

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078428.D
 Acq On : 11 Apr 2015 7:28
 Operator : TP/IZ
 Sample : G1744-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OS-2

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-BF040115.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.013	9	11	13	rVB	839352	871263	63.86%	11.132%
2	1.127	18	21	23	rVB	81834	102849	7.54%	1.314%
3	1.264	31	33	35	rVB	32632	41668	3.05%	0.532%
4	1.527	54	56	62	rVV	22461	38057	2.79%	0.486%
5	1.618	62	64	86	rVB	791879	1364341	100.00%	17.432%
6	4.533	317	319	324	rBV	13668	25858	1.90%	0.330%
7	5.116	368	370	375	rBV	185500	221629	16.24%	2.832%
8	6.453	485	487	495	rBV	196748	261891	19.20%	3.346%
9	6.568	495	497	500	rBV	239792	270004	19.79%	3.450%
10	6.853	520	522	525	rBV	147659	186851	13.70%	2.387%
11	7.048	536	539	541	rBV	153149	184591	13.53%	2.359%
12	7.562	581	584	586	rBV	144832	150275	11.01%	1.920%
13	8.442	658	661	663	rBV	197801	265158	19.43%	3.388%
14	9.779	776	778	781	rBV	495007	436687	32.01%	5.580%
15	10.294	821	823	825	rBV	27578	23767	1.74%	0.304%
16	10.591	847	849	852	rVB	340282	336629	24.67%	4.301%
17	11.562	932	934	937	rBV2	299431	368337	27.00%	4.706%
18	12.420	1007	1009	1011	rBV	354503	349845	25.64%	4.470%
19	13.174	1073	1075	1079	rBV	10374	16029	1.17%	0.205%
20	14.408	1180	1183	1186	rBV	707302	706239	51.76%	9.024%
21	15.597	1284	1287	1291	rBV	116789	202139	14.82%	2.583%
22	15.677	1291	1294	1297	rVV	426977	455254	33.37%	5.817%
23	15.848	1307	1309	1315	rVV5	11152	39949	2.93%	0.510%
24	15.997	1317	1322	1324	rBV3	24499	60443	4.43%	0.772%
25	16.043	1324	1326	1327	rBV	16159	17541	1.29%	0.224%
26	16.328	1349	1351	1354	rBV4	16505	47981	3.52%	0.613%
27	16.397	1355	1357	1360	rVV3	27026	61617	4.52%	0.787%
28	17.334	1437	1439	1442	rBV	292564	389431	28.54%	4.976%
29	18.306	1522	1524	1529	rVB2	98918	193695	14.20%	2.475%
30	18.774	1563	1565	1568	rVB	75985	136520	10.01%	1.744%

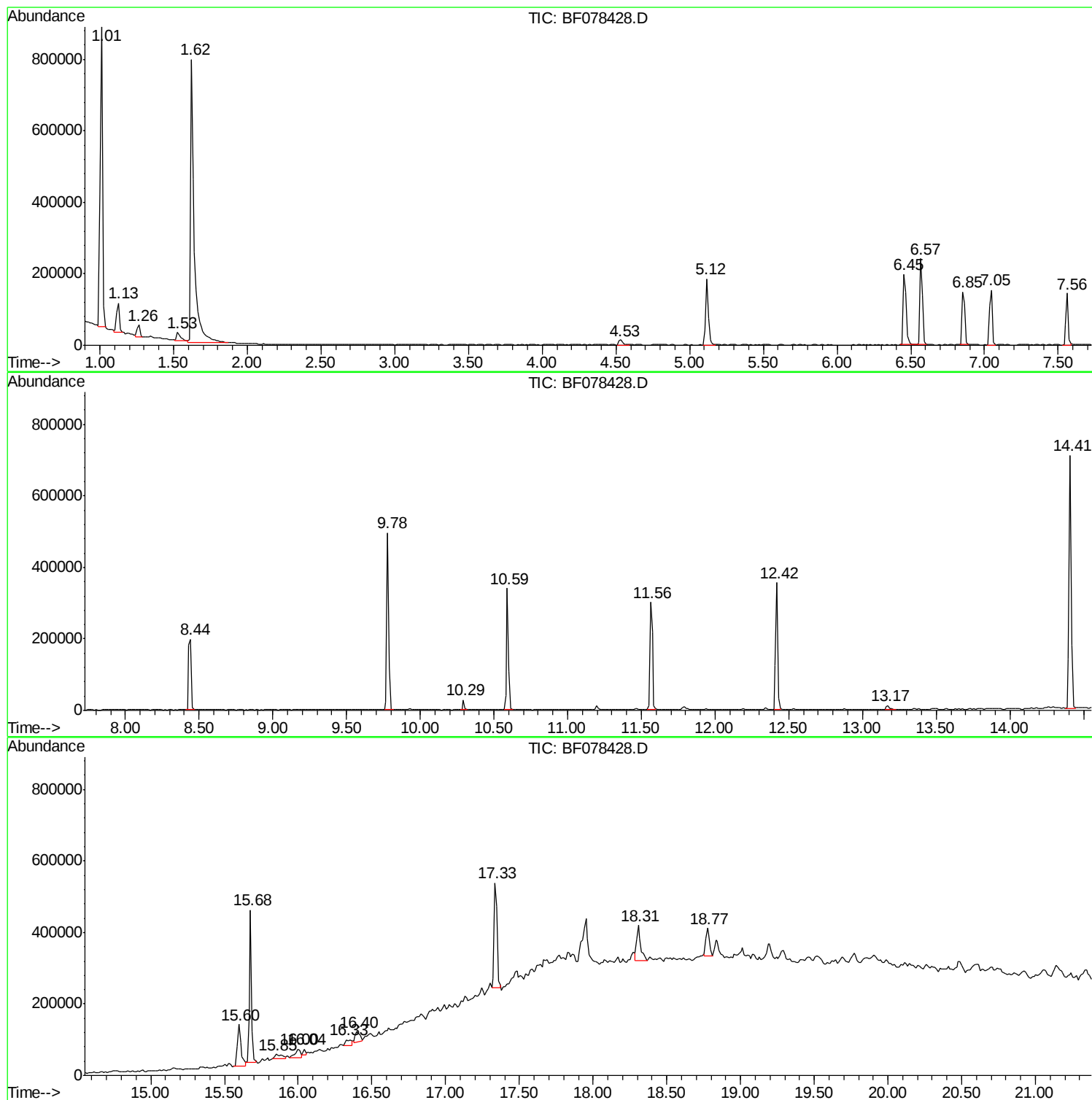
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Instrument :
BNA_F
ClientSampleId :
OS-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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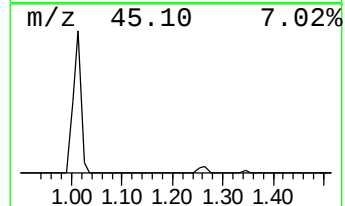
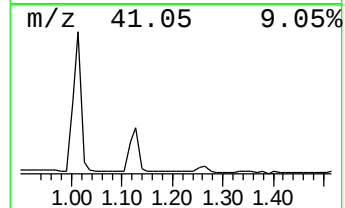
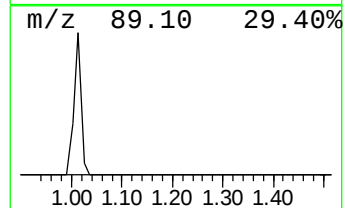
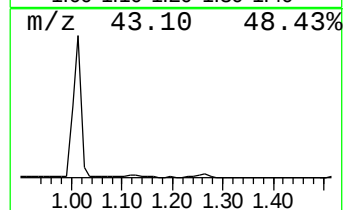
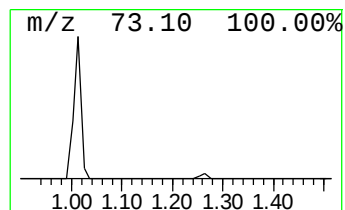
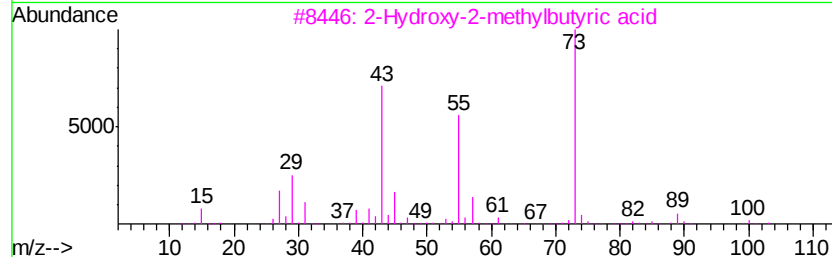
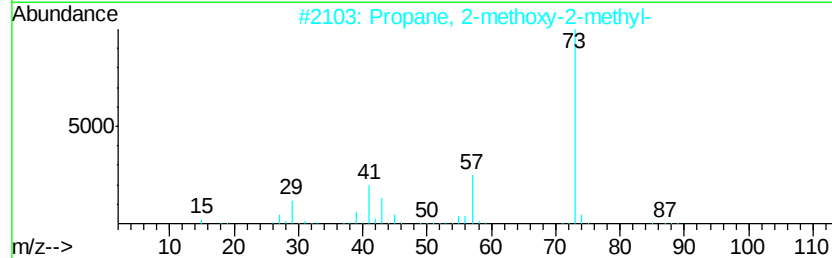
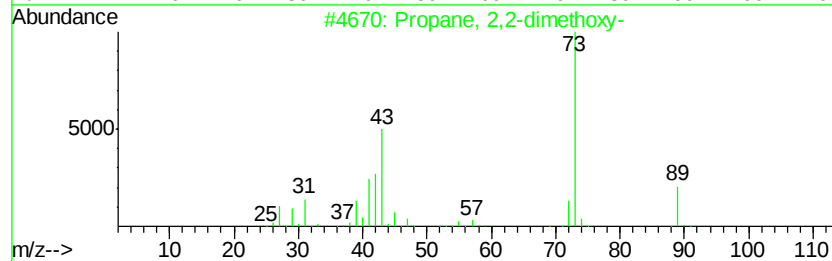
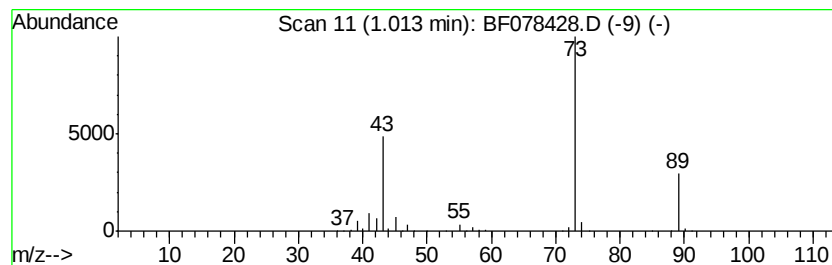
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.01	93.26 ng	871263	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5		Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7



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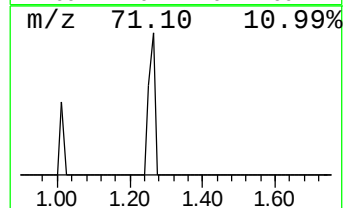
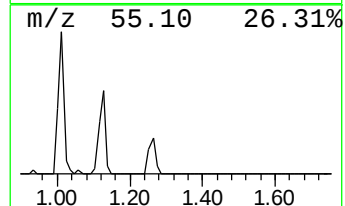
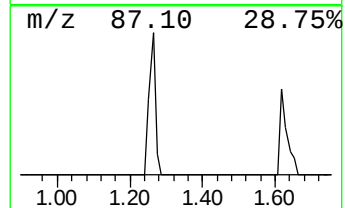
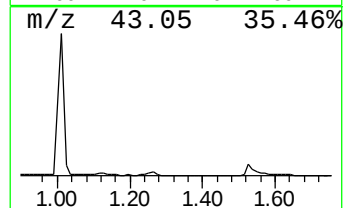
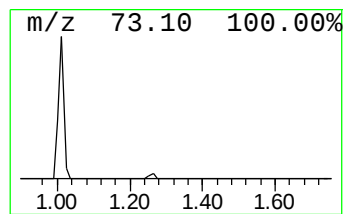
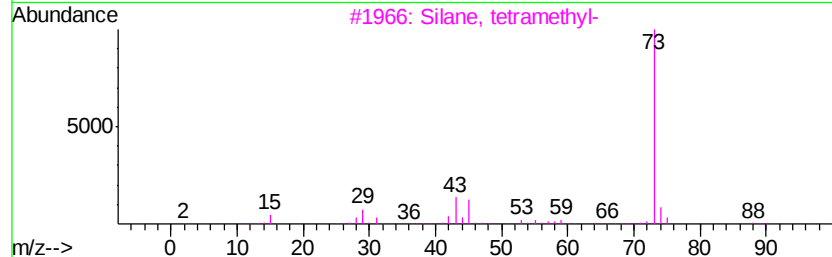
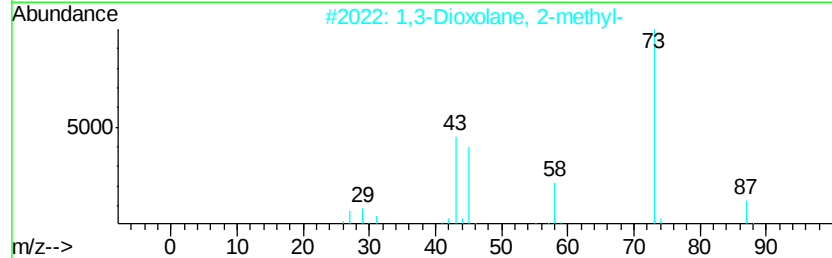
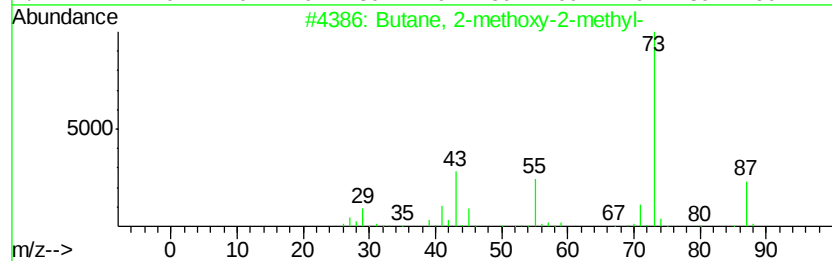
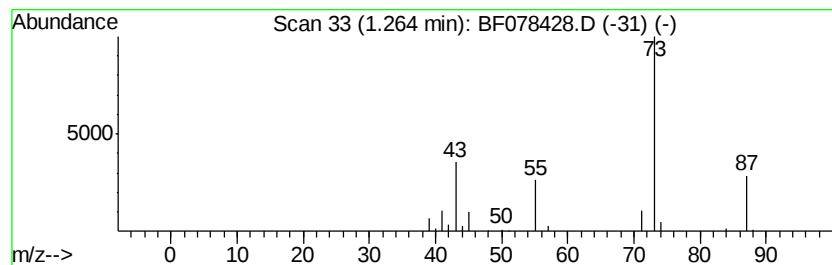
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Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.26	4.46 ng	41668	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
2		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	7
4		N-Ethylformamide	73	C3H7NO	000627-45-2	5
5		1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	5



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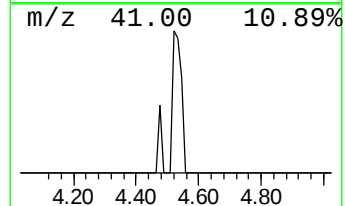
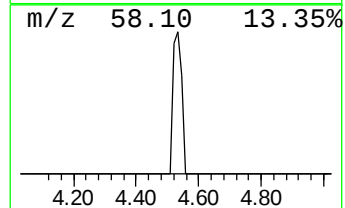
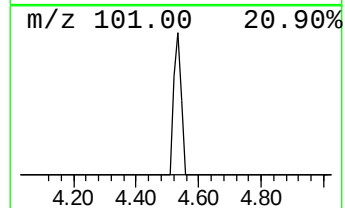
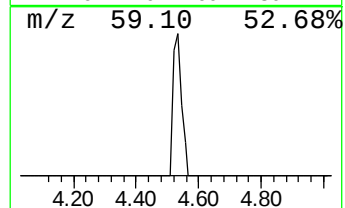
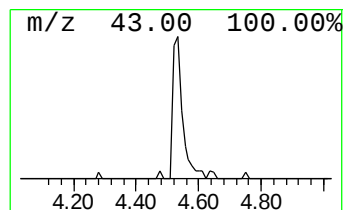
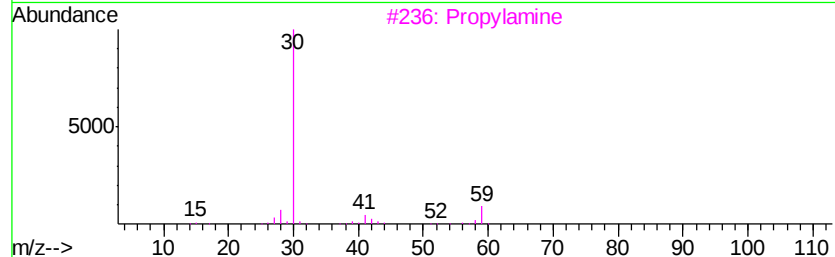
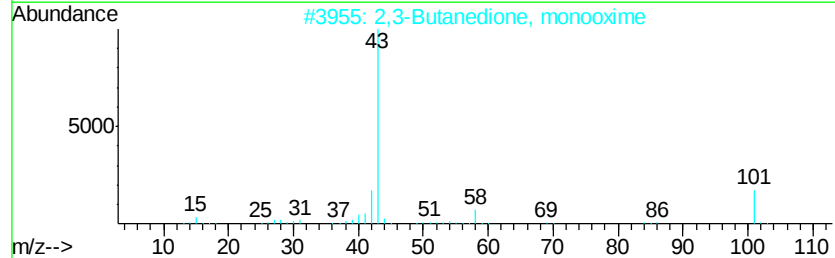
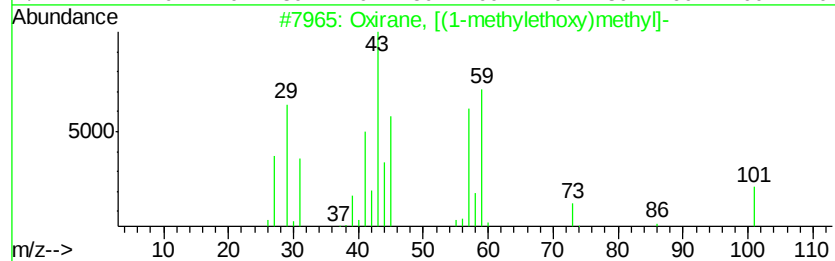
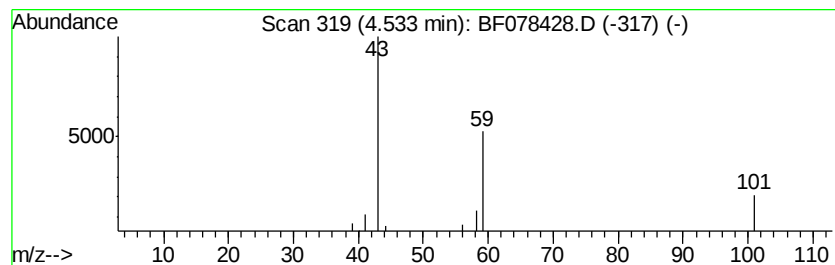
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Oxirane, [(1-methylethoxy)m... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.53	2.77 ng	25858	1,4-Dichlorobenzene-d4	6.85

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	64
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3		Propylamine	59	C3H9N	000107-10-8	7
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	5
5		Butane	58	C4H10	000106-97-8	5



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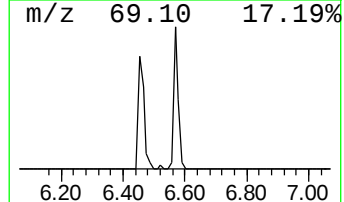
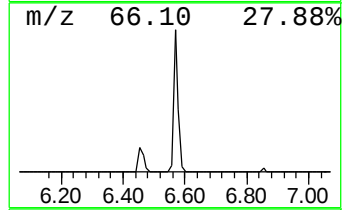
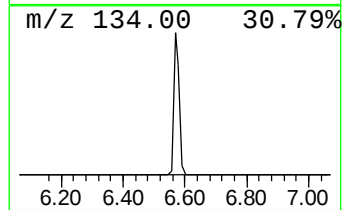
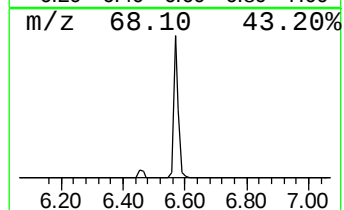
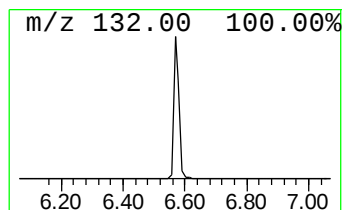
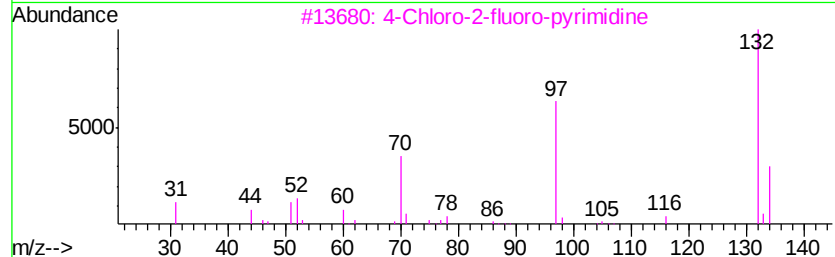
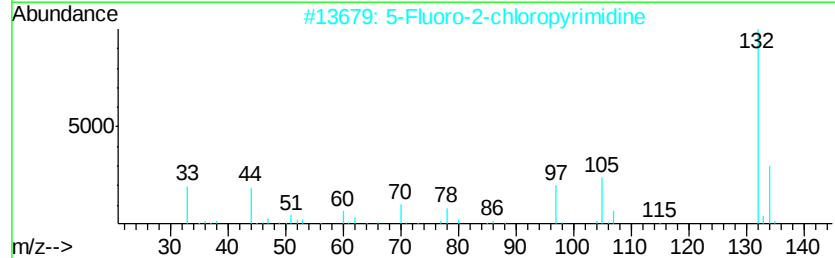
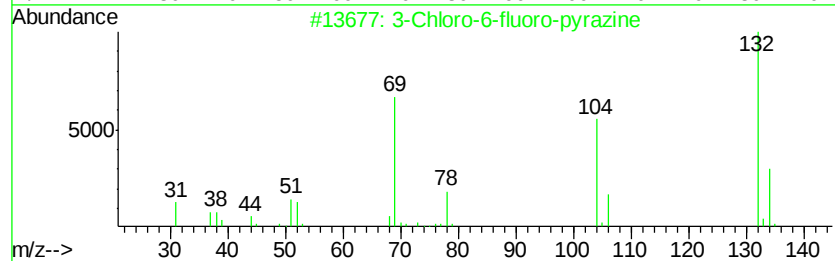
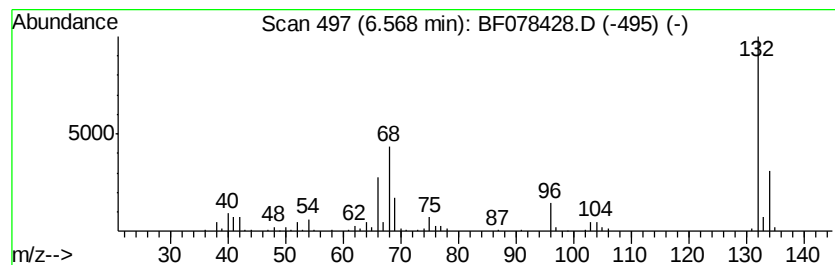
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Peak Number 7 unknown6.57 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	28.90 ng	270004	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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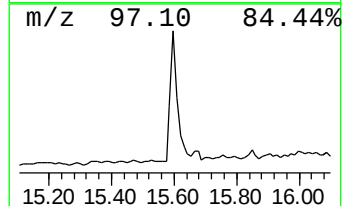
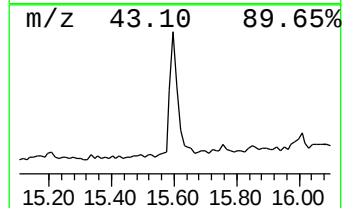
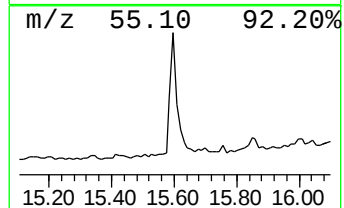
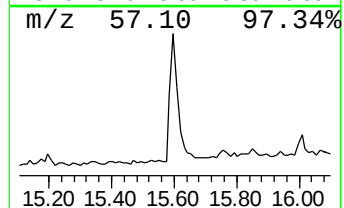
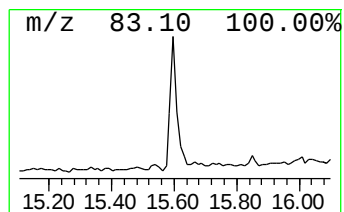
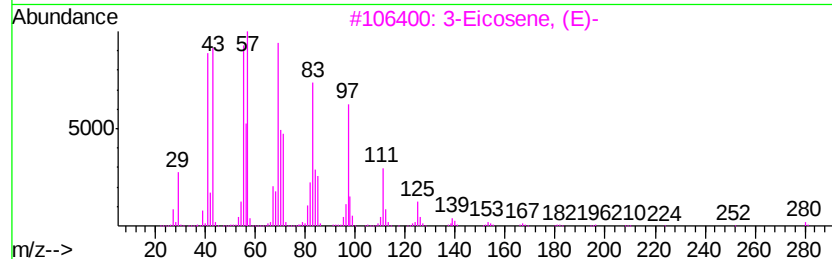
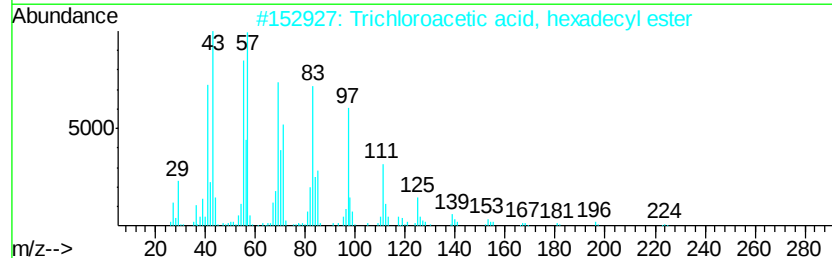
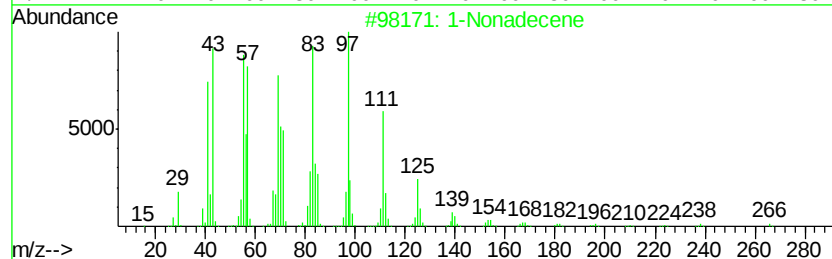
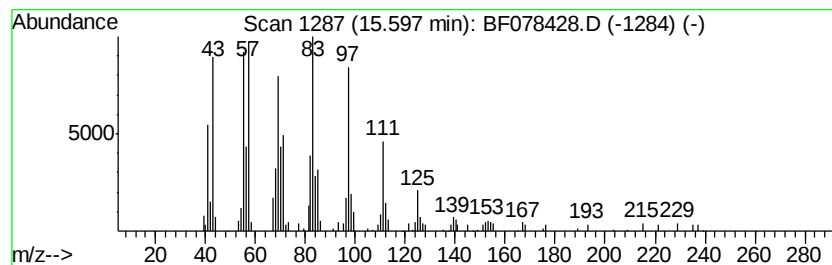
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Peak Number 9 1-Nonadecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.60	8.88 ng	202139	Chrysene-d12	15.68	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	94
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91



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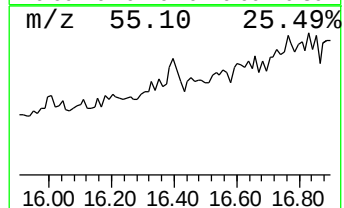
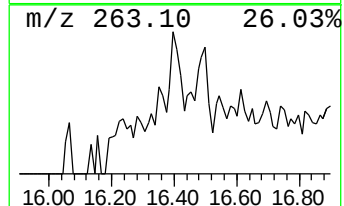
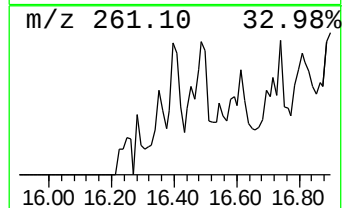
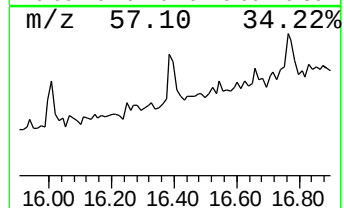
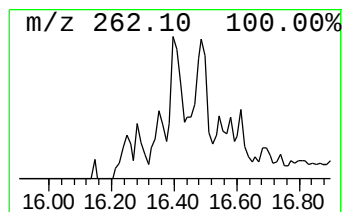
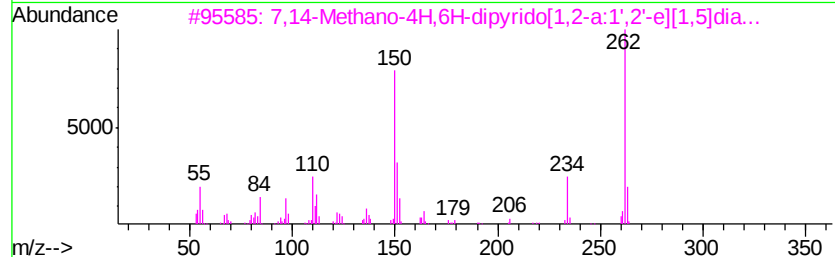
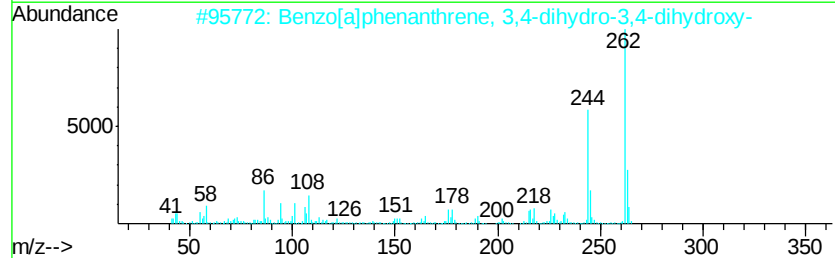
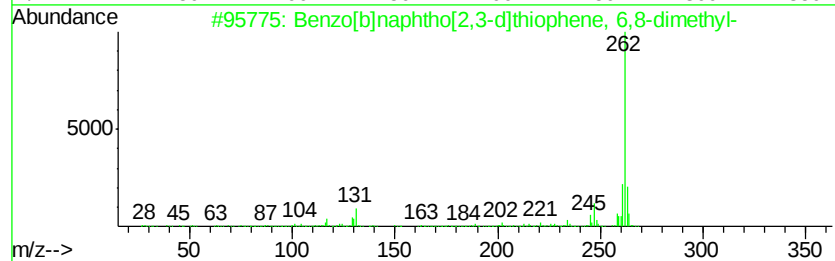
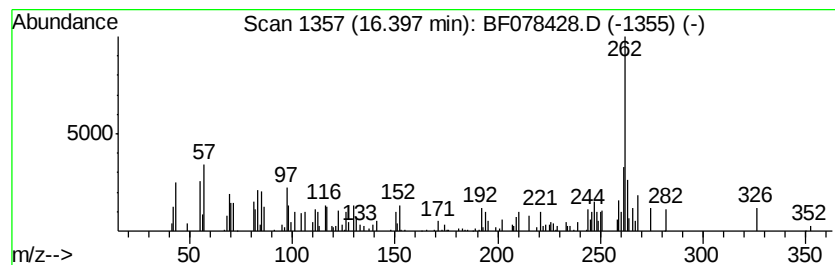
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	2.71 ng	61617	Chrysene-d12	15.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,3-d]thiophene, ...	262	C18H14S	024964-16-7	52
2		Benzo[a]phenanthrene, 3,4-dihydr...	262	C18H14O2	028622-72-2	50
3		7,14-Methano-4H,6H-dipyrido[1,2-...	262	C15H22N2O2	004697-83-0	49
4		2,3-Dimethyl-3H-phenanthro[3,4-d...	262	C17H14N2O	098033-25-1	49
5		Benzo[b]naphtho[2,3-d]thiophene, ...	262	C18H14S	024964-12-3	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078428.D
Acq On : 11 Apr 2015 7:28
Operator : TP/IZ
Sample : G1744-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OS-2

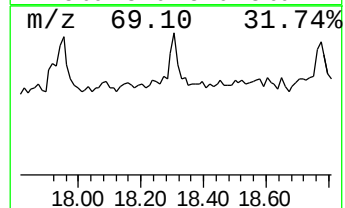
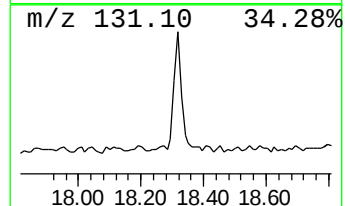
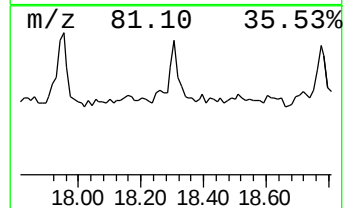
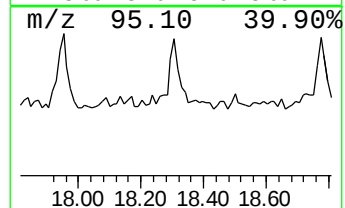
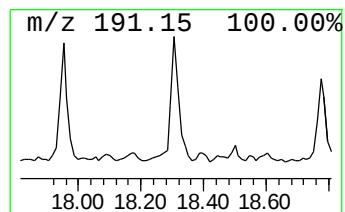
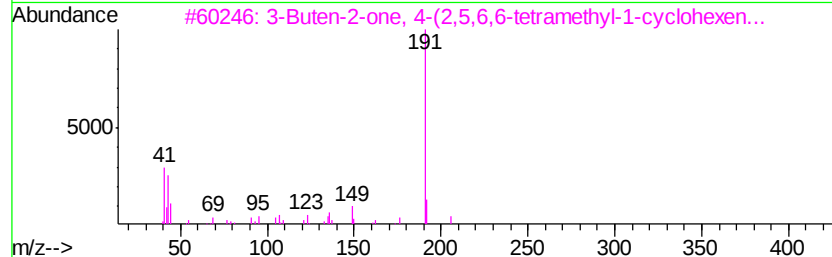
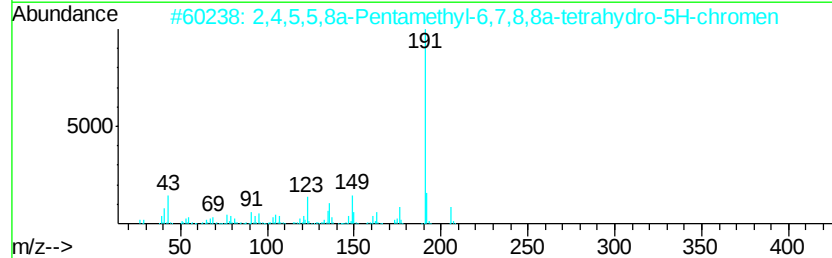
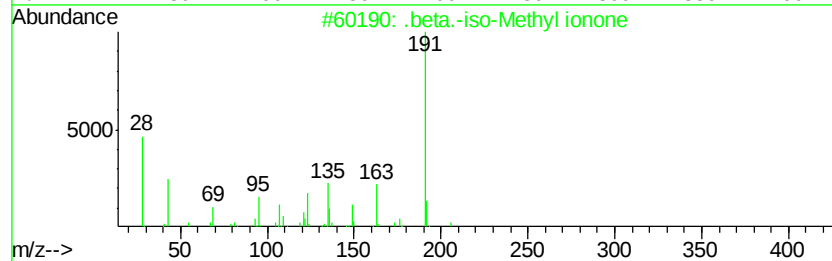
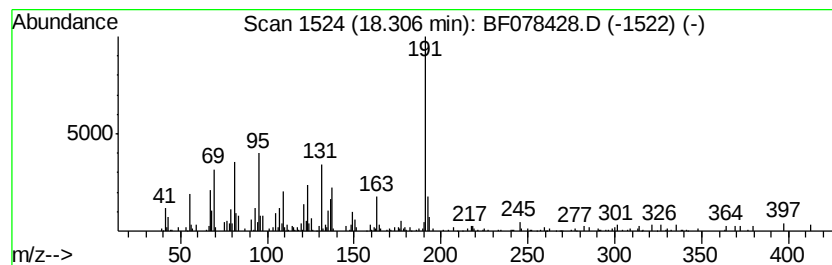
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown18.31 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	9.95 ng	193695	Perylene-d12	17.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	38
2		2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	37
3		3-Buten-2-one, 4-(2,5,6,6-tetram...	206	C14H22O	000079-70-9	35
4		4H-1,2,4-Triazole, 3-ethyl-5-(3,...	191	C9H13N5	328532-29-2	35
5		2,4,7-Pteridinetriamine, 6-methyl-	191	C7H9N7	017539-50-3	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078428.D
Acq On : 11 Apr 2015 7:28
Operator : TP/IZ
Sample : G1744-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OS-2

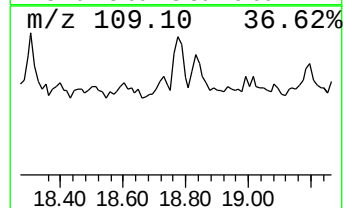
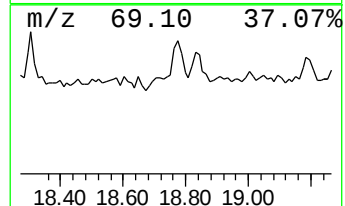
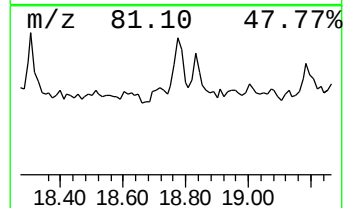
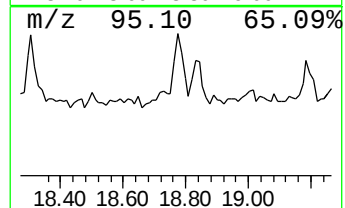
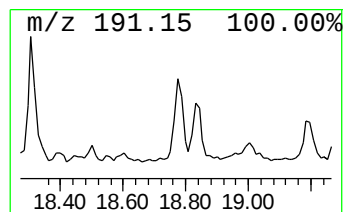
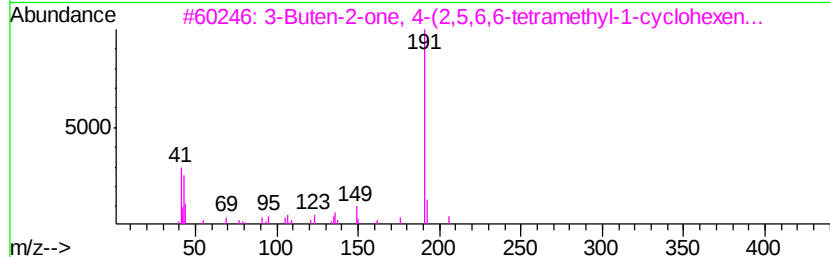
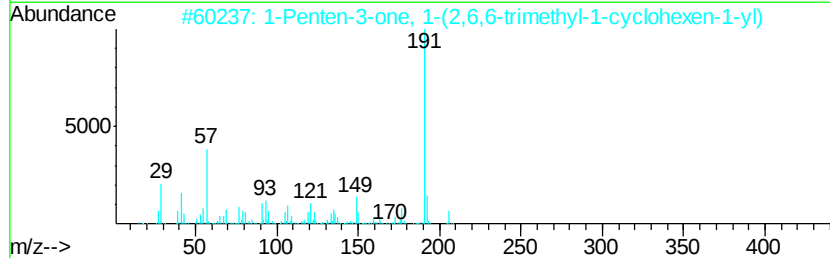
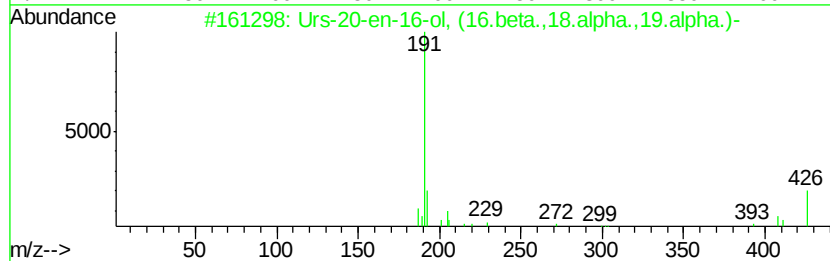
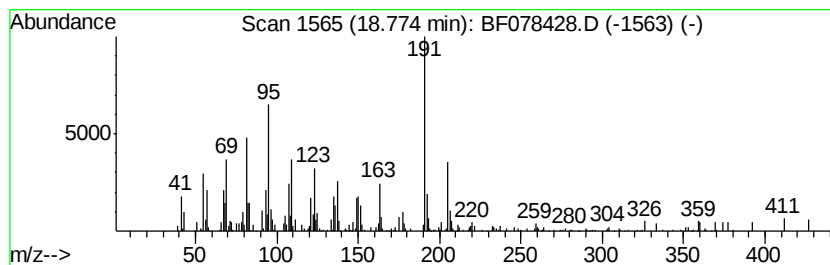
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Urs-20-en-16-ol, (16.beta.,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	7.01 ng	136520	Perylene-d12	17.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Urs-20-en-16-ol, (16.beta.,18.alpha.,19.alpha.)-	426	C30H50O	066394-74-9	56
2		1-Penten-3-one, 1-(2,6,6-trimethyl-1-cyclohexen-1-yl)-	206	C14H22O	000127-43-5	46
3		3-Buten-2-one, 4-(2,5,6,6-tetramethyl-1-cyclohexen-1-yl)-	206	C14H22O	000079-70-9	43
4		2,3-Dimethyl-6-(3-methyl-butyryl)-cyclohexanone	248	C15H20O3	071940-30-2	43
5		Anthracene, 9-dodecyltetradecahydro-1,2,3,4,9,10-hexabenzocyclodeca-	360	C26H48	055401-75-7	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078428.D
Acq On : 11 Apr 2015 7:28
Operator : TP/IZ
Sample : G1744-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OS-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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
Propane, 2,2-dime...	1.01	93.3	ng	871263	1	6.85	186851	20.0
Butane, 2-methoxy...	1.26	4.5	ng	41668	1	6.85	186851	20.0
Oxirane, [(1-meth...	4.53	2.8	ng	25858	1	6.85	186851	20.0
unknown6.57	6.57	28.9	ng	270004	1	6.85	186851	20.0
1-Nonadecene	15.60	8.9	ng	202139	5	15.68	455254	20.0
Benzo[b]naphtho[2...	16.40	2.7	ng	61617	5	15.68	455254	20.0
unknown18.31	18.31	9.9	ng	193695	6	17.33	389431	20.0
Urs-20-en-16-ol, ...	18.77	7.0	ng	136520	6	17.33	389431	20.0