJ
Sample : H5023-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-AREA-CD-09272016

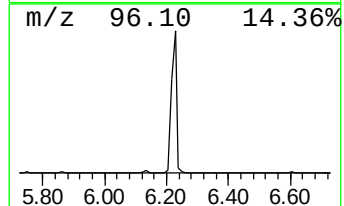
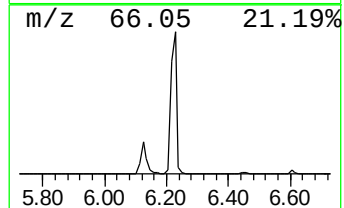
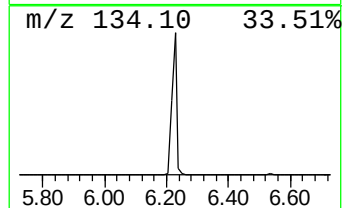
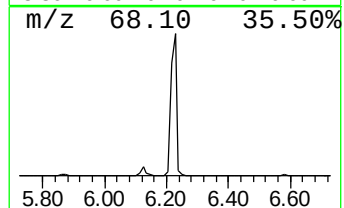
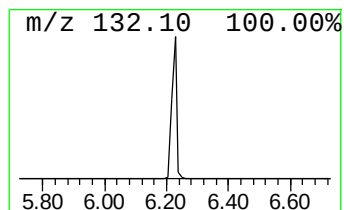
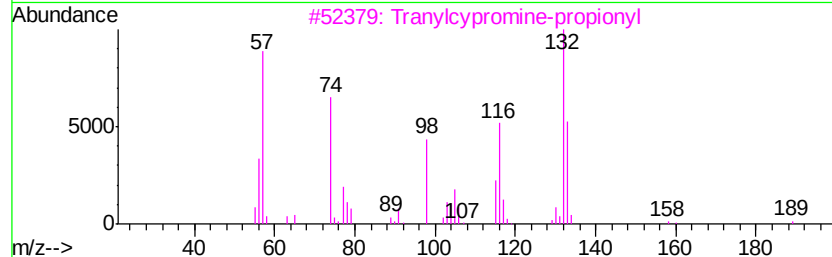
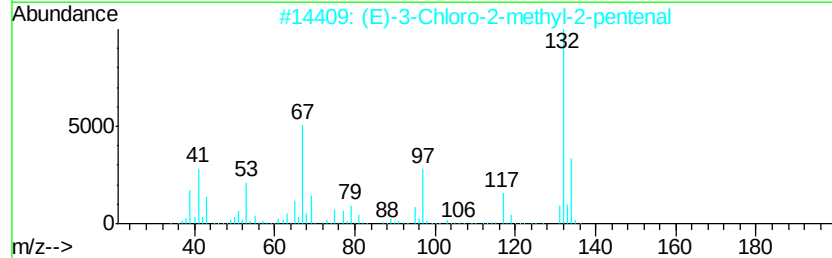
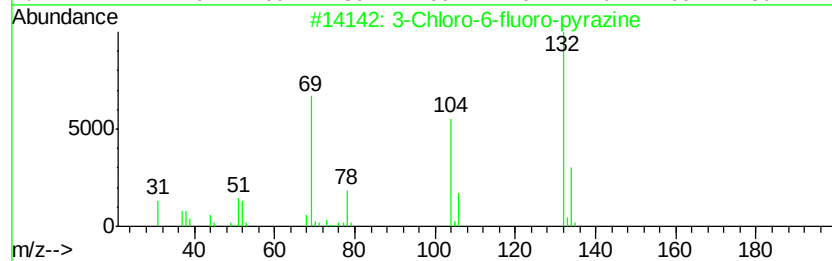
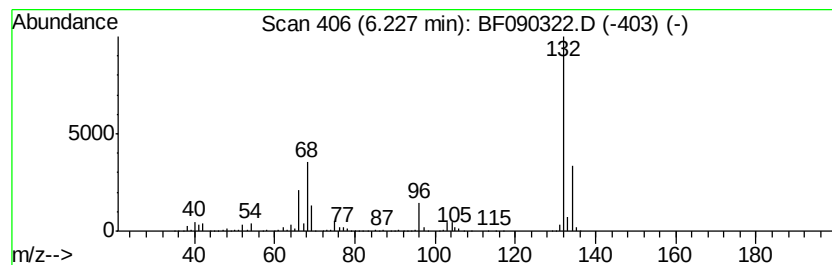
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown6.23 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	72.30 ng	2456930	1,4-Dichlorobenzene-d4	6.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090322.D
Acq On : 30 Sep 2016 19:55
Operator : UM/SJ
Sample : H5023-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-AREA-CD-09272016

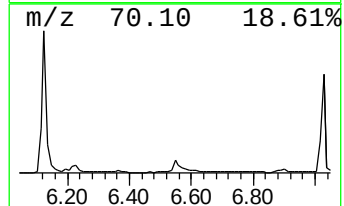
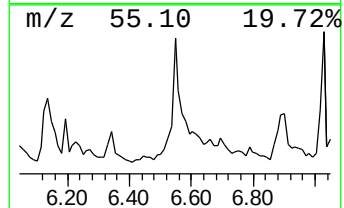
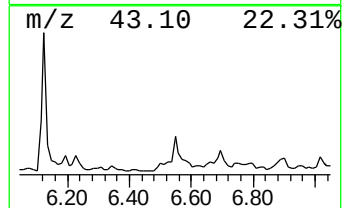
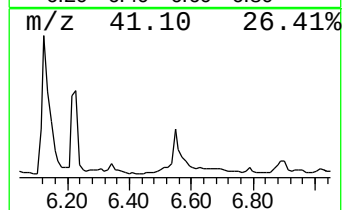
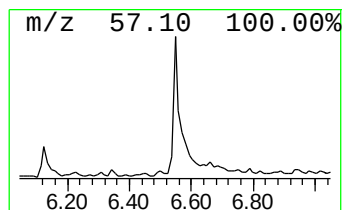
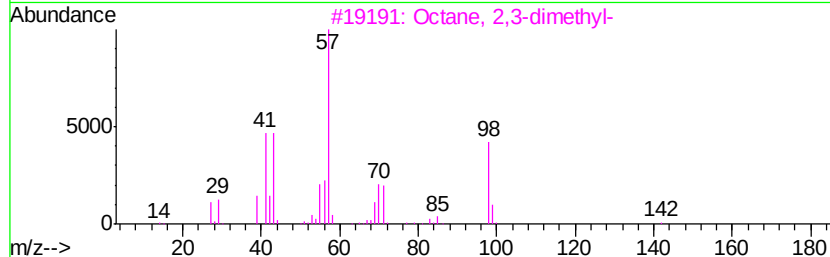
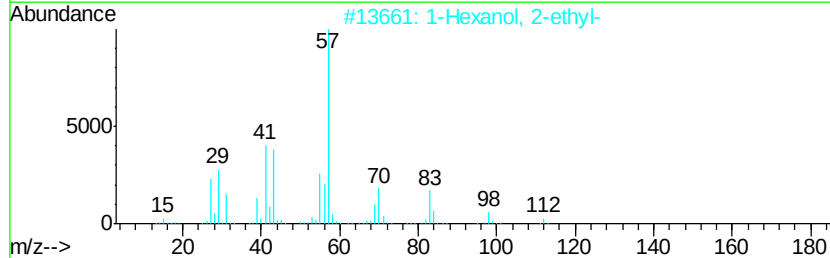
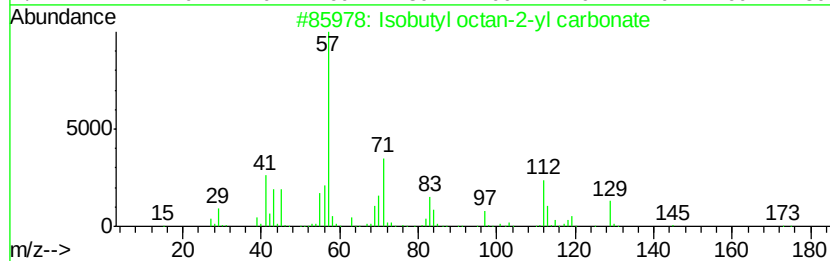
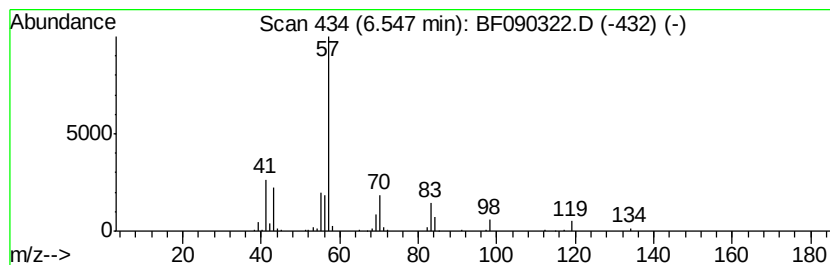
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Isobutyl octan-2-yl carbonate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	6.83 ng	232025	1,4-Dichlorobenzene-d4	6.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isobutyl octan-2-yl carbonate	230	C13H26O3	1000372-74-7	64
2		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50
3		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	42
4		1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	40
5		2-Ethyl-1-hexanol, pentafluoropr...	276	C11H17F5O2	1000365-51-1	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
Data File : BF090322.D
Acq On : 30 Sep 2016 19:55
Operator : UM/SJ
Sample : H5023-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-AREA-CD-09272016

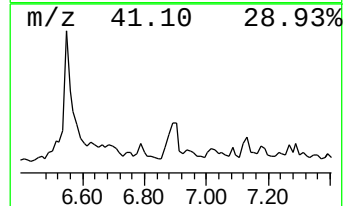
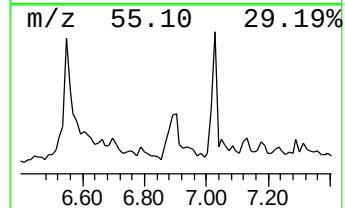
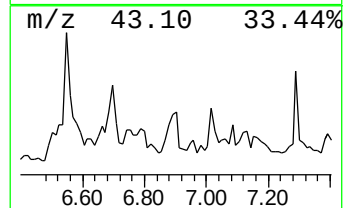
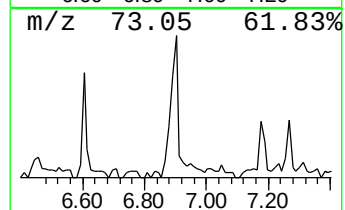
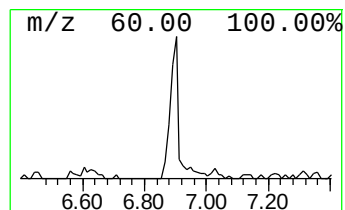
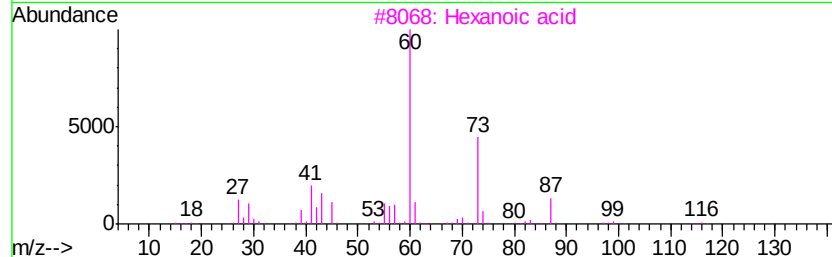
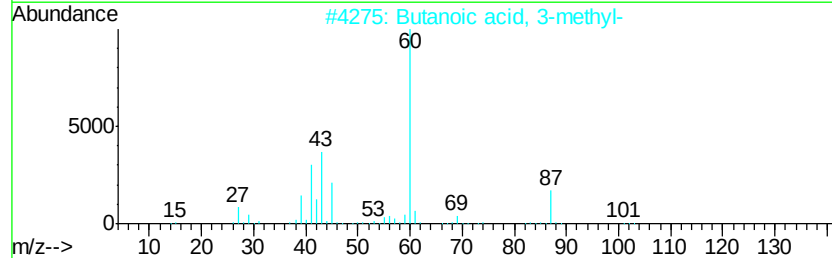
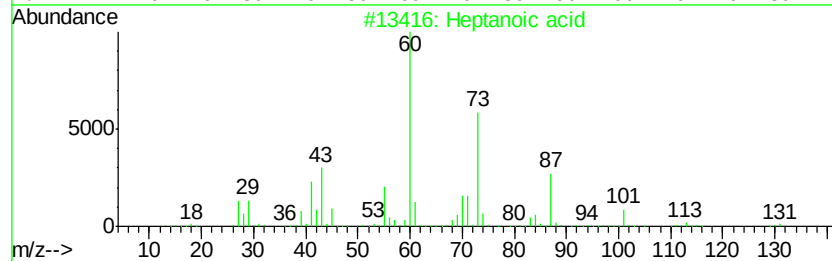
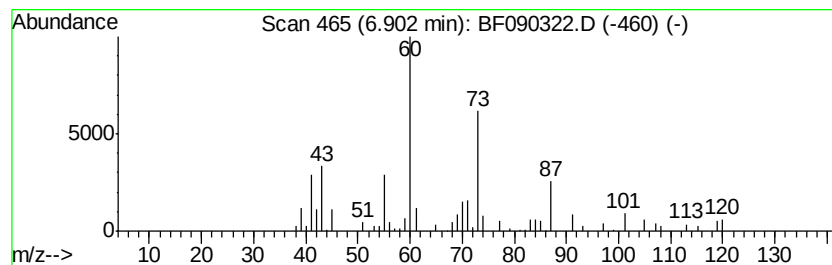
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	5.09 ng	172809	1,4-Dichlorobenzene-d4	6.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptanoic acid	130	C7H14O2	000111-14-8	72
2		Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	53
3		Hexanoic acid	116	C6H12O2	000142-62-1	36
4		Pentanoic acid	102	C5H10O2	000109-52-4	36
5		Octanoic acid	144	C8H16O2	000124-07-2	36



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
Data File : BF090322.D
Acq On : 30 Sep 2016 19:55
Operator : UM/SJ
Sample : H5023-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-AREA-CD-09272016

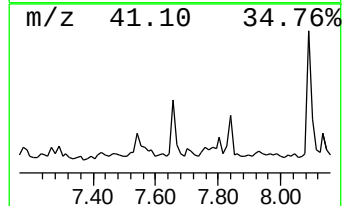
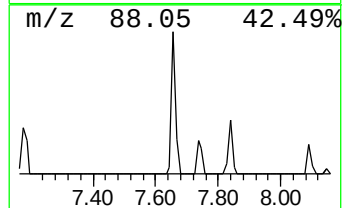
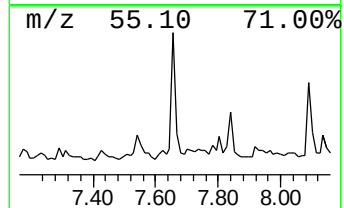
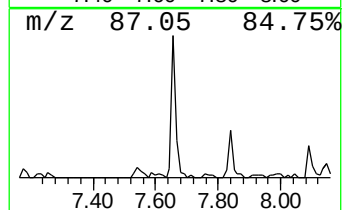
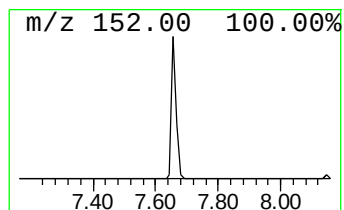
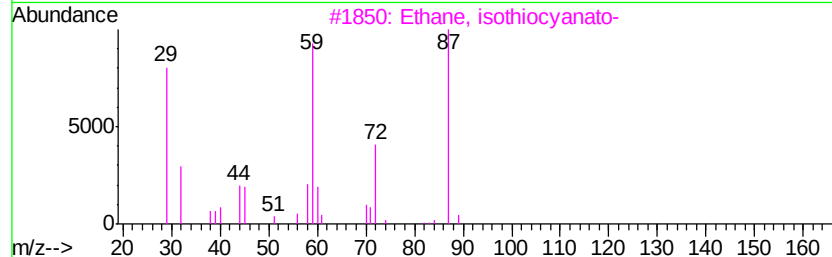
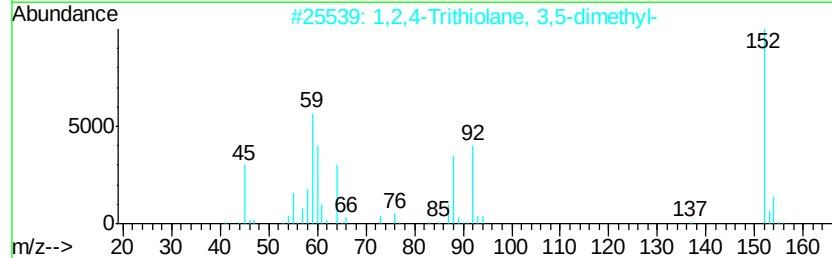
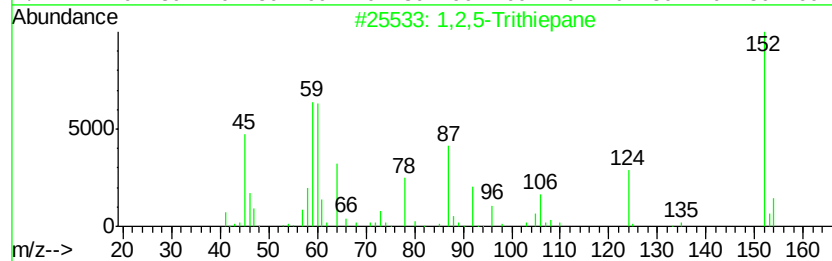
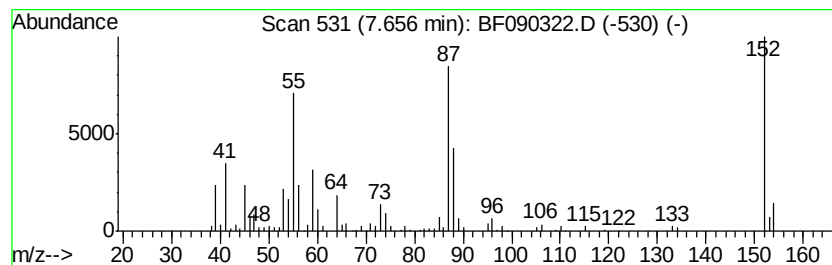
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown7.66 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	2.64 ng	120794	Naphthalene-d8	7.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2,5-Trithiepane	152	C4H8S3	006576-93-8	27
2		1,2,4-Trithiolane, 3,5-dimethyl-	152	C4H8S3	023654-92-4	23
3		Ethane, isothiocyanato-	87	C3H5NS	000542-85-8	22
4		Thiocyanic acid, ethyl ester	87	C3H5NS	000542-90-5	16
5		Thiophene, 2-ethyltetrahydro-	116	C6H12S	001551-32-2	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
Data File : BF090322.D
Acq On : 30 Sep 2016 19:55
Operator : UM/SJ
Sample : H5023-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-AREA-CD-09272016

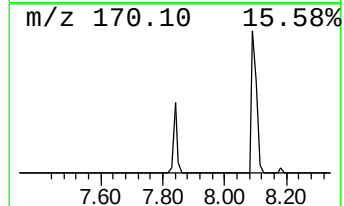
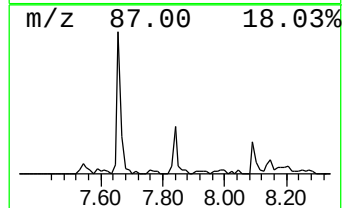
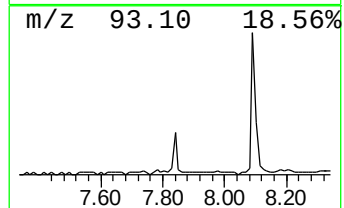
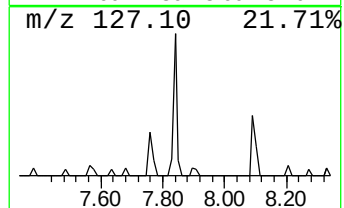
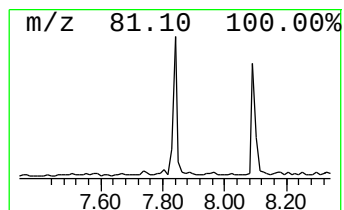
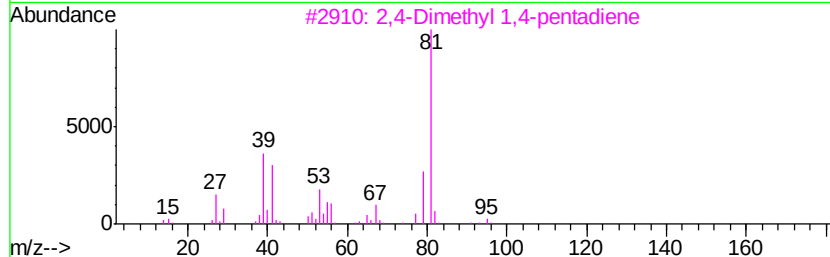
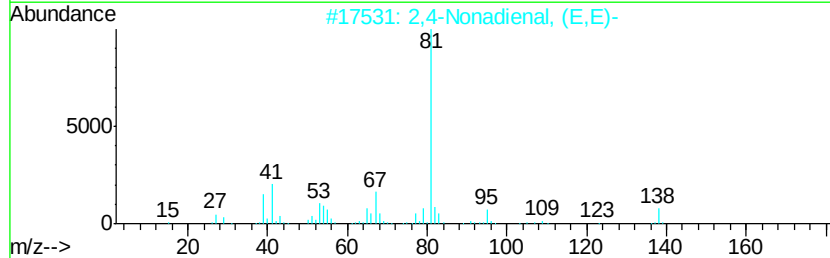
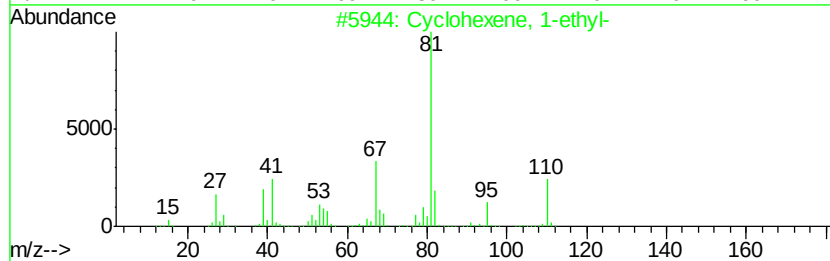
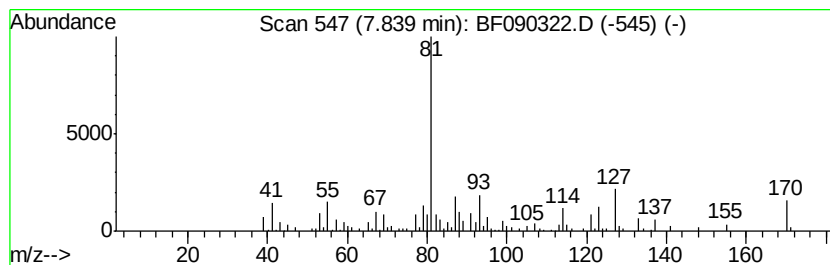
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown7.84 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	3.00 ng	137628	Naphthalene-d8	7.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	35
2		2,4-Nonadienal, (E,E)-	138	C9H14O	005910-87-2	35
3		2,4-Dimethyl 1,4-pentadiene	96	C7H12	004161-65-3	35
4		2-Cyclopentene-1-carboxylic acid...	140	C8H12O2	068317-73-7	35
5		Cyclohexene, 4-bromo-	160	C6H9Br	003540-84-9	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090322.D
Acq On : 30 Sep 2016 19:55
Operator : UM/SJ
Sample : H5023-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-AREA-CD-09272016

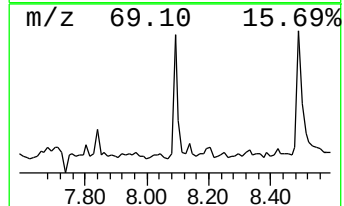
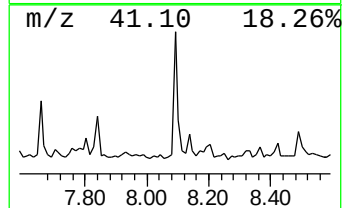
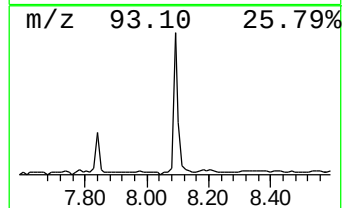
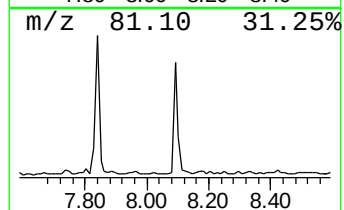
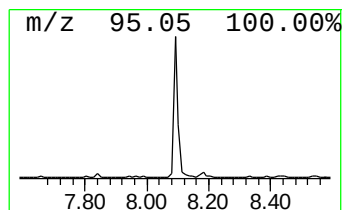
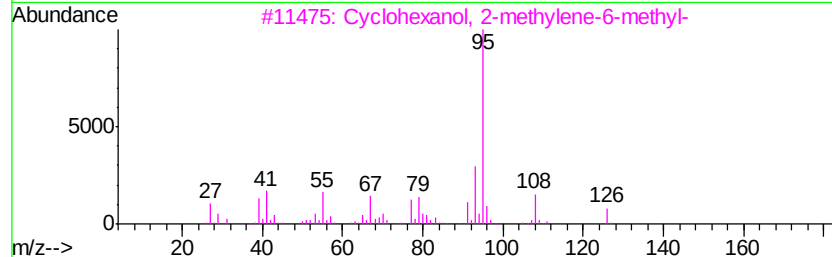
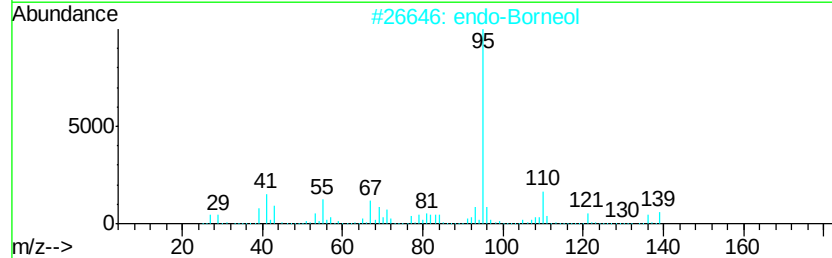
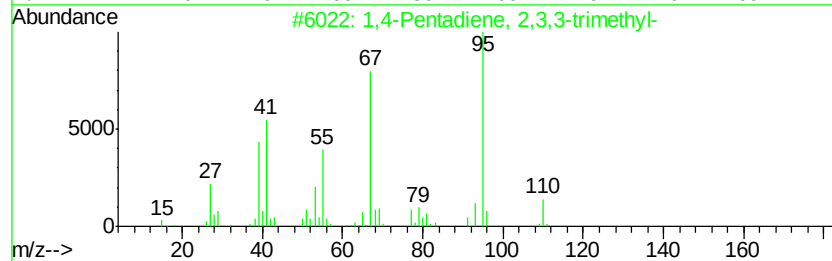
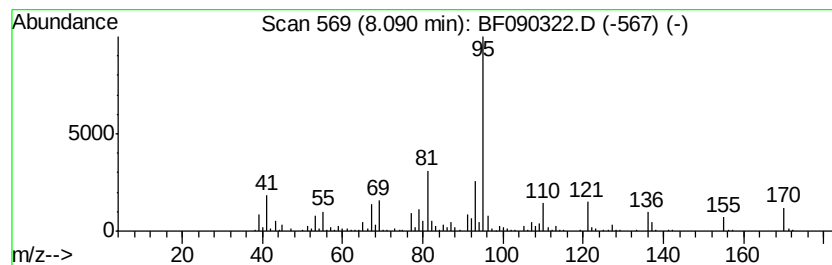
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1,4-Pentadiene, 2,3,3-trime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	8.37 ng	383571	Napthalene-d8	7.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	50
2		endo-Borneol	154	C10H18O	000507-70-0	50
3		Cyclohexanol, 2-methylene-6-methyl-	126	C8H14O	1000196-32-3	50
4		Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	49
5		Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090322.D
Acq On : 30 Sep 2016 19:55
Operator : UM/SJ
Sample : H5023-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-AREA-CD-09272016

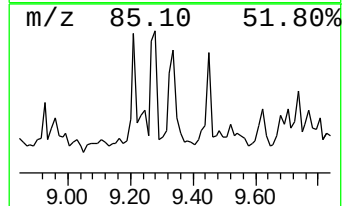
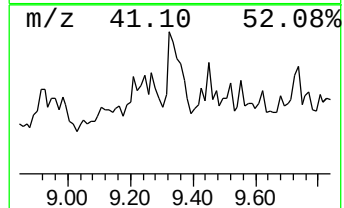
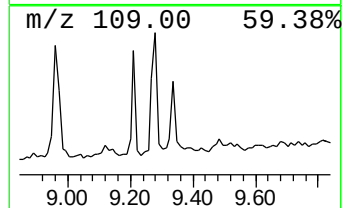
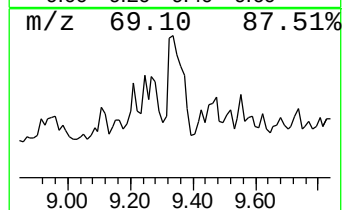
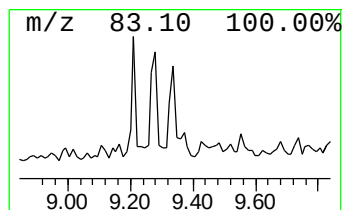
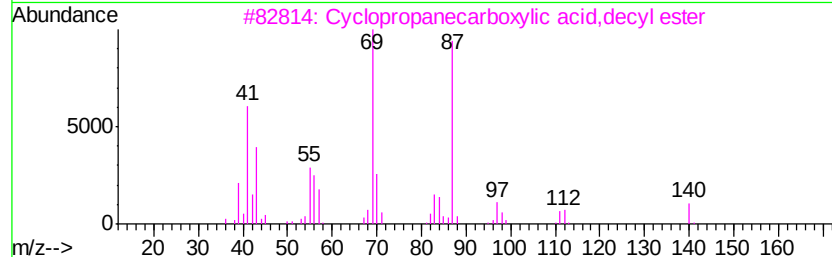
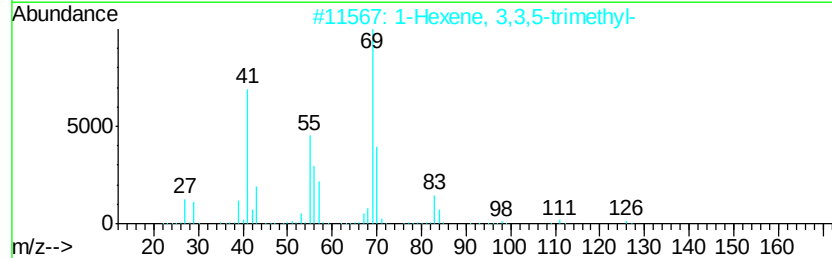
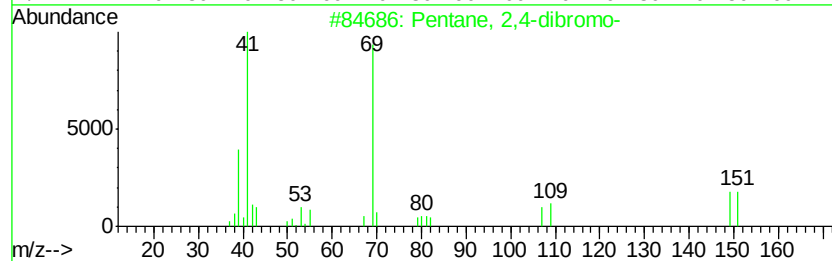
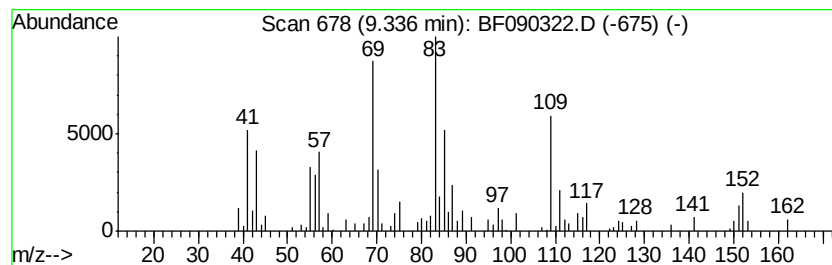
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown9.34 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	3.09 ng	149447	Acenaphthene-d10	9.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,4-dibromo-	228	C5H10Br2	019398-53-9	14
2		1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	14
3		Cyclopropanecarboxylic acid, decyl...	226	C14H26O2	054460-47-8	14
4		4-Octanone, 5-hydroxy-2,7-dimethyl-	172	C10H20O2	006838-51-3	12
5		Phosphinous acid, diisopropyl ester	166	C6H15O3P	000691-96-3	12



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090322.D
Acq On : 30 Sep 2016 19:55
Operator : UM/SJ
Sample : H5023-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-AREA-CD-09272016

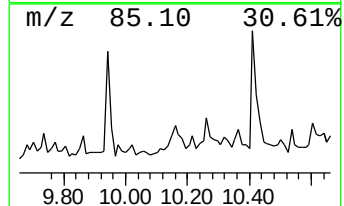
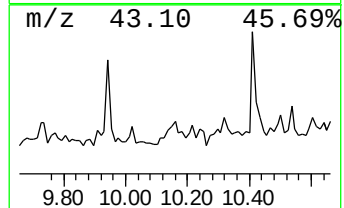
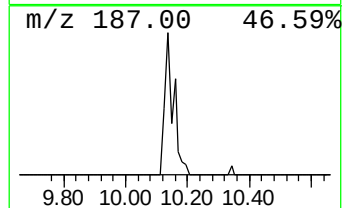
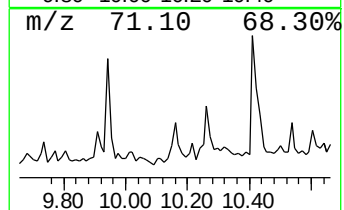
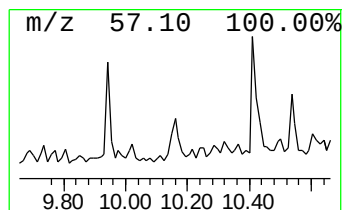
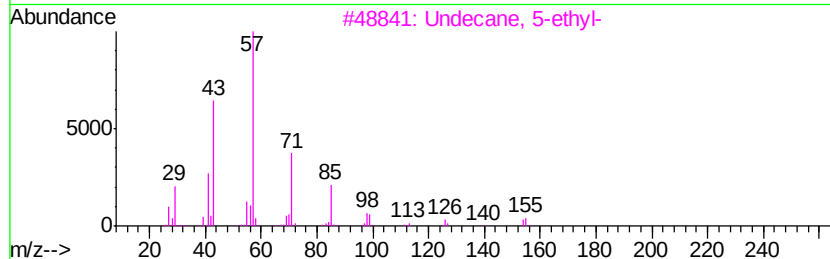
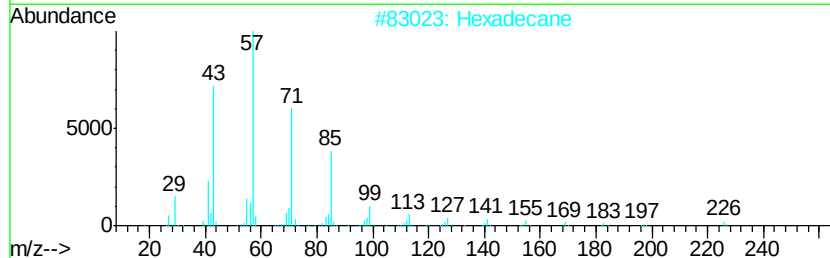
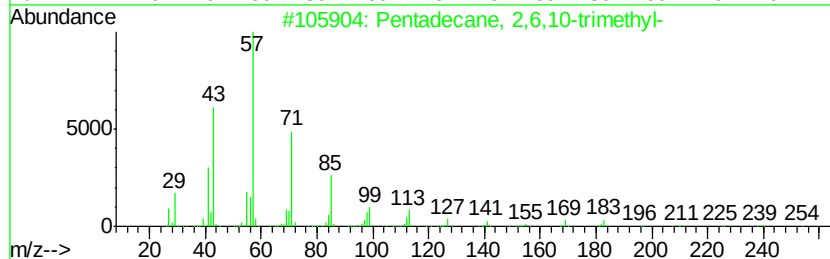
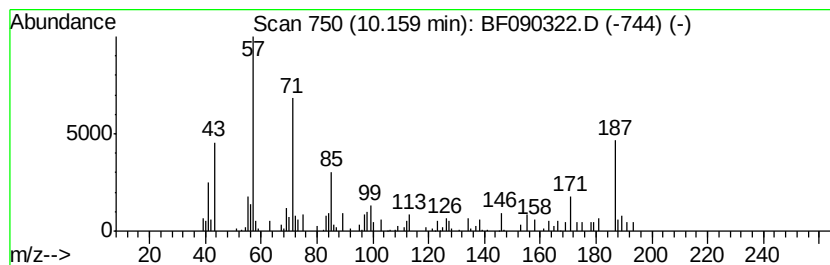
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown10.16 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	2.62 ng	126681	Acenaphthene-d10	9.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	43
2		Hexadecane	226	C16H34	000544-76-3	38
3		Undecane, 5-ethyl-	184	C13H28	017453-94-0	38
4		Hexacosane	366	C26H54	000630-01-3	35
5		Heptacosane	380	C27H56	000593-49-7	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090322.D
Acq On : 30 Sep 2016 19:55
Operator : UM/SJ
Sample : H5023-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

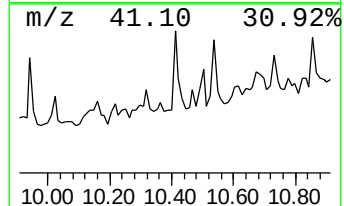
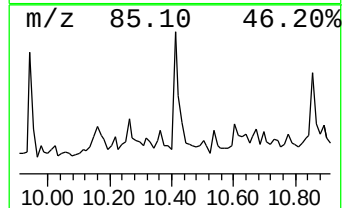
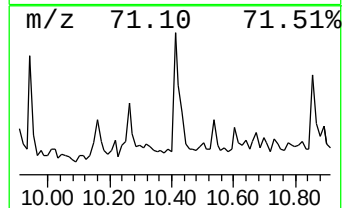
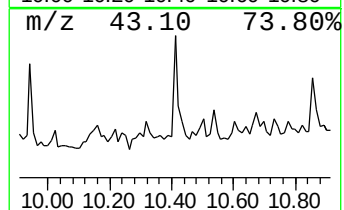
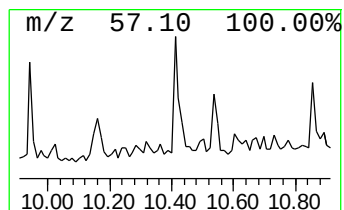
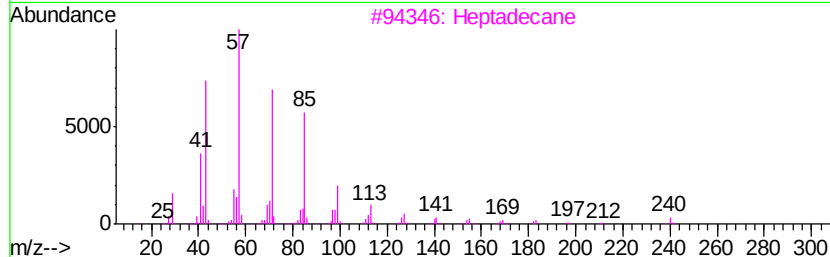
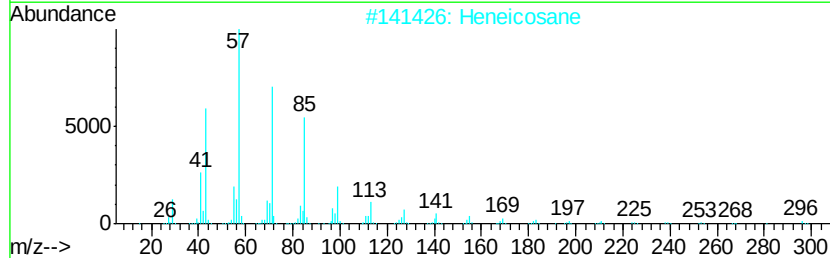
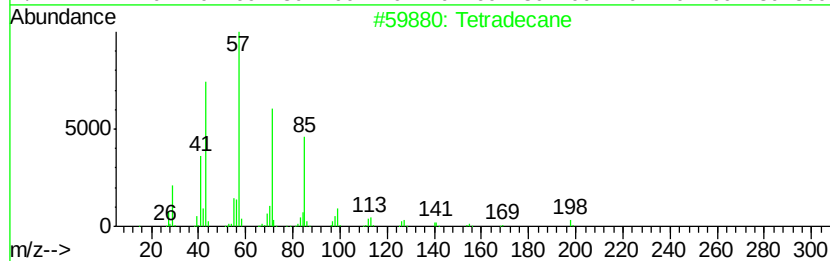
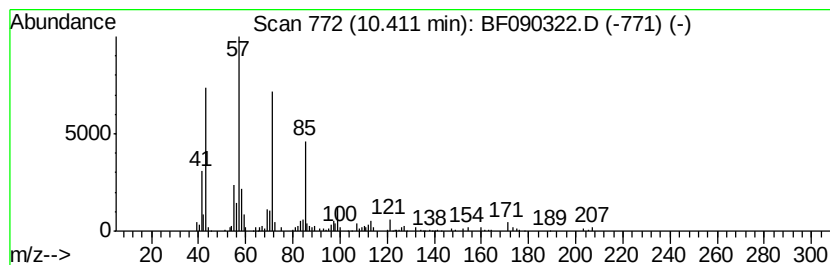
Instrument :
BNA_F
ClientSampleId :
WC-AREA-CD-09272016

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.41	3.20 ng	126072	Phenanthrene-d10		10.95
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	64
2	Heneicosane	296	C21H44	000629-94-7	64
3	Heptadecane	240	C17H36	000629-78-7	64
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64
5	Eicosane	282	C20H42	000112-95-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
Data File : BF090322.D
Acq On : 30 Sep 2016 19:55
Operator : UM/SJ
Sample : H5023-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

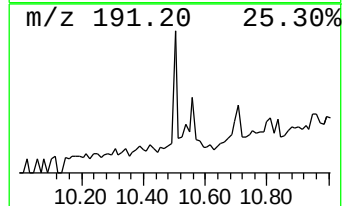
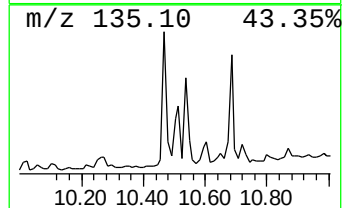
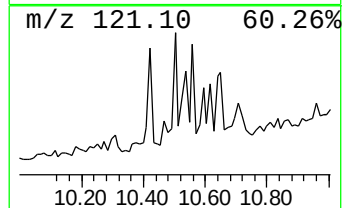
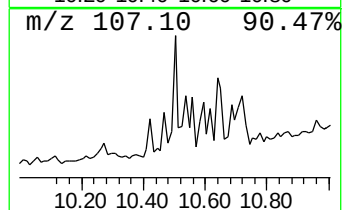
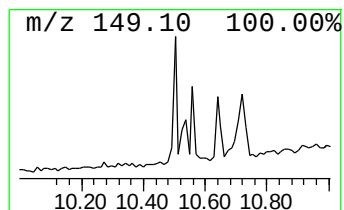
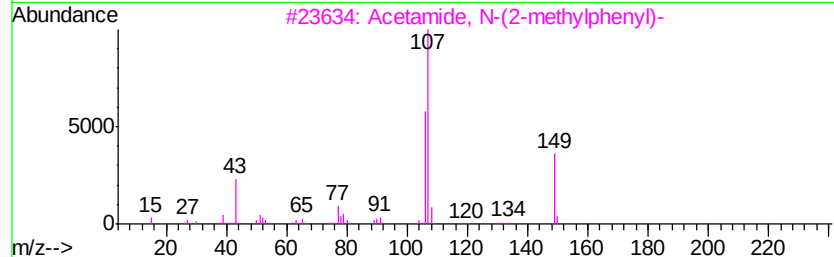
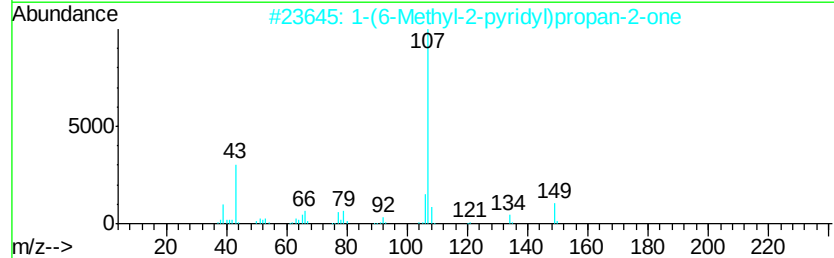
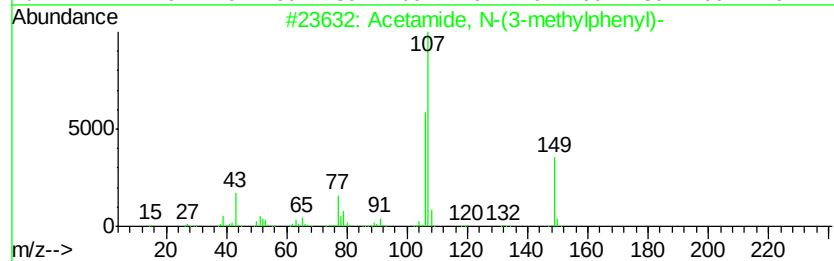
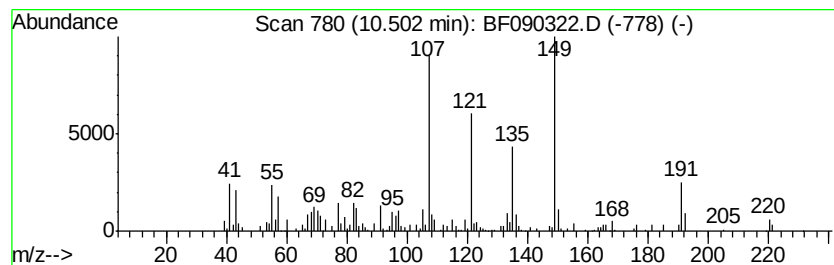
Instrument :
BNA_F
ClientSampleId :
WC-AREA-CD-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Acetamide, N-(3-methylphenyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.50	2.37 ng	93617	Phenanthrene-d10		10.95	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	60
2		1-(6-Methyl-2-pyridyl)propan-2-one	149	C9H11NO	065702-08-1	49
3		Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	47
4		Acetamide, N-methyl-N-phenyl-	149	C9H11NO	000579-10-2	38
5		Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090322.D
Acq On : 30 Sep 2016 19:55
Operator : UM/SJ
Sample : H5023-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-AREA-CD-09272016

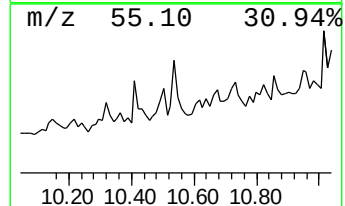
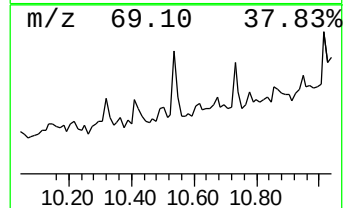
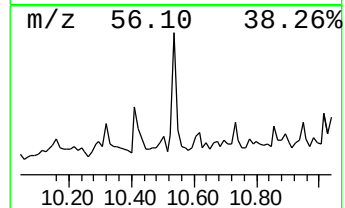
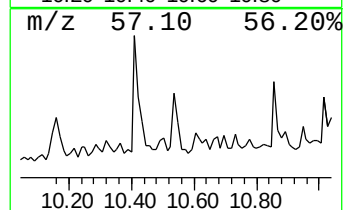
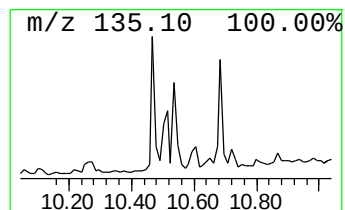
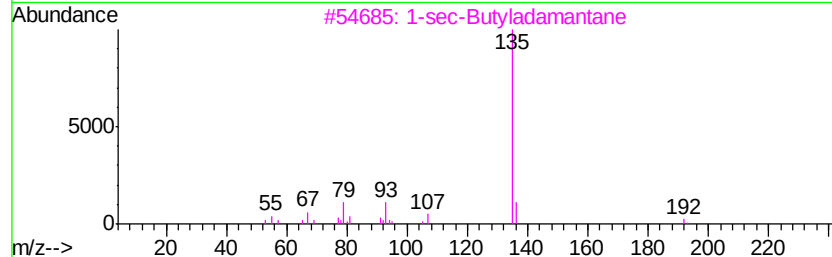
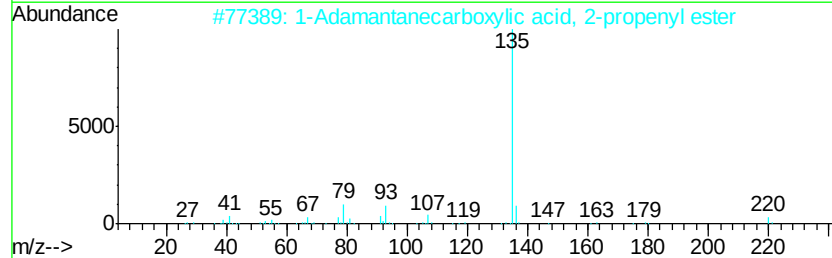
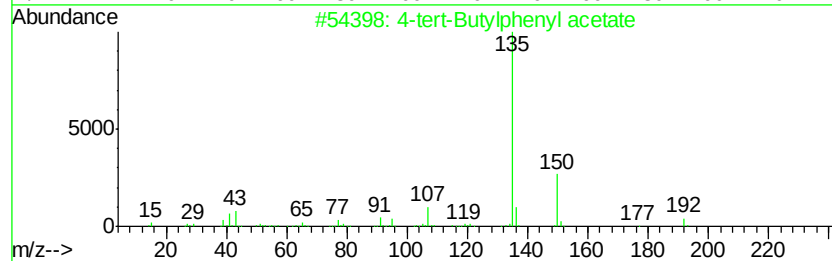
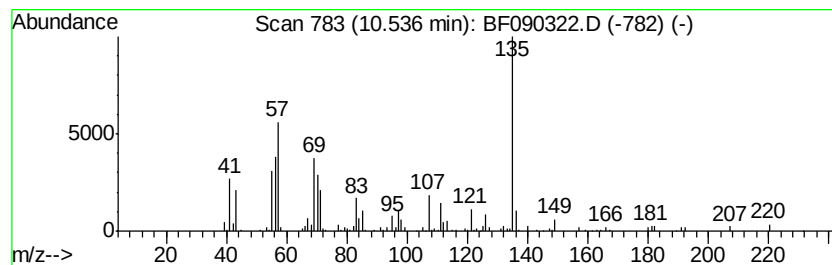
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown10.54 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	2.61 ng	103113	Phenanthrene-d10	10.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	38
2			1-Adamantanecarboxylic acid, 2-p...	220	C14H20O2	107144-95-6	35
3			1-sec-Butyladamantane	192	C14H24	014449-42-4	35
4			1-Adamantanecarboxylic acid, 3-p...	390	C26H46O2	1000282-17-1	32
5			1-Adamantanecarboxylic acid, 4-p...	390	C26H46O2	1000282-17-2	32



Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090322.D
Acq On : 30 Sep 2016 19:55
Operator : UM/SJ
Sample : H5023-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-AREA-CD-09272016

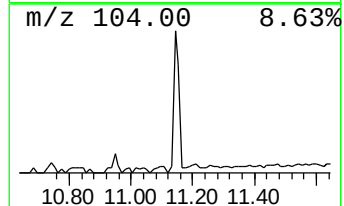
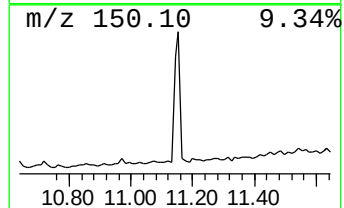
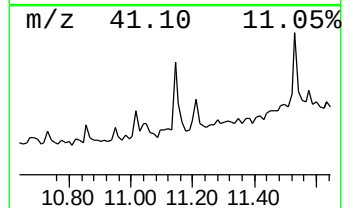
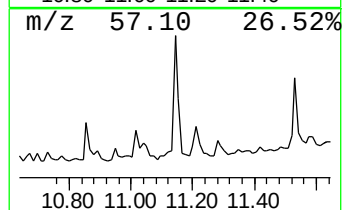
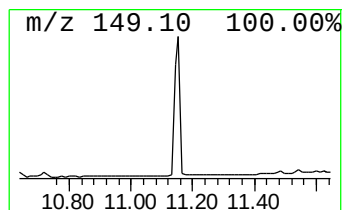
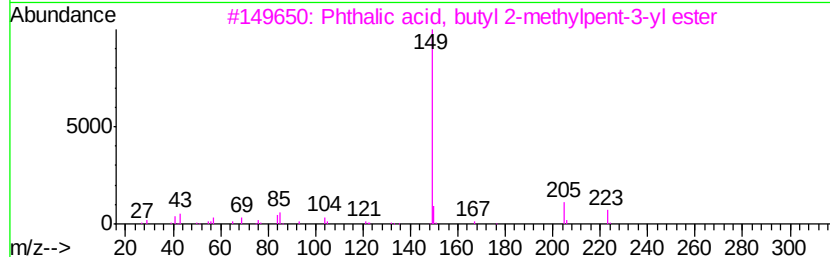
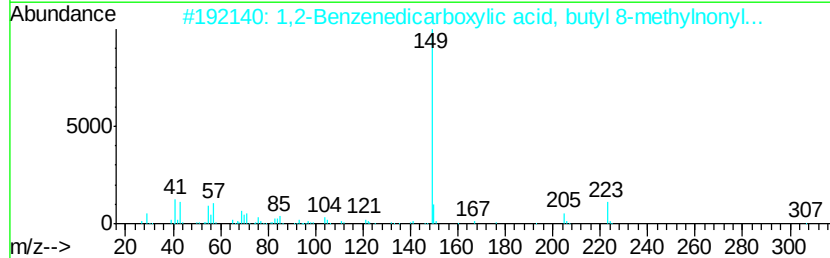
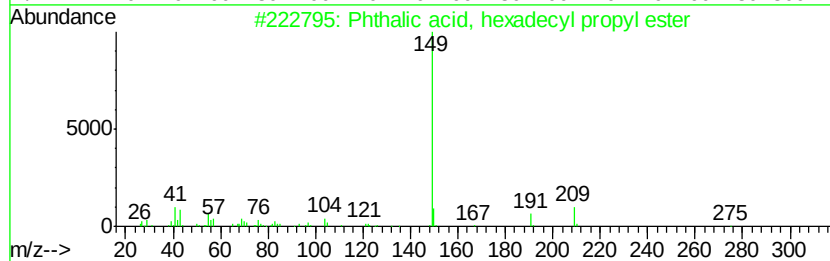
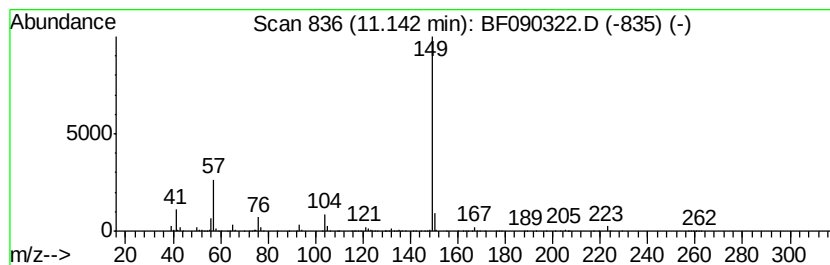
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Phthalic acid, hexadecyl pr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	8.63 ng	340221	Phenanthrene-d10	10.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, hexadecyl propyl ...	432	C27H44O4	1000309-06-5	78
2		1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-18-9	78
3		Phthalic acid, butyl 2-methylpen...	306	C18H26O4	1000356-90-8	78
4		Phthalic acid, 2-ethylhexyl pent...	348	C21H32O4	1000309-01-3	78
5		Phthalic acid, propyl nonyl ester	334	C20H30O4	1000309-06-4	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF0903016\
Data File : BF090322.D
Acq On : 30 Sep 2016 19:55
Operator : UM/SJ
Sample : H5023-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-AREA-CD-09272016

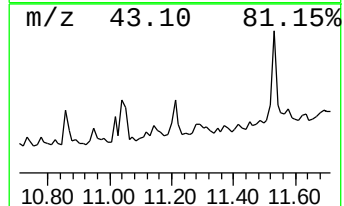
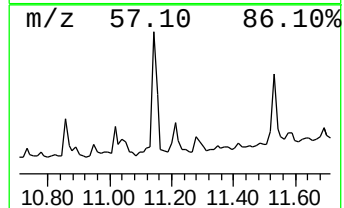
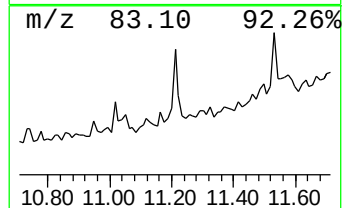
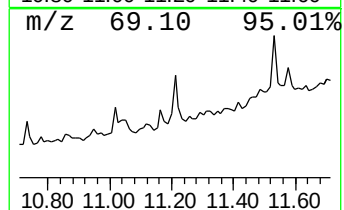
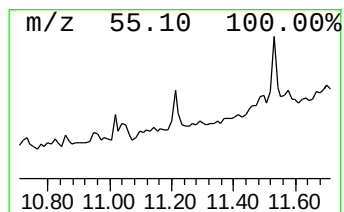
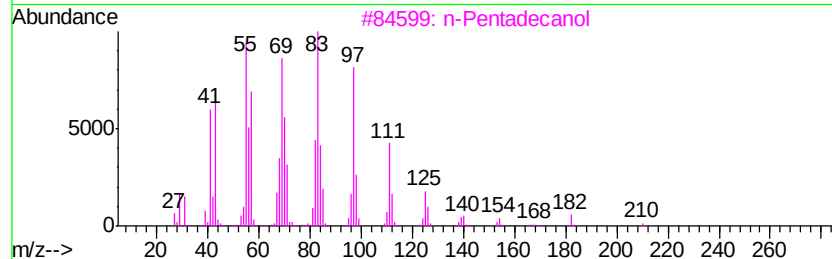
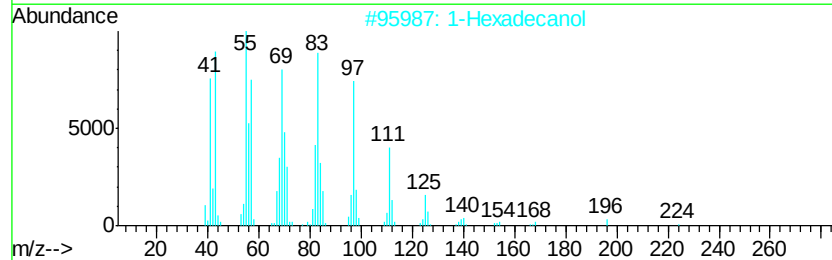
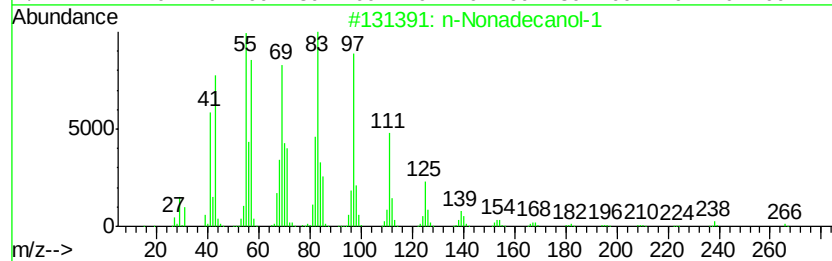
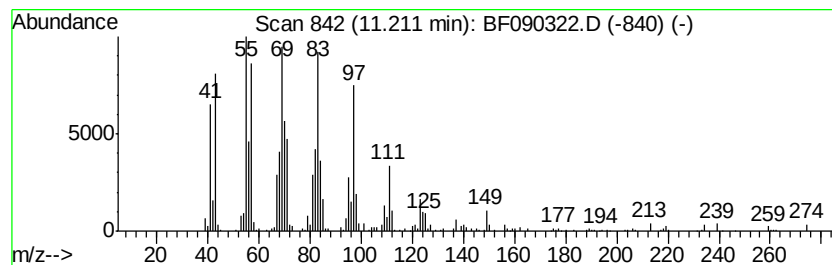
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 n-Nonadecanol-1 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	3.45 ng	136138	Phenanthrene-d10	10.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
2		1-Hexadecanol	242	C16H34O	036653-82-4	90
3		n-Pentadecanol	228	C15H32O	000629-76-5	87
4		9-Octadecene, (E)-	252	C18H36	007206-25-9	87
5		1-Tetradecanol	214	C14H30O	000112-72-1	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
Data File : BF090322.D
Acq On : 30 Sep 2016 19:55
Operator : UM/SJ
Sample : H5023-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-AREA-CD-09272016

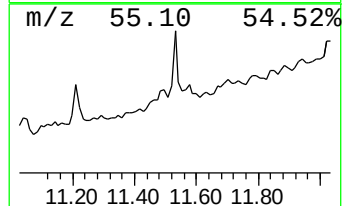
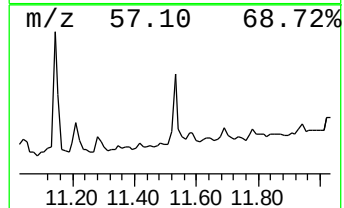
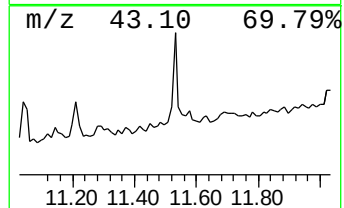
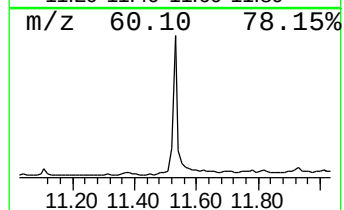
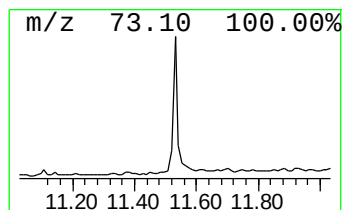
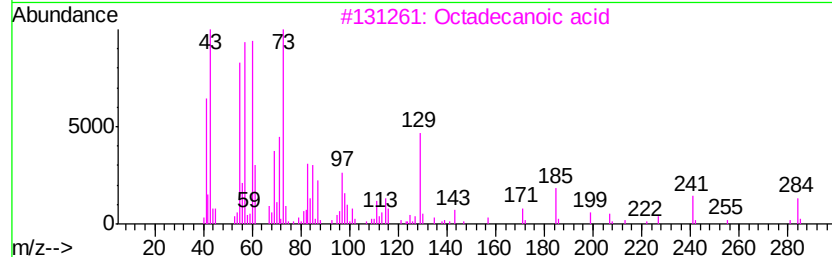
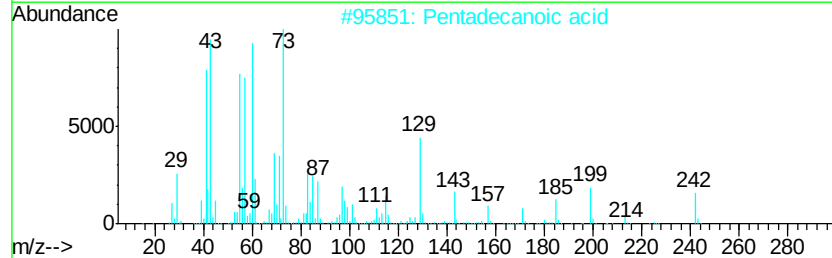
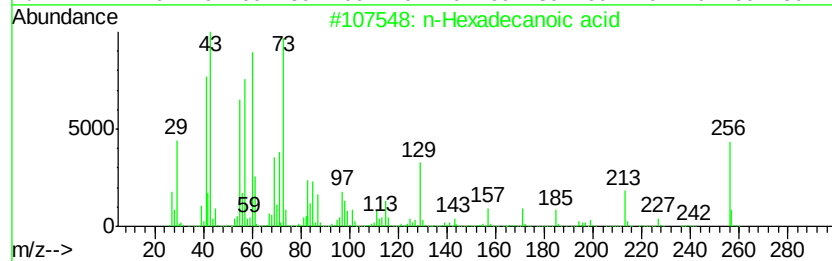
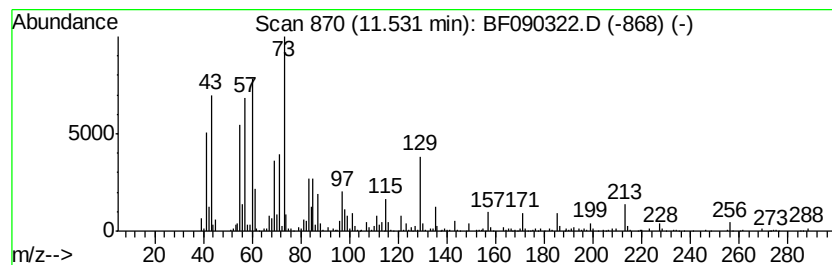
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	8.05 ng	317585	Phenanthrene-d10	10.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3		Octadecanoic acid	284	C18H36O2	000057-11-4	87
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5		n-Decanoic acid	172	C10H20O2	000334-48-5	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093016\
 Data File : BF090322.D
 Acq On : 30 Sep 2016 19:55
 Operator : UM/SJ
 Sample : H5023-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-AREA-CD-09272016

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.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
unknown1.96	1.96	4.9	ng	165316	1	6.46	679650	20.0
2-Pentanol, 4-met...	2.80	6.3	ng	215211	1	6.46	679650	20.0
2-Pentanone, 4-hy...	4.52	14.9	ng	506792	1	6.46	679650	20.0
Camphene	5.87	4.1	ng	140765	1	6.46	679650	20.0
unknown6.23	6.23	72.3	ng	2456930	1	6.46	679650	20.0
Isobutyl octan-2-...	6.55	6.8	ng	232025	1	6.46	679650	20.0
Heptanoic acid	6.90	5.1	ng	172809	1	6.46	679650	20.0
unknown7.66	7.66	2.6	ng	120794	2	7.74	916567	20.0
unknown7.84	7.84	3.0	ng	137628	2	7.74	916567	20.0
1,4-Pentadiene, 2...	8.09	8.4	ng	383571	2	7.74	916567	20.0
unknown9.34	9.34	3.1	ng	149447	3	9.48	966366	20.0
unknown10.16	10.16	2.6	ng	126681	3	9.48	966366	20.0
Tetradecane	10.41	3.2	ng	126072	4	10.95	788689	20.0
Acetamide, N-(3-m...	10.50	2.4	ng	93617	4	10.95	788689	20.0
unknown10.54	10.54	2.6	ng	103113	4	10.95	788689	20.0
Phthalic acid, he...	11.14	8.6	ng	340221	4	10.95	788689	20.0
n-Nonadecanol-1	11.21	3.5	ng	136138	4	10.95	788689	20.0
n-Hexadecanoic acid	11.53	8.1	ng	317585	4	10.95	788689	20.0