

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031117\
 Data File : BF093571.D
 Acq On : 11 Mar 2017 17:04
 Operator : SJ/MA
 Sample : I2198-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-22

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-BF030717.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.870	259	261	275	rBV	253307	472089	7.49%	0.895%
2	5.316	298	300	320	rBV	2150858	3608964	57.23%	6.840%
3	6.379	391	393	401	rBV2	1343040	2444261	38.76%	4.633%
4	6.493	401	403	407	rVB	4747725	4695266	74.46%	8.899%
5	6.721	421	423	428	rVB	1071689	1283548	20.36%	2.433%
6	6.870	434	436	439	rBV	3780694	4017682	63.71%	7.615%
7	7.293	471	473	476	rBV	3049785	3815774	60.51%	7.232%
8	8.002	533	535	538	rBV	1375244	1703840	27.02%	3.229%
9	9.087	627	630	632	rBV	5162136	6305785	100.00%	11.952%
10	9.487	662	665	667	rBV	203675	205443	3.26%	0.389%
11	9.590	670	674	677	rBV	136708	244315	3.87%	0.463%
12	9.727	680	686	687	rBV	223130	519337	8.24%	0.984%
13	9.750	687	688	691	rVB2	1779294	1854256	29.41%	3.515%
14	10.002	706	710	712	rBV	1765938	2294773	36.39%	4.350%
15	10.185	725	726	727	rVB	115480	79162	1.26%	0.150%
16	10.402	743	745	748	rBV	45330	65944	1.05%	0.125%
17	10.550	755	758	761	rBV	2921035	3095966	49.10%	5.868%
18	10.676	766	769	772	rVV2	172850	317032	5.03%	0.601%
19	10.802	774	780	788	rVV	458911	1635122	25.93%	3.099%
20	11.099	804	806	808	rBV	113408	117131	1.86%	0.222%
21	11.236	816	818	821	rBV	1857647	1796612	28.49%	3.405%
22	11.522	841	843	845	rBV	63820	78928	1.25%	0.150%
23	11.773	863	865	872	rBV	157634	240409	3.81%	0.456%
24	12.562	931	934	936	rBV	50946	97880	1.55%	0.186%
25	12.825	954	957	959	rBV	4369765	4608066	73.08%	8.734%
26	13.716	1033	1035	1037	rBV2	50443	71681	1.14%	0.136%
27	13.876	1047	1049	1052	rBV	1292254	1328555	21.07%	2.518%
28	14.299	1084	1086	1090	rVB	123365	195462	3.10%	0.370%
29	14.459	1093	1100	1113	rVB	1095068	4291043	68.05%	8.133%
30	15.282	1169	1172	1177	rVB	642959	947456	15.03%	1.796%
31	17.580	1370	1373	1377	rBV	119387	327328	5.19%	0.620%

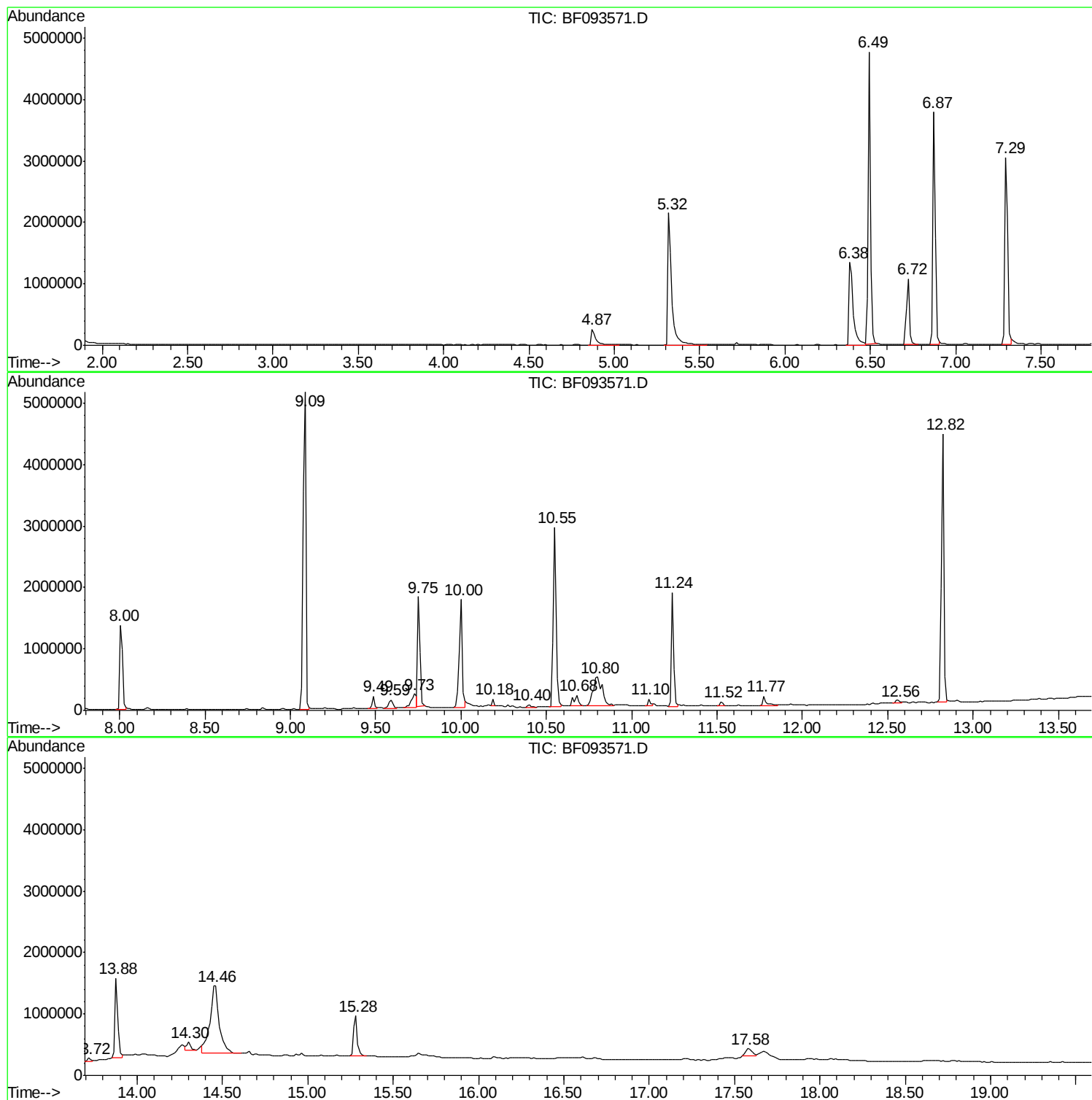
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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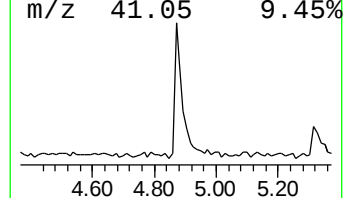
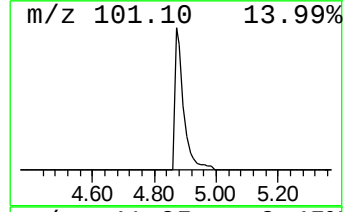
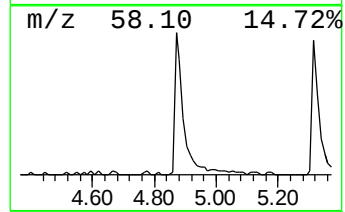
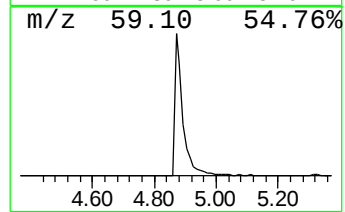
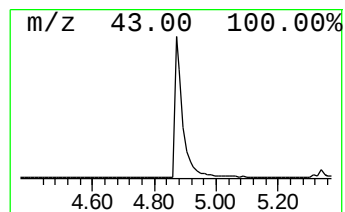
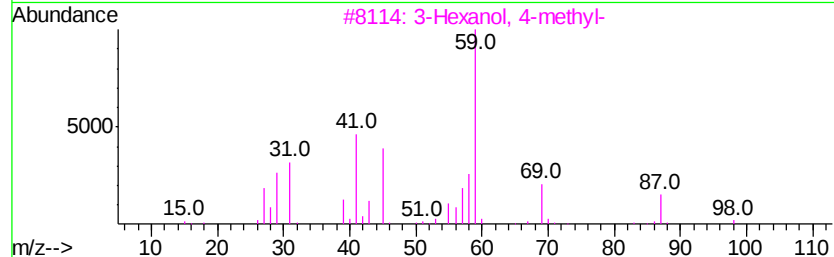
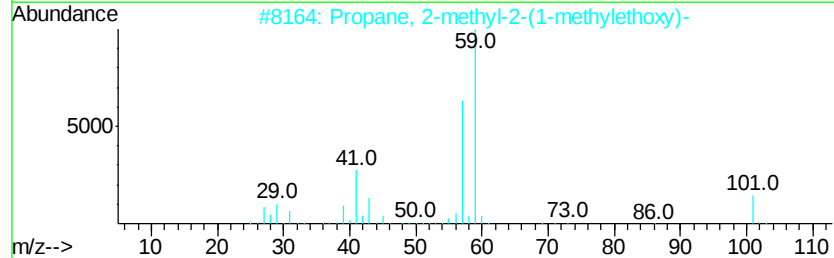
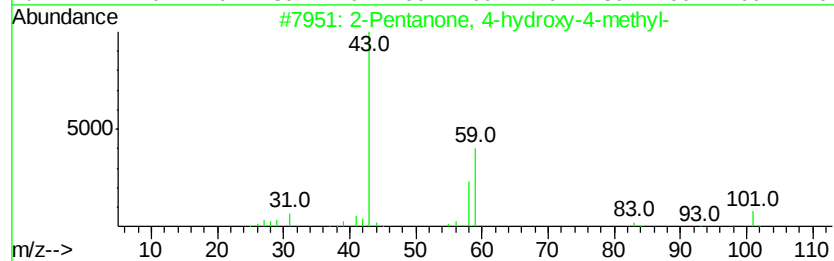
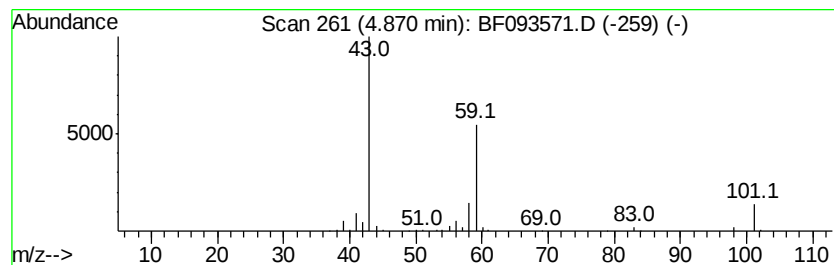
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	7.36 ng	472089	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	42
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5		Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	25



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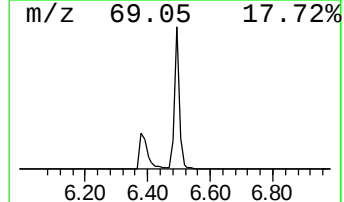
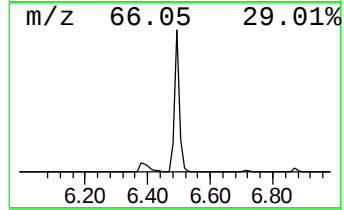
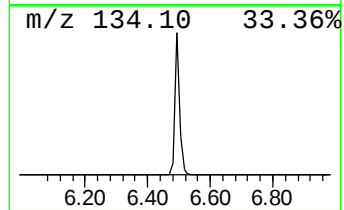
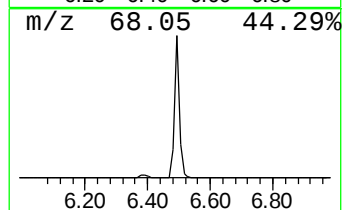
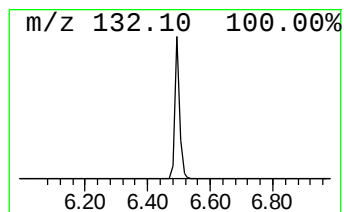
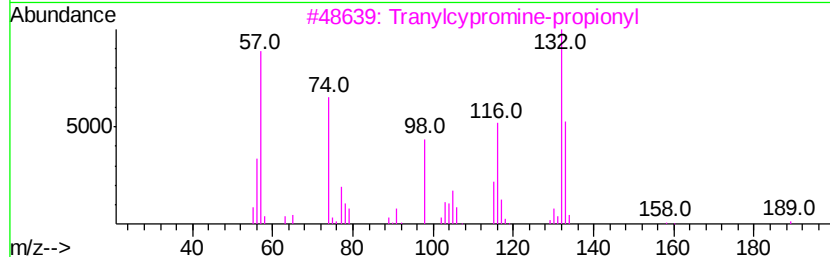
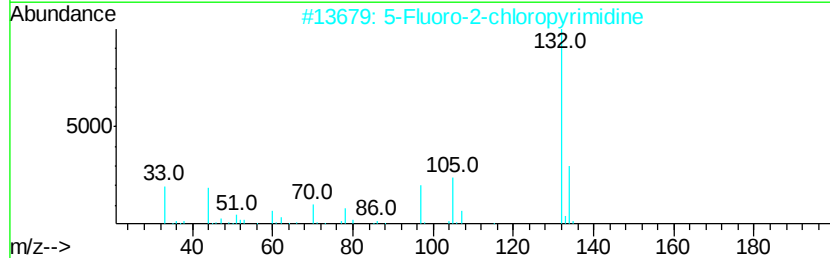
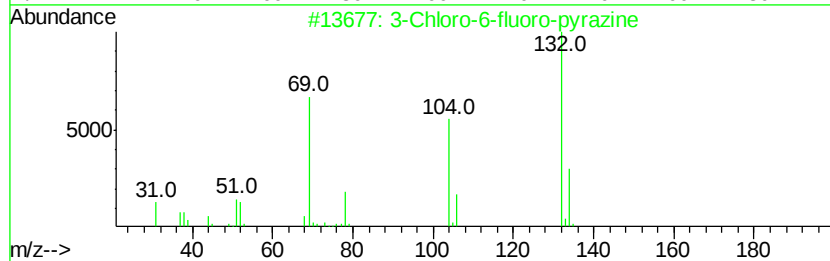
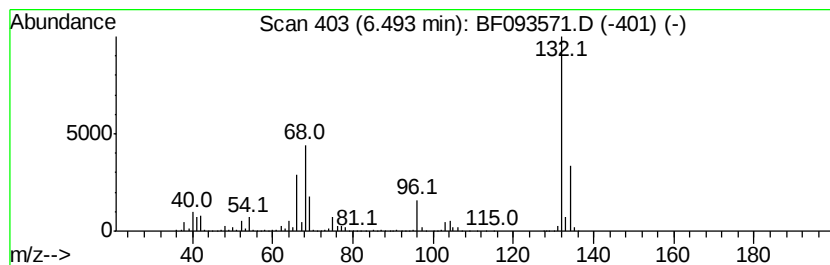
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Peak Number 2 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	73.16 ng	4695270	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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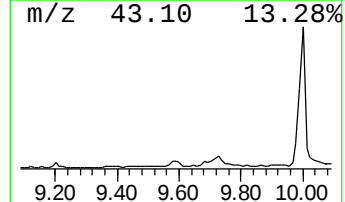
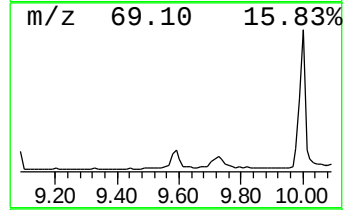
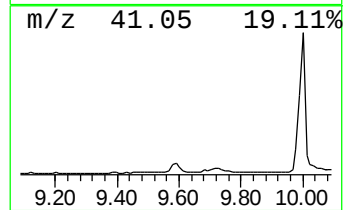
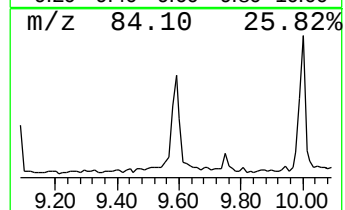
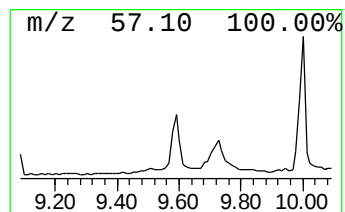
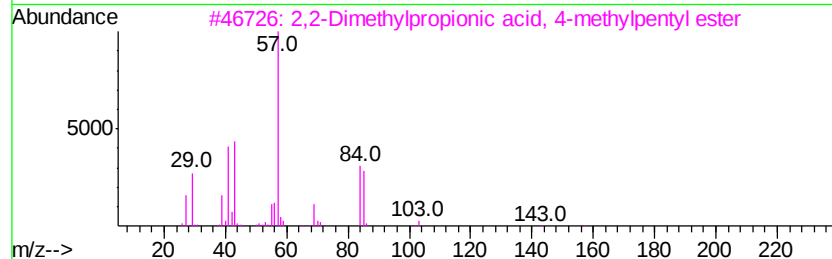
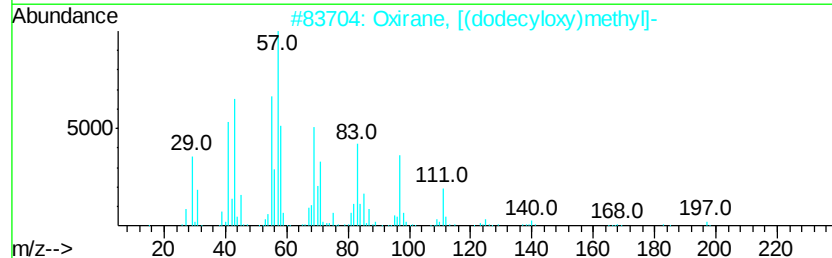
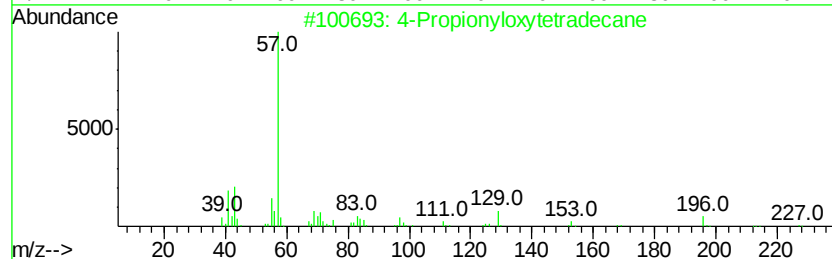
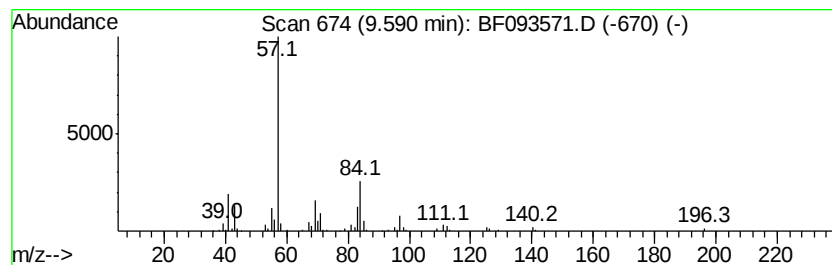
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Peak Number 4 unknown9.59 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	2.64 ng	244315	Acenaphthene-d10	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Propionyloxytetradecane	270	C17H34O2	1000245-62-9	47
2		Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	47
3		2,2-Dimethylpropionic acid, 4-me...	186	C11H22O2	150588-62-8	47
4		9-Eicosene, (E)-	280	C20H40	074685-29-3	43
5		1-Octadecene	252	C18H36	000112-88-9	43



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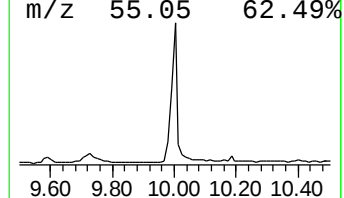
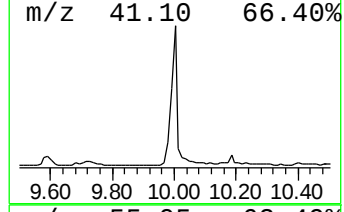
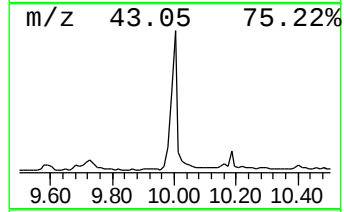
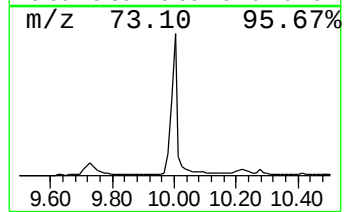
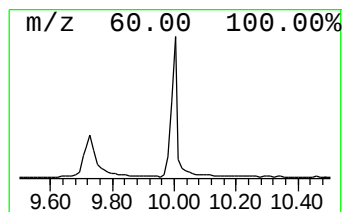
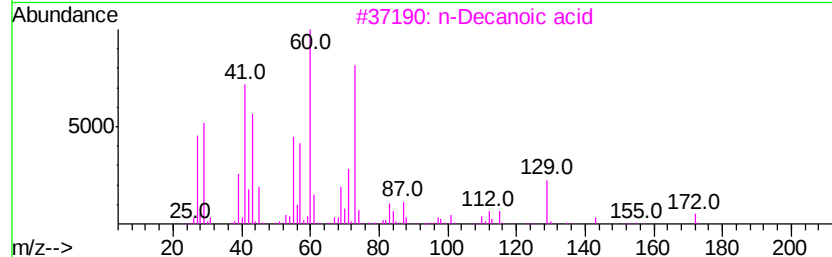
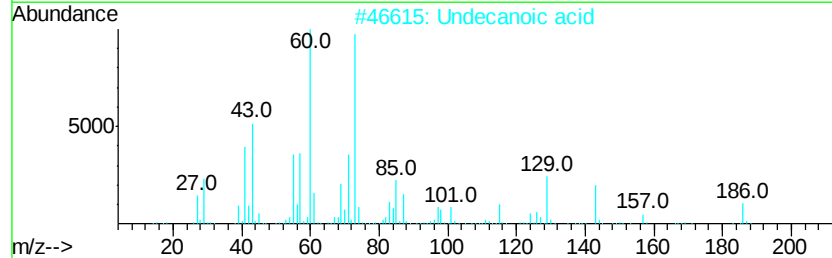
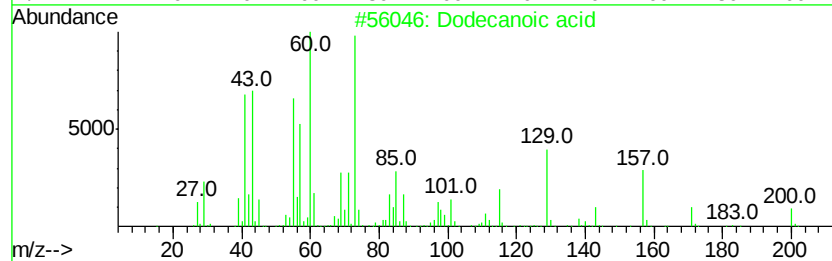
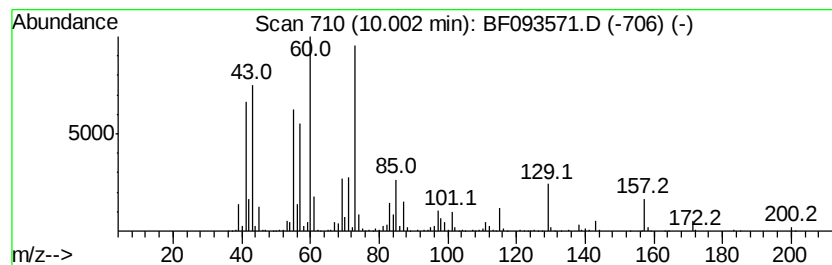
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Peak Number 5 Dodecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.00	24.75 ng	2294770	Acenaphthene-d10		9.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecanoic acid	200	C12H24O2	000143-07-7	98
2			Undecanoic acid	186	C11H22O2	000112-37-8	80
3			n-Decanoic acid	172	C10H20O2	000334-48-5	64
4			Octanoic Acid	144	C8H16O2	000124-07-2	60
5			Nonanoic acid	158	C9H18O2	000112-05-0	58



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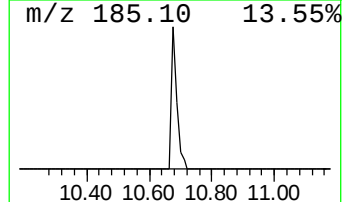
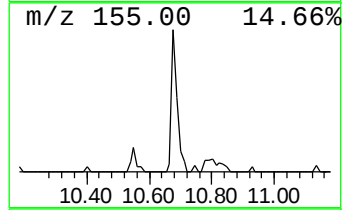
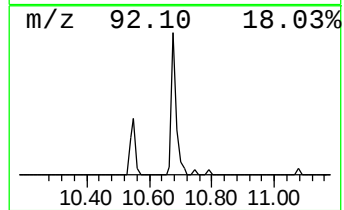
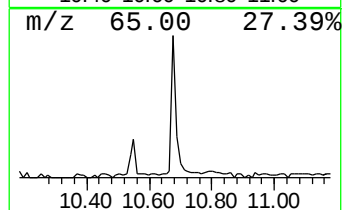
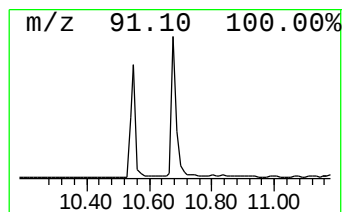
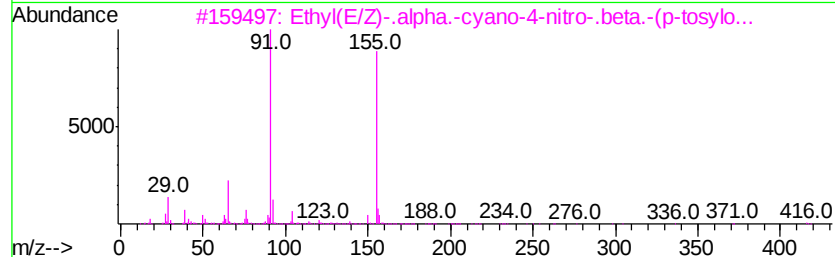
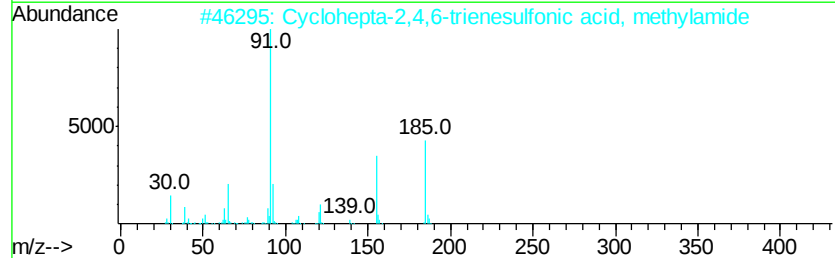
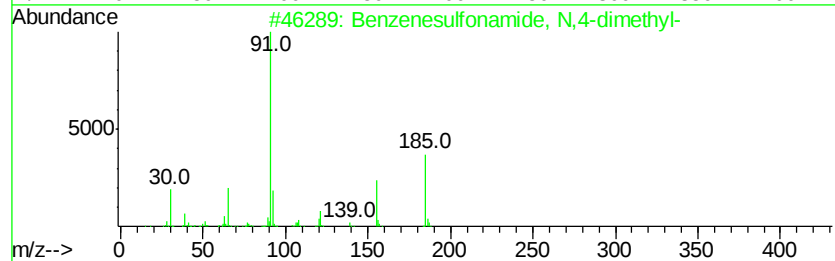
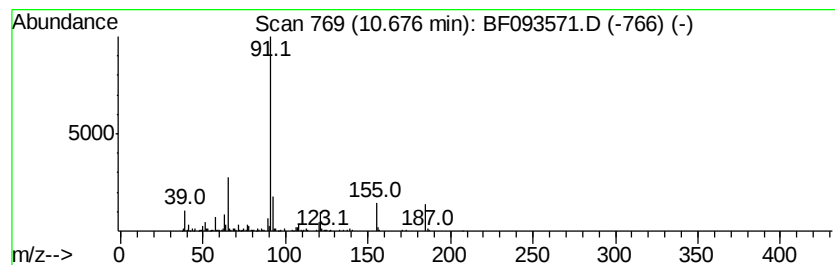
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 Benzenesulfonamide, N,4-dim... Concentration Rank 8

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10.68	3.53 ng	317032	Phenanthrene-d10	11.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	93
2		Cyclohepta-2,4,6-trienesulfonic ...	185	C8H11NO2S	1000187-28-7	76
3		Ethyl(E/Z)-.alpha.-cyano-4-nitro...	416	C19H16N2O7S	1000287-26-8	53
4		Pyridine-2-carbonitrile, 3,5,6-t...	375	C13H8Cl3N3O2S	255713-77-0	50
5		Benzeneethanamine	121	C8H11N	000064-04-0	47



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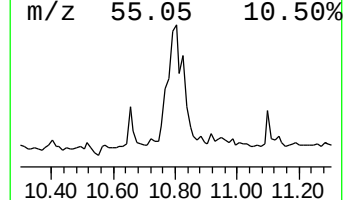
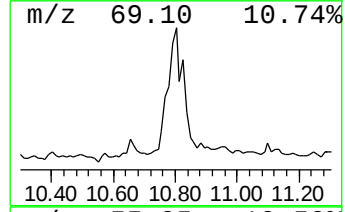
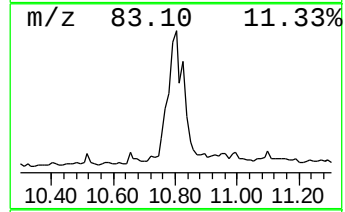
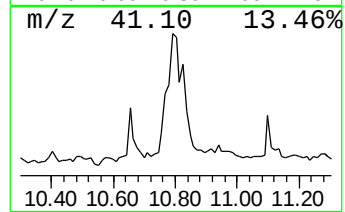
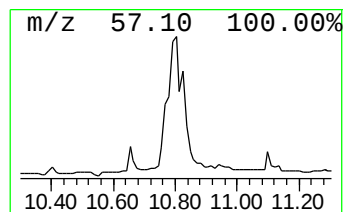
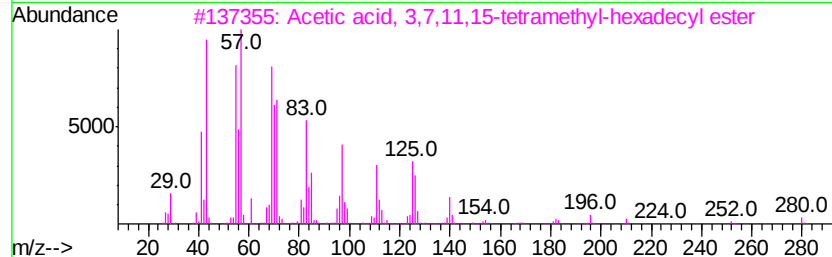
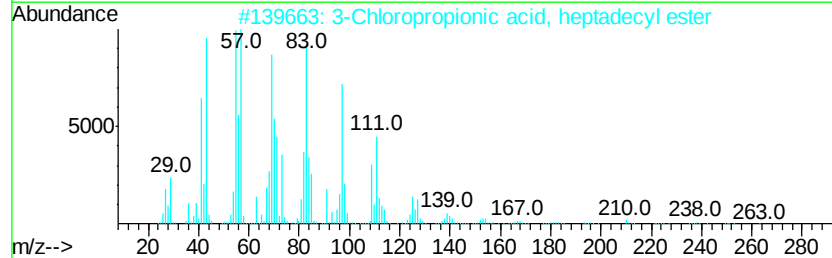
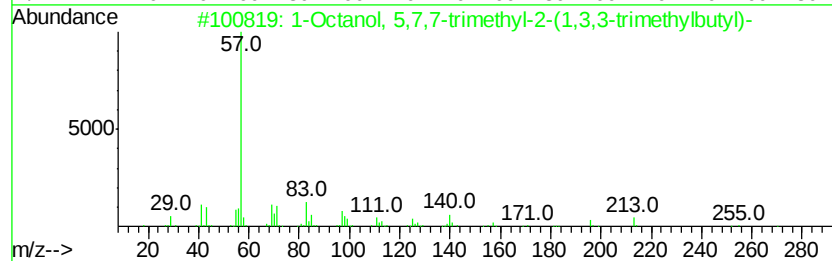
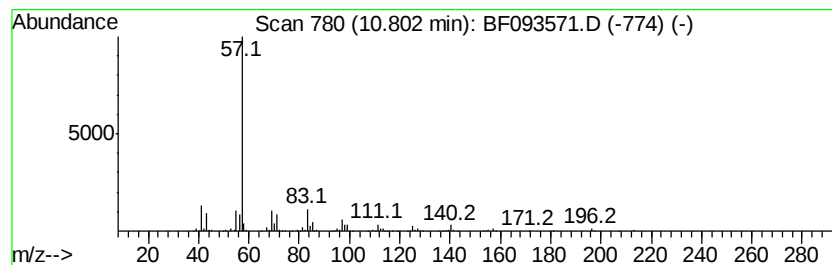
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Octanol, 5,7,7-trimethyl-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	18.20 ng	1635120	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	64
2		3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	59
3		Acetic acid, 3,7,11,15-tetrameth...	340	C22H44O2	1000193-63-0	59
4		4-Propionyloxytetradecane	270	C17H34O2	1000245-62-9	56
5		1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF031117\
Data File : BF093571.D
Acq On : 11 Mar 2017 17:04
Operator : SJ/MA
Sample : I2198-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-22

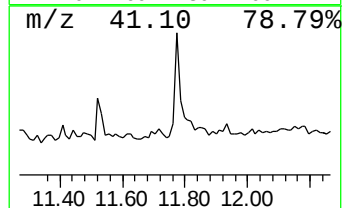
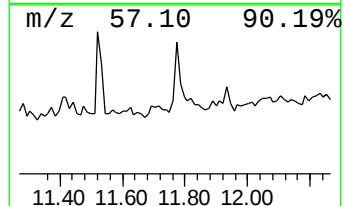
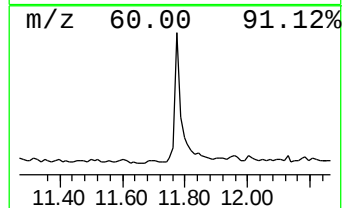
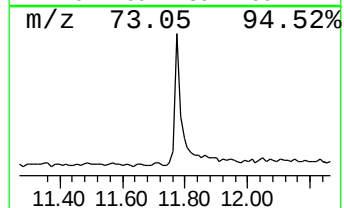
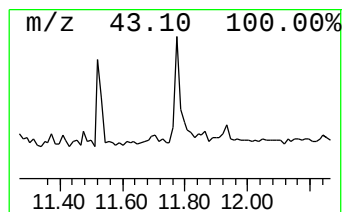
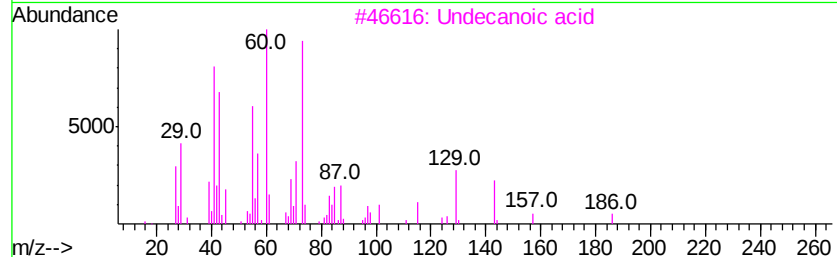
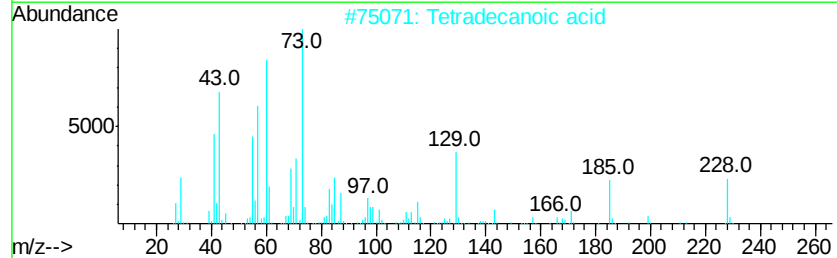
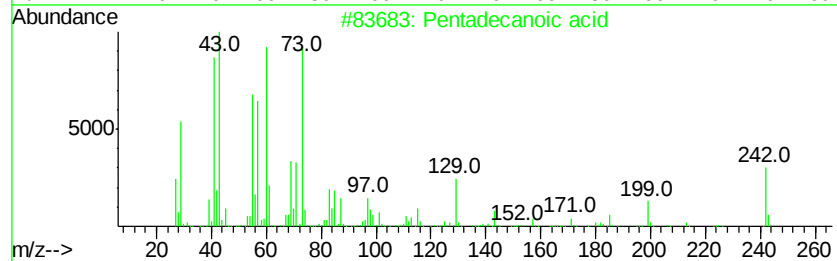
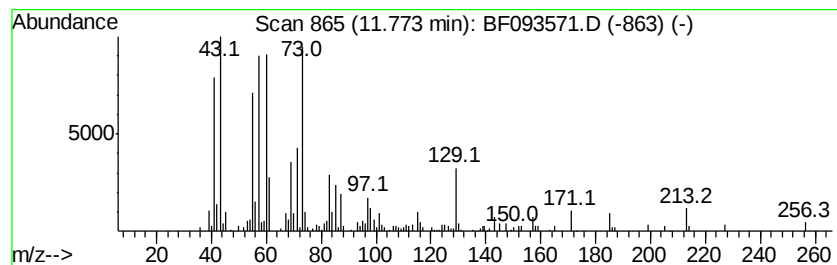
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	2.68 ng	240409	Phenanthrene-d10	11.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3		Undecanoic acid	186	C11H22O2	000112-37-8	72
4		Tridecanoic acid	214	C13H26O2	000638-53-9	62
5		Nonanoic acid	158	C9H18O2	000112-05-0	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF031117\
Data File : BF093571.D
Acq On : 11 Mar 2017 17:04
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Sample : I2198-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-22

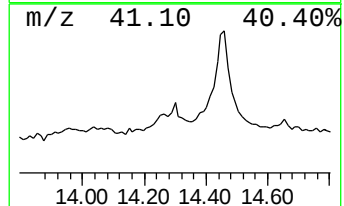
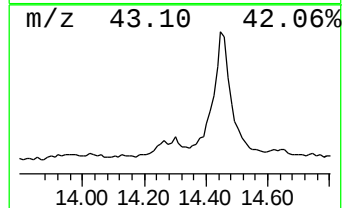
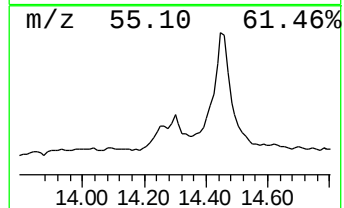
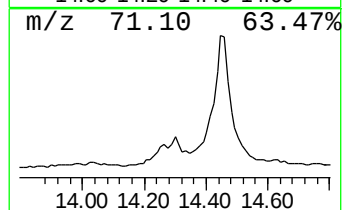
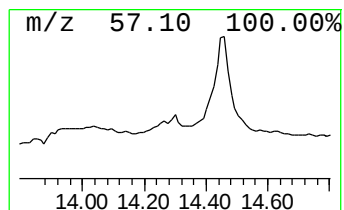
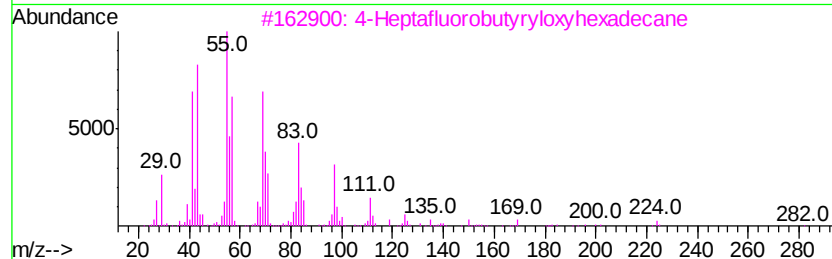
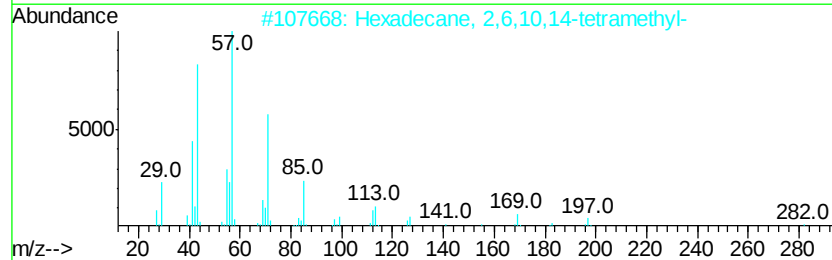
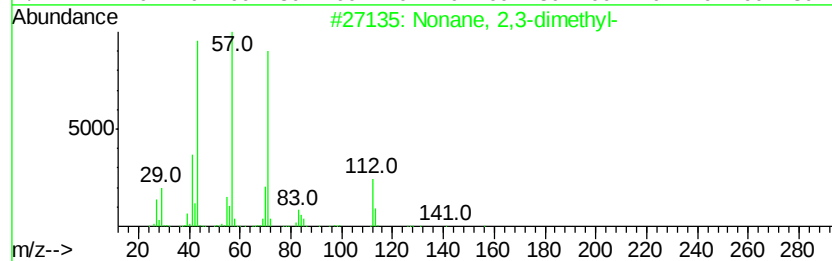
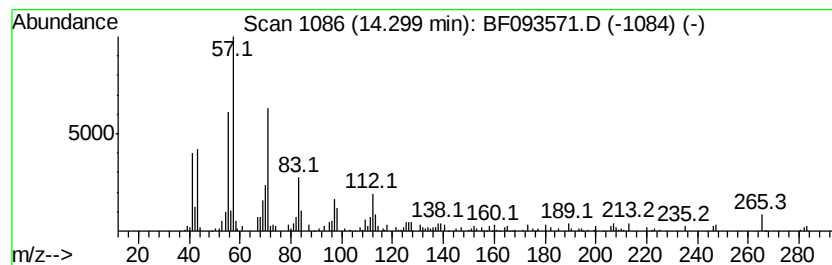
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown14.30 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	2.94 ng	195462	Chrysene-d12	13.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	49
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	43
3		4-Heptafluorobutylrvloxyhexadecane	438	C20H33F7O2	1000282-97-2	43
4		6-Tridecene, (Z)-	182	C13H26	006508-77-6	42
5		Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031117\
Data File : BF093571.D
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Operator : SJ/MA
Sample : I2198-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-22

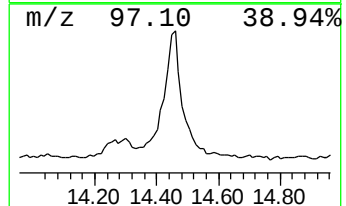
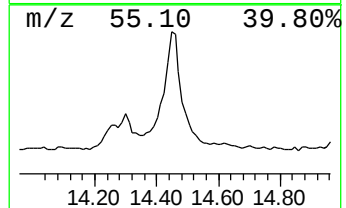
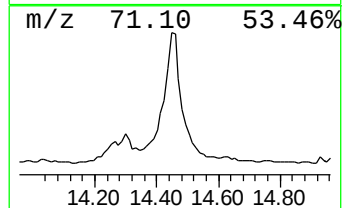
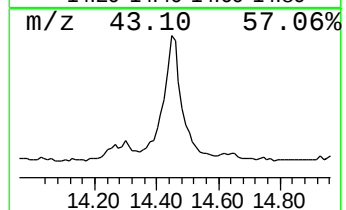
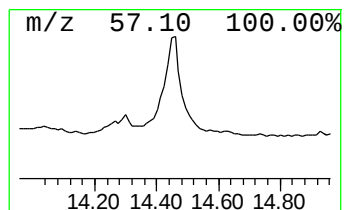
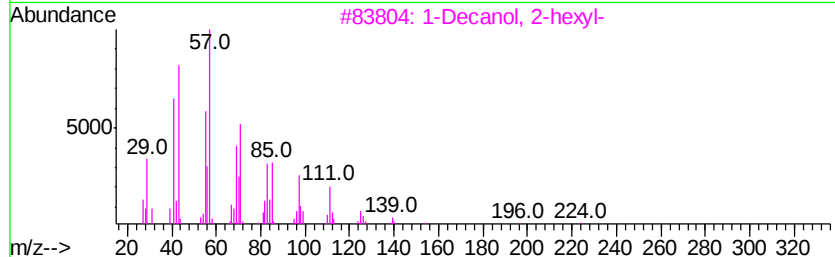
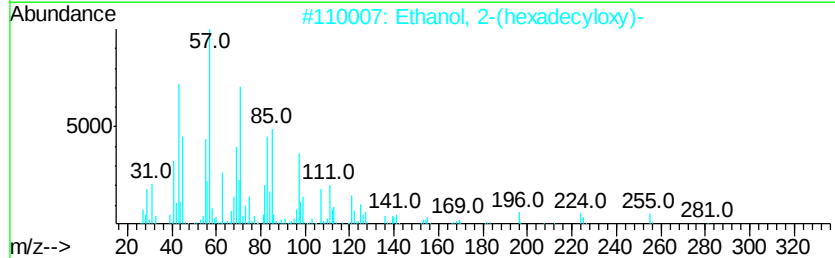
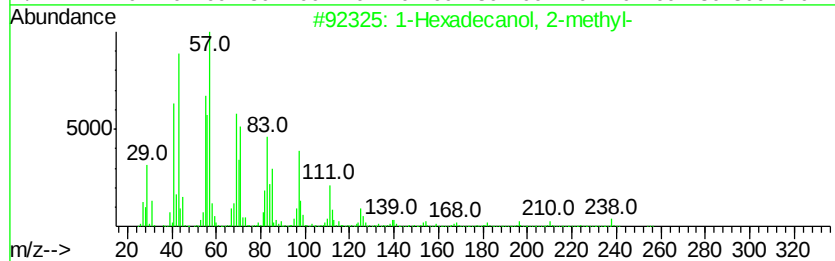
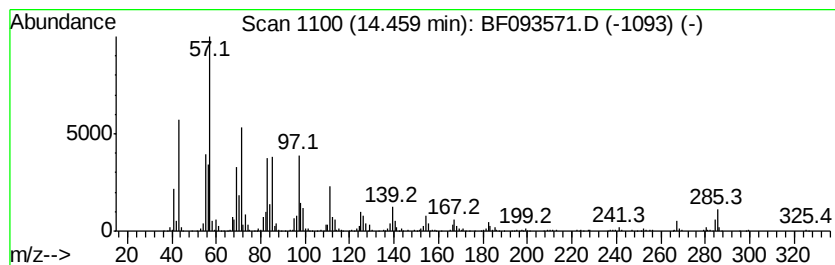
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Hexadecanol, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	64.60 ng	4291040	Chrysene-d12	13.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	87
2		Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	80
3		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	68
4		2-Hexyl-1-octanol	214	C14H30O	019780-79-1	64
5		1-Eicosene	280	C20H40	003452-07-1	60



Data Path : Z:\HPCHEM1\BNA F\DATA\BF031117\
Data File : BF093571.D
Acq On : 11 Mar 2017 17:04
Operator : SJ/MA
Sample : I2198-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-22

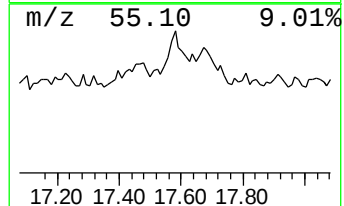
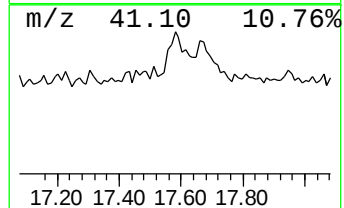
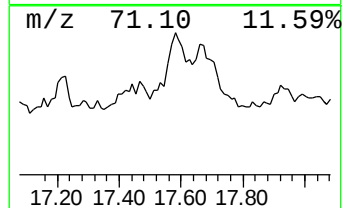
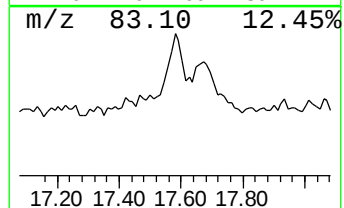
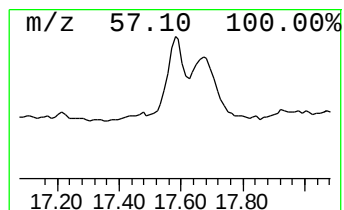
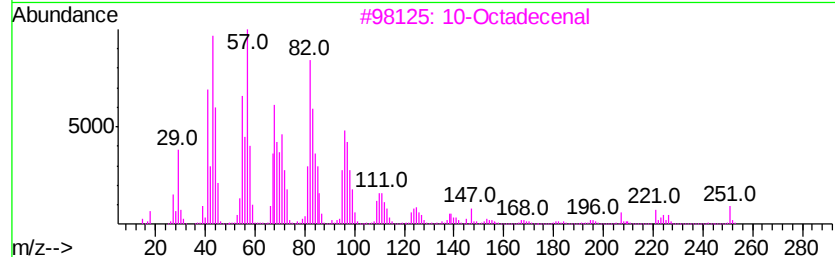
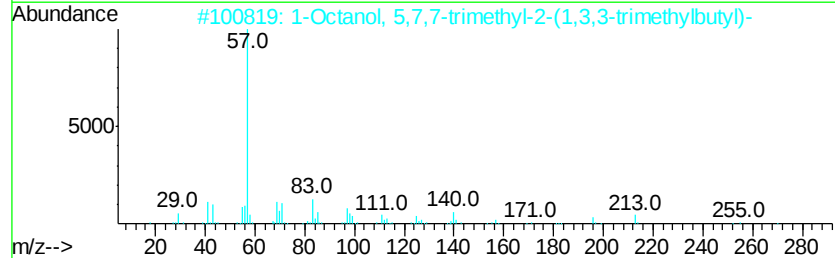
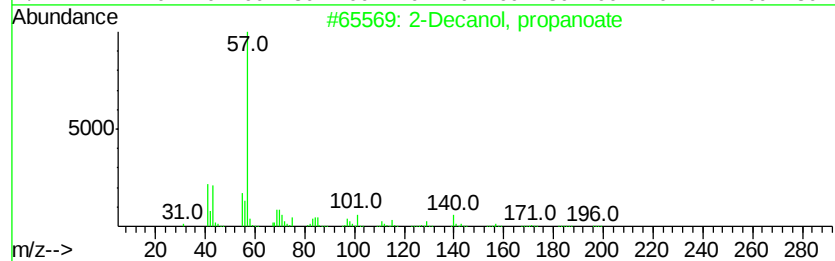
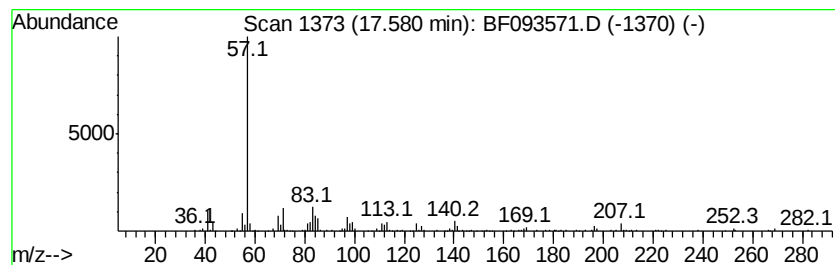
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown17.58 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.58	6.91 ng	327328	Perylene-d12	15.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decanol, propanoate			214	C13H26O2	055683-11-9	47
2	1-Octanol, 5,7,7-trimethyl-2-(1,...			270	C18H38O	036400-98-3	47
3	10-Octadecenal			266	C18H34O	056554-92-8	45
4	Dodecane, 1,1'-oxybis-			354	C24H50O	004542-57-8	43
5	1-Octyn-3-ol, 4-ethyl-			154	C10H18O	005877-42-9	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031117\
Data File : BF093571.D
Acq On : 11 Mar 2017 17:04
Operator : SJ/MA
Sample : I2198-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.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
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unknown6.49	6.49	73.2	ng	4695270	1	6.72	1283550	20.0
unknown9.59	9.59	2.6	ng	244315	3	9.75	1854260	20.0
Dodecanoic acid	10.00	24.8	ng	2294770	3	9.75	1854260	20.0
Benzenesulfonamid...	10.68	3.5	ng	317032	4	11.24	1796610	20.0
1-Octanol, 5,7,7-...	10.80	18.2	ng	1635120	4	11.24	1796610	20.0
Pentadecanoic acid	11.77	2.7	ng	240409	4	11.24	1796610	20.0
unknown14.30	14.30	2.9	ng	195462	5	13.88	1328560	20.0
1-Hexadecanol, 2-...	14.46	64.6	ng	4291040	5	13.88	1328560	20.0
unknown17.58	17.58	6.9	ng	327328	6	15.28	947456	20.0