

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
 Data File : BF082816.D
 Acq On : 8 Nov 2015 2:05
 Operator : UM/IZ
 Sample : G4282-07
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OCFUST-PIT-WATER

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-BF110715.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	2.190	5	9	21	rVB4	29555	169058	3.09%	0.404%
2	5.024	254	257	260	rBV	905283	1074431	19.62%	2.570%
3	5.458	292	295	297	rBV	3423940	3054489	55.79%	7.307%
4	6.453	380	382	383	rBV	86009	74193	1.36%	0.177%
5	6.487	383	385	387	rVB	2302798	2127533	38.86%	5.090%
6	6.624	394	397	399	rBV	5210219	5475380	100.00%	13.099%
7	6.681	399	402	406	rVB4	45264	63624	1.16%	0.152%
8	6.853	415	417	419	rBV	1364086	1349403	24.64%	3.228%
9	6.910	421	422	425	rVB2	108506	102352	1.87%	0.245%
10	7.013	428	431	433	rBV	4682868	5119847	93.51%	12.248%
11	7.127	438	441	443	rVB3	56821	109570	2.00%	0.262%
12	7.173	443	445	449	rBV	138611	160177	2.93%	0.383%
13	7.253	449	452	454	rBV	99794	90050	1.64%	0.215%
14	7.413	462	466	469	rBV	3617364	3942256	72.00%	9.431%
15	7.504	472	474	476	rBV2	69372	92480	1.69%	0.221%
16	7.630	482	485	486	rBV	84422	88264	1.61%	0.211%
17	7.653	486	487	493	rVB2	133946	143326	2.62%	0.343%
18	7.790	496	499	504	rVB5	77183	203795	3.72%	0.488%
19	7.882	504	507	508	rBV2	183488	276120	5.04%	0.661%
20	7.916	508	510	511	rVB	53579	63450	1.16%	0.152%
21	7.973	511	515	517	rBV3	89762	177741	3.25%	0.425%
22	8.099	523	526	527	rBV	46926	72993	1.33%	0.175%
23	8.133	527	529	532	rVV	1793175	1836396	33.54%	4.393%
24	8.190	532	534	536	rVB	73656	82021	1.50%	0.196%
25	8.339	542	547	549	rBV3	96093	151731	2.77%	0.363%
26	8.384	549	551	553	rBV2	65001	99116	1.81%	0.237%
27	8.419	553	554	557	rVB2	43784	69725	1.27%	0.167%
28	8.522	562	563	565	rVB2	56265	56577	1.03%	0.135%
29	8.647	572	574	576	rBV	167868	174698	3.19%	0.418%
30	8.739	580	582	583	rBV	51776	79320	1.45%	0.190%
31	8.796	586	587	589	rVB	76350	69772	1.27%	0.167%
32	8.967	598	602	603	rBV2	85039	186771	3.41%	0.447%
33	8.990	603	604	606	rVB	52823	56926	1.04%	0.136%
34	9.105	610	614	617	rVB2	44025	93681	1.71%	0.224%

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Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.219	621	624	626	rVB	4772239	4177389	76.29%	9.994%
36	9.367	634	637	638	rVB	70140	65822	1.20%	0.157%
37	9.470	644	646	650	rVB2	76165	111083	2.03%	0.266%
38	9.550	650	653	654	rBV2	114639	133018	2.43%	0.318%
39	9.607	657	658	660	rVV	132014	110636	2.02%	0.265%
40	9.665	662	663	666	rVB2	51937	71090	1.30%	0.170%
41	9.893	680	683	685	rBV	1089486	1025668	18.73%	2.454%
42	10.099	697	701	702	rBV	39624	57076	1.04%	0.137%
43	10.305	715	719	723	rVB3	62050	115833	2.12%	0.277%
44	10.682	749	752	754	rBV	2237311	2287551	41.78%	5.473%
45	11.368	810	812	815	rBV	745436	801794	14.64%	1.918%
46	12.796	935	937	939	rBV	102138	133780	2.44%	0.320%
47	12.956	949	951	954	rBV	2026338	2815305	51.42%	6.735%
48	13.208	967	973	975	rBV3	22310	57738	1.05%	0.138%
49	13.494	996	998	1001	rBV	144286	147627	2.70%	0.353%
50	13.882	1030	1032	1035	rBV	94308	173249	3.16%	0.414%
51	14.008	1040	1043	1045	rBV	1219938	1128388	20.61%	2.699%
52	15.185	1143	1146	1150	rBV5	29240	108313	1.98%	0.259%
53	15.437	1165	1168	1171	rBV	994595	1181331	21.58%	2.826%
54	16.385	1248	1251	1256	rVB5	40500	110666	2.02%	0.265%

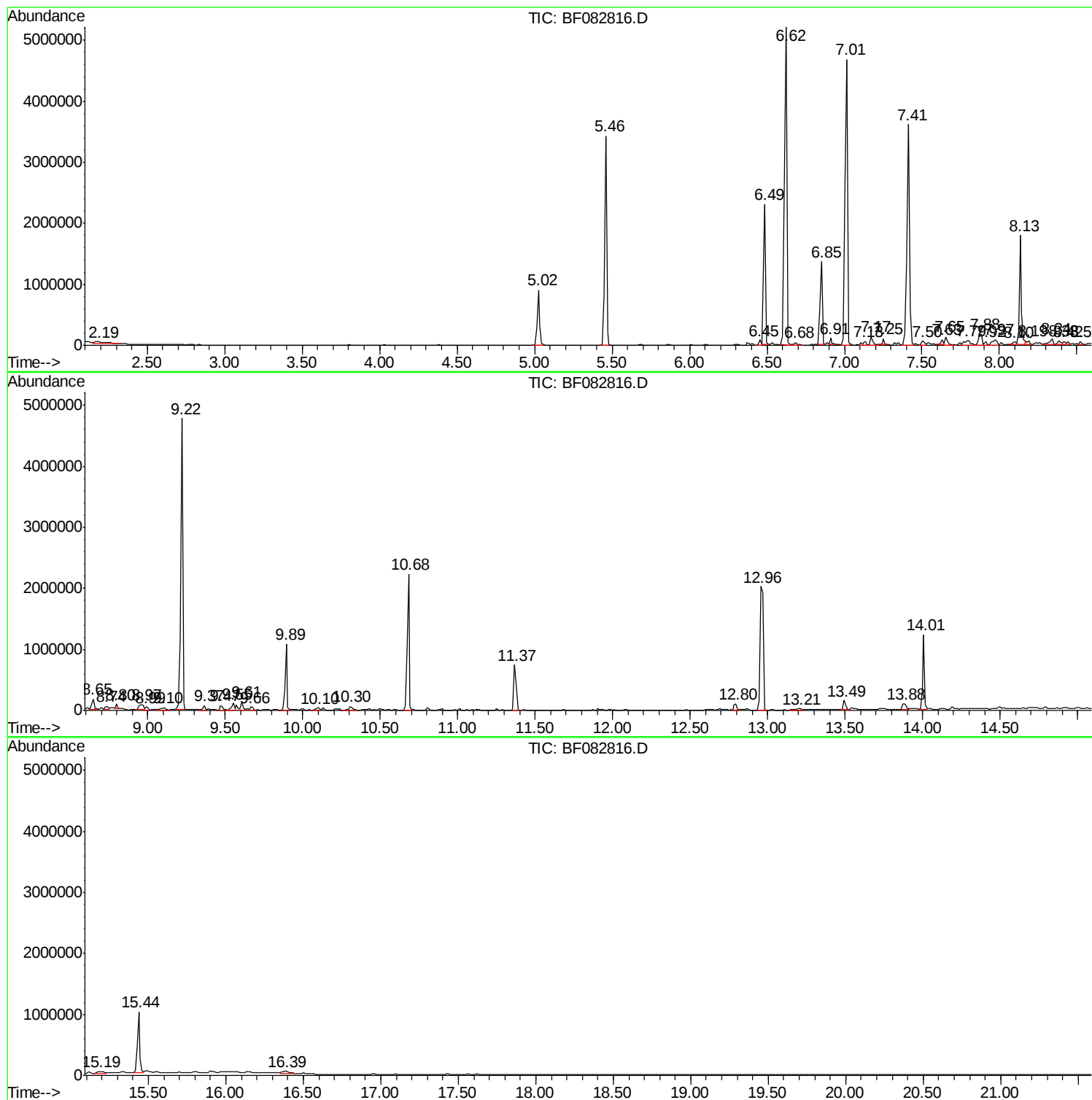
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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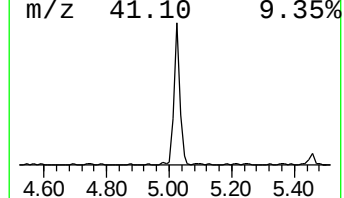
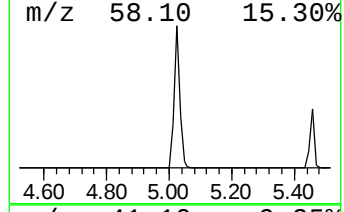
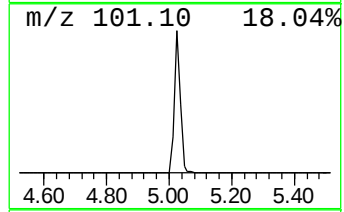
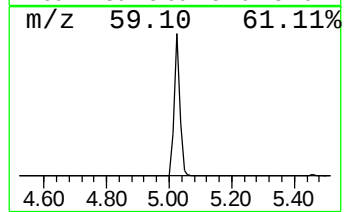
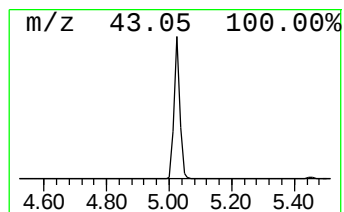
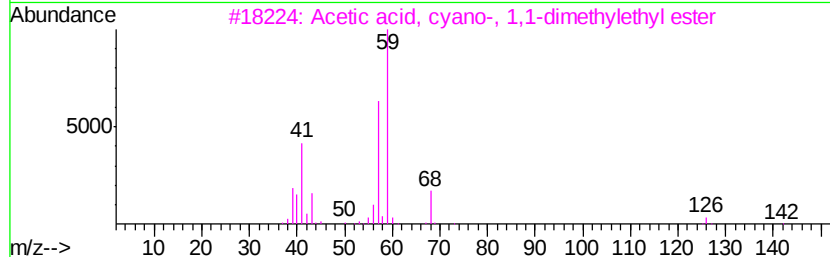
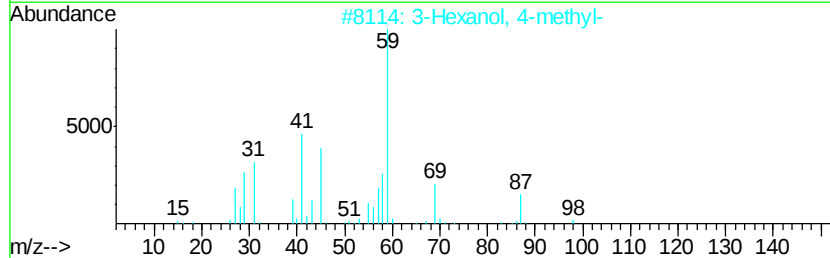
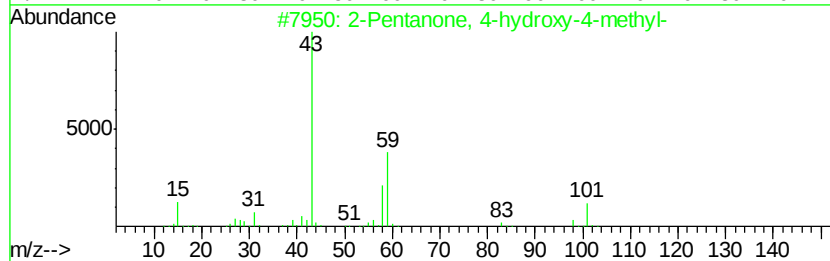
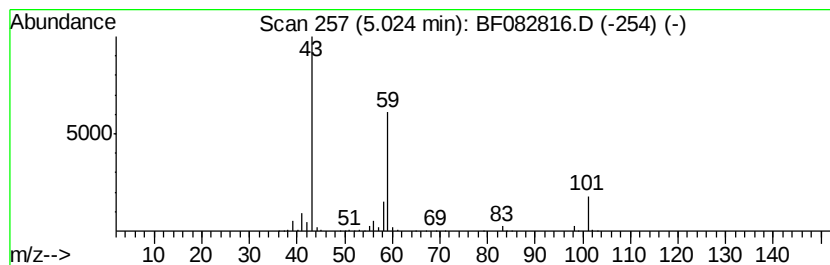
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	15.92 ng	1074430	1,4-Dichlorobenzene-d4	6.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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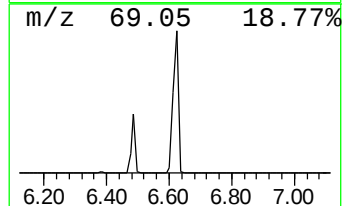
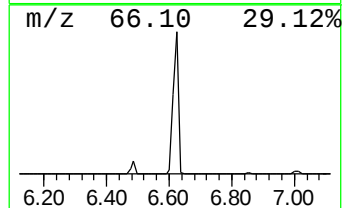
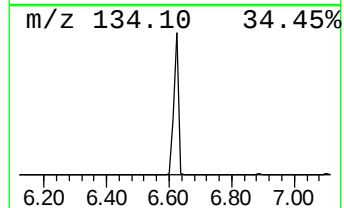
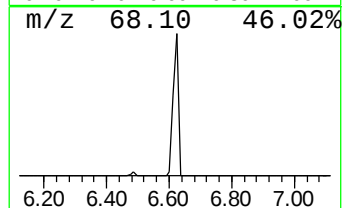
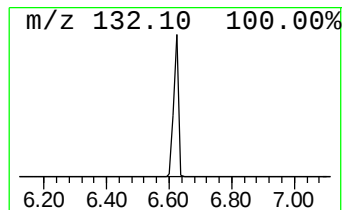
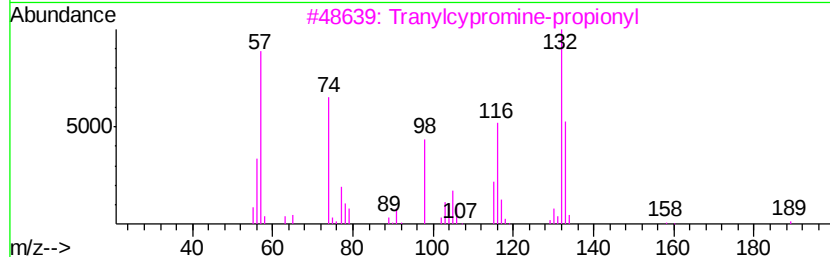
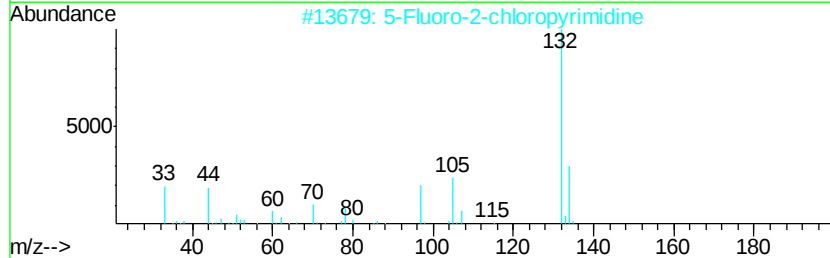
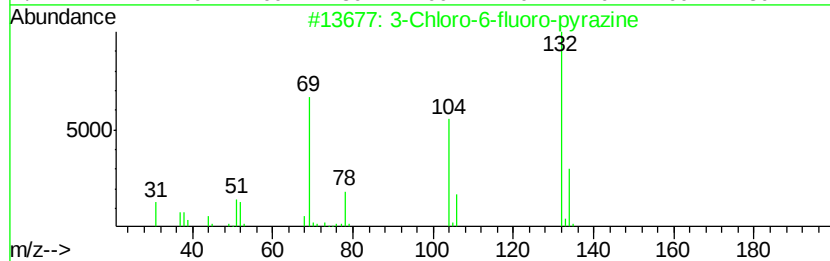
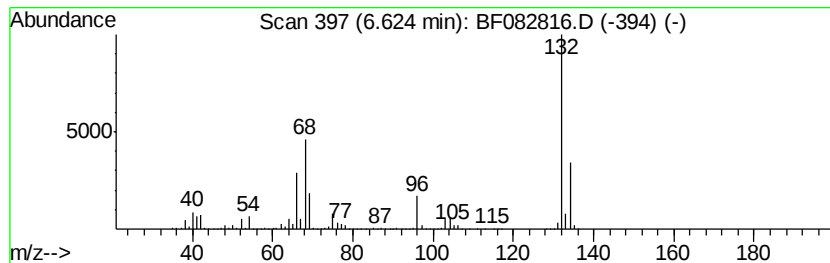
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	81.15 ng	5475380	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	35
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Tranvlcvpromine-propionyl	189	C12H15NO	1000123-86-3	10
4		Xenon	132	Xe	007440-63-3	9
5		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9



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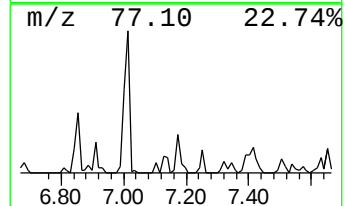
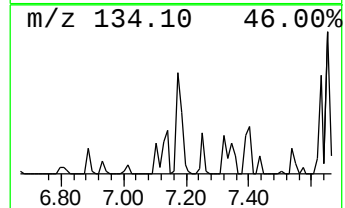
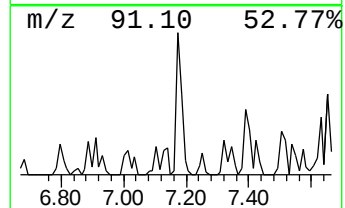
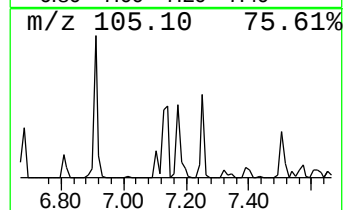
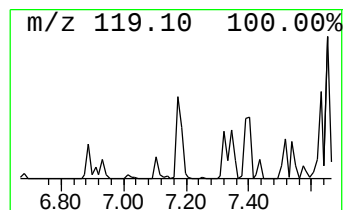
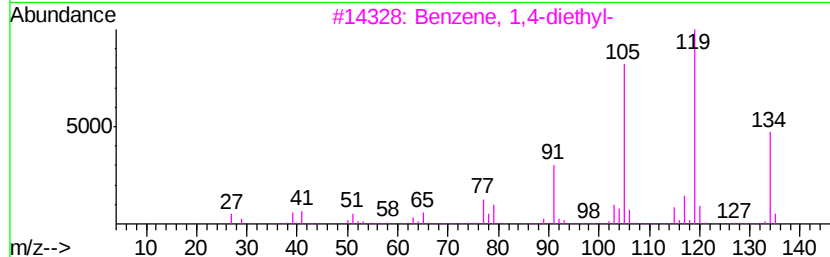
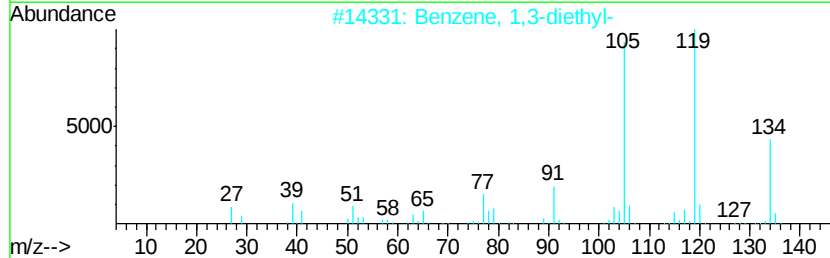
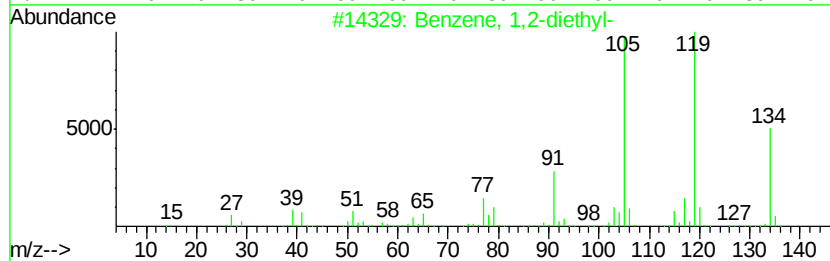
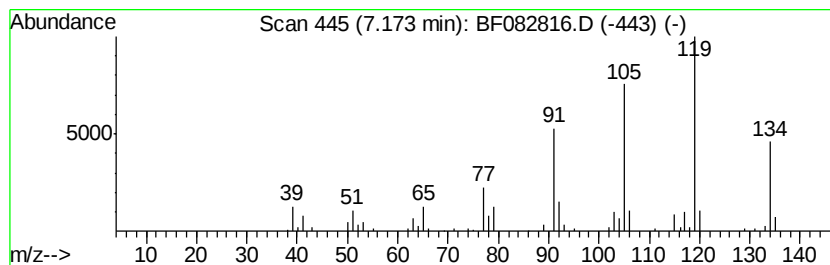
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,2-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	2.37 ng	160177	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	92
5		1,3,8-p-Menthatriene	134	C10H14	021195-59-5	91



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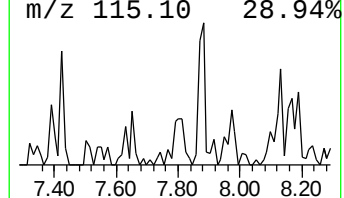
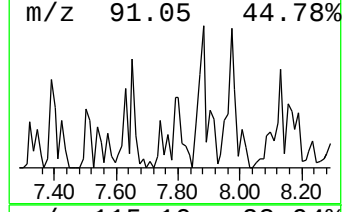
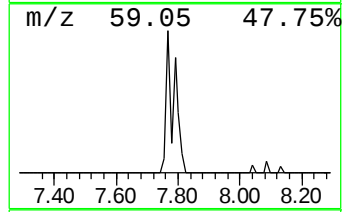
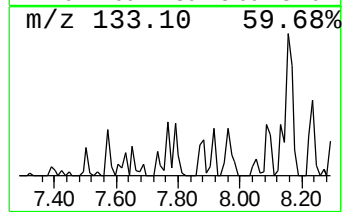
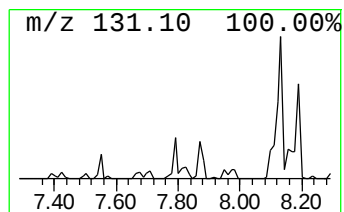
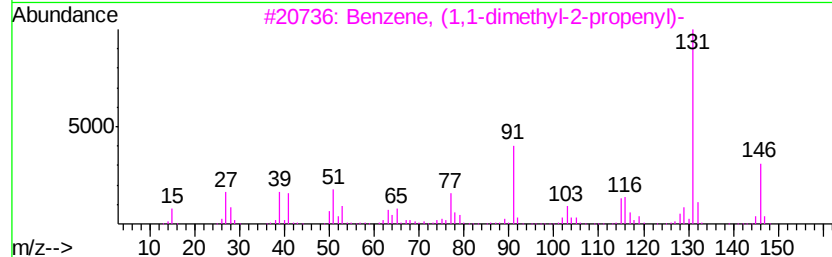
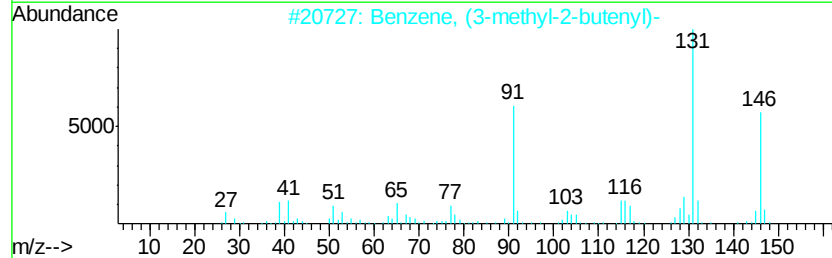
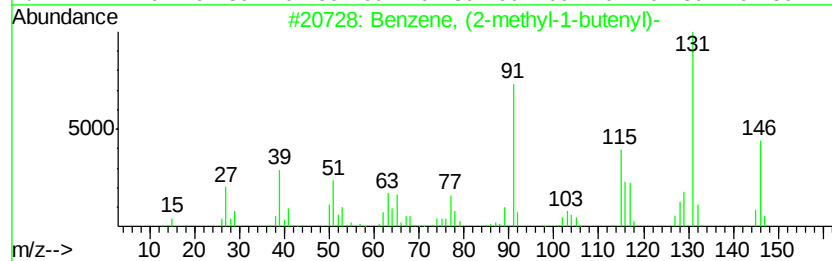
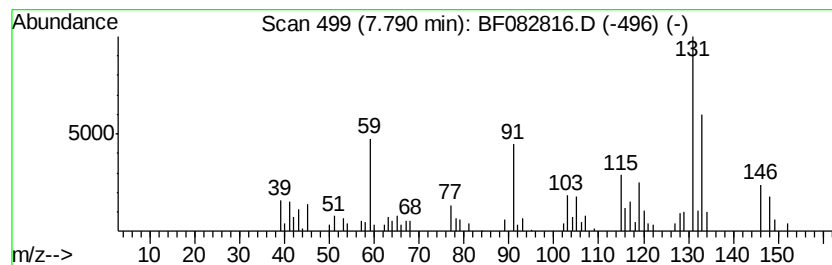
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, (2-methyl-1-butenyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	2.22 ng	203795	Naphthalene-d8	8.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, (2-methyl-1-butenyl)-	146 C11H14	056253-64-6 51
2		Benzene, (3-methyl-2-butenyl)-	146 C11H14	004489-84-3 50
3		Benzene, (1,1-dimethyl-2-propenyl)-	146 C11H14	018321-36-3 50
4		1H-Indene, 2,3-dihydro-1,3-dimet...	146 C11H14	004175-53-5 50
5		Naphthalene, 1,2,3,4-tetrahydro...	146 C11H14	001559-81-5 50



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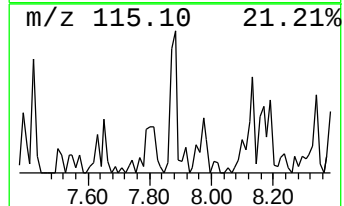
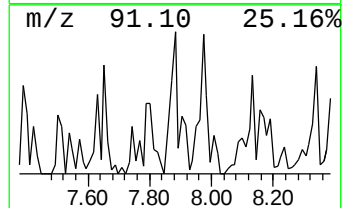
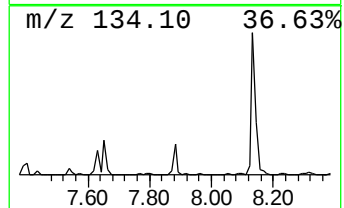
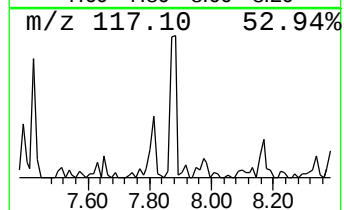
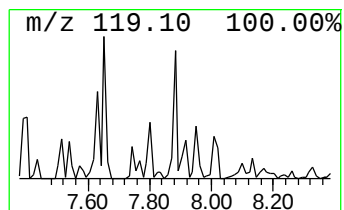
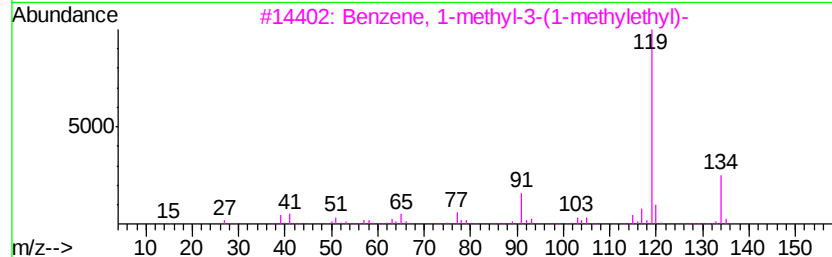
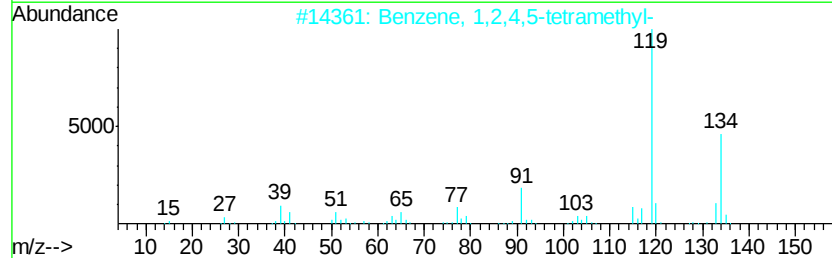
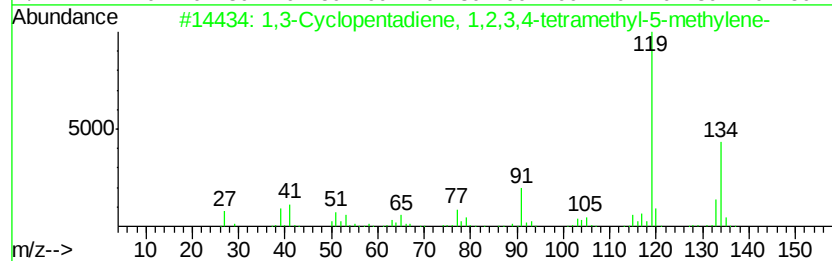
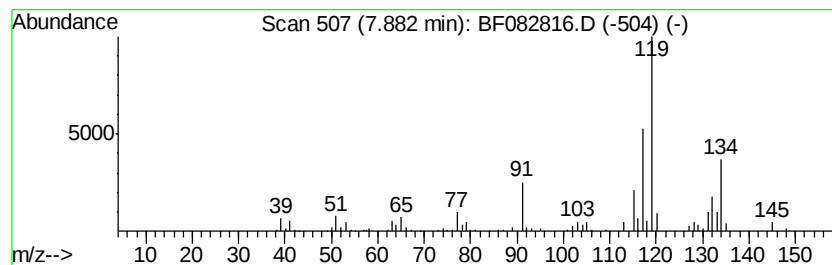
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	3.01 ng	276120	Napthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	64
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
3		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
4		Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	60
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082816.D
Acq On : 8 Nov 2015 2:05
Operator : UM/IZ
Sample : G4282-07
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OCFUST-PIT-WATER

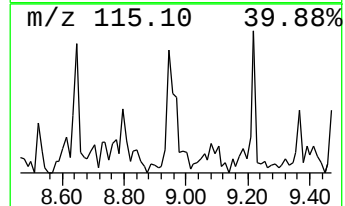
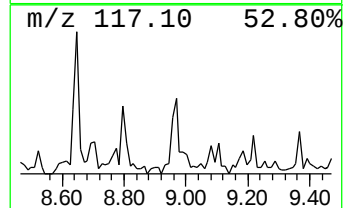
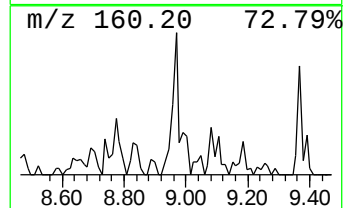
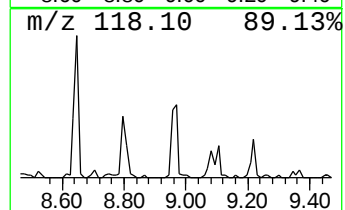
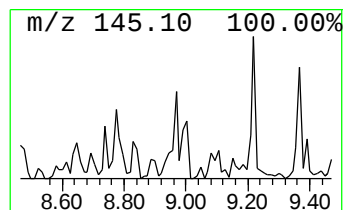
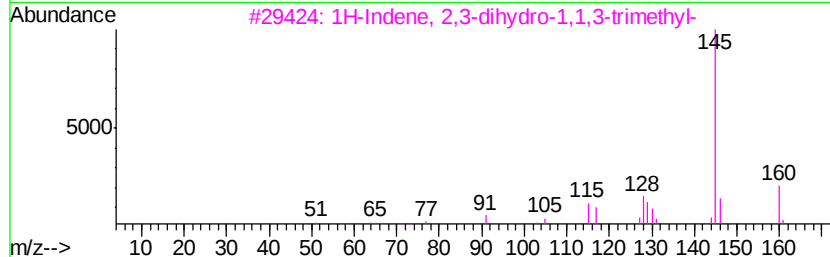
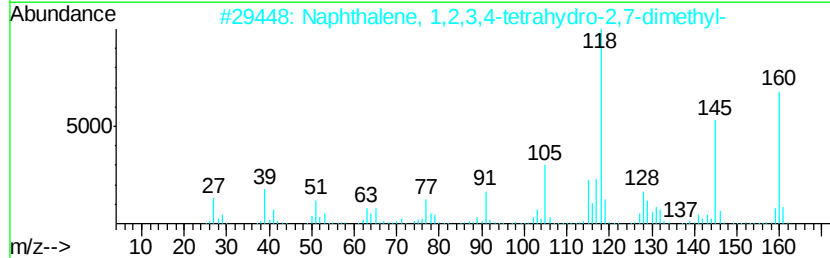
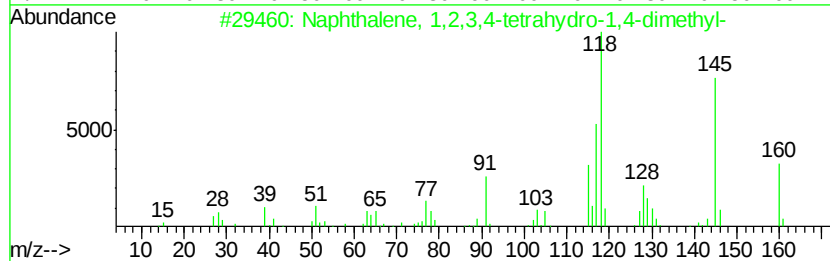
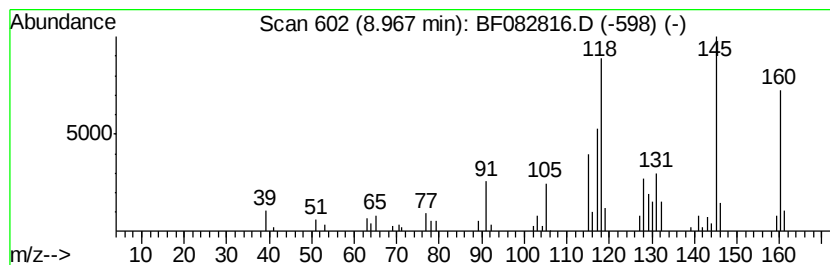
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,2,3,4-tetra... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	2.03 ng	186771	Naphthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	98
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	93
3		1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	91
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	70
5		Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082816.D
Acq On : 8 Nov 2015 2:05
Operator : UM/IZ
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ClientSampleId :
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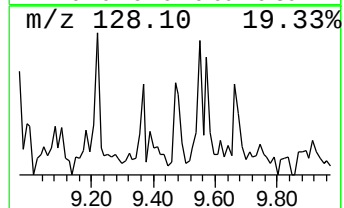
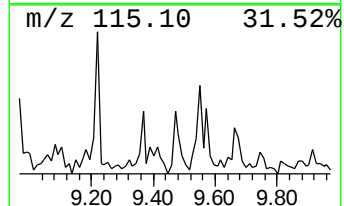
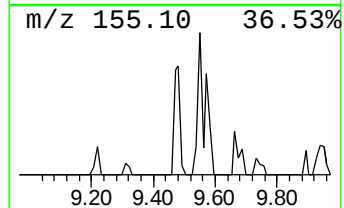
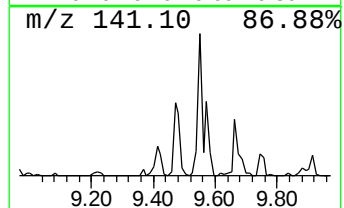
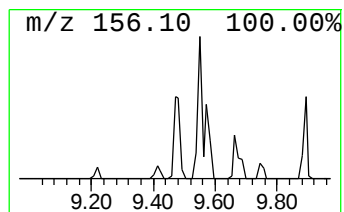
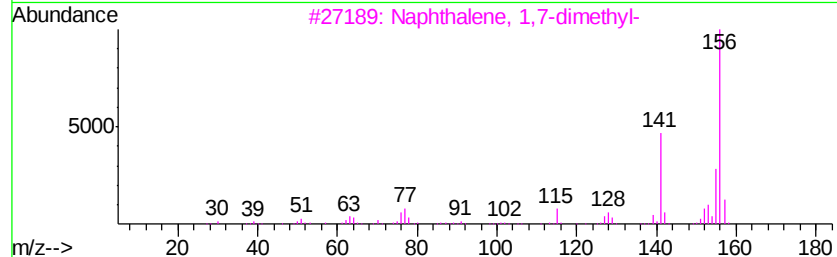
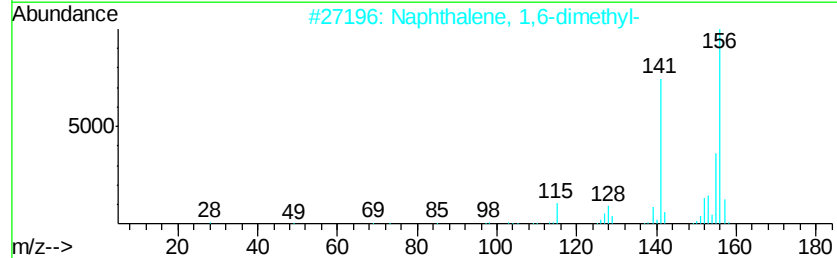
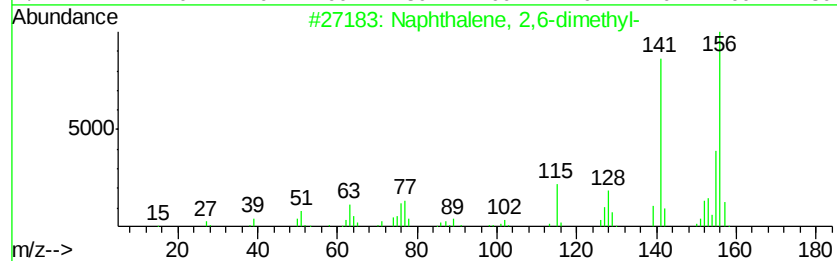
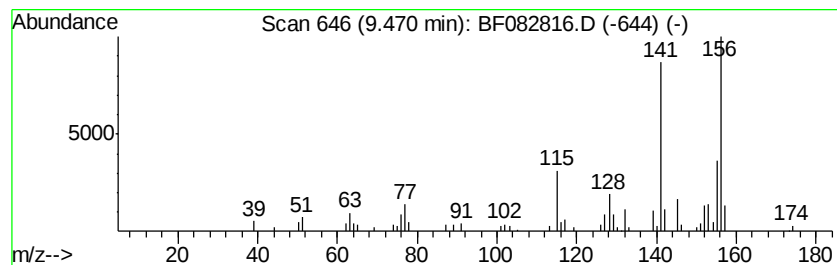
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	2.17 ng	111083	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
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Acq On : 8 Nov 2015 2:05
Operator : UM/IZ
Sample : G4282-07
Misc :
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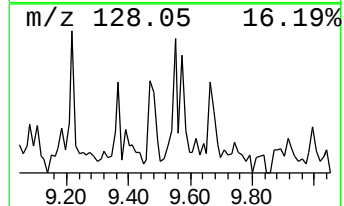
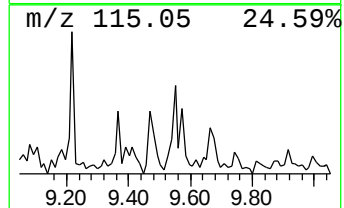
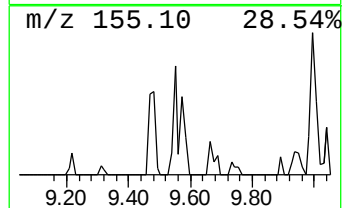
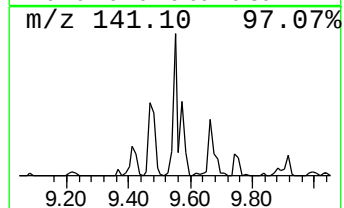
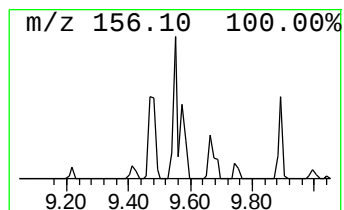
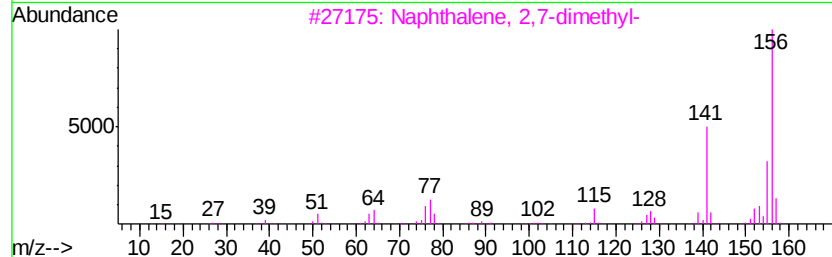
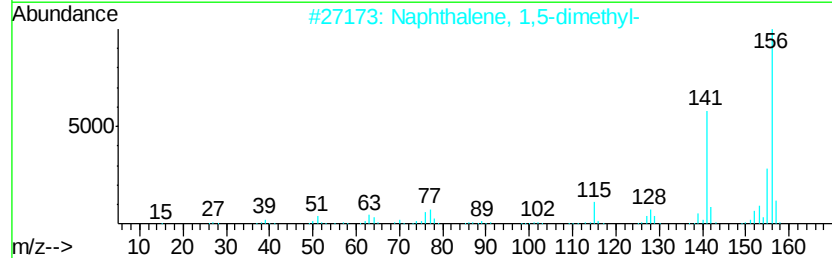
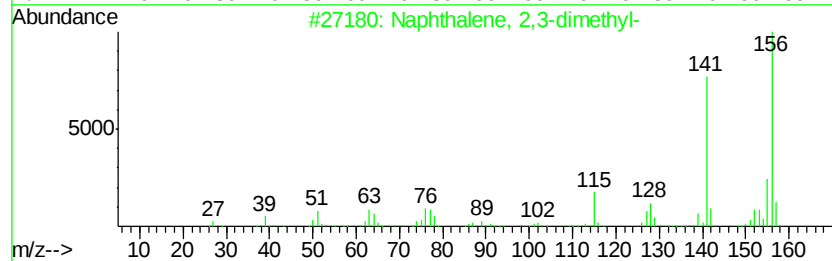
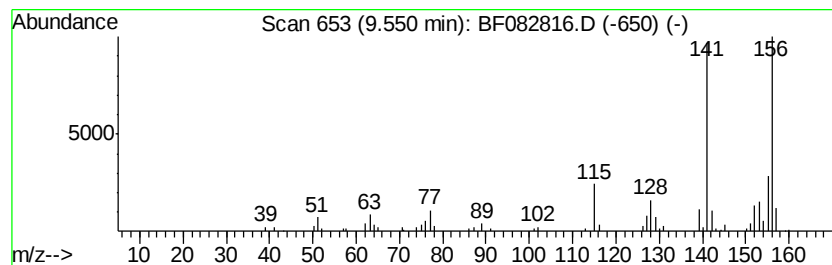
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	2.59 ng	133018	Acenaphthene-d10	9.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 96
3		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 95
4		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 95
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
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Acq On : 8 Nov 2015 2:05
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Sample : G4282-07
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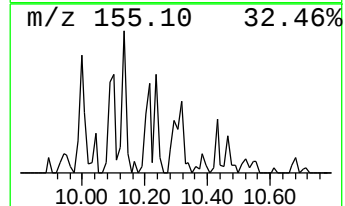
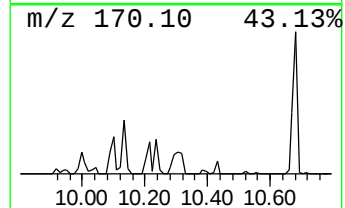
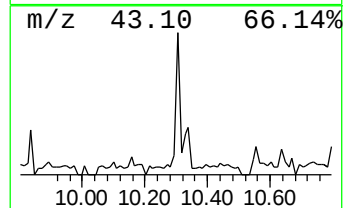
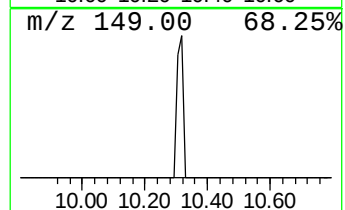
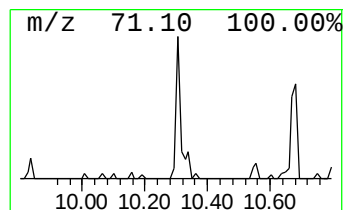
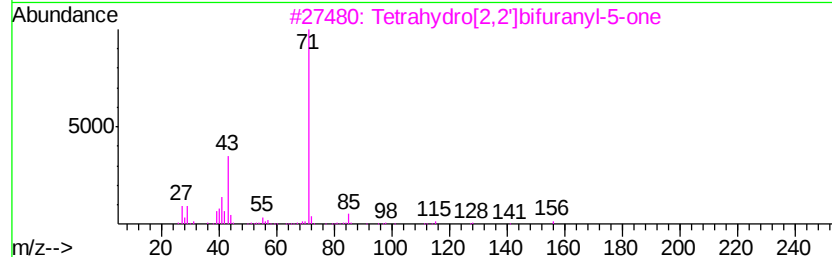
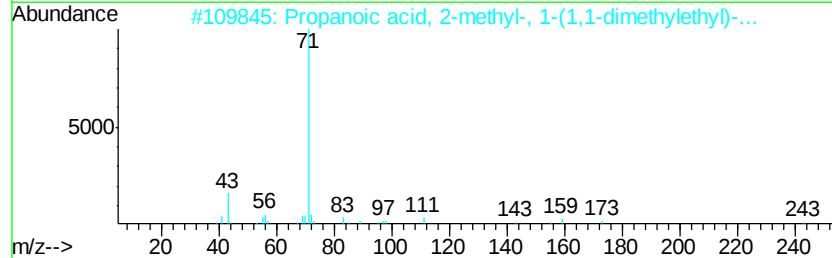
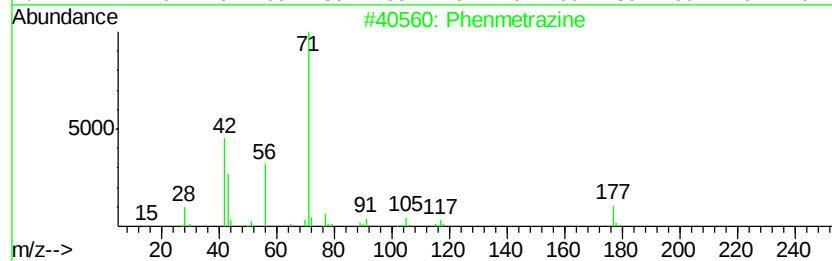
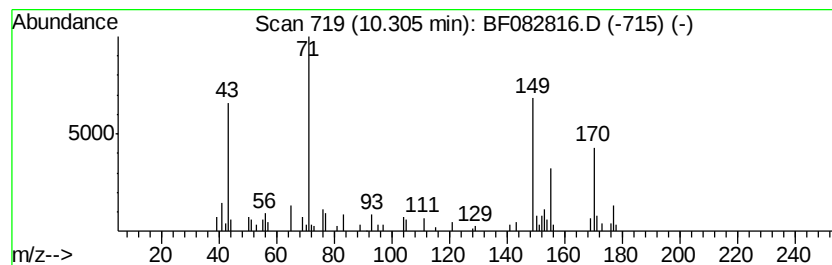
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenmetrazine Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	2.26 ng	115833	Acenaphthene-d10	9.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Phenmetrazine	177 C11H15NO	000134-49-6	27
2	Propanoic acid, 2-methyl-, 1-(1,...	286 C16H30O4	074381-40-1	22
3	Tetrahydro[2,2']bifuran-5-one	156 C8H12O3	019680-00-3	22
4	2-Furanmethanol, tetrahydro-	102 C5H10O2	000097-99-4	22
5	Ethane-1,1-diol dibutanoate	202 C10H18O4	025572-25-2	12



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
Data File : BF082816.D
Acq On : 8 Nov 2015 2:05
Operator : UM/IZ
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Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OCFUST-PIT-WATER

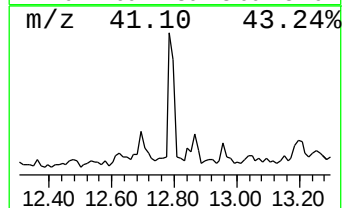
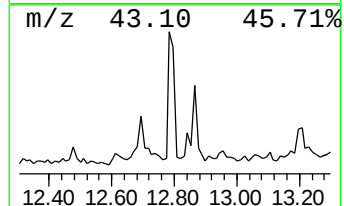
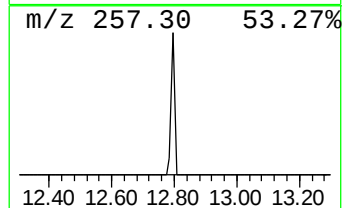
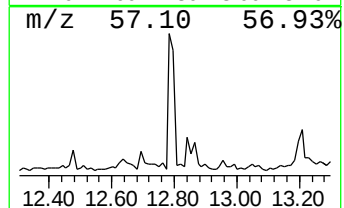
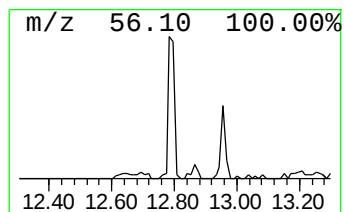
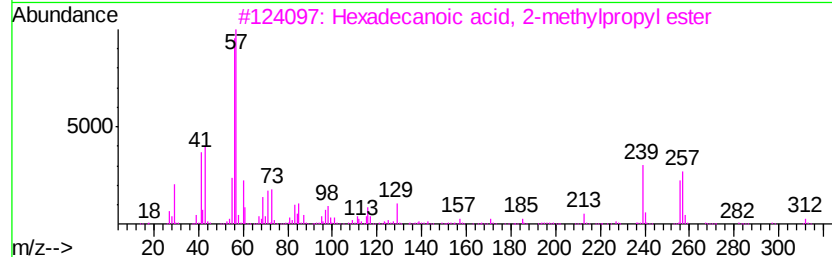
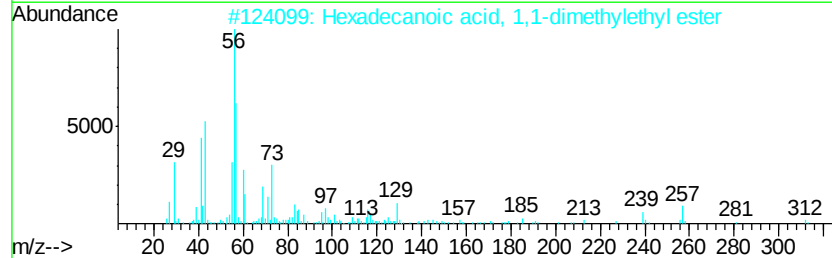
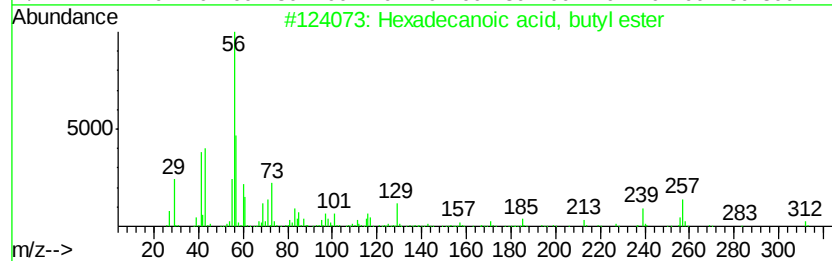
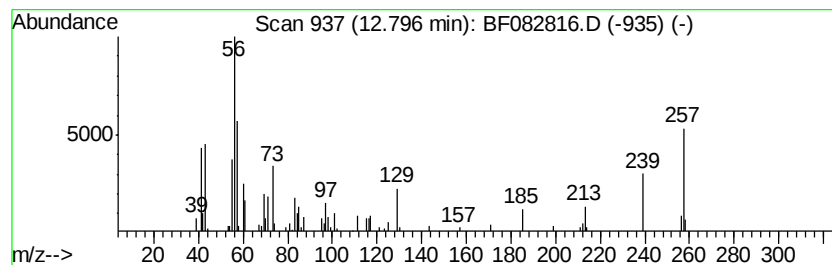
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecanoic acid, butyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	2.37 ng	133780	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	86
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	86
3		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	72
4		Nipecotic acid	129	C6H11NO2	000498-95-3	38
5		1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
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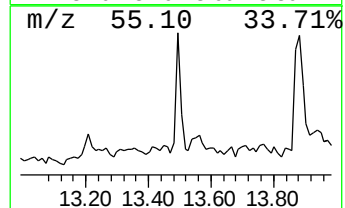
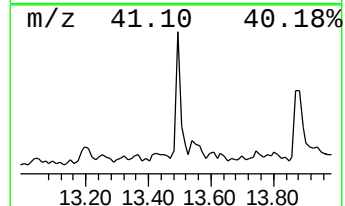
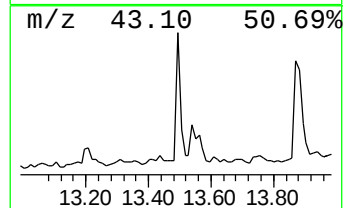
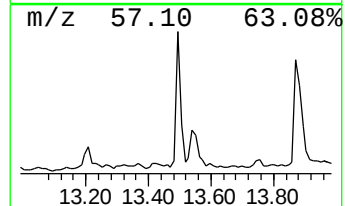
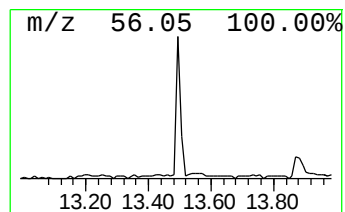
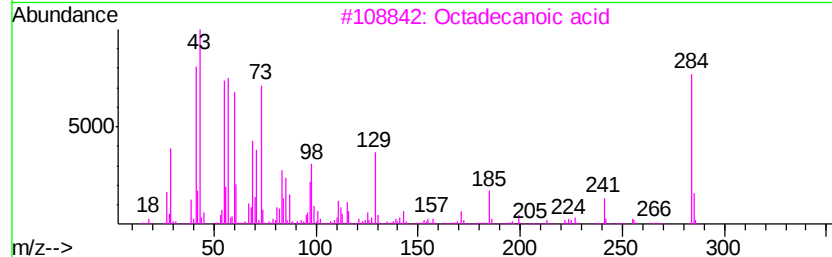
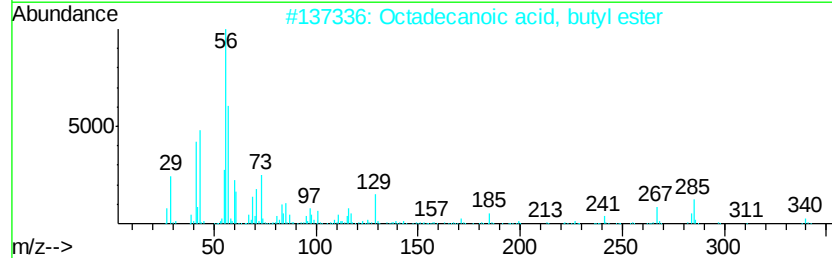
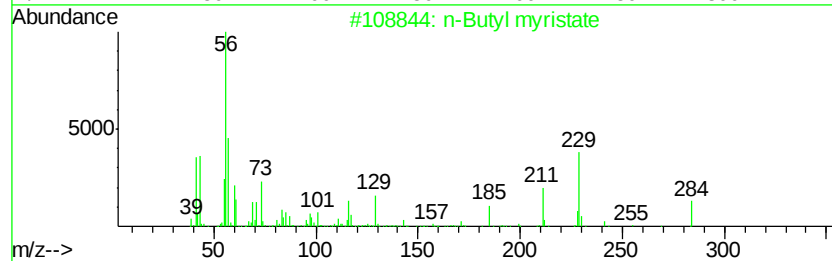
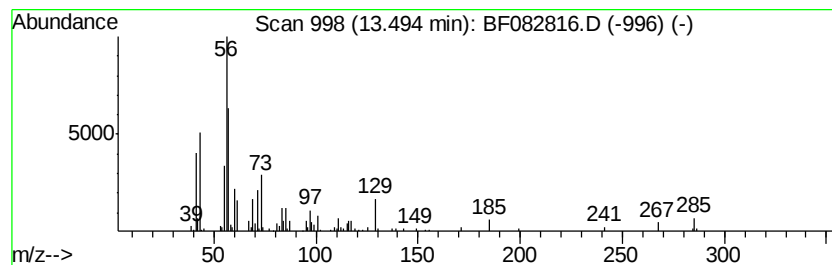
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 n-Butyl myristate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	2.62 ng	147627	Chrysene-d12	14.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Butyl myristate	284 C18H36O2	000110-36-1	80
2	Octadecanoic acid, butyl ester	340 C22H44O2	000123-95-5	72
3	Octadecanoic acid	284 C18H36O2	000057-11-4	41
4	2-Methyl-1-octadecene	266 C19H38	061868-20-0	38
5	Cyclobutane, 1,1-dimethyl-2-octyl-	196 C14H28	062338-30-1	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082816.D
Acq On : 8 Nov 2015 2:05
Operator : UM/IZ
Sample : G4282-07
Misc :
ALS Vial : 52 Sample Multiplier: 1

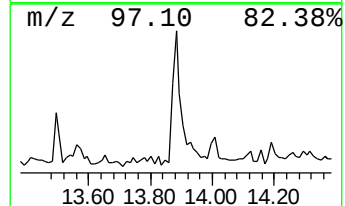
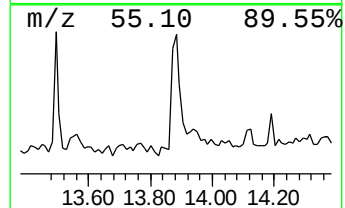
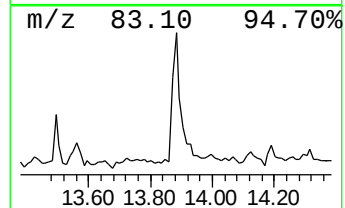
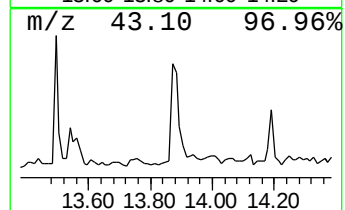
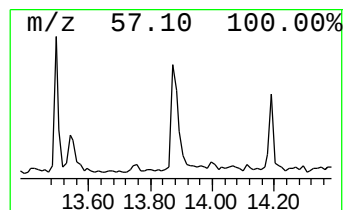
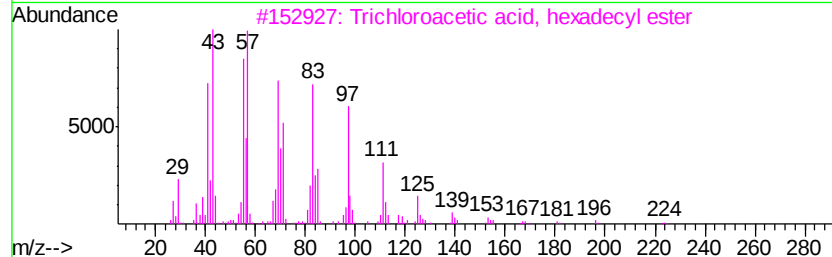
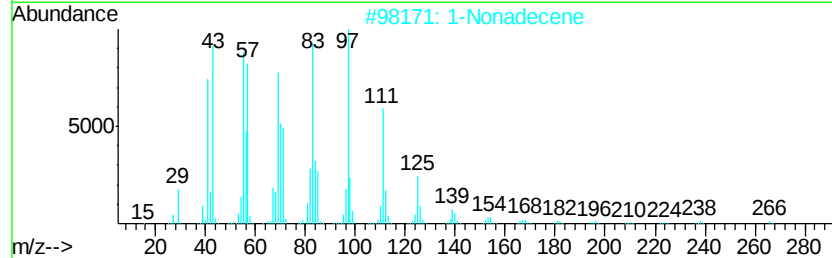
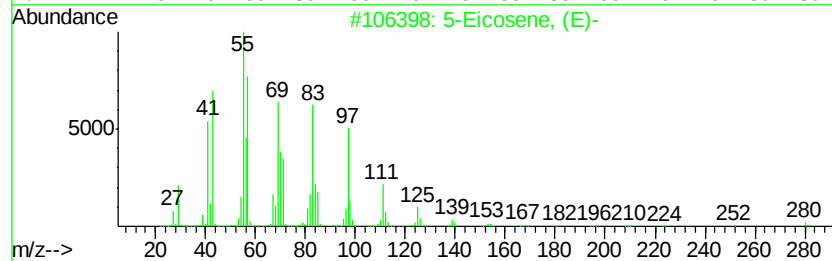
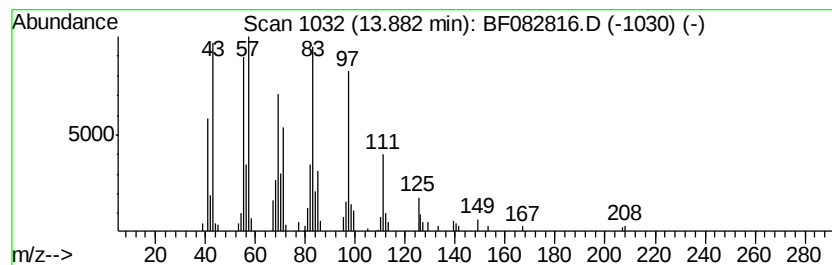
Instrument :
BNA_F
ClientSampleId :
OCFUST-PIT-WATER

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	3.07 ng	173249	Chrysene-d12	14.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	5-Eicosene, (E)-	280 C20H40	074685-30-6	87
2	1-Nonadecene	266 C19H38	018435-45-5	68
3	Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1	64
4	Trichloroacetic acid, pentadecyl...	372 C17H31Cl3O2	074339-53-0	58
5	4,4-Dimethylpent-2-enal	112 C7H12O	1000195-01-6	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
 Data File : BF082816.D
 Acq On : 8 Nov 2015 2:05
 Operator : UM/IZ
 Sample : G4282-07
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OCFUST-PIT-WATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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
2-Pentanone, 4-hy...	5.02	15.9	ng	1074430	1	6.85	1349400	20.0
unknown6.62	6.62	81.2	ng	5475380	1	6.85	1349400	20.0
Benzene, 1,2-diet...	7.17	2.4	ng	160177	1	6.85	1349400	20.0
Benzene, (2-methy...	7.79	2.2	ng	203795	2	8.13	1836400	20.0
1,3-Cyclopentadie...	7.88	3.0	ng	276120	2	8.13	1836400	20.0
Naphthalene, 1,2,...	8.97	2.0	ng	186771	2	8.13	1836400	20.0
Naphthalene, 2,6-...	9.47	2.2	ng	111083	3	9.89	1025670	20.0
Naphthalene, 2,3-...	9.55	2.6	ng	133018	3	9.89	1025670	20.0
Phenmetrazine	10.30	2.3	ng	115833	3	9.89	1025670	20.0
Hexadecanoic acid...	12.80	2.4	ng	133780	5	14.01	1128390	20.0
n-Butyl myristate	13.49	2.6	ng	147627	5	14.01	1128390	20.0
5-Eicosene, (E)-	13.88	3.1	ng	173249	5	14.01	1128390	20.0