

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF084027.D
 Acq On : 23 Dec 2015 9:23
 Operator : UM/SJ
 Sample : G4919-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EAST-SIDEWALL

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-BF122215.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	3.778	146	148	153	rBB	15818	27578	1.59%	0.189%
2	5.013	254	256	265	rVB	173777	257755	14.83%	1.765%
3	5.447	292	294	297	rBV	1766921	1738554	100.00%	11.903%
4	6.476	382	384	387	rBV	1188015	1196256	68.81%	8.190%
5	6.601	393	395	397	rBV	1544088	1370290	78.82%	9.382%
6	6.830	413	415	417	rBV	279050	269429	15.50%	1.845%
7	6.979	426	428	431	rBV	786606	1099815	63.26%	7.530%
8	7.390	462	464	467	rBV	818336	789335	45.40%	5.404%
9	7.527	474	476	481	rBV	10630	17898	1.03%	0.123%
10	8.110	525	527	530	rBV	407520	353081	20.31%	2.417%
11	9.196	619	622	624	rBV	1343773	1700755	97.83%	11.645%
12	9.310	630	632	634	rBB	17940	18090	1.04%	0.124%
13	9.585	654	656	658	rBV	551829	500978	28.82%	3.430%
14	9.870	678	681	683	rBV	392258	415220	23.88%	2.843%
15	10.305	718	719	721	rVB	27897	20646	1.19%	0.141%
16	10.659	747	750	752	rBV	1063446	1122891	64.59%	7.688%
17	10.773	759	760	765	rVB	27528	36422	2.09%	0.249%
18	11.219	798	799	801	rBV	16585	19717	1.13%	0.135%
19	11.356	809	811	813	rBV	318711	420291	24.17%	2.878%
20	11.585	828	831	834	rBV	102228	138892	7.99%	0.951%
21	12.396	900	902	905	rBV	255212	269457	15.50%	1.845%
22	12.762	932	934	936	rBV	95196	78585	4.52%	0.538%
23	12.831	936	940	943	rVB2	11085	26138	1.50%	0.179%
24	12.933	947	949	952	rBV	1397892	1611107	92.67%	11.031%
25	13.379	986	988	990	rBV	27763	35089	2.02%	0.240%
26	13.414	990	991	994	rVV	44139	37140	2.14%	0.254%
27	13.459	994	995	998	rVV	45378	58507	3.37%	0.401%
28	13.836	1025	1028	1035	rBV	42814	58950	3.39%	0.404%
29	13.985	1039	1041	1044	rVB	397287	425946	24.50%	2.916%
30	15.414	1164	1166	1173	rBV	215858	348730	20.06%	2.388%
31	15.848	1202	1204	1211	rBV	16279	24367	1.40%	0.167%
32	16.328	1242	1246	1253	rVB	18730	39350	2.26%	0.269%
33	16.877	1290	1294	1301	rBV2	14044	31860	1.83%	0.218%
34	17.540	1347	1352	1356	rBV	12372	29090	1.67%	0.199%

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35	18.317	1414	1420	1424	rVB2	6808	17426	1.00%	0.119%
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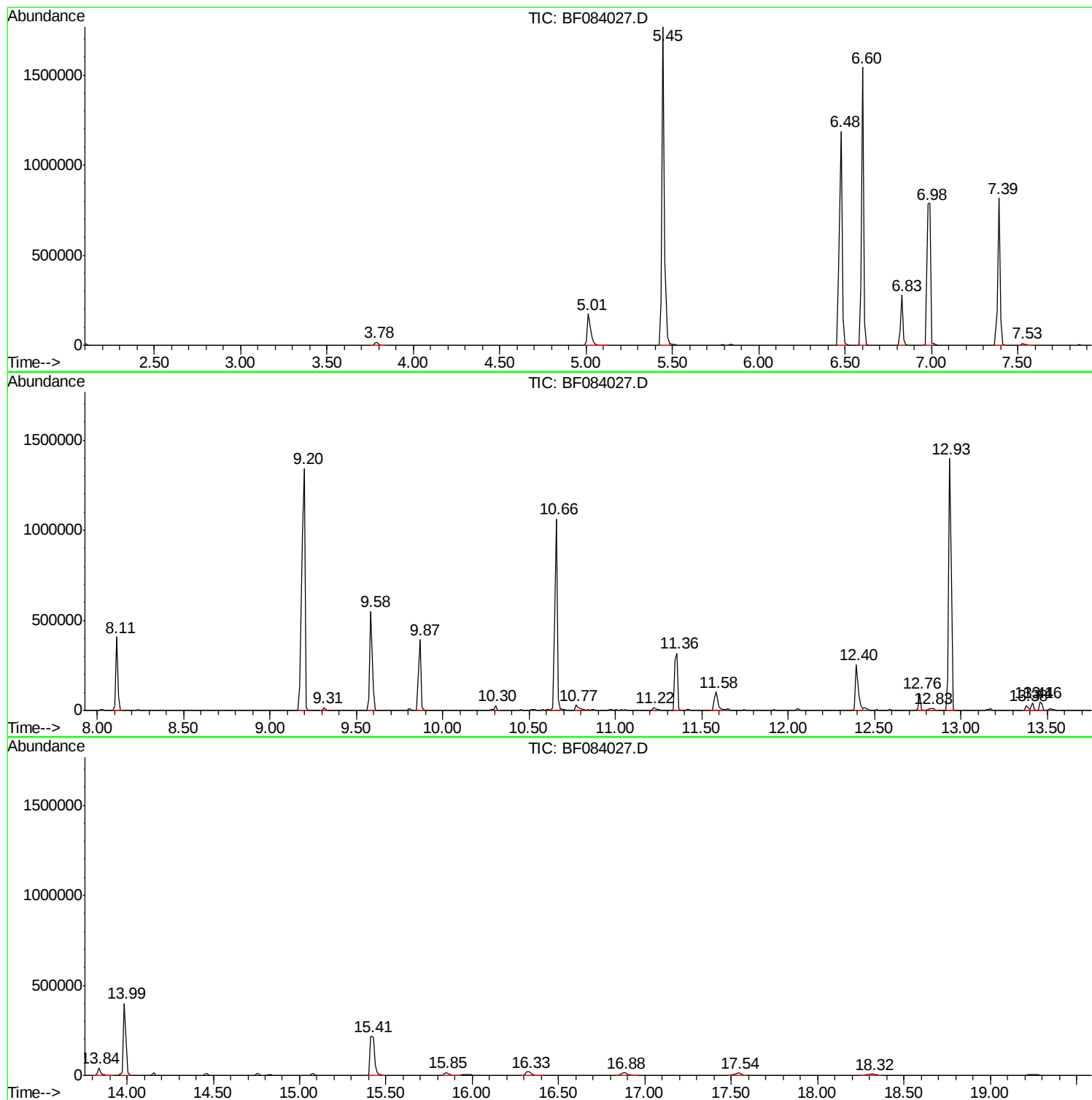
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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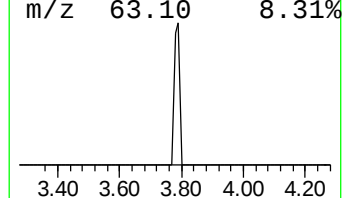
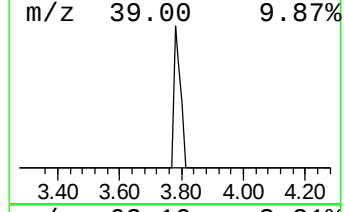
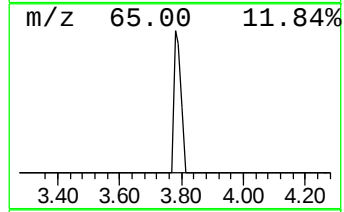
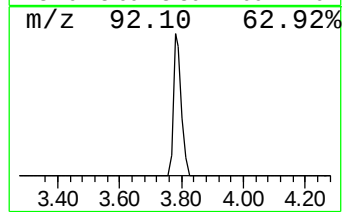
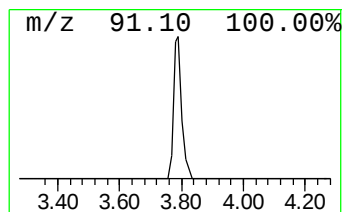
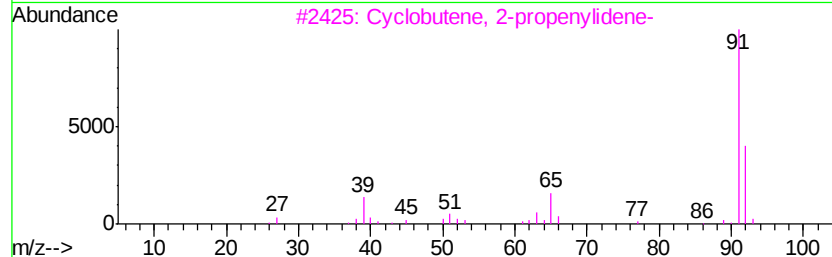
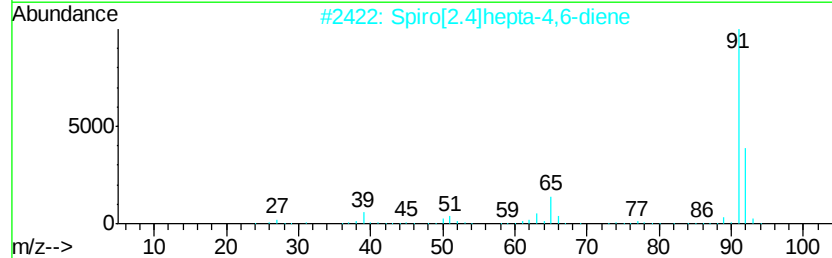
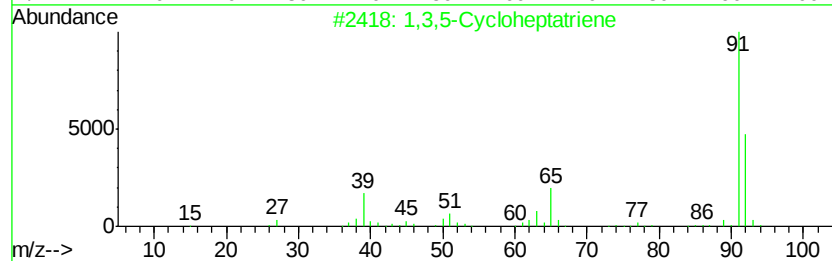
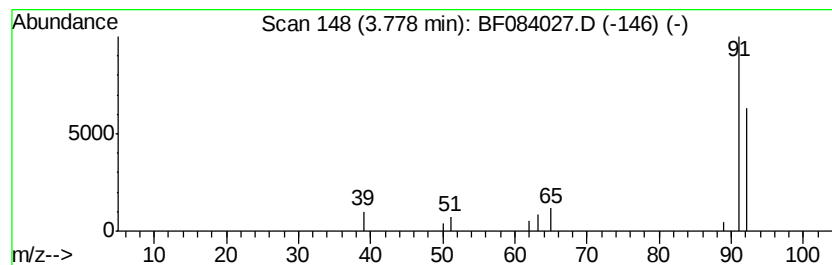
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 1,3,5-Cycloheptatriene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	2.05 ng	27578	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	83
2			Spiro[2.4]hepta-4,6-diene	92	C7H8	000765-46-8	50
3			Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	33
4			4-Benzyloxyphenylacetone nitrile	223	C15H13NO	000838-96-0	25
5			Spiro[3.3]hepta-1,5-diene	92	C7H8	022635-78-5	9



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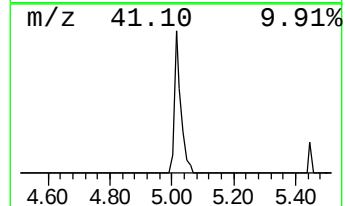
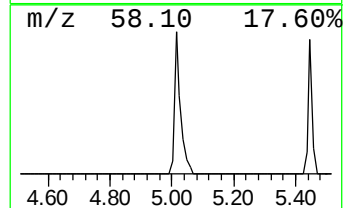
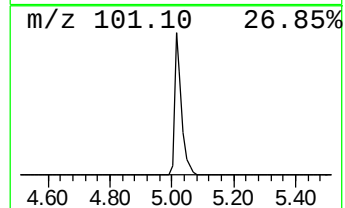
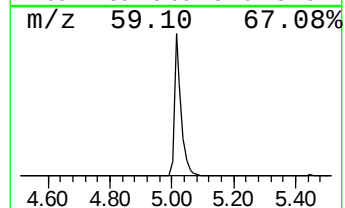
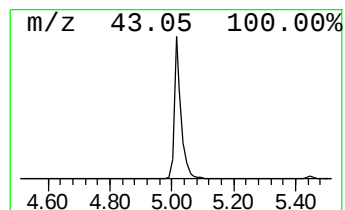
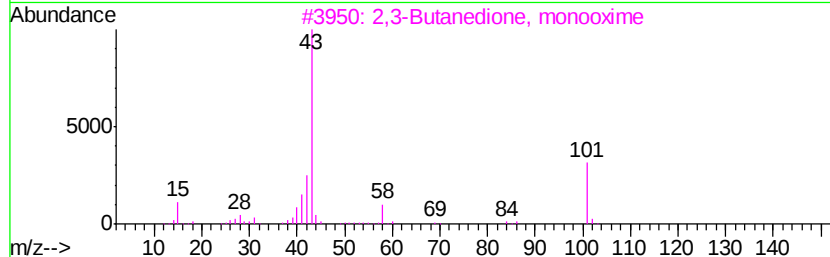
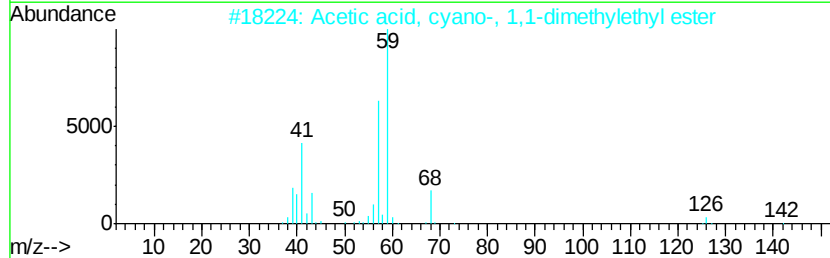
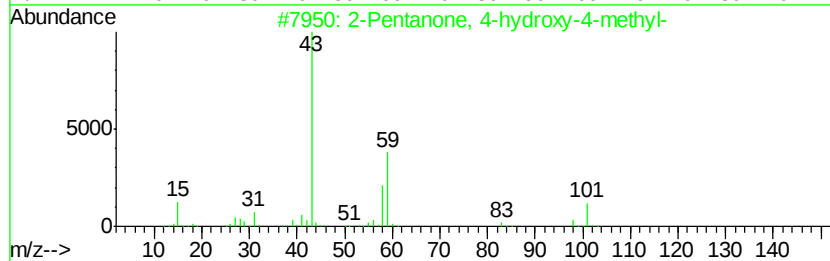
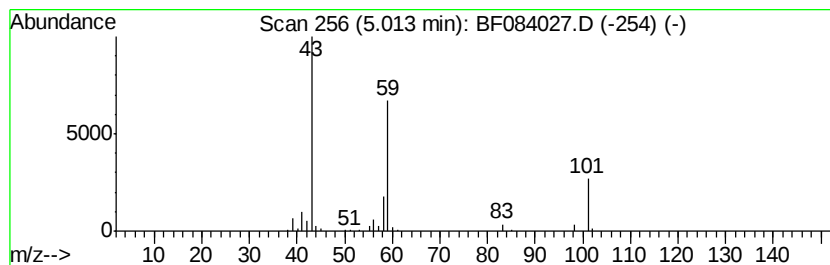
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	19.13 ng	257755	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4		Acetone	58	C3H6O	000067-64-1	10
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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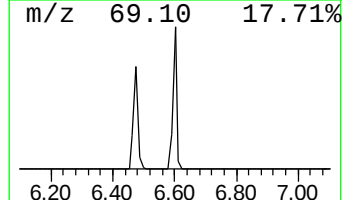
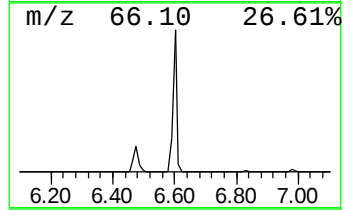
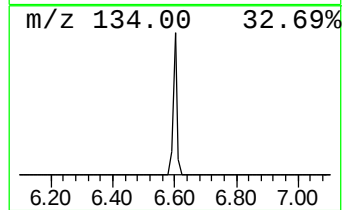
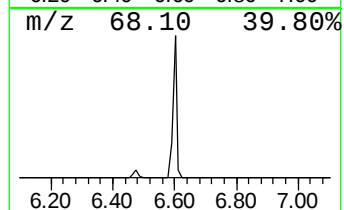
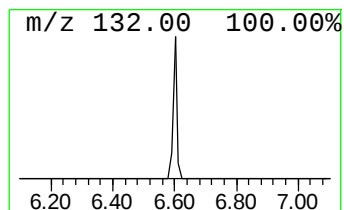
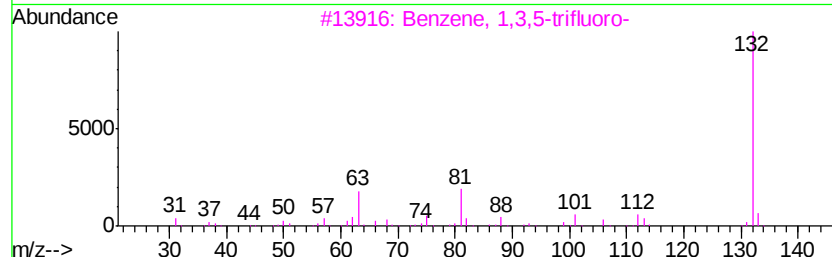
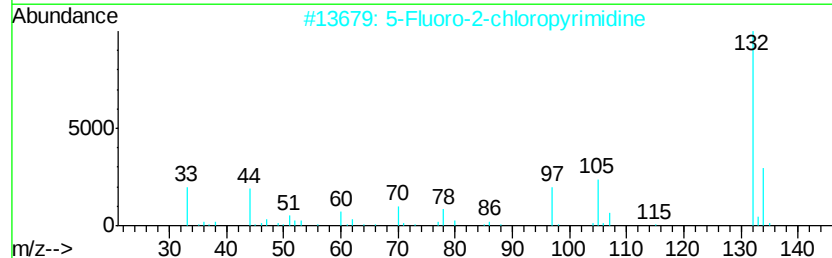
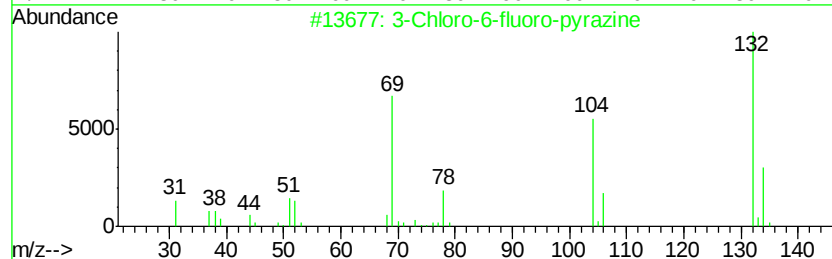
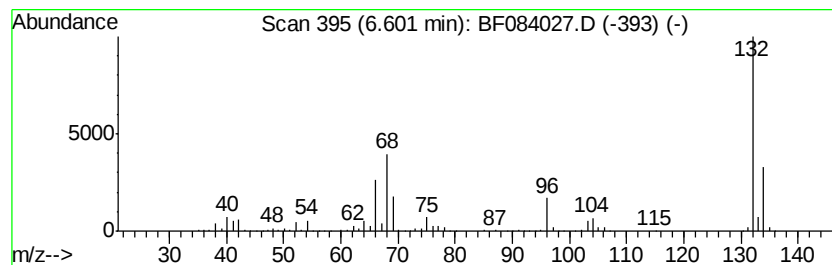
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	101.72 ng	1370290	1,4-Dichlorobenzene-d4	6.83

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		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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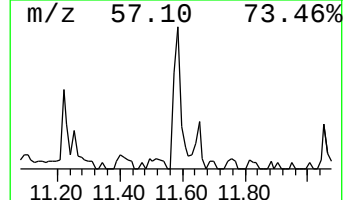
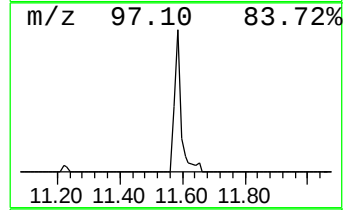
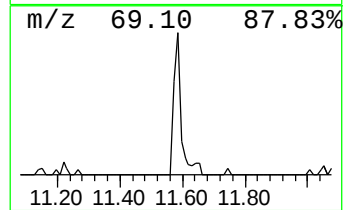
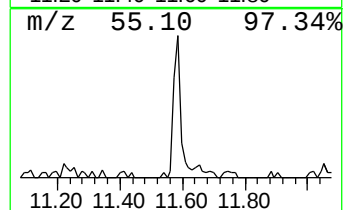
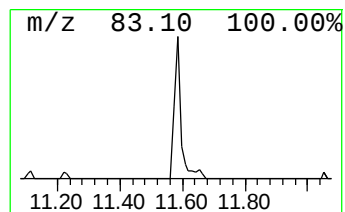
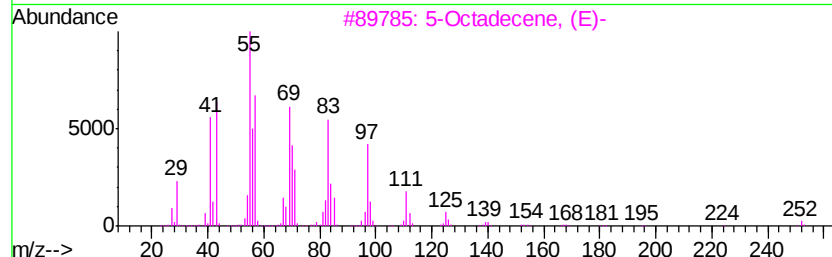
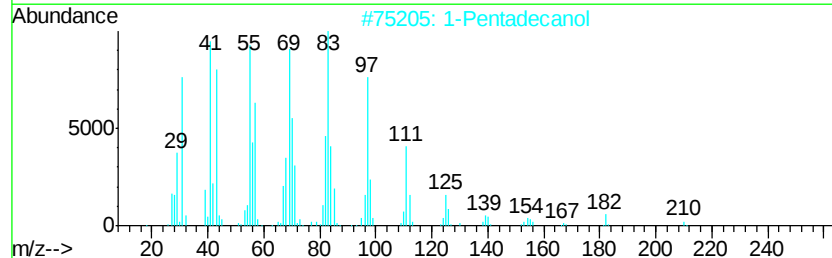
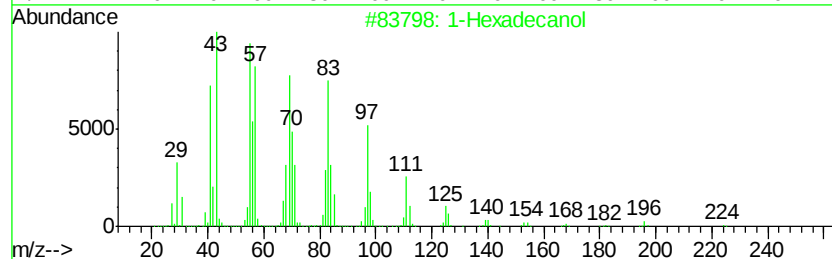
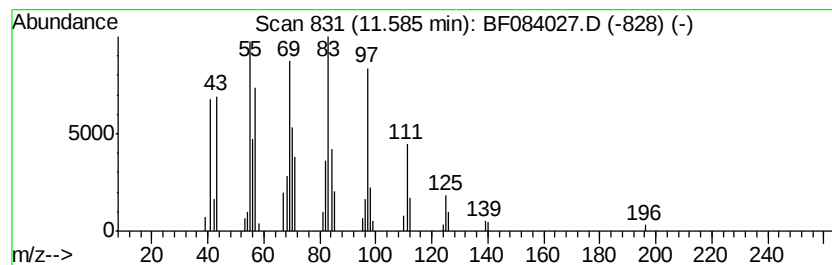
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1-Hexadecanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.58	6.61 ng	138892	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	91
2	1-Pentadecanol	228	C15H32O	000629-76-5	91
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
4	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	87



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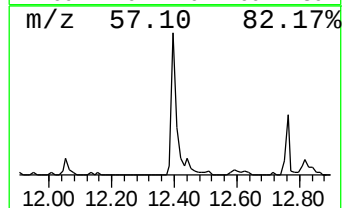
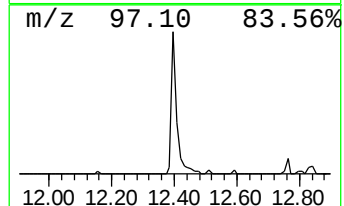
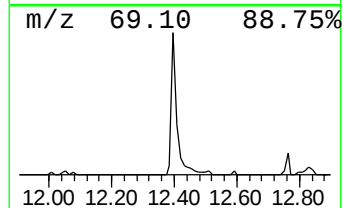
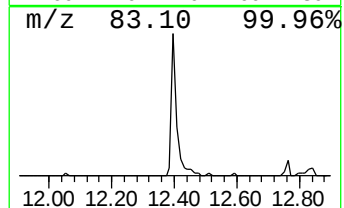
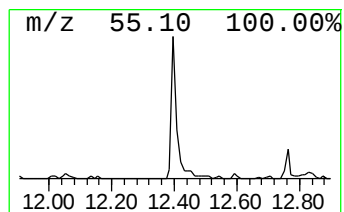
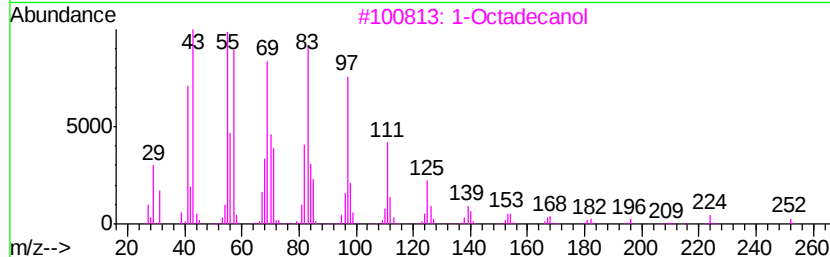
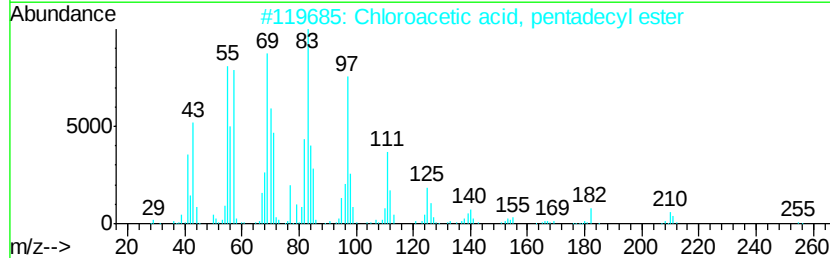
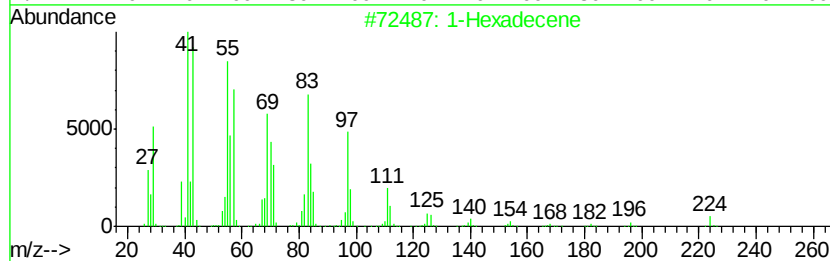
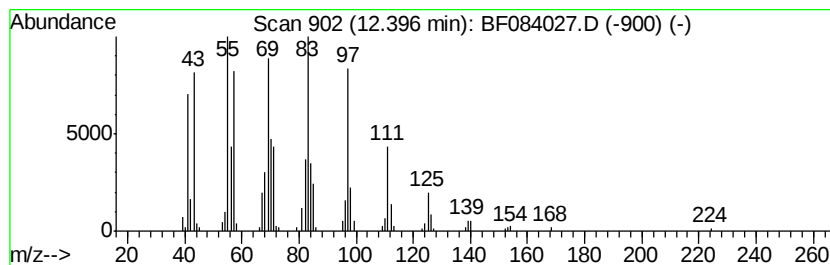
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Peak Number 6 1-Hexadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.40	12.82 ng	269457	Phenanthrene-d10	11.36		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecene		224	C16H32	000629-73-2	94
2	Chloroacetic acid, pentadecyl ester		304	C17H33ClO2	070301-47-2	94
3	1-Octadecanol		270	C18H38O	000112-92-5	94
4	9-Eicosene, (E)-		280	C20H40	074685-29-3	91
5	5-Octadecene, (E)-		252	C18H36	007206-21-5	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122215\
Data File : BF084027.D
Acq On : 23 Dec 2015 9:23
Operator : UM/SJ
Sample : G4919-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EAST-SIDEWALL

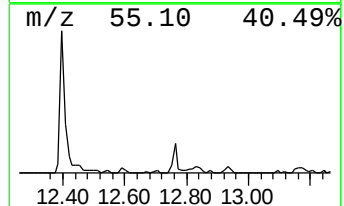
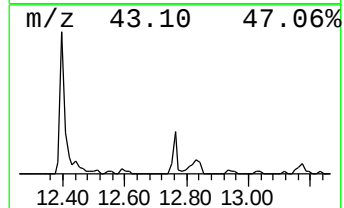
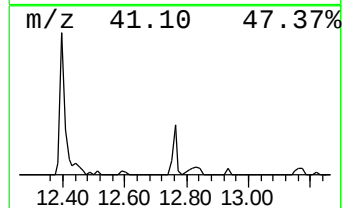
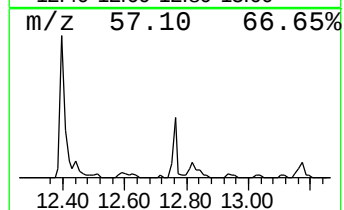
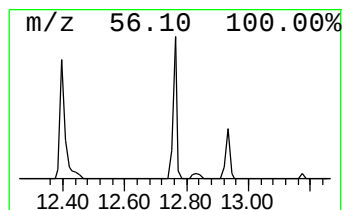
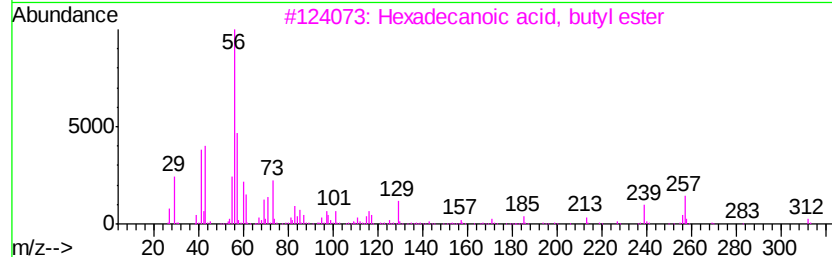
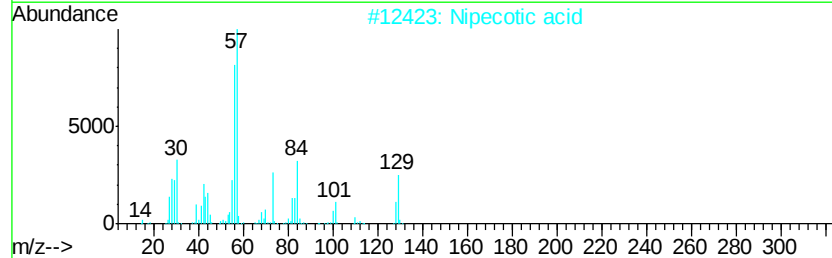
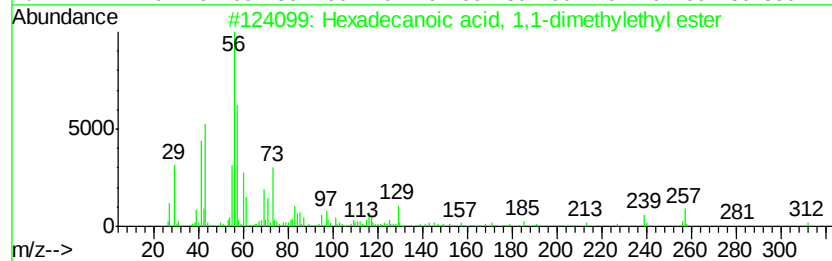
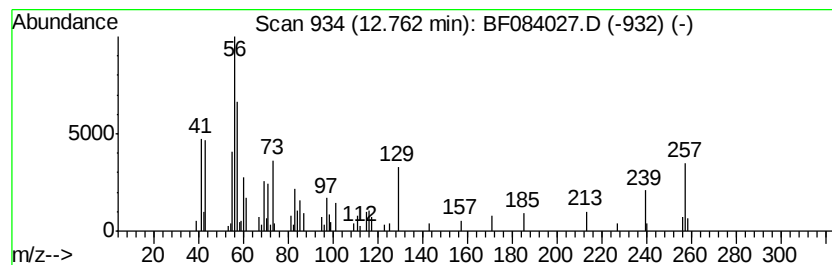
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecanoic acid, 1,1-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	3.69 ng	78585	Chrysene-d12	13.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	58
2			Nipecotic acid	129	C6H11NO2	000498-95-3	37
3			Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	30
4			Cyclopropane, 1-(1-methylethyl)-...	210	C15H30	041977-39-3	22
5			Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122215\
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Sample : G4919-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EAST-SIDEWALL

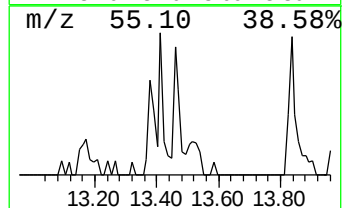
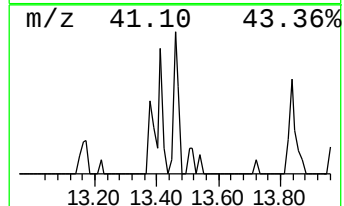
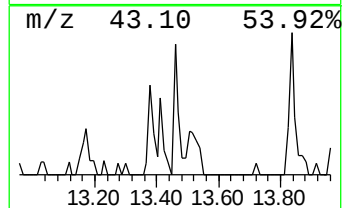
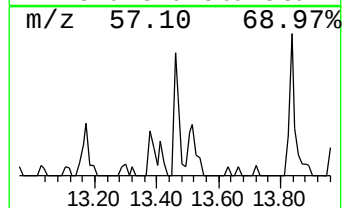
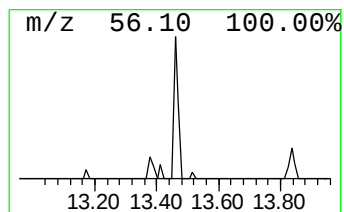
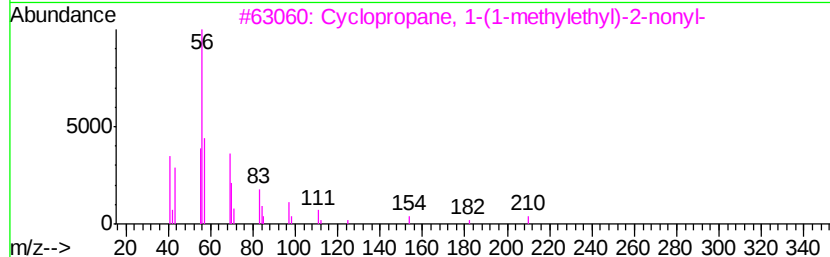
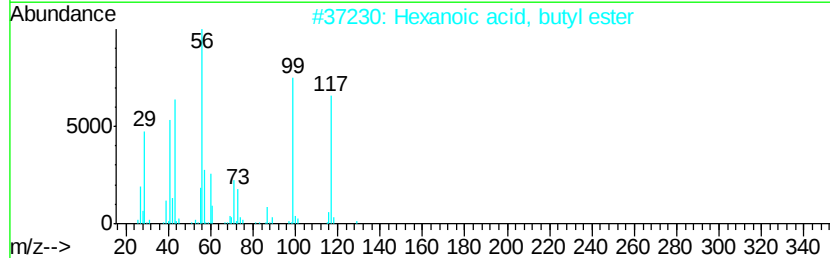
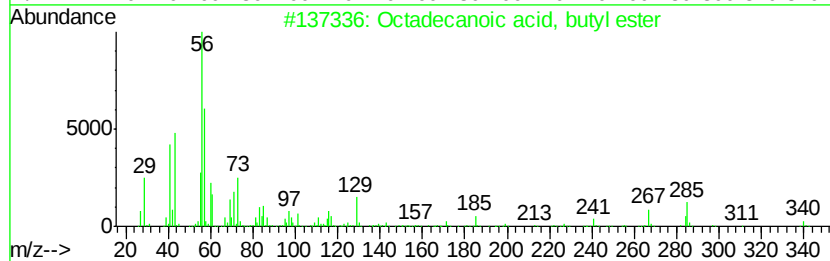
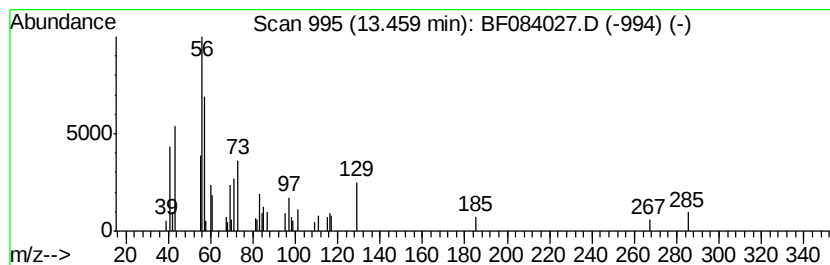
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecanoic acid, butyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	2.75 ng	58507	Chrysene-d12	13.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	80
2		Hexanoic acid, butyl ester	172	C10H20O2	000626-82-4	38
3		Cyclopropane, 1-(1-methylethyl)-...	210	C15H30	041977-39-3	35
4		Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	35
5		Octanoic acid, hexyl ester	228	C14H28O2	001117-55-1	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF084027.D
Acq On : 23 Dec 2015 9:23
Operator : UM/SJ
Sample : G4919-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

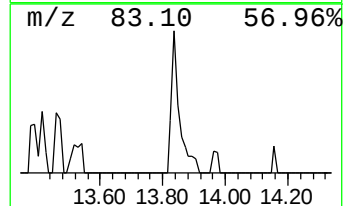
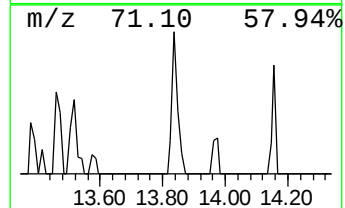
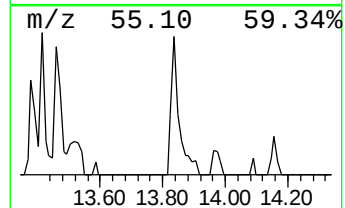
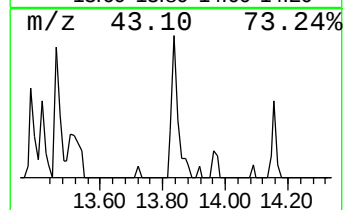
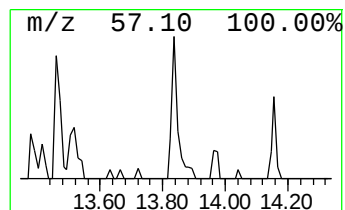
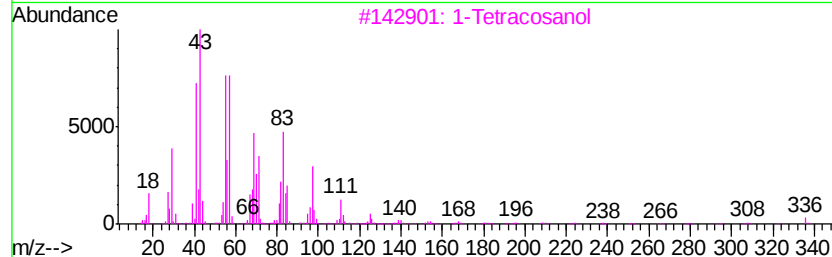
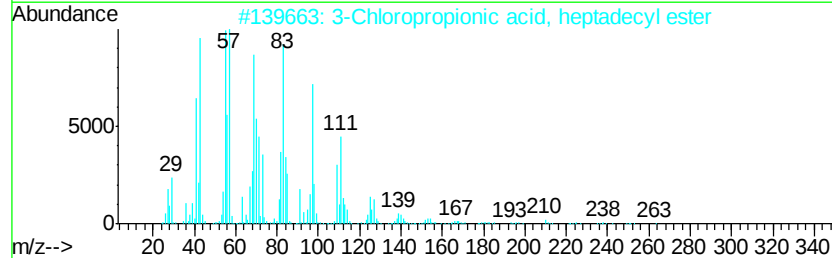
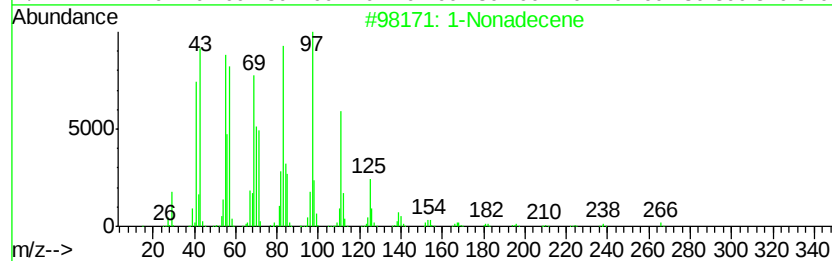
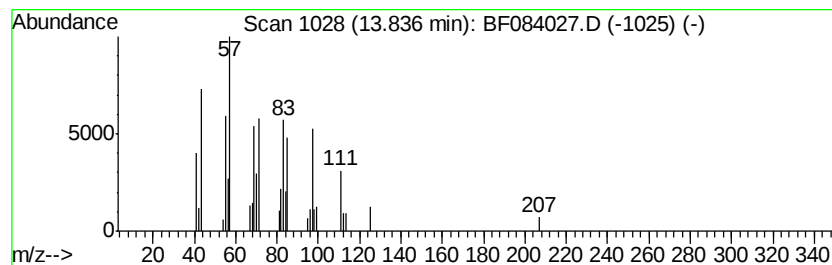
Instrument :
BNA_F
ClientSampleId :
EAST-SIDEWALL

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Nonadecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	2.77 ng	58950	Chrysene-d12	13.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Nonadecene	266 C19H38	018435-45-5	62
2	3-Chloropropionic acid, heptadec...	346 C20H39ClO2	1000283-05-1	58
3	1-Tetracosanol	354 C24H50O	000506-51-4	53
4	Pentafluoropropionic acid, hexad...	388 C19H33F5O2	006222-07-7	52
5	Pentafluoropropionic acid, octad...	416 C21H37F5O2	1000280-07-7	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122215\
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Acq On : 23 Dec 2015 9:23
Operator : UM/SJ
Sample : G4919-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EAST-SIDEWALL

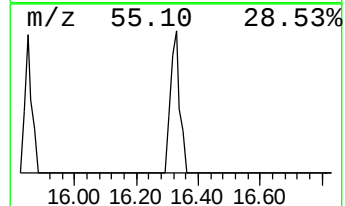
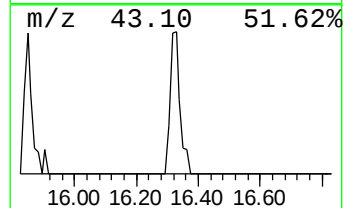
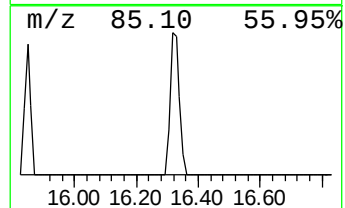
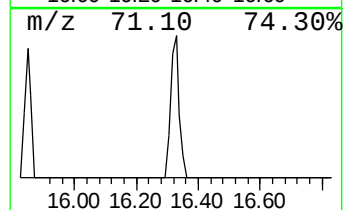
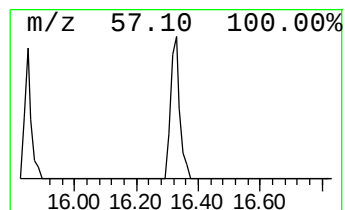
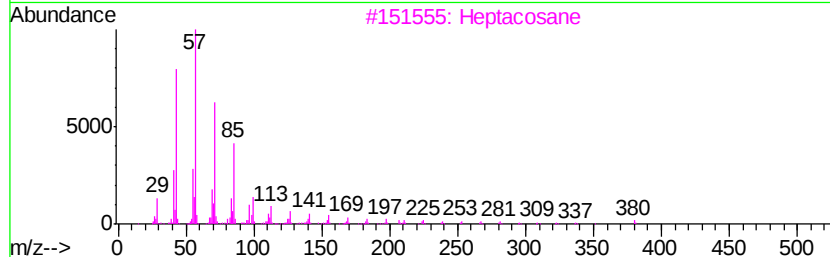
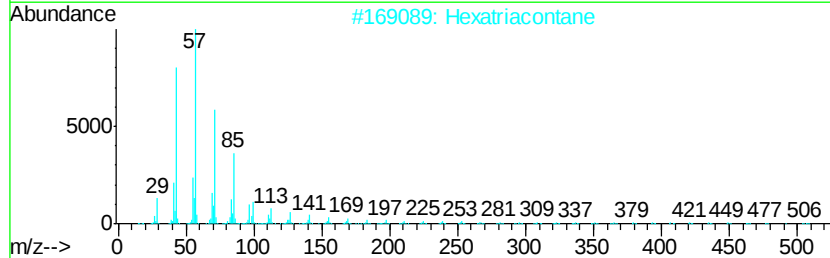
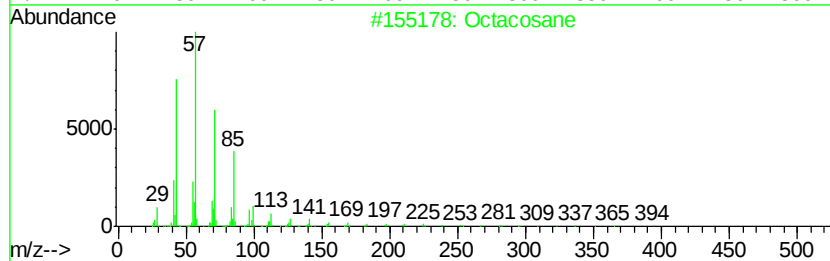
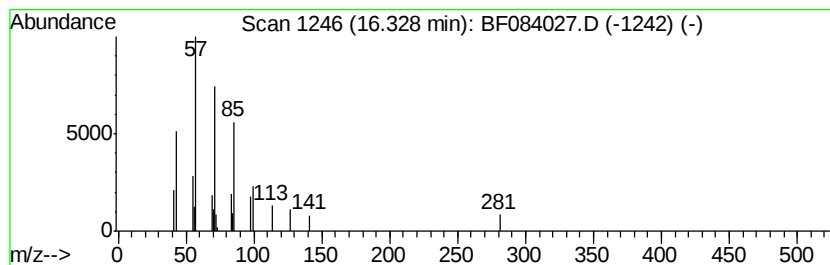
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	2.26 ng	39350	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Hexatriacontane	507	C36H74	000630-06-8	90
3		Heptacosane	380	C27H56	000593-49-7	90
4		Tetrapentacontane	759	C54H110	005856-66-6	86
5		Tetratriacontane	479	C34H70	014167-59-0	86



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Operator : UM/SJ
Sample : G4919-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EAST-SIDEWALL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.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
1,3,5-Cycloheptat...	3.78	2.0	ng	27578	1	6.83	269429	20.0
2-Pentanone, 4-hy...	5.01	19.1	ng	257755	1	6.83	269429	20.0
unknown6.60	6.60	101.7	ng	1370290	1	6.83	269429	20.0
1-Hexadecanol	11.58	6.6	ng	138892	4	11.36	420291	20.0
1-Hexadecene	12.40	12.8	ng	269457	4	11.36	420291	20.0
Hexadecanoic acid...	12.76	3.7	ng	78585	5	13.98	425946	20.0
Octadecanoic acid...	13.46	2.8	ng	58507	5	13.98	425946	20.0
1-Nonadecene	13.84	2.8	ng	58950	5	13.98	425946	20.0
Octacosane	16.33	2.3	ng	39350	6	15.43	348730	20.0