

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101205.D
 Acq On : 7 Dec 2017 15:15
 Operator : SJ/JU
 Sample : I6765-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-SB004A

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-BF113017.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	5.069	504	507	517	rBV	50147	63486	5.90%	0.700%
2	5.463	570	574	588	rBV	1013674	939187	87.24%	10.355%
3	6.475	741	746	759	rBV	933137	995414	92.46%	10.975%
4	6.610	765	769	772	rBV	1115007	1002446	93.12%	11.052%
5	6.839	805	808	814	rBB	332846	264780	24.60%	2.919%
6	6.998	831	835	838	rBV	877359	774642	71.96%	8.541%
7	7.404	900	904	908	rBV	583604	583703	54.22%	6.436%
8	8.122	1022	1026	1038	rBV	411325	337690	31.37%	3.723%
9	9.198	1204	1209	1212	rBV	1315945	1076555	100.00%	11.869%
10	9.592	1273	1276	1278	rBV	49007	34658	3.22%	0.382%
11	9.880	1321	1325	1329	rBV	429346	350521	32.56%	3.865%
12	10.298	1394	1396	1399	rBV	17363	13276	1.23%	0.146%
13	10.675	1456	1460	1463	rBV	665458	567021	52.67%	6.252%
14	10.775	1474	1477	1483	rBV	14031	13921	1.29%	0.153%
15	11.369	1575	1578	1581	rBV	344529	304234	28.26%	3.354%
16	11.392	1581	1582	1587	rVB	20698	15187	1.41%	0.167%
17	11.886	1661	1666	1671	rBV3	28768	29791	2.77%	0.328%
18	12.586	1782	1785	1789	rBV	40323	33799	3.14%	0.373%
19	12.816	1819	1824	1827	rBV2	30042	29546	2.74%	0.326%
20	12.957	1844	1848	1851	rBV	952919	768925	71.42%	8.478%
21	13.839	1994	1998	2006	rBV2	104884	103592	9.62%	1.142%
22	14.015	2024	2028	2031	rBV	291495	284750	26.45%	3.139%
23	14.045	2031	2033	2036	rVB	16189	13542	1.26%	0.149%
24	14.474	2103	2106	2109	rBV2	15653	16094	1.49%	0.177%
25	14.921	2178	2182	2186	rVB2	36001	39488	3.67%	0.435%
26	15.062	2203	2206	2209	rBV2	15186	21244	1.97%	0.234%
27	15.133	2215	2218	2223	rVB5	29644	37073	3.44%	0.409%
28	15.368	2256	2258	2263	rVB2	13715	16370	1.52%	0.180%
29	15.498	2275	2280	2284	rBV	189735	223966	20.80%	2.469%
30	15.704	2310	2315	2317	rVB6	9180	14455	1.34%	0.159%
31	15.921	2346	2352	2356	rBV4	14735	26510	2.46%	0.292%
32	15.974	2357	2361	2365	rVB5	15904	25302	2.35%	0.279%
33	16.998	2527	2535	2538	rBV7	12666	30551	2.84%	0.337%
34	17.839	2674	2678	2686	rVB9	7855	18297	1.70%	0.202%

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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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-BF113017.M
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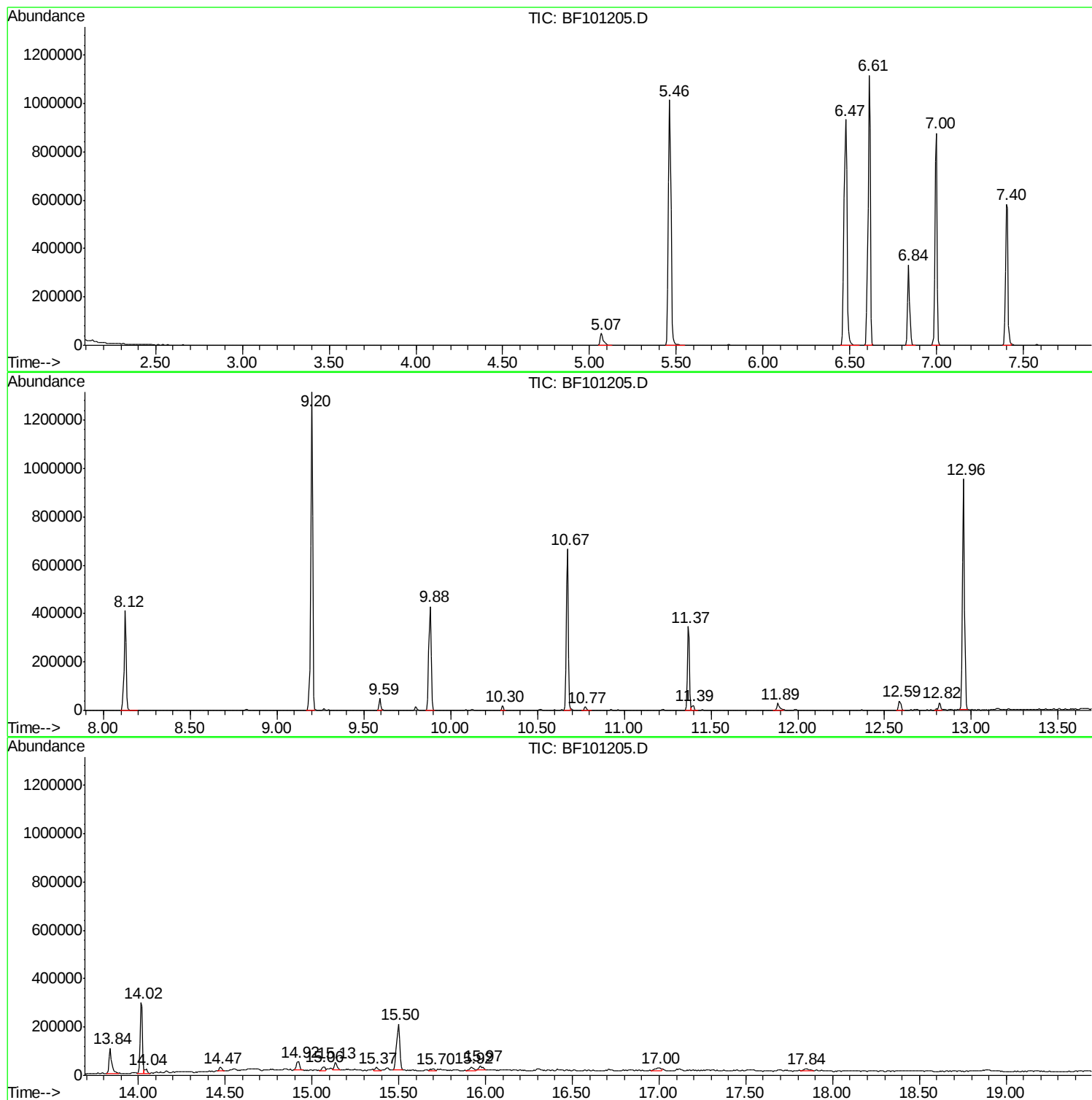
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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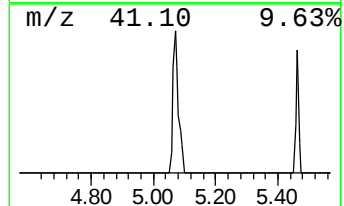
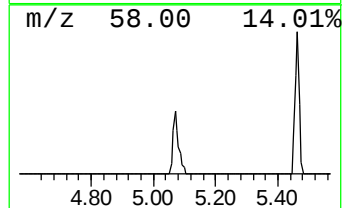
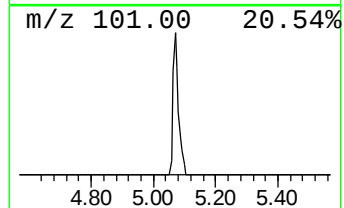
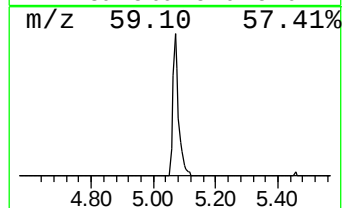
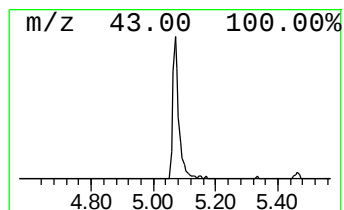
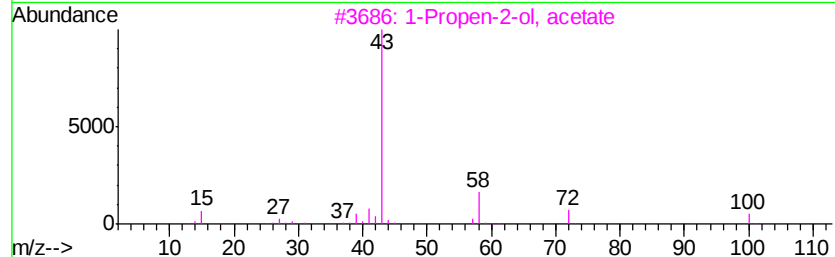
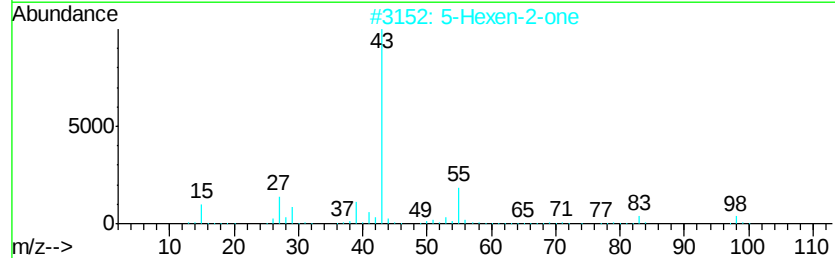
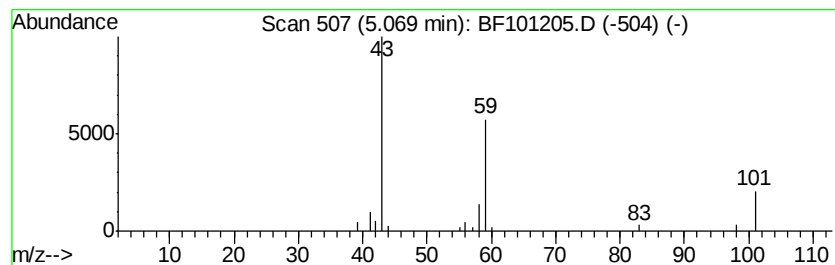
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	4.80 ng	63486	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	56		
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9		
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9		
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9		
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9		



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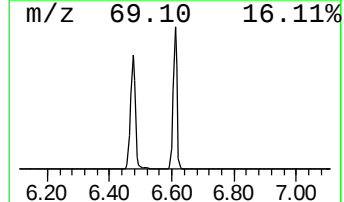
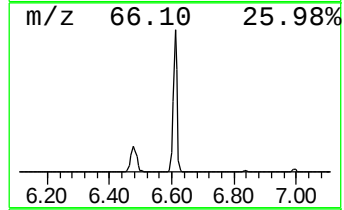
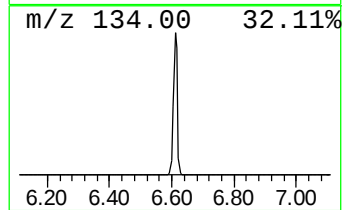
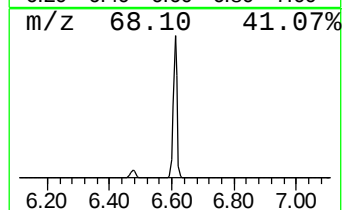
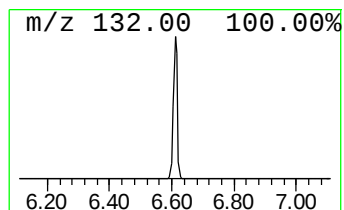
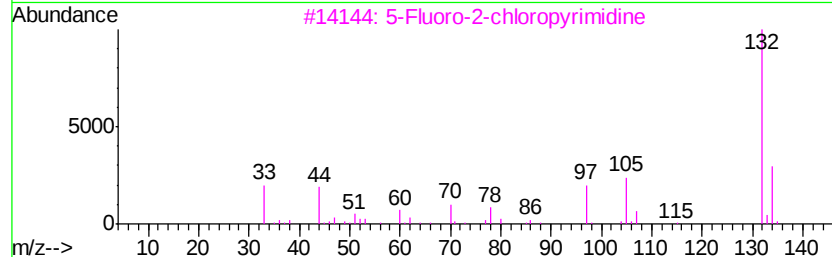
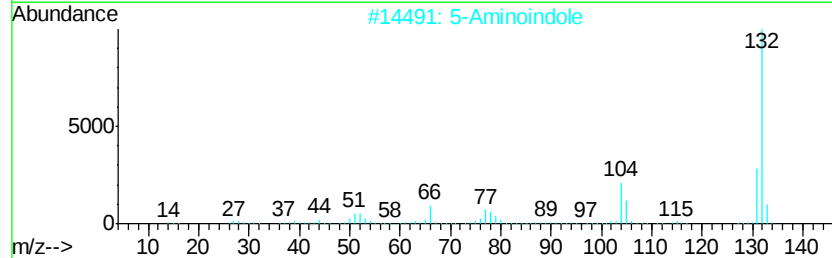
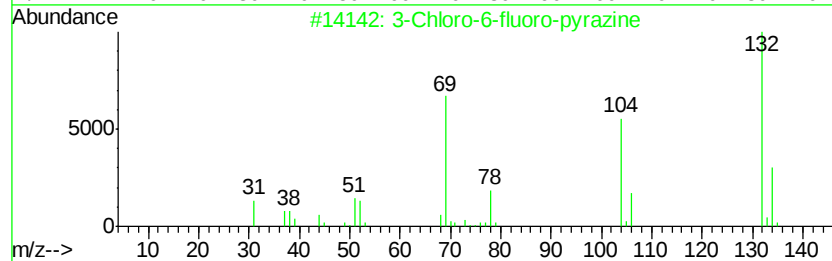
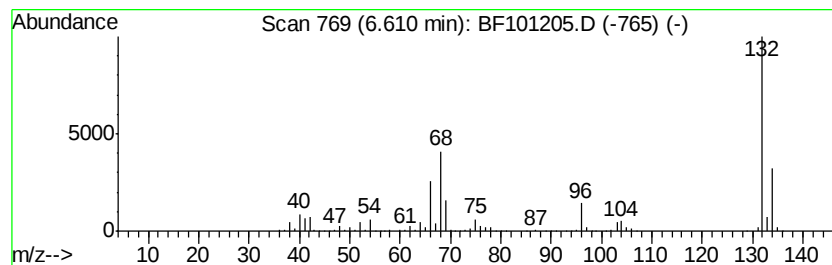
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	75.72 ng	1002450	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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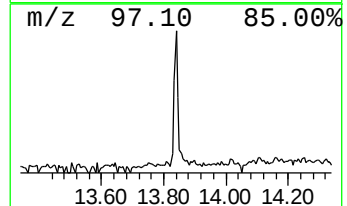
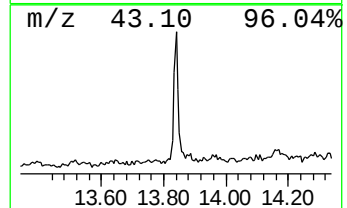
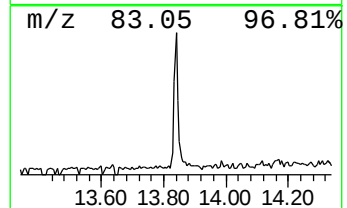
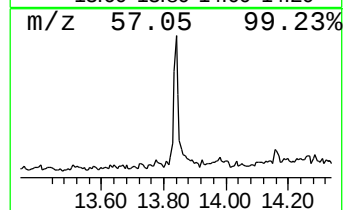
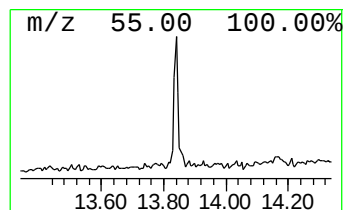
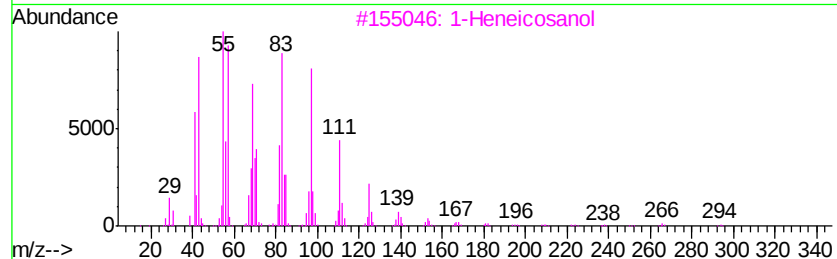
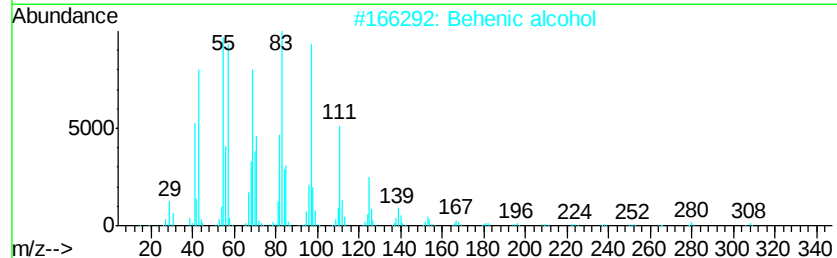
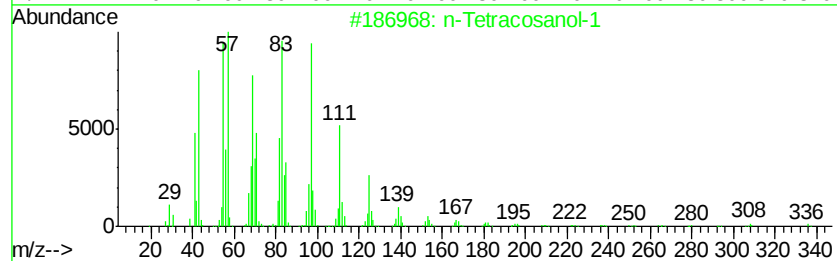
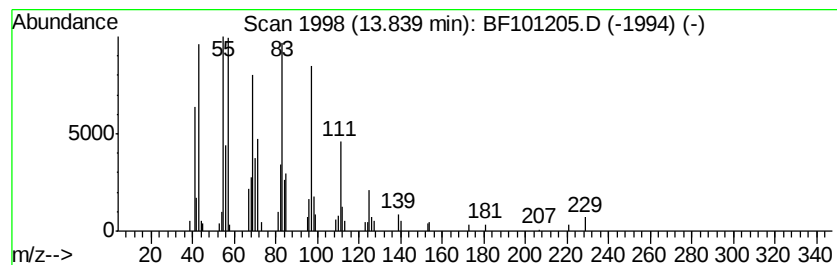
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	7.28 ng	103592	Chrysene-d12	14.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2		Behenic alcohol	326	C22H46O	000661-19-8	95
3		1-Heneicosanol	312	C21H44O	015594-90-8	95
4		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
5		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93



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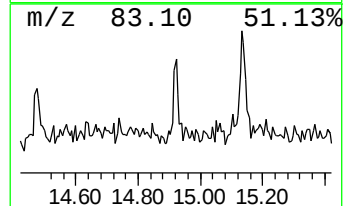
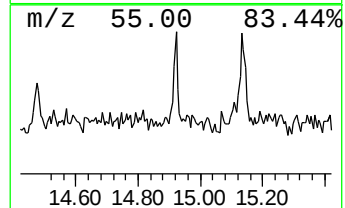
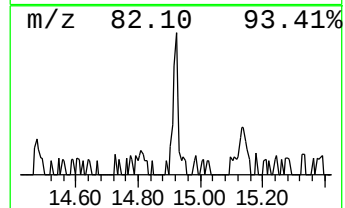
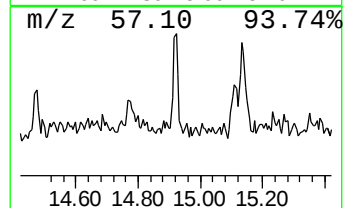
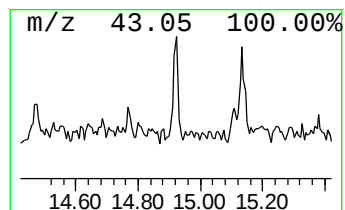
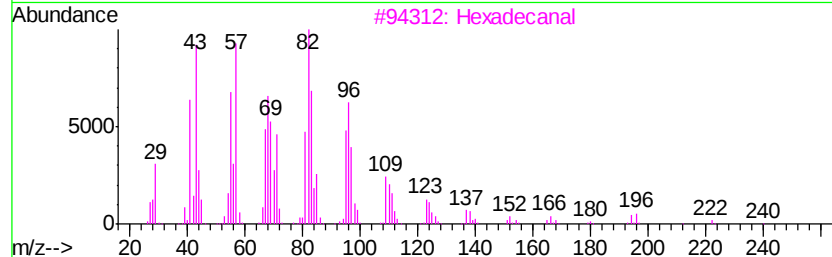
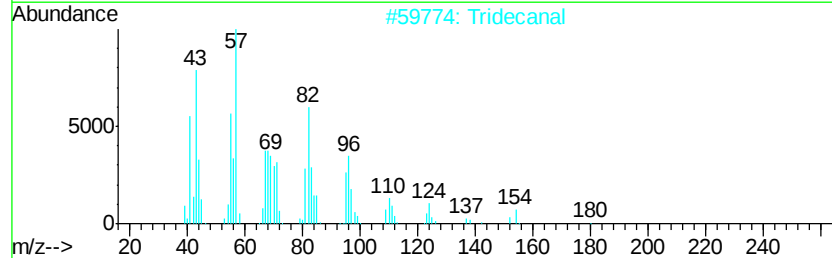
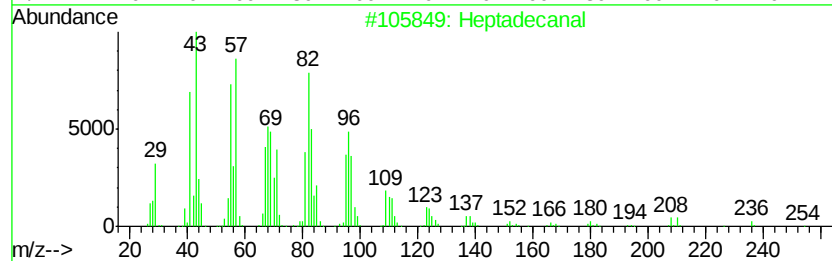
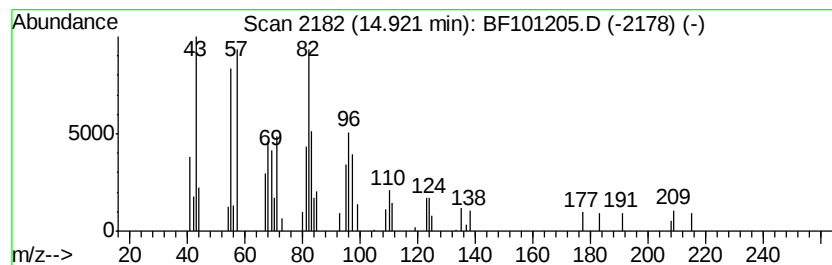
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptadecanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	3.53 ng	39488	Perylene-d12	15.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanal		254	C17H34O	1000376-70-0	90
2	Tridecanal		198	C13H26O	010486-19-8	86
3	Hexadecanal		240	C16H32O	000629-80-1	78
4	Oxirane, hexadecyl-		268	C18H36O	007390-81-0	64
5	18-Nonadecen-1-ol		282	C19H38O	1000142-89-2	53



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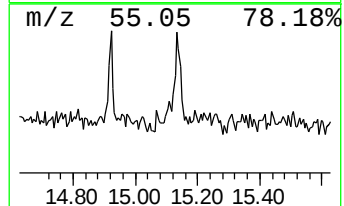
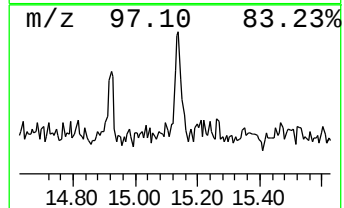
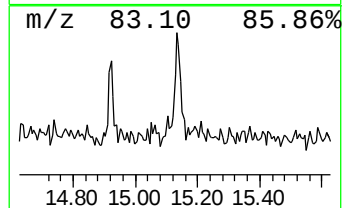
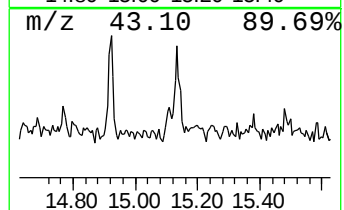
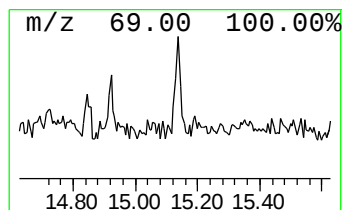
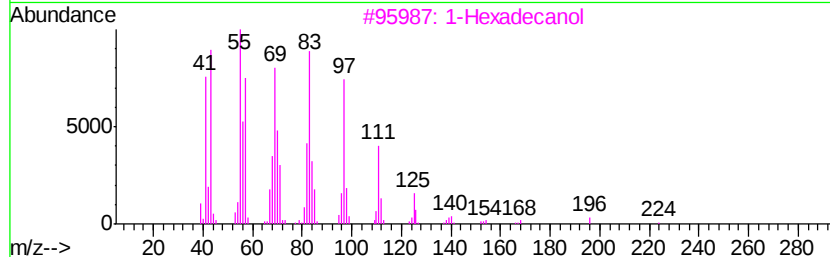
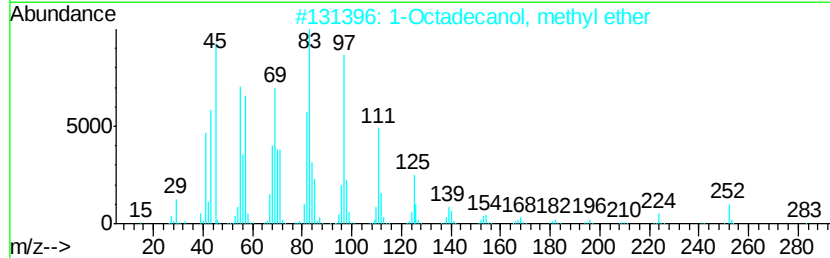
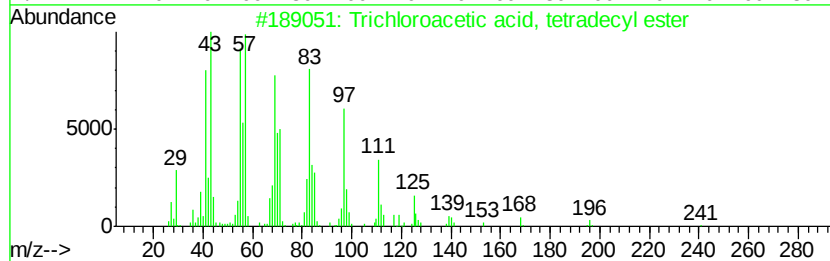
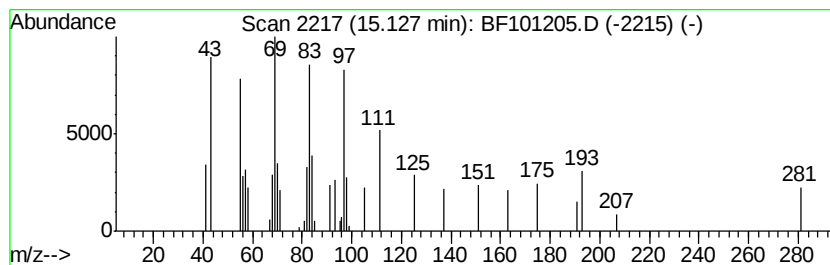
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 7 Trichloroacetic acid, tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.			
15.13	3.31 ng	37073	Perylene-d12	15.50			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	86
2			1-Octadecanol, methyl ether	284	C19H40O	1000333-92-7	68
3			1-Hexadecanol	242	C16H34O	036653-82-4	64
4			n-Heptadecanol-1	256	C17H36O	001454-85-9	64
5			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	64



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SOIL-SB004A

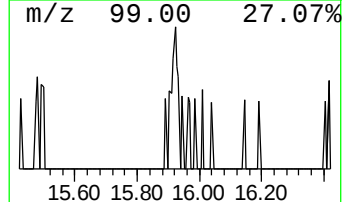
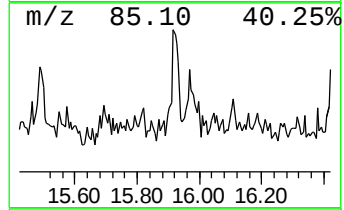
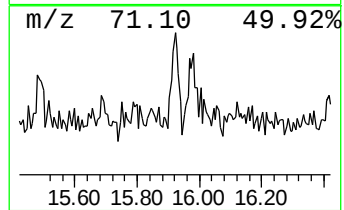
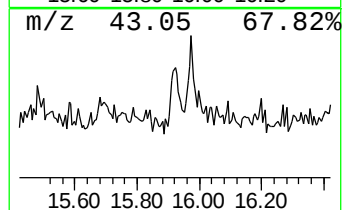
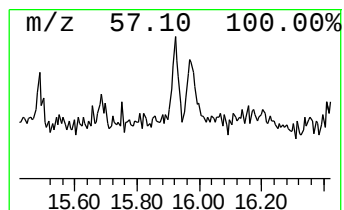
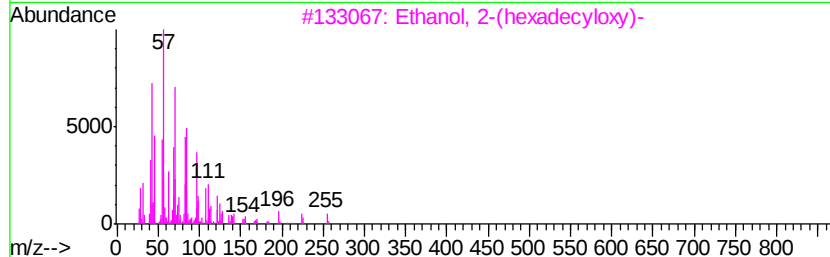
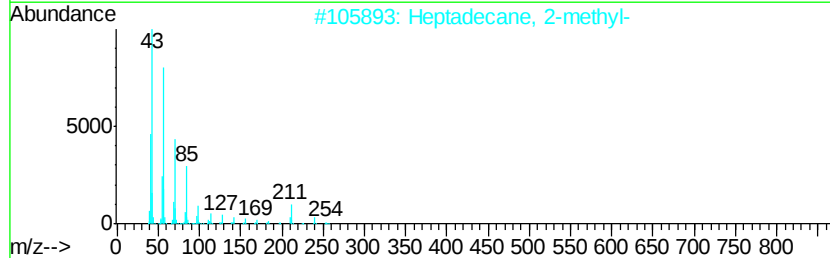
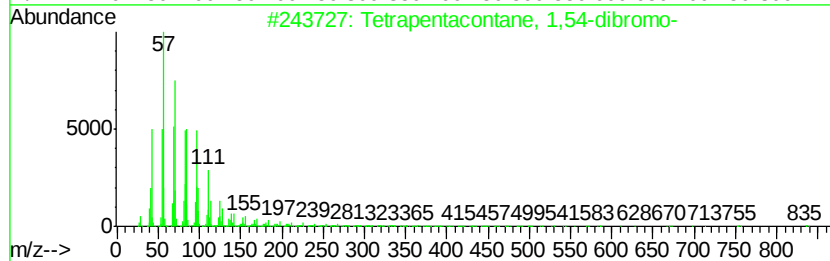
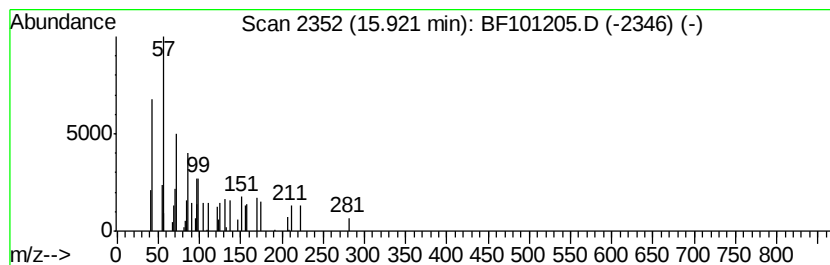
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown15.92 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	2.37 ng	26510	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	47
2		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	47
3		Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	47
4		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	47
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101205.D
Acq On : 7 Dec 2017 15:15
Operator : SJ/JU
Sample : I6765-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-SB004A

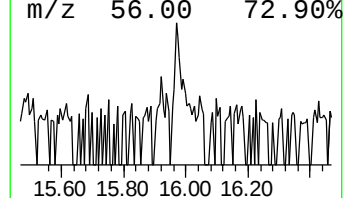
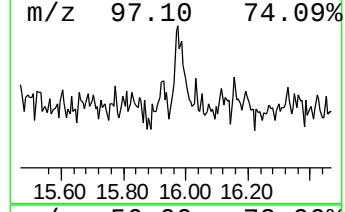
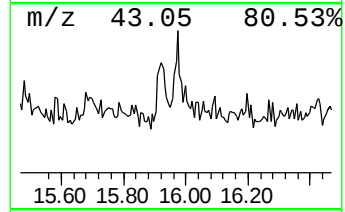
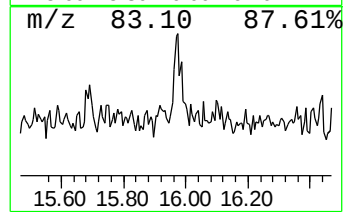
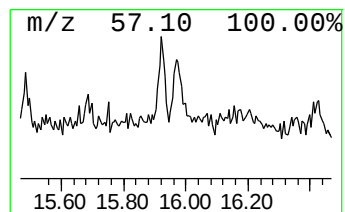
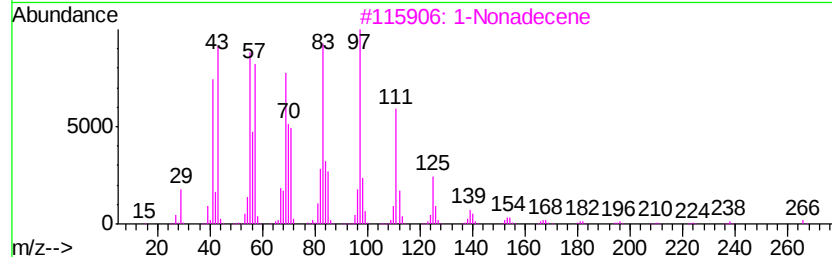
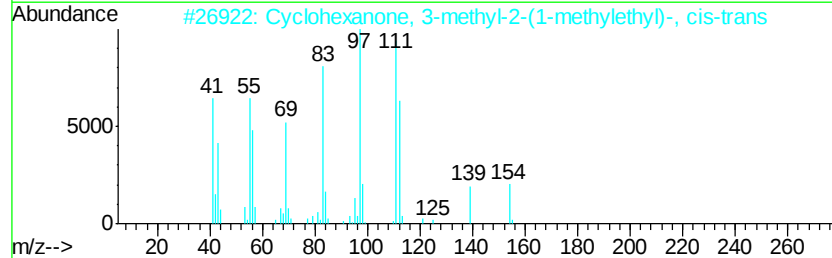
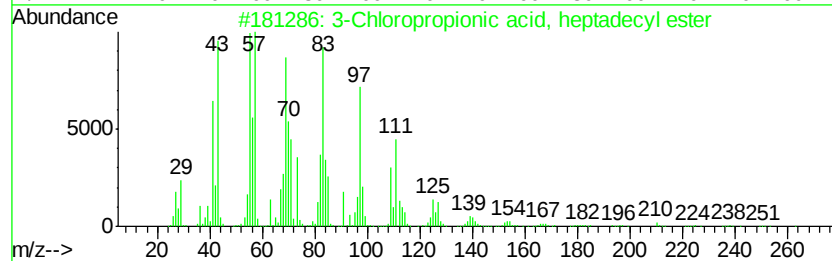
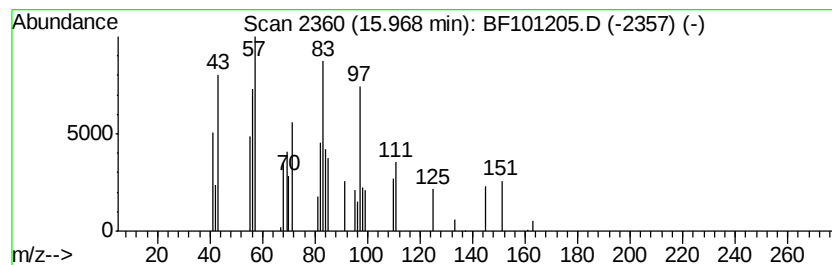
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 3-Chloropropionic acid, hep... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	2.26 ng	25302	Perylene-d12	15.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	59
2		Cyclohexanone, 3-methyl-2-(1-met...	154	C10H18O	028357-23-5	59
3		1-Nonadecene	266	C19H38	018435-45-5	58
4		1-Eicosanol	298	C20H42O	000629-96-9	52
5		n-Pentadecanol	228	C15H32O	000629-76-5	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120717\
Data File : BF101205.D
Acq On : 7 Dec 2017 15:15
Operator : SJ/JU
Sample : I6765-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-SB004A

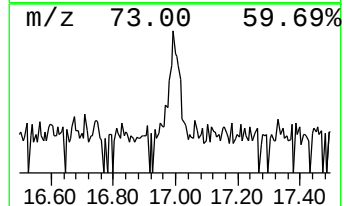
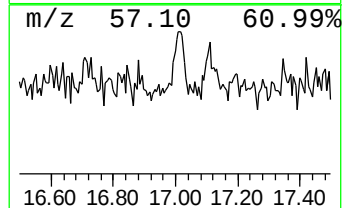
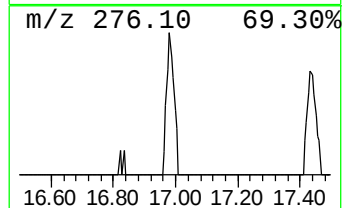
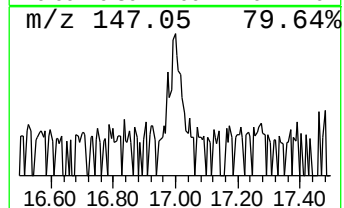
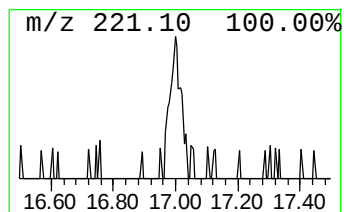
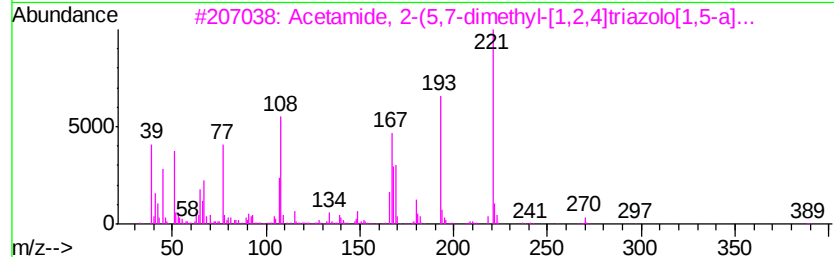
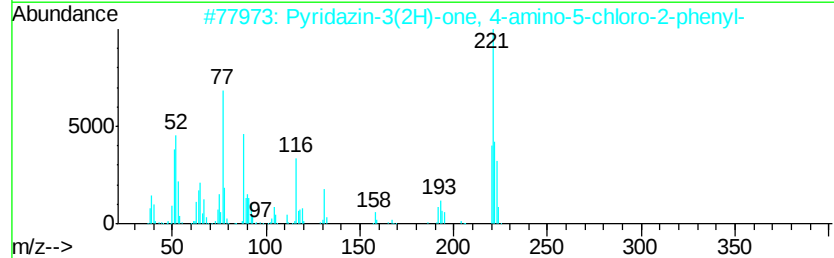
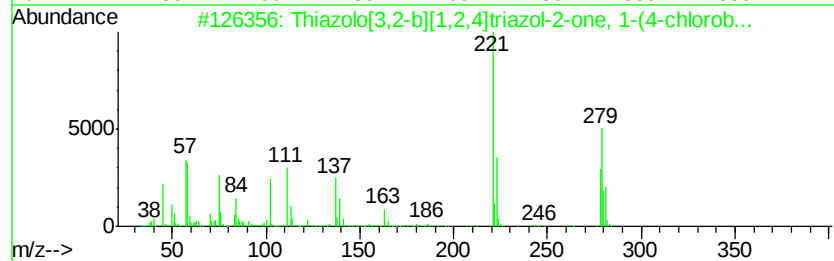
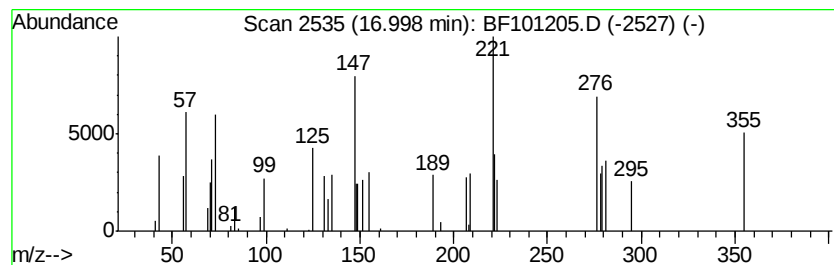
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown17.00 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.00	2.73 ng	30551	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiazolo[3,2-b][1,2,4]triazol-2-...	279	C11H6ClN3O2S	1000303-52-8	14
2		Pyridazin-3(2H)-one, 4-amino-5-c...	221	C10H8ClN3O	001698-61-9	14
3		Acetamide, 2-(5,7-dimethyl-1,2,...	389	C21H19N5OS	1000304-63-9	11
4		2-Styryl-1,3-dithiane	222	C12H14S2	1000146-50-4	10
5		Pyrazolo[1,5-a]pyridine, 3,7-dim...	222	C15H14N2	017408-36-5	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120717\
Data File : BF101205.D
Acq On : 7 Dec 2017 15:15
Operator : SJ/JU
Sample : I6765-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-SB004A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.07	4.8 ng		63486	1	6.84	264780	20.0
unknown6.61	6.61	75.7 ng		1002450	1	6.84	264780	20.0
n-Tetracosanol-1	13.84	7.3 ng		103592	5	14.02	284750	20.0
Heptadecanal	14.92	3.5 ng		39488	6	15.50	223966	20.0
Trichloroacetic a...	15.13	3.3 ng		37073	6	15.50	223966	20.0
unknown15.92	15.92	2.4 ng		26510	6	15.50	223966	20.0
3-Chloropropionic...	15.97	2.3 ng		25302	6	15.50	223966	20.0
unknown17.00	17.00	2.7 ng		30551	6	15.50	223966	20.0