

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
 Data File : BF093090.D
 Acq On : 22 Feb 2017 22:05
 Operator : SJ/MA
 Sample : I1931-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-5

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.104	86	89	103	rBV	32938	112593	1.05%	0.234%
2	4.338	195	197	200	rBV	2197771	3610371	33.75%	7.496%
3	5.047	253	259	261	rBV	4367711	10696362	100.00%	22.207%
4	6.476	382	384	390	rBV	1516277	1640034	15.33%	3.405%
5	6.601	393	395	398	rVB	256245	249048	2.33%	0.517%
6	6.841	414	416	418	rBV	970503	918387	8.59%	1.907%
7	6.910	420	422	424	rVV	166798	175251	1.64%	0.364%
8	7.002	427	430	432	rBV	2971059	3375562	31.56%	7.008%
9	7.413	463	466	468	rBV	2769168	2815120	26.32%	5.845%
10	7.836	501	503	505	rBV	410863	357771	3.34%	0.743%
11	8.122	526	528	531	rBV	921794	1235885	11.55%	2.566%
12	9.070	609	611	614	rBV	542002	468985	4.38%	0.974%
13	9.207	619	623	625	rBV	3684418	5379756	50.30%	11.169%
14	9.596	655	657	659	rBV	769779	688222	6.43%	1.429%
15	9.802	673	675	677	rVB	156504	157307	1.47%	0.327%
16	9.870	679	681	684	rVB	1314725	1368060	12.79%	2.840%
17	10.305	717	719	720	rVB	212984	182257	1.70%	0.378%
18	10.773	758	760	764	rVV2	197267	325806	3.05%	0.676%
19	10.842	764	766	767	rVV	205804	175588	1.64%	0.365%
20	10.876	767	769	770	rVV	271681	315631	2.95%	0.655%
21	10.910	770	772	775	rVV2	220101	356907	3.34%	0.741%
22	10.968	775	777	780	rVV2	92615	241583	2.26%	0.502%
23	11.025	780	782	783	rVV2	159249	229789	2.15%	0.477%
24	11.059	783	785	786	rVV	209212	233104	2.18%	0.484%
25	11.093	786	788	791	rVB2	131413	185826	1.74%	0.386%
26	11.219	797	799	800	rBV	156635	137767	1.29%	0.286%
27	11.356	808	811	813	rBV	1635908	1527275	14.28%	3.171%
28	11.573	828	830	835	rBV	427949	590591	5.52%	1.226%
29	11.756	844	846	848	rBV	169842	146440	1.37%	0.304%
30	11.916	858	860	862	rBV	606135	497674	4.65%	1.033%
31	11.985	863	866	868	rVV	133238	132900	1.24%	0.276%
32	12.396	900	902	904	rVV	1208236	1123445	10.50%	2.332%
33	12.796	935	937	943	rVB2	61724	134541	1.26%	0.279%
34	12.945	947	950	952	rBV	4112645	4624297	43.23%	9.601%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022217\
Data File : BF093090.D
Acq On : 22 Feb 2017 22:05
Operator : SJ/MA
Sample : I1931-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-5

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.379	986	988	992	rBV	100171	111853	1.05%	0.232%
36	13.825	1025	1027	1034	rVB	249187	414963	3.88%	0.862%
37	13.985	1039	1041	1044	rVB	1198990	1323719	12.38%	2.748%
38	14.751	1104	1108	1112	rBV2	100984	208007	1.94%	0.432%
39	15.414	1163	1166	1174	rVV	873006	1215590	11.36%	2.524%
40	16.054	1220	1222	1231	rVB2	72072	184661	1.73%	0.383%
41	16.305	1241	1244	1250	rVB	75918	152509	1.43%	0.317%
42	16.465	1255	1258	1263	rVB	69393	145509	1.36%	0.302%

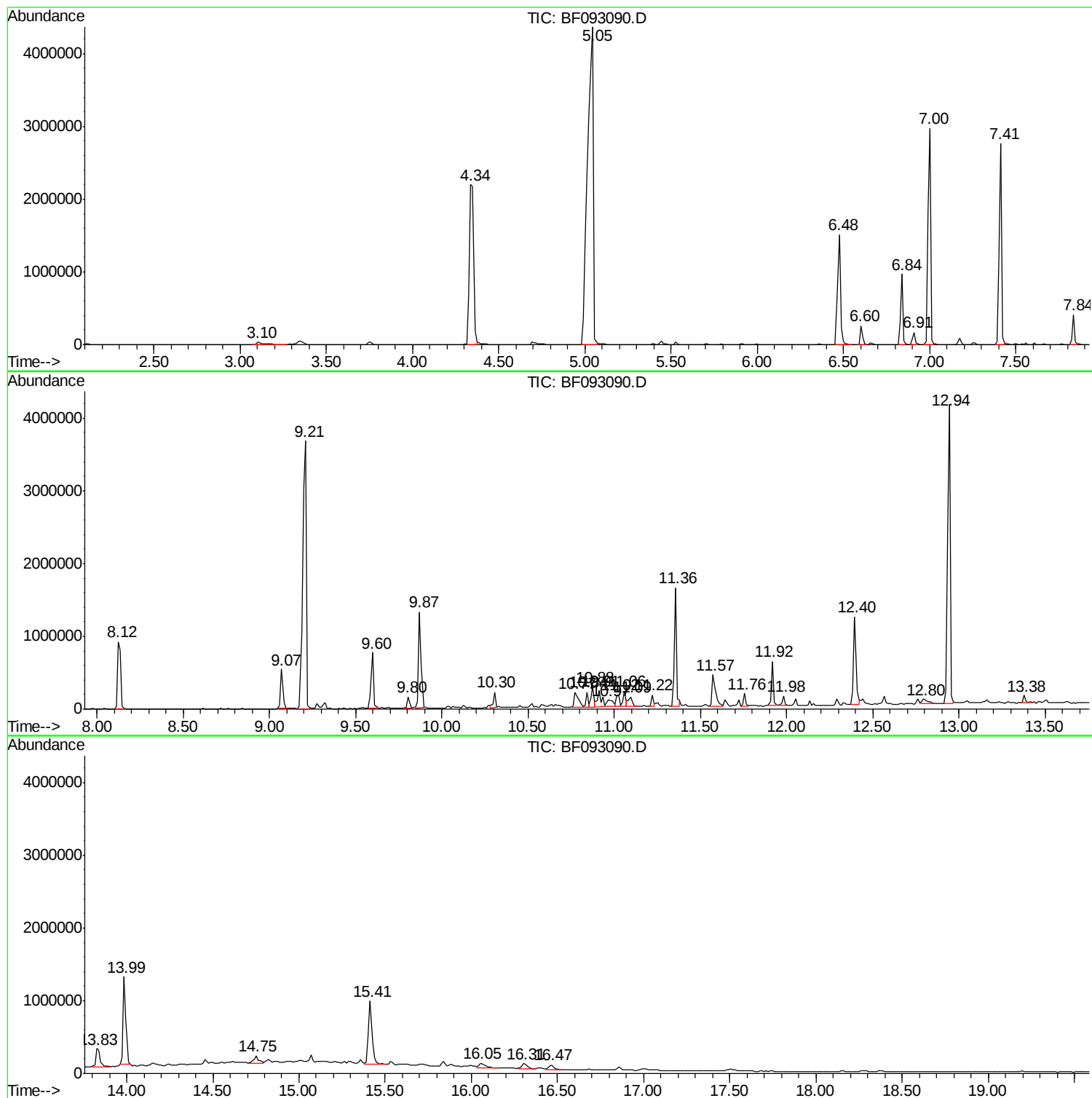
Sum of corrected areas: 48166946

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022217\
Data File : BF093090.D
Acq On : 22 Feb 2017 22:05
Operator : SJ/MA
Sample : I1931-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
Data File : BF093090.D
Acq On : 22 Feb 2017 22:05
Operator : SJ/MA
Sample : I1931-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-5

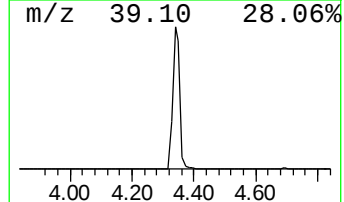
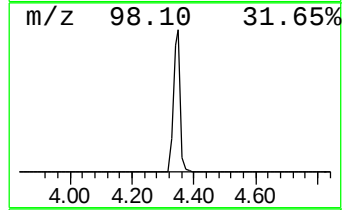
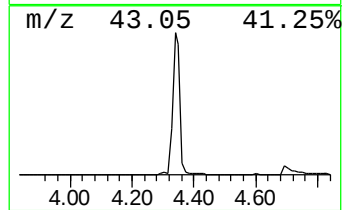
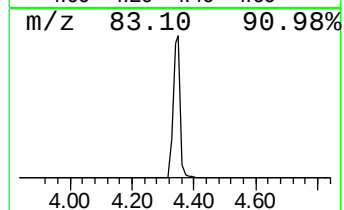
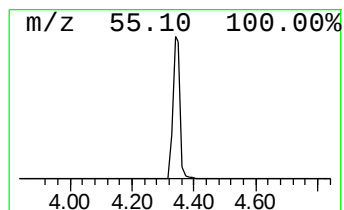
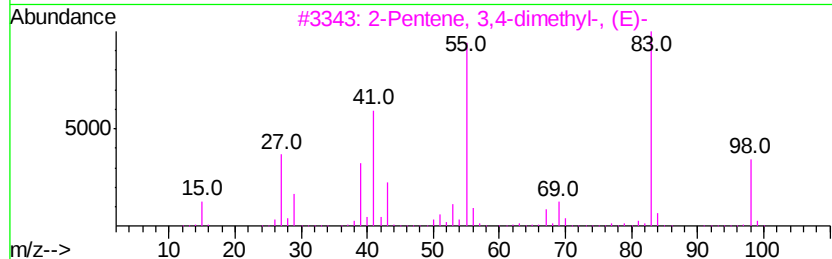
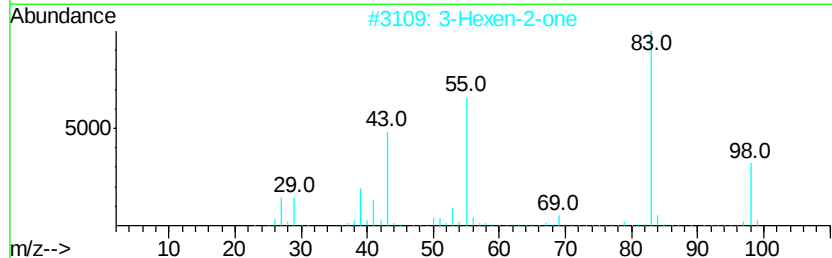
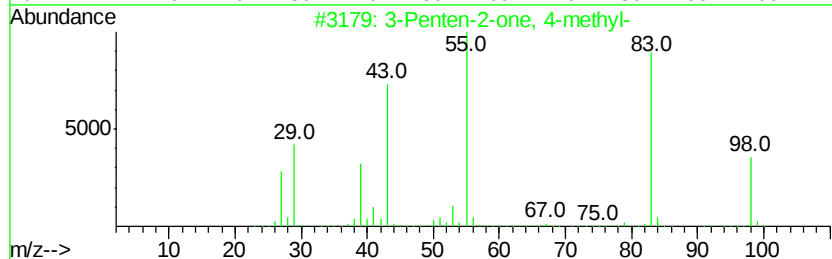
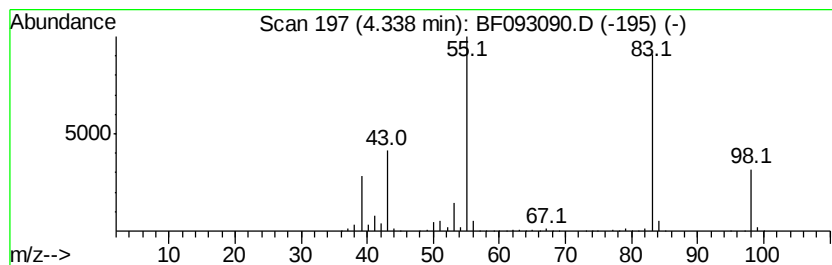
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.34	78.62 ng	3610370	1,4-Dichlorobenzene-d4	6.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2			3-Hexen-2-one	98	C6H10O	000763-93-9	90
3			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4			2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5			2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
Data File : BF093090.D
Acq On : 22 Feb 2017 22:05
Operator : SJ/MA
Sample : I1931-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-5

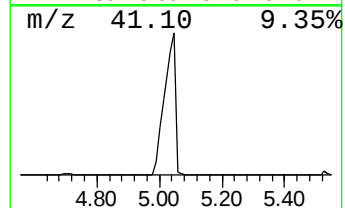
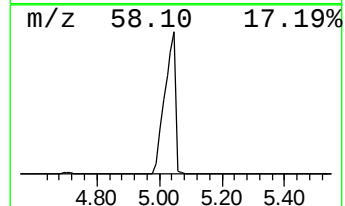
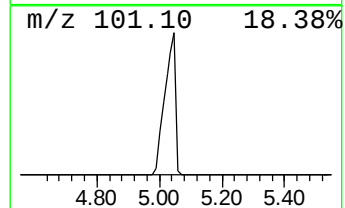
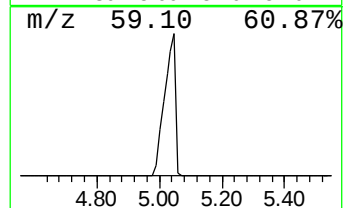
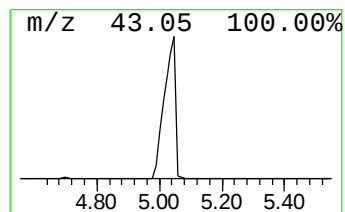
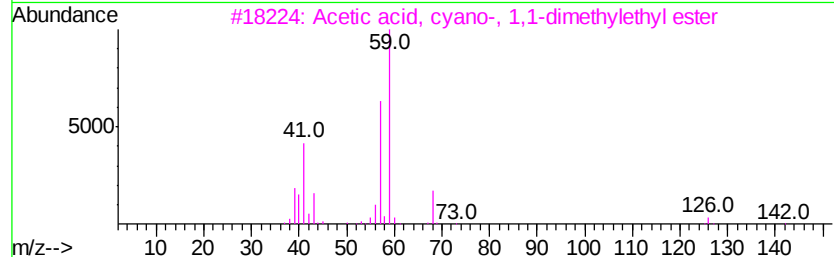
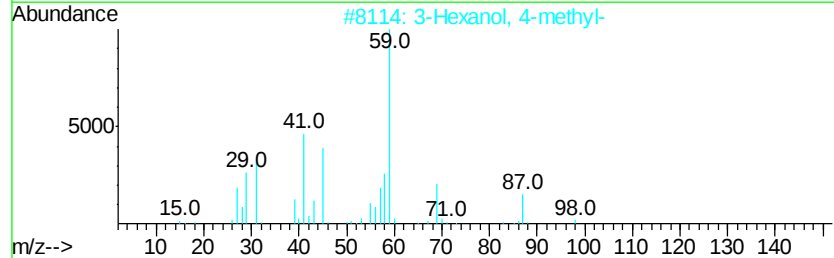
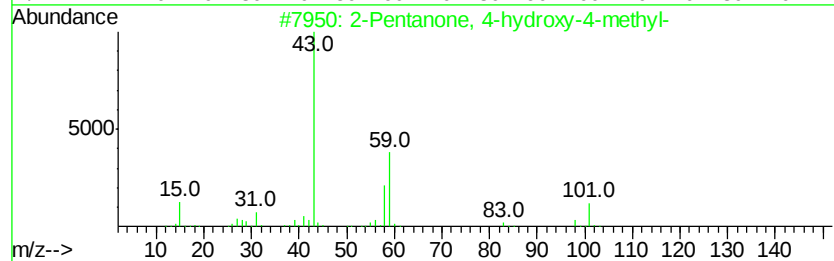
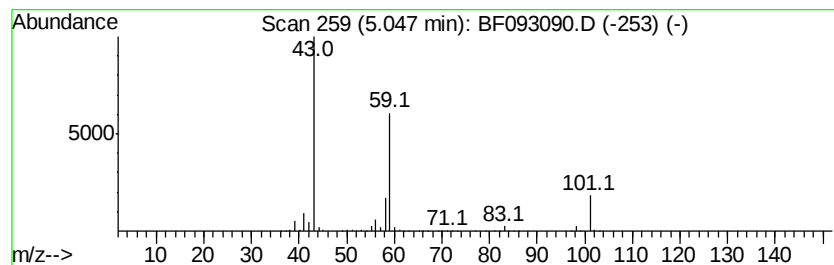
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	232.94 ng	10696400	1,4-Dichlorobenzene-d4	6.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	32
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022217\
Data File : BF093090.D
Acq On : 22 Feb 2017 22:05
Operator : SJ/MA
Sample : I1931-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-5

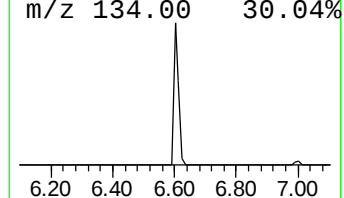
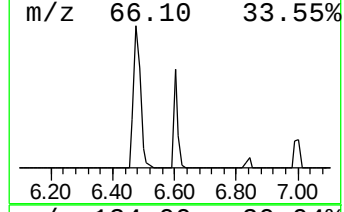
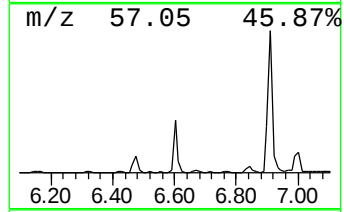
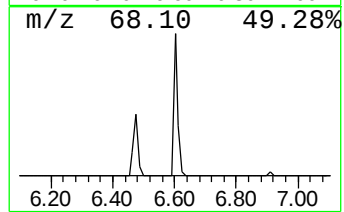
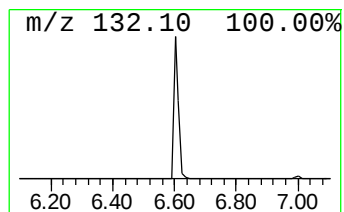
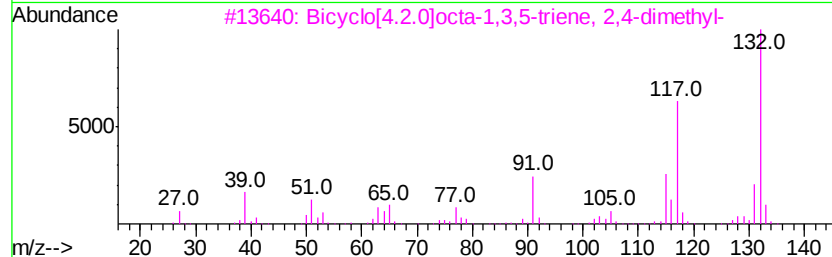
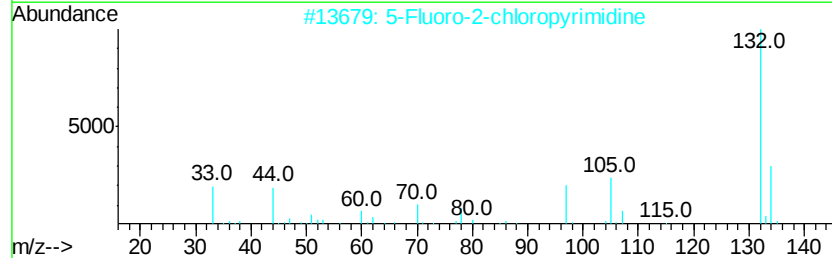
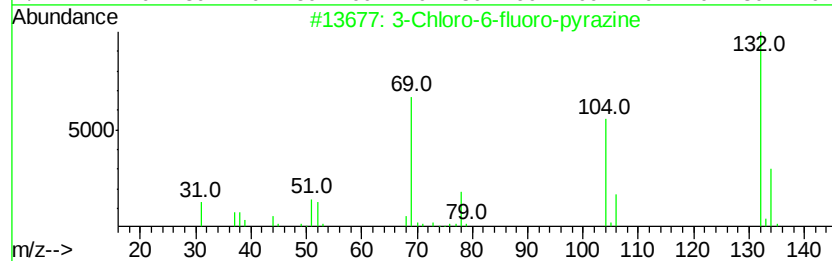
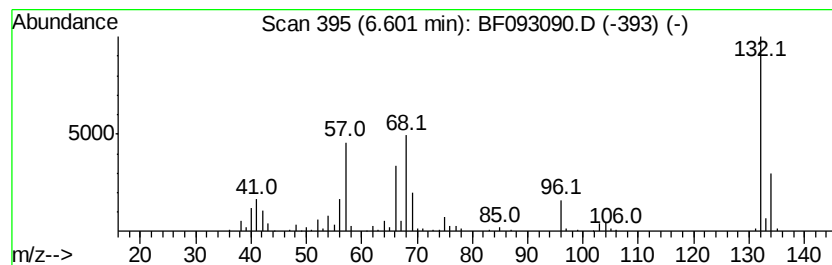
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.60 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	5.42 ng	249048	1,4-Dichlorobenzene-d4	6.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	9		



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
Data File : BF093090.D
Acq On : 22 Feb 2017 22:05
Operator : SJ/MA
Sample : I1931-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-5

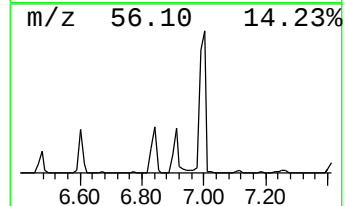
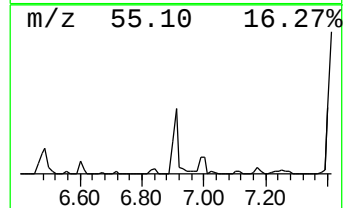
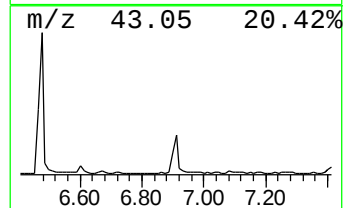
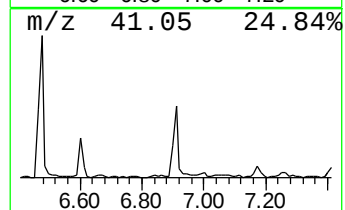
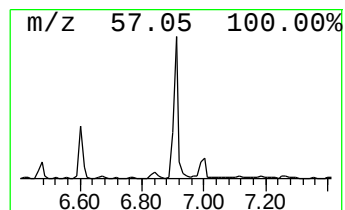
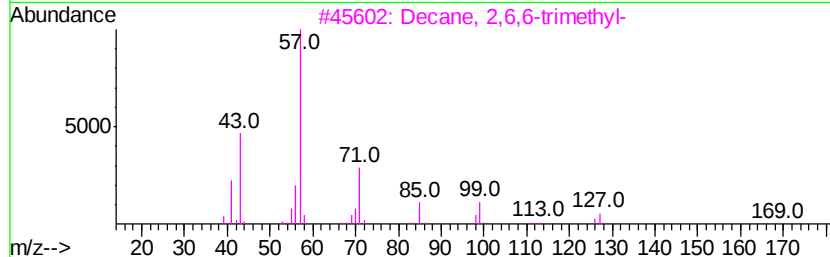
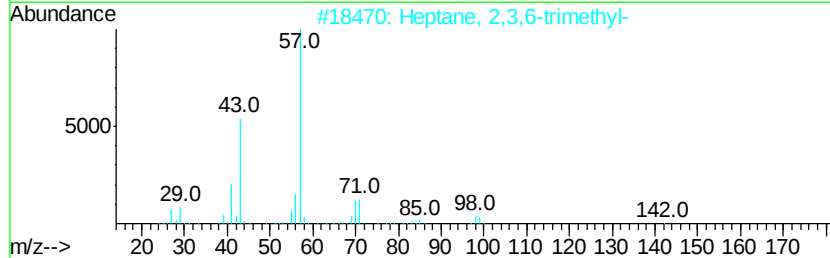
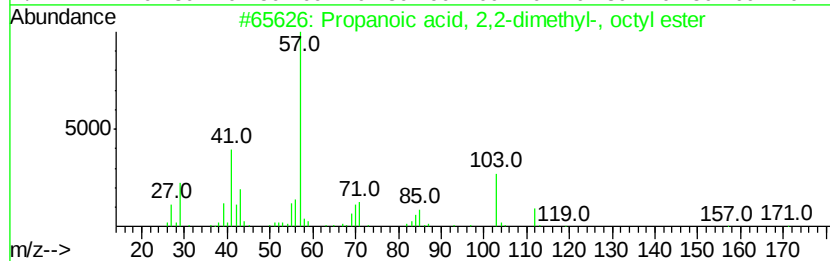
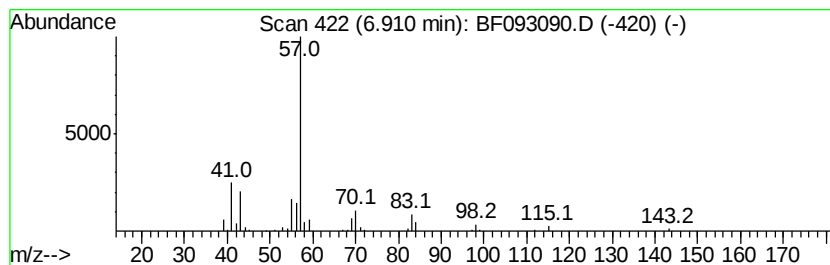
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Propanoic acid, 2,2-dimethy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	3.82 ng	175251	1,4-Dichlorobenzene-d4	6.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanoic acid, 2,2-dimethyl-, o...	214	C13H26O2	027751-88-8	64
2			Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	59
3			Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	45
4			1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	40
5			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	40



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
Data File : BF093090.D
Acq On : 22 Feb 2017 22:05
Operator : SJ/MA
Sample : I1931-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-5

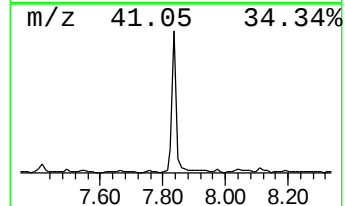
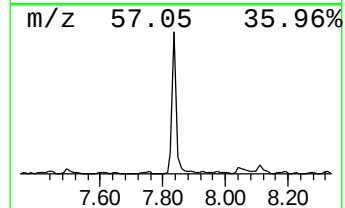
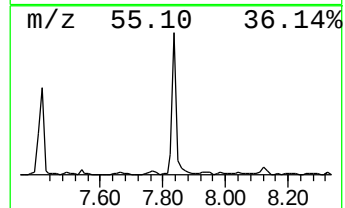
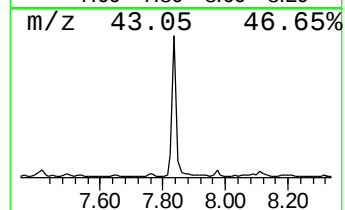
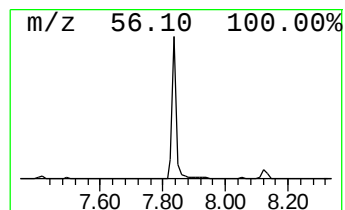
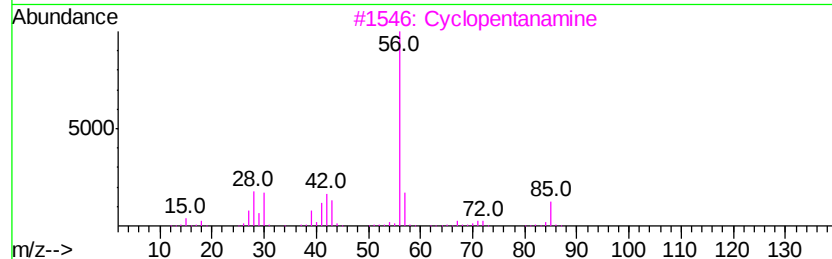
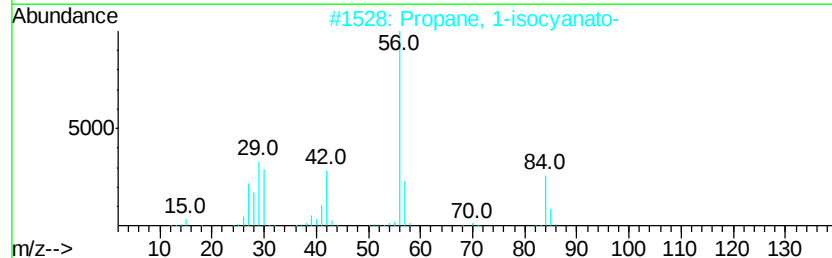
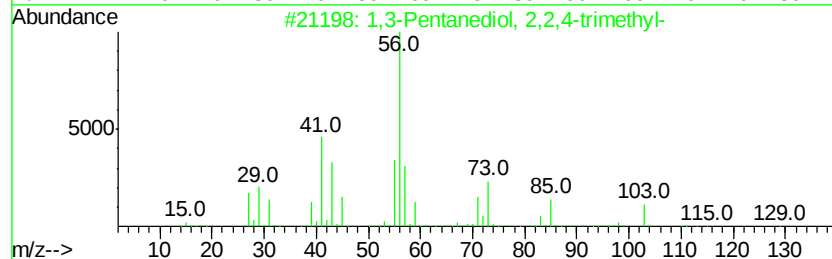
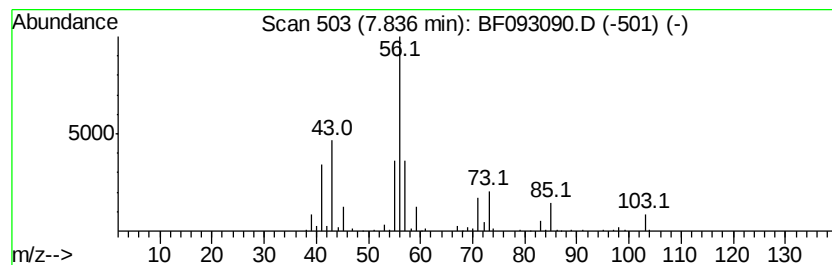
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1,3-Pentanediol, 2,2,4-trim... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	5.79 ng	357771	Napthalene-d8	8.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	90
2			Propane, 1-isocyanato-	85	C4H7NO	000110-78-1	37
3			Cyclopentanamine	85	C5H11N	001003-03-8	37
4			Pentanal, 3-methyl-	100	C6H12O	015877-57-3	36
5			1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	23



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
Data File : BF093090.D
Acq On : 22 Feb 2017 22:05
Operator : SJ/MA
Sample : I1931-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-5

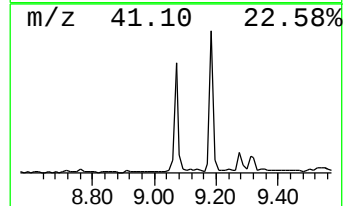
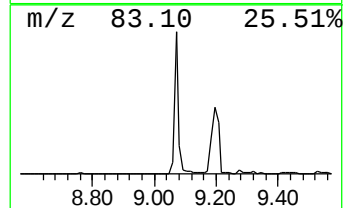
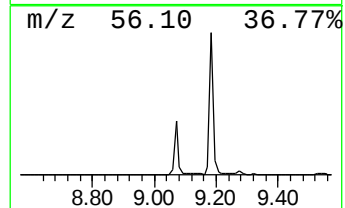
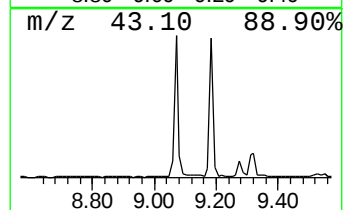
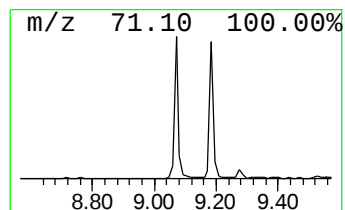
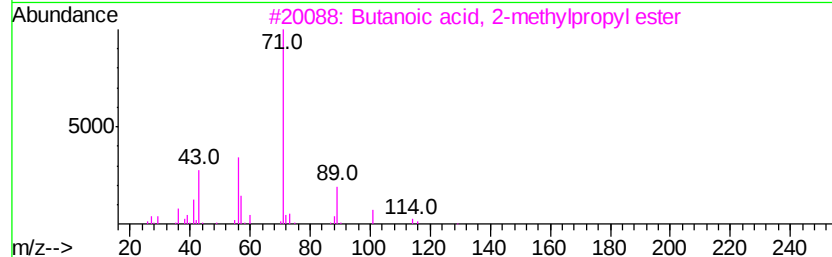
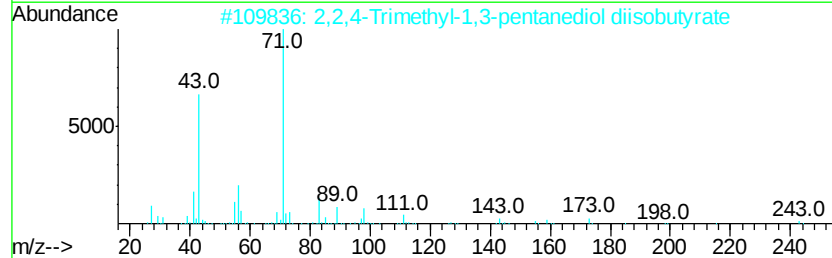
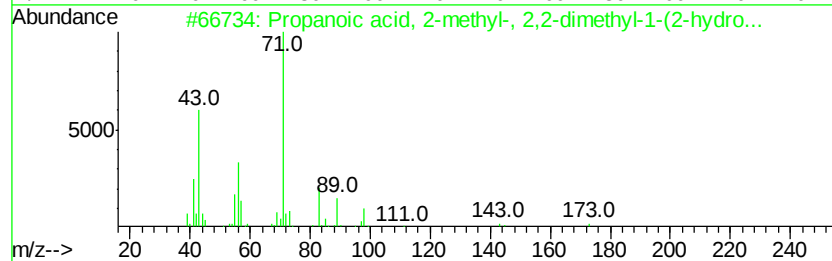
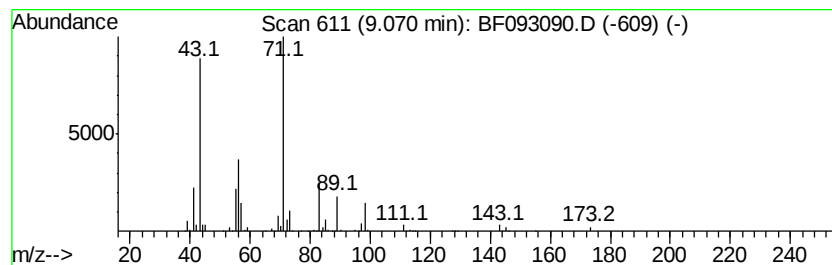
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Propanoic acid, 2-methyl-, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	6.86 ng	468985	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	90
2		2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	78
3		Butanoic acid, 2-methylpropyl ester	144	C8H16O2	000539-90-2	45
4		Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3	074367-34-3	43
5		Propanoic acid, 2-methyl-, 2-eth...	216	C12H24O3	074367-31-0	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022217\
Data File : BF093090.D
Acq On : 22 Feb 2017 22:05
Operator : SJ/MA
Sample : I1931-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

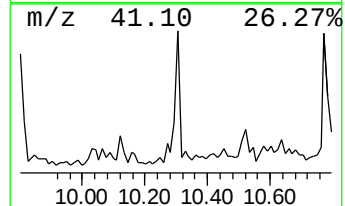
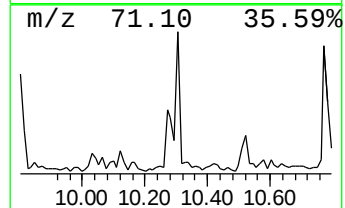
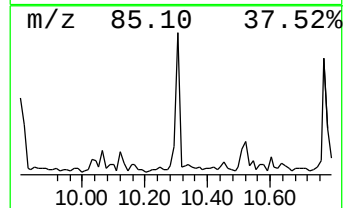
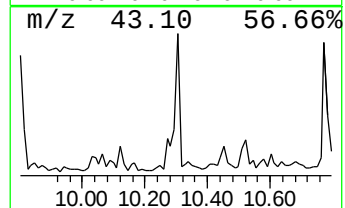
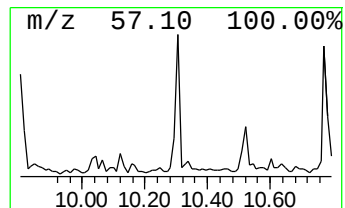
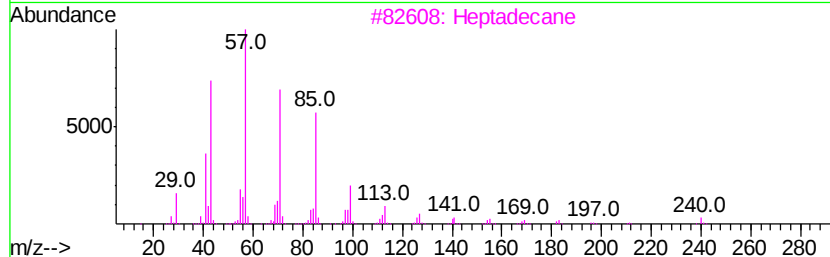
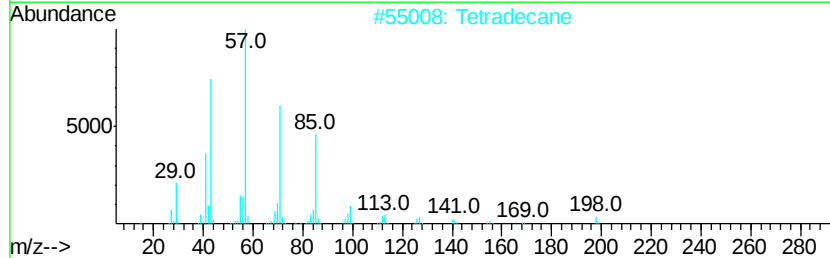
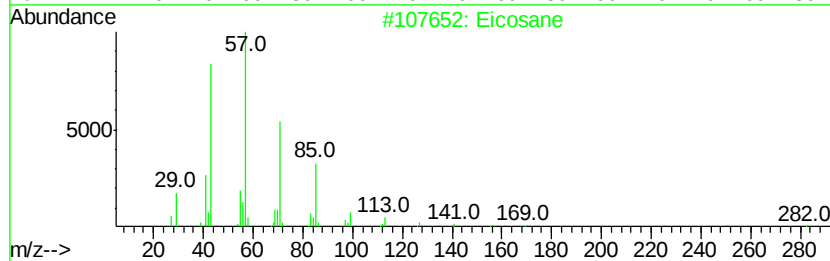
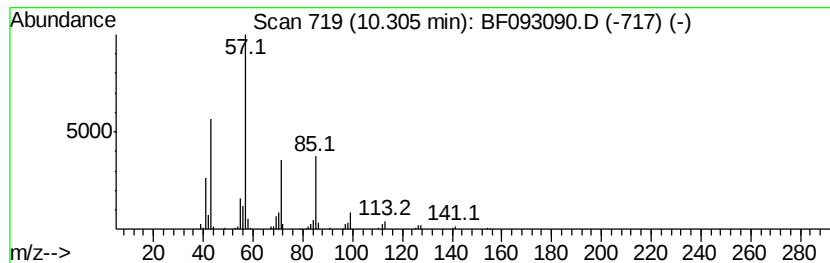
Instrument :
BNA_F
ClientSampleId :
P-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	2.66 ng	182257	Acenaphthene-d10	9.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	83
2	Tetradecane	198 C14H30	000629-59-4	80
3	Heptadecane	240 C17H36	000629-78-7	78
4	Pentadecane	212 C15H32	000629-62-9	72
5	Hexadecane	226 C16H34	000544-76-3	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
Data File : BF093090.D
Acq On : 22 Feb 2017 22:05
Operator : SJ/MA
Sample : I1931-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
P-5

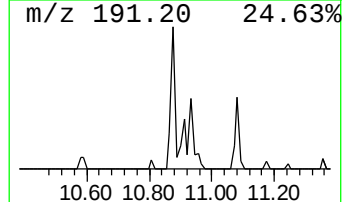
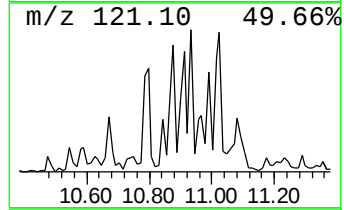
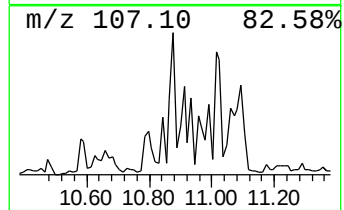
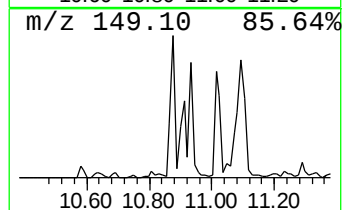
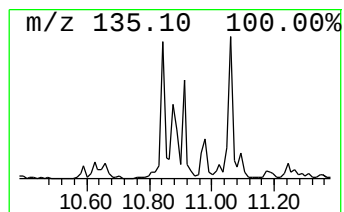
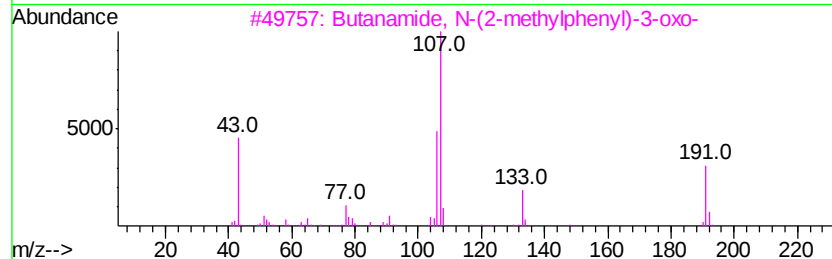
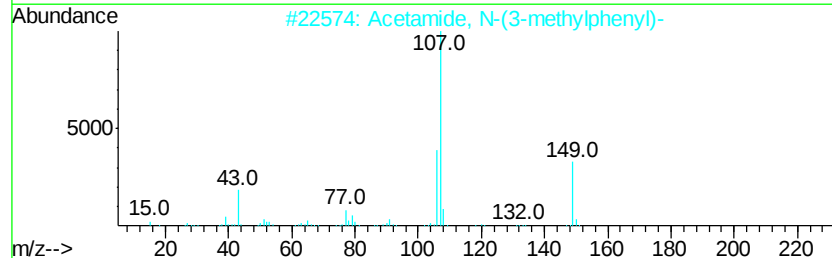
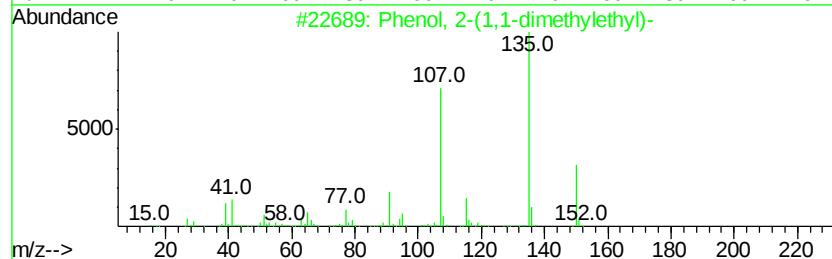
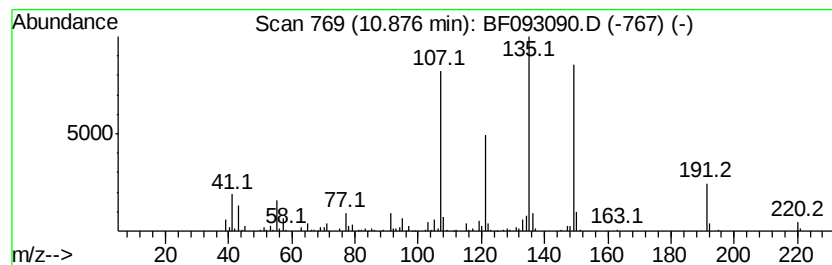
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenol, 2-(1,1-dimethylethyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	4.13 ng	315631	Phenanthrene-d10	11.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	53
2			Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	46
3			Butanamide, N-(2-methylphenyl)-3-oxo-	191	C11H13NO2	000093-68-5	25
4			4-Butoxy-2-hydroxybenzonitrile	191	C11H13NO2	144105-12-4	25
5			Pyridine-3-carbonitrile, 1,2-dihydro-	191	C9H9N3O2	220098-92-0	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
Data File : BF093090.D
Acq On : 22 Feb 2017 22:05
Operator : SJ/MA
Sample : I1931-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

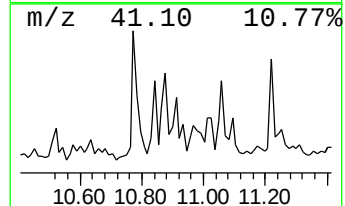
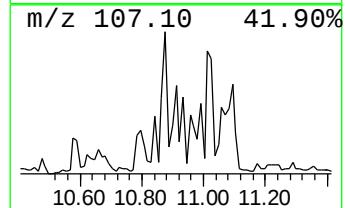
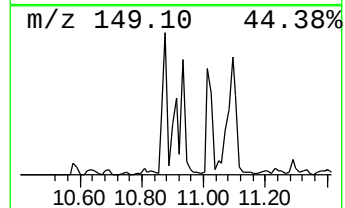
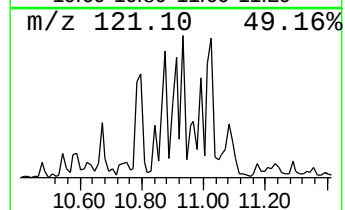
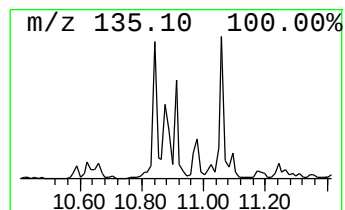
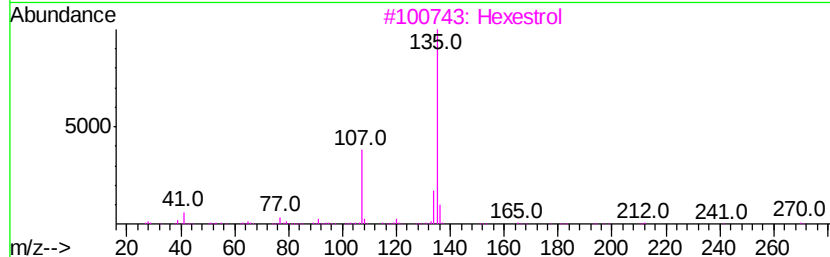
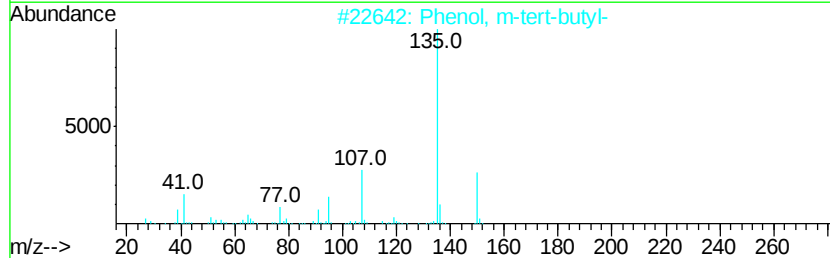
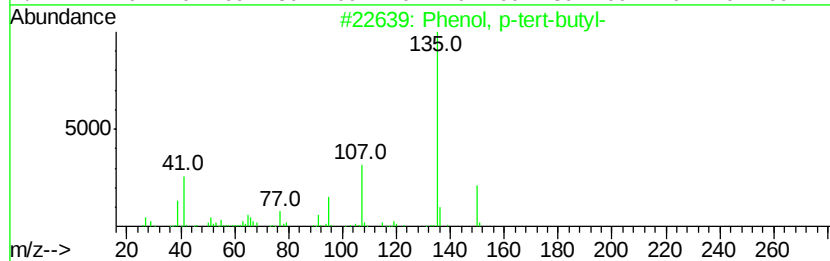
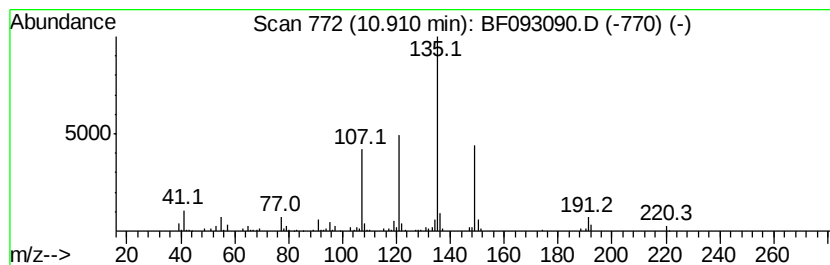
Instrument :
BNA_F
ClientSampleId :
P-5

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenol, p-tert-butyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.91	4.67 ng	356907	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	58
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	52
3	Hexestrol	270	C18H22O2	005635-50-7	50
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	50
5	Benzeneacetonitrile, 3-fluoro-	135	C8H6FN	000501-00-8	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
Data File : BF093090.D
Acq On : 22 Feb 2017 22:05
Operator : SJ/MA
Sample : I1931-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-5

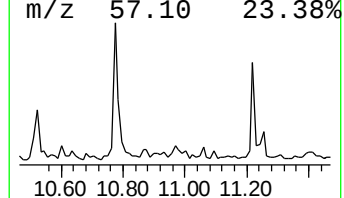
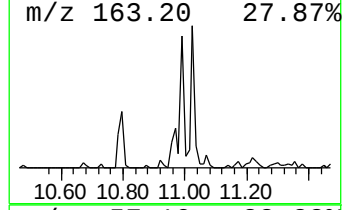
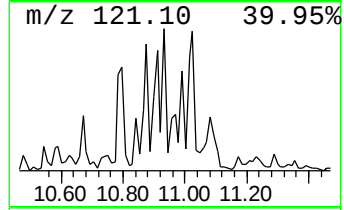
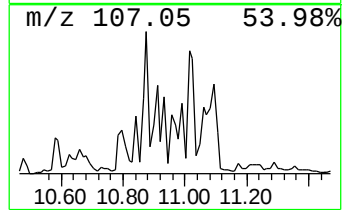
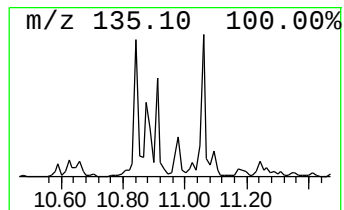
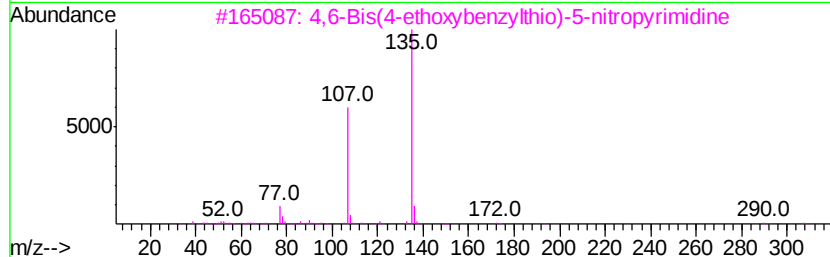
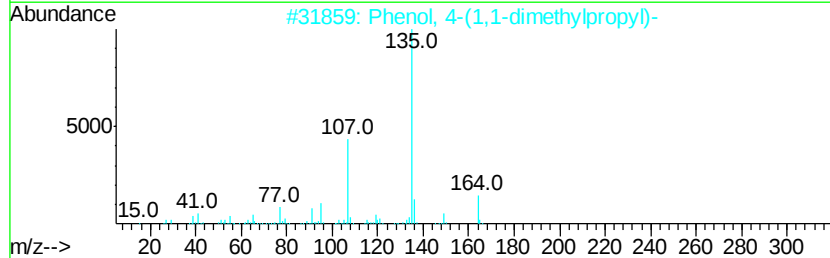
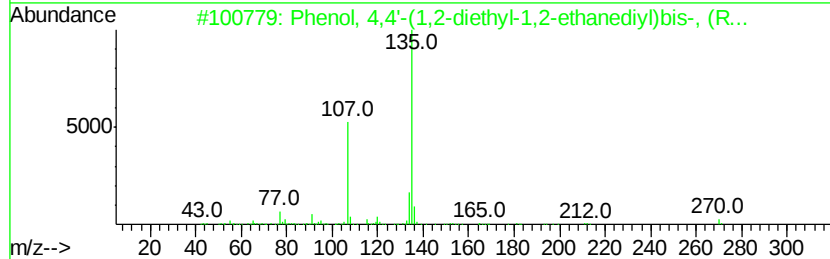
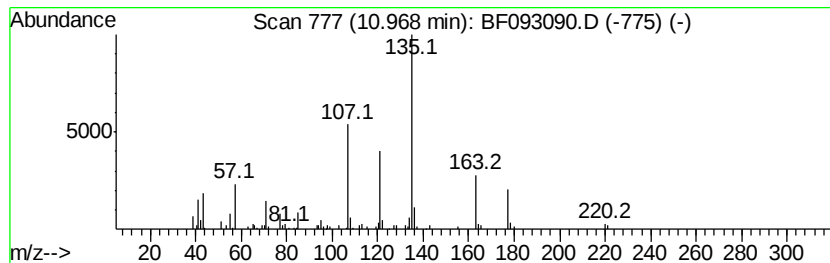
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenol, 4,4'-(1,2-diethyl-1... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	3.16 ng	241583	Phenanthrene-d10	11.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	53
2			Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	53
3			4,6-Bis(4-ethoxybenzylthio)-5-ni...	457	C22H23N3O4S2	325957-76-4	50
4			Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	43
5			3-Phenopropanol, 2'-hydroxy-3,3-d...	180	C11H16O2	040614-20-8	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022217\
Data File : BF093090.D
Acq On : 22 Feb 2017 22:05
Operator : SJ/MA
Sample : I1931-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-5

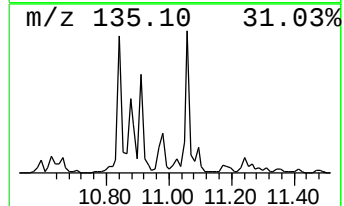
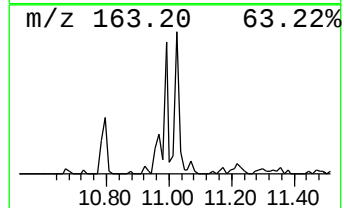
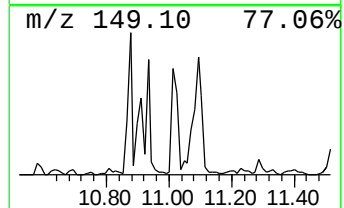
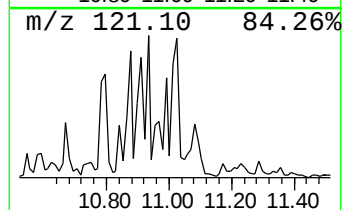
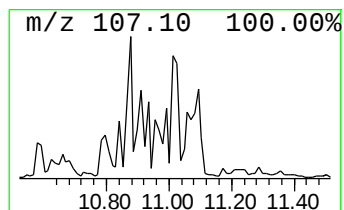
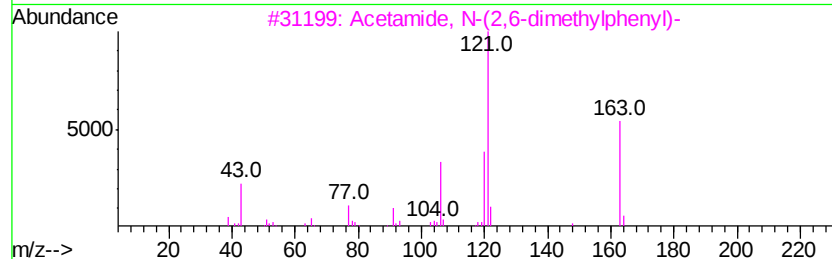
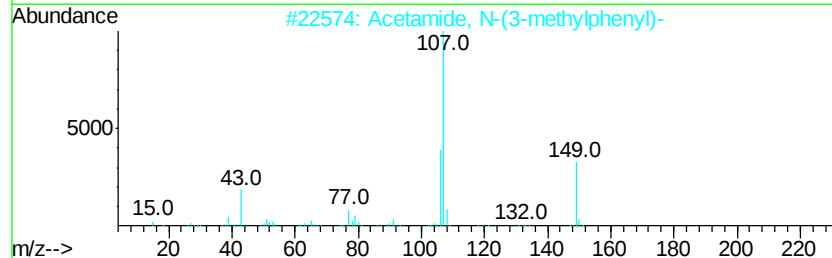
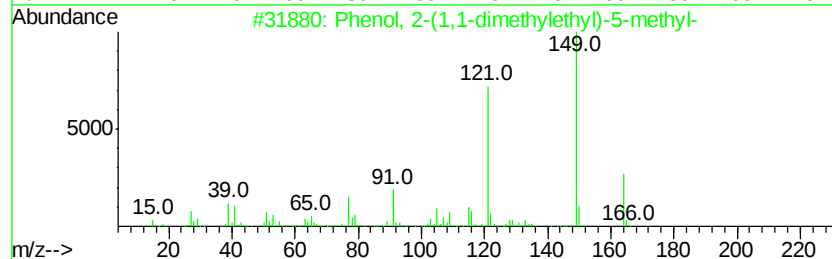
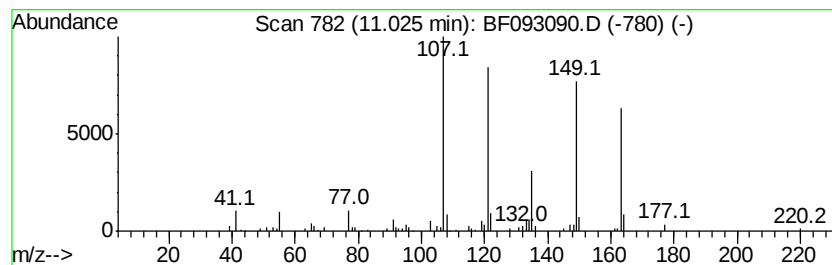
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown11.02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	3.01 ng	229789	Phenanthrene-d10	11.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 2-(1,1-dimethylethyl)-5-...	164	C11H16O	000088-60-8	43
2			Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	38
3			Acetamide, N-(2,6-dimethylphenyl)-	163	C10H13NO	002198-53-0	30
4			Acetamide, N-(2,4-dimethylphenyl)-	163	C10H13NO	002050-43-3	30
5			Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
Data File : BF093090.D
Acq On : 22 Feb 2017 22:05
Operator : SJ/MA
Sample : I1931-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
P-5

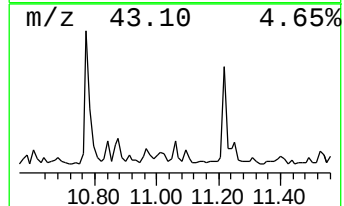
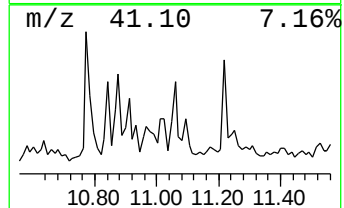
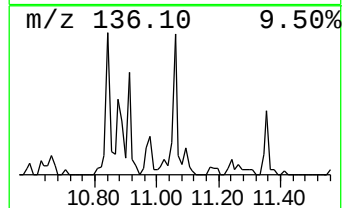
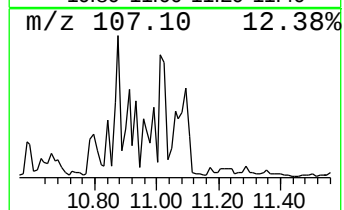
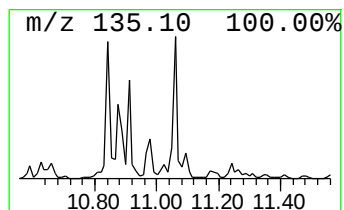
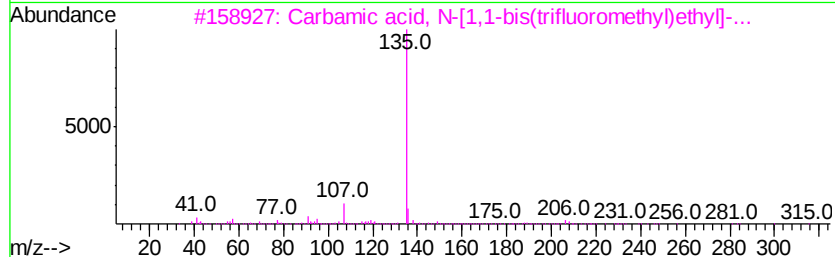
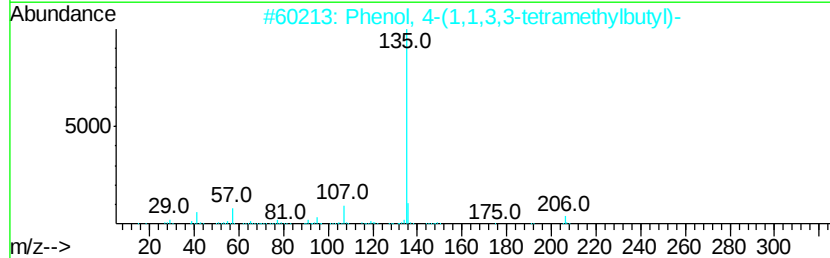
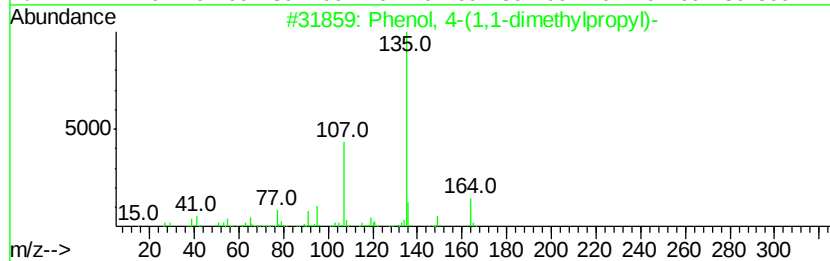
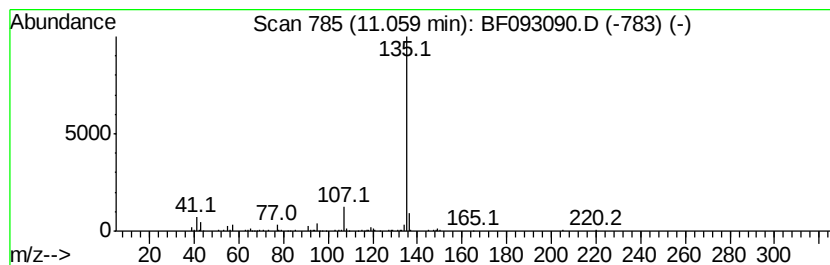
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenol, 4-(1,1-dimethylprop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	3.05 ng	233104	Phenanthrene-d10	11.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
2			Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3			Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6N02	296242-69-8	72
4			Pentandioic acid, (p-t-butylphen...	264	C15H20O4	212762-88-4	72
5			Benzoic acid, 2-methoxy-, phenyl...	228	C14H12O3	010268-71-0	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
Data File : BF093090.D
Acq On : 22 Feb 2017 22:05
Operator : SJ/MA
Sample : I1931-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
P-5

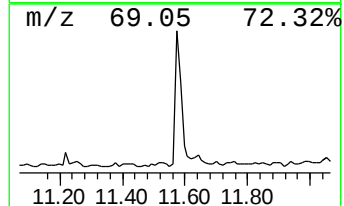
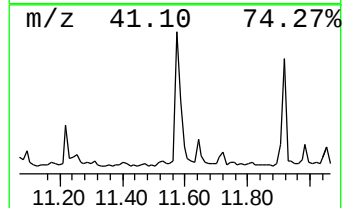
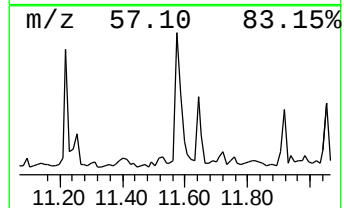
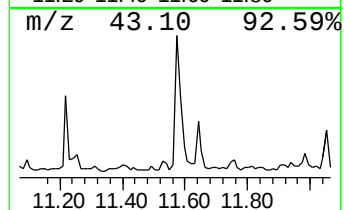
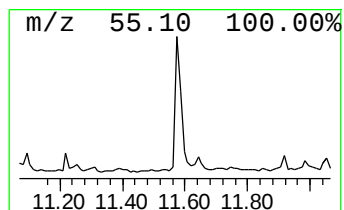
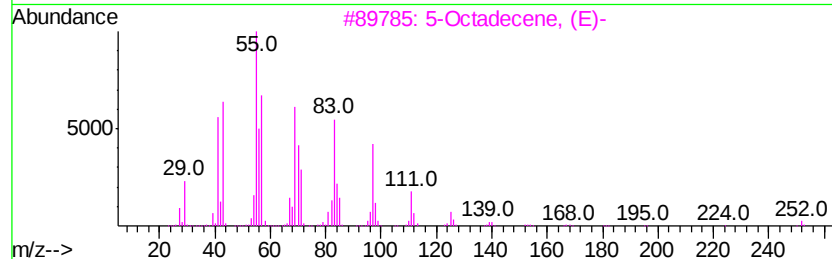
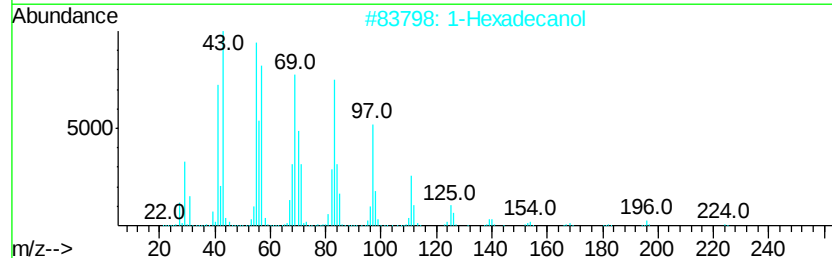
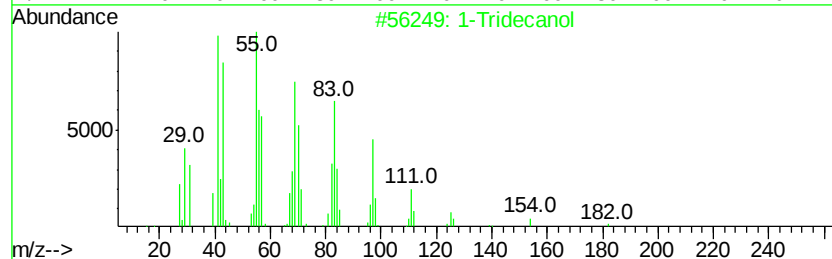
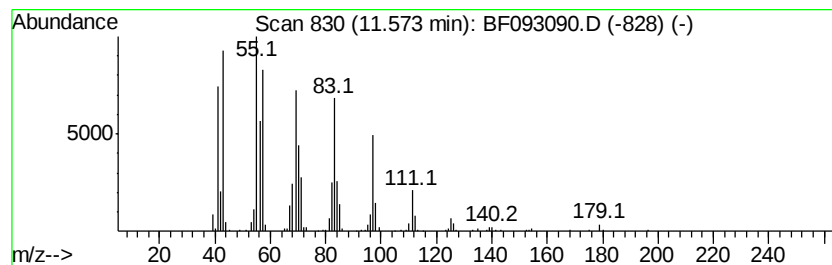
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1-Tridecanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	7.73 ng	590591	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Tridecanol	200	C13H28O	000112-70-9	91
2		1-Hexadecanol	242	C16H34O	036653-82-4	91
3		5-Octadecene, (E)-	252	C18H36	007206-21-5	91
4		Cyclotetradecane	196	C14H28	000295-17-0	91
5		9-Octadecene, (E)-	252	C18H36	007206-25-9	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
Data File : BF093090.D
Acq On : 22 Feb 2017 22:05
Operator : SJ/MA
Sample : I1931-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
P-5

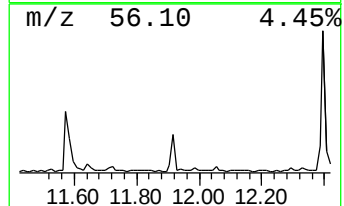
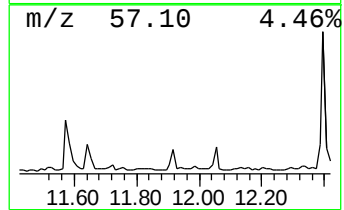
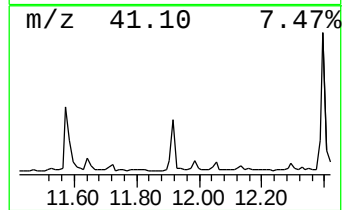
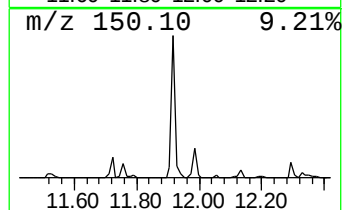
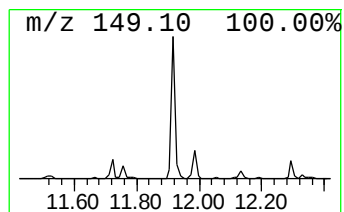
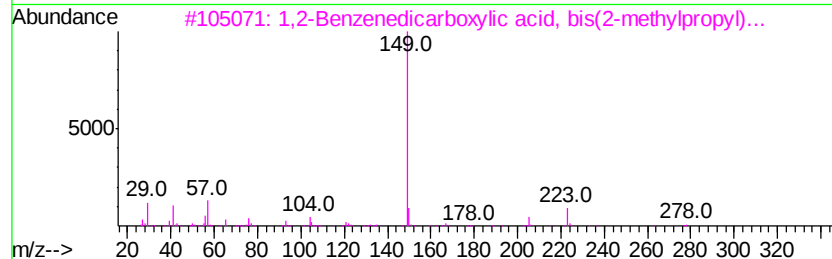
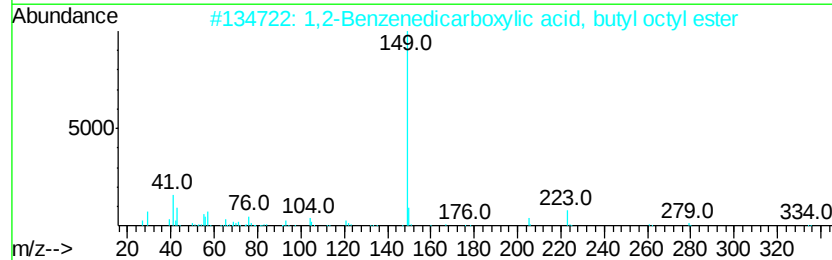
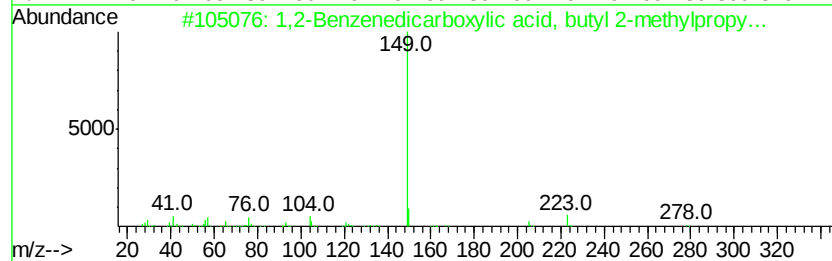
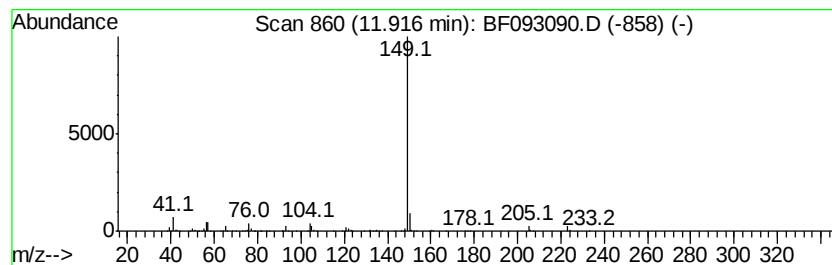
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1,2-Benzenedicarboxylic aci... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	6.52 ng	497674	Phenanthrene-d10	11.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Benzenedicarboxylic acid, bu...	278	C16H22O4	017851-53-5	86
2			1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000084-78-6	83
3			1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	83
4			1,2-Benzenedicarboxylic acid, di...	250	C14H18O4	000131-16-8	78
5			1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-18-9	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
Data File : BF093090.D
Acq On : 22 Feb 2017 22:05
Operator : SJ/MA
Sample : I1931-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-5

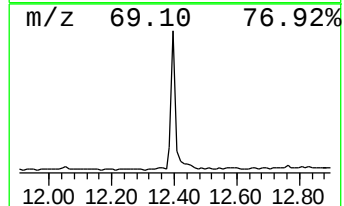
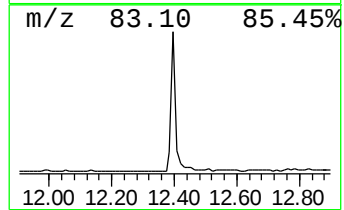
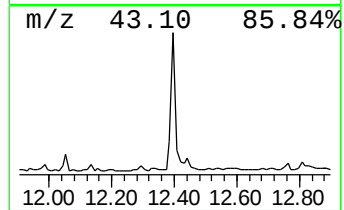
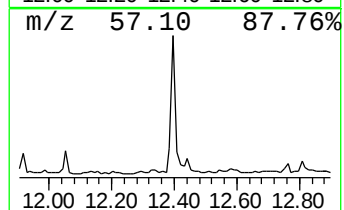
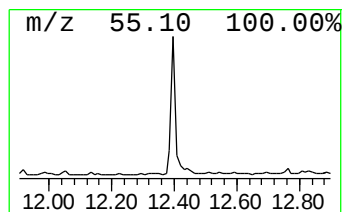
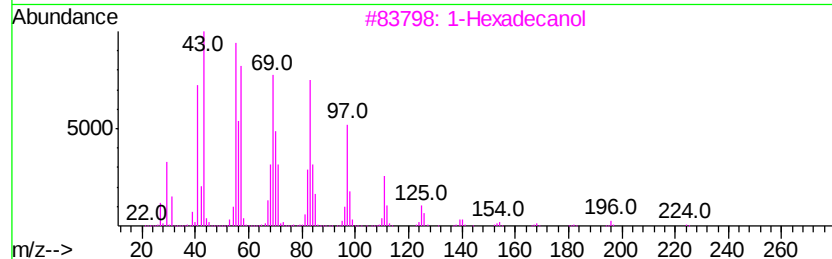
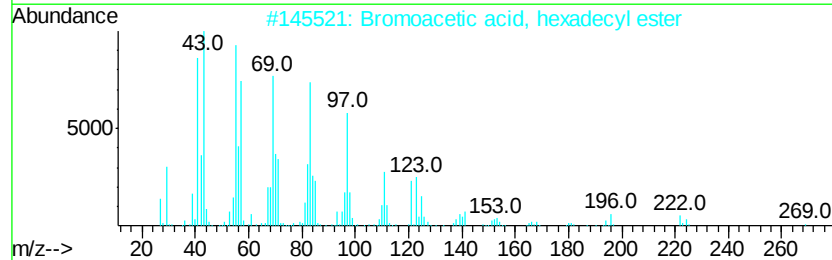
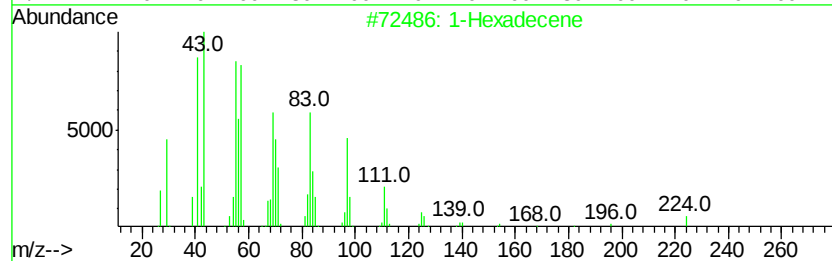
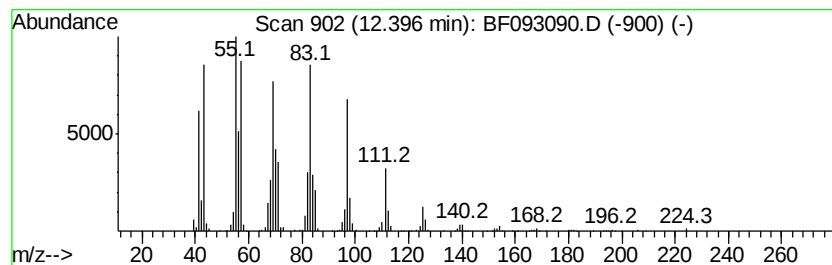
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1-Hexadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	14.71 ng	1123450	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecene		224	C16H32	000629-73-2	93
2	Bromoacetic acid, hexadecyl ester		362	C18H35BrO2	005454-48-8	91
3	1-Hexadecanol		242	C16H34O	036653-82-4	91
4	Cyclohexadecane		224	C16H32	000295-65-8	91
5	1-Nonadecene		266	C19H38	018435-45-5	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022217\
Data File : BF093090.D
Acq On : 22 Feb 2017 22:05
Operator : SJ/MA
Sample : I1931-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

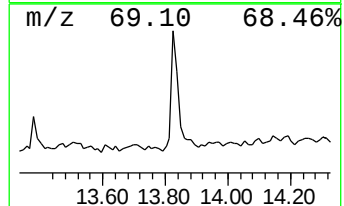
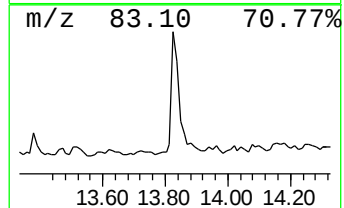
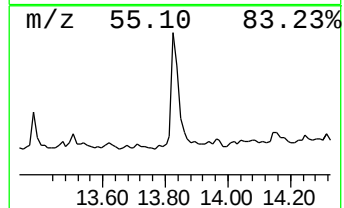
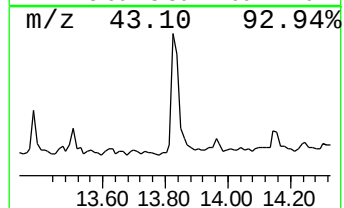
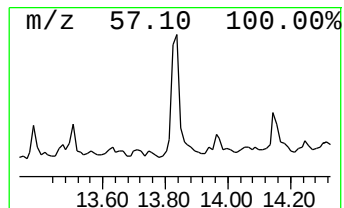
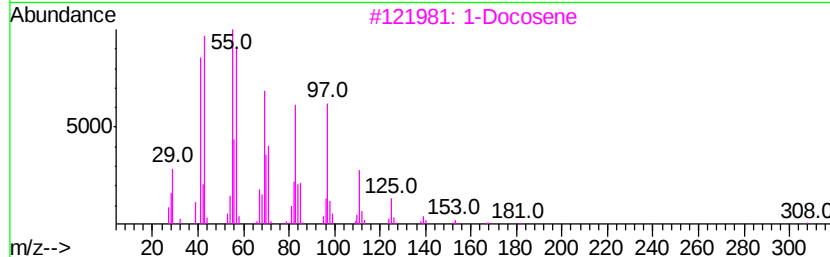
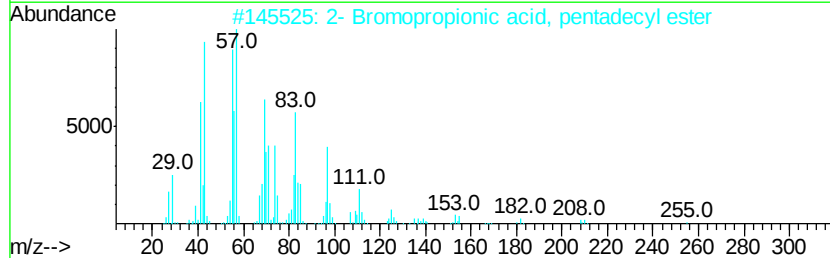
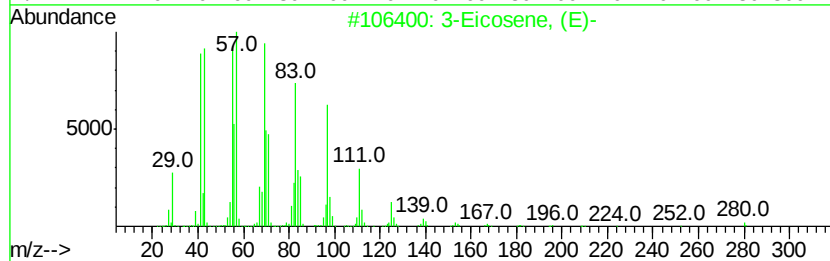
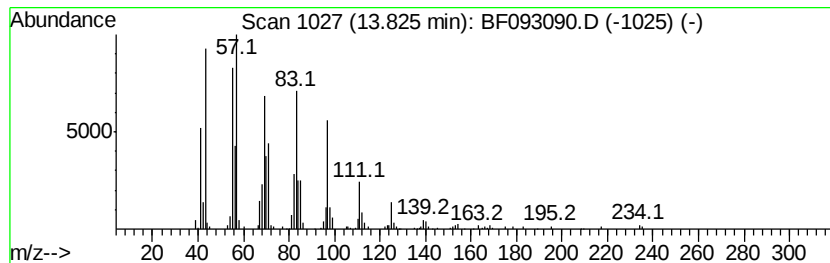
Instrument :
BNA_F
ClientSampleId :
P-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 3-Eicosene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.83	6.27 ng	414963	Chrysene-d12	13.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	2- Bromopropionic acid, pentadec...	362	C18H35BrO2	1000292-44-2	91
3	1-Docosene	308	C22H44	001599-67-3	91
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
Data File : BF093090.D
Acq On : 22 Feb 2017 22:05
Operator : SJ/MA
Sample : I1931-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-5

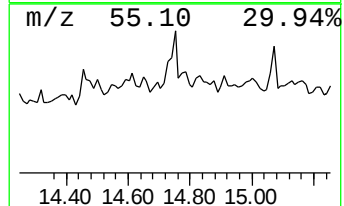
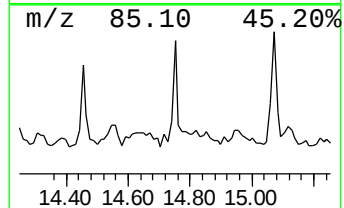
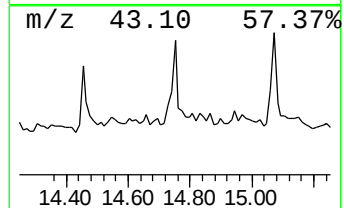
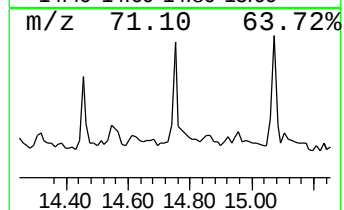
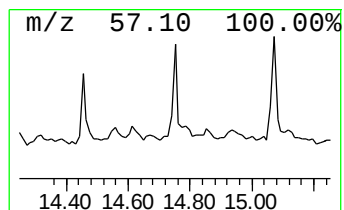
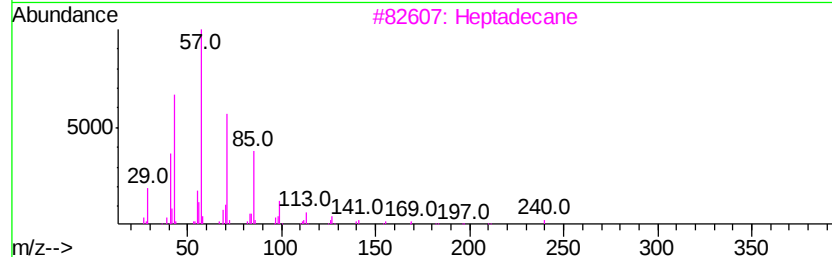
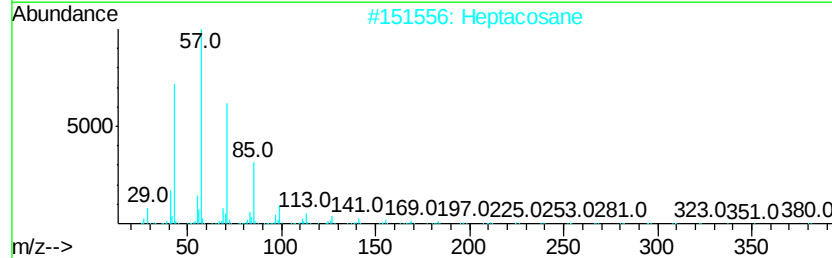
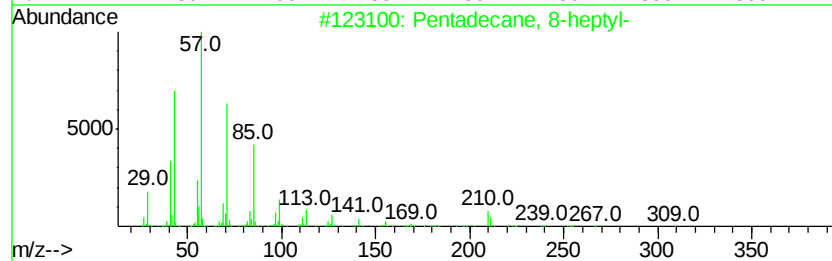
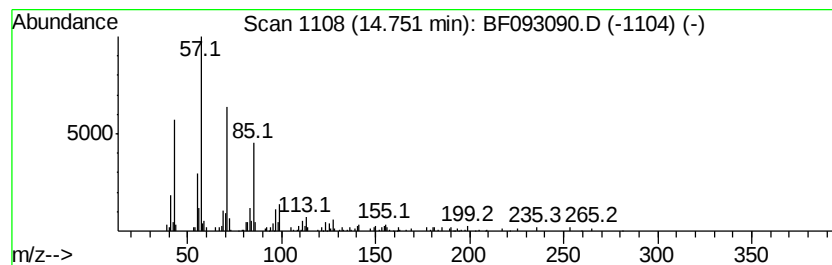
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentadecane, 8-heptyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	3.42 ng	208007	Perylene-d12	15.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
2		Heptacosane	380	C27H56	000593-49-7	87
3		Heptadecane	240	C17H36	000629-78-7	86
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5		Tetracosane	338	C24H50	000646-31-1	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
Data File : BF093090.D
Acq On : 22 Feb 2017 22:05
Operator : SJ/MA
Sample : I1931-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-5

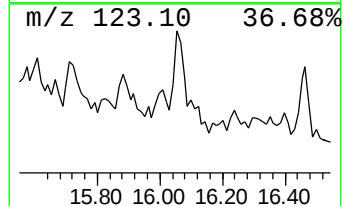
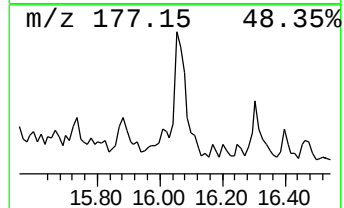
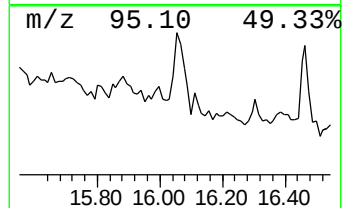
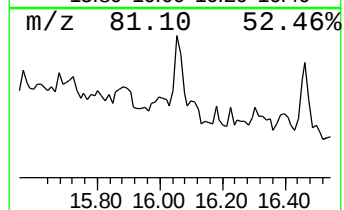
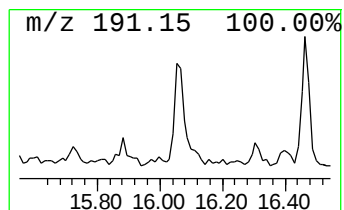
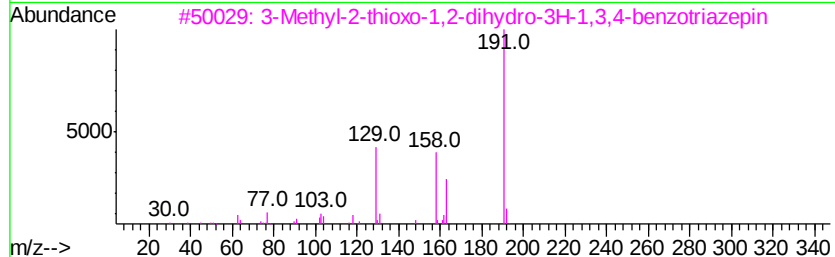
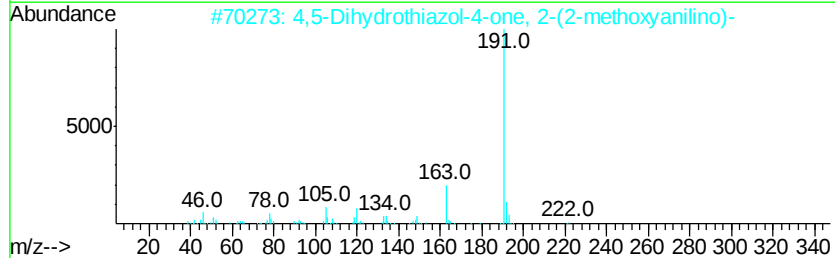
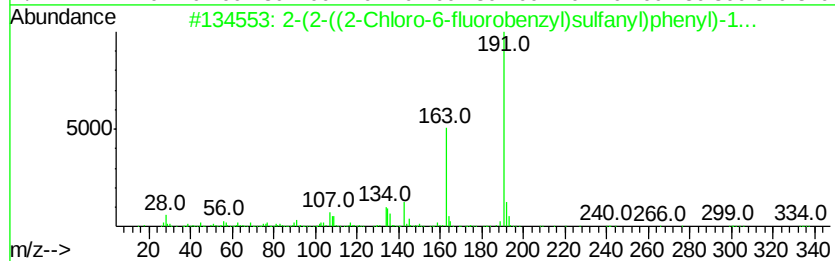
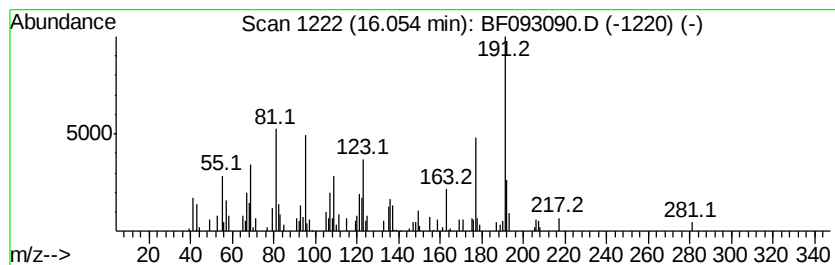
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown16.05 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	3.04 ng	184661	Perylene-d12	15.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2	-(2-((2-Chloro-6-fluorobenzyl)s...	334	C17H16ClFN2S	1000298-18-2	32	
2	4,5-Dihydrothiazol-4-one, 2-(2-m...	222	C10H10N2O2S	022476-61-5	27		
3	3-Methyl-2-thioxo-1,2-dihydro-3H...	191	C9H9N3S	121361-81-7	27		
4	3-Buten-2-one, 4-(2,5,6,6-tetram...	206	C14H22O	000079-70-9	27		
5	2'-Fluoro-6'-(trifluoromethyl)-a...	206	C9H6F4O	174013-29-7	27		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022217\
 Data File : BF093090.D
 Acq On : 22 Feb 2017 22:05
 Operator : SJ/MA
 Sample : I1931-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3-Penten-2-one, 4...	4.34	78.6	ng	3610370	1	6.84	918387	20.0
2-Pentanone, 4-hy...	5.05	232.9	ng	10696400	1	6.84	918387	20.0
unknown6.60	6.60	5.4	ng	249048	1	6.84	918387	20.0
Propanoic acid, 2...	6.91	3.8	ng	175251	1	6.84	918387	20.0
1,3-Pentanediol, ...	7.84	5.8	ng	357771	2	8.13	1235890	20.0
Propanoic acid, 2...	9.07	6.9	ng	468985	3	9.87	1368060	20.0
Eicosane	10.30	2.7	ng	182257	3	9.87	1368060	20.0
Phenol, 2-(1,1-di...	10.88	4.1	ng	315631	4	11.36	1527280	20.0
Phenol, p-tert-bu...	10.91	4.7	ng	356907	4	11.36	1527280	20.0
Phenol, 4,4'-(1,2...	10.97	3.2	ng	241583	4	11.36	1527280	20.0
unknown11.02	11.02	3.0	ng	229789	4	11.36	1527280	20.0
Phenol, 4-(1,1-di...	11.06	3.0	ng	233104	4	11.36	1527280	20.0
1-Tridecanol	11.57	7.7	ng	590591	4	11.36	1527280	20.0
1,2-Benzenedicarb...	11.92	6.5	ng	497674	4	11.36	1527280	20.0
1-Hexadecene	12.40	14.7	ng	1123450	4	11.36	1527280	20.0
3-Eicosene, (E)-	13.83	6.3	ng	414963	5	13.98	1323720	20.0
Pentadecane, 8-he...	14.75	3.4	ng	208007	6	15.41	1215590	20.0
unknown16.05	16.05	3.0	ng	184661	6	15.41	1215590	20.0