

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
 Data File : BF080819.D
 Acq On : 4 Aug 2015 00:37
 Operator : TP
 Sample : G3083-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8536

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-BF080315.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.373	198	200	203	rVB	110384	142620	1.53%	0.095%
2	5.013	253	256	259	rBV	1280814	1321809	14.17%	0.877%
3	6.773	408	410	412	rBV	1374119	1214993	13.02%	0.806%
4	6.830	413	415	418	rBV	1140004	1005453	10.78%	0.667%
5	6.990	426	429	433	rVB2	3544643	4658480	49.93%	3.089%
6	7.116	437	440	442	rBV	1085669	1467070	15.73%	0.973%
7	7.242	448	451	454	rBV	1190621	1702397	18.25%	1.129%
8	7.345	458	460	462	rVV	2065800	2105728	22.57%	1.396%
9	7.425	462	467	469	rVB2	4198757	7760755	83.19%	5.146%
10	7.653	484	487	489	rBV	2593200	2340231	25.08%	1.552%
11	7.870	503	506	509	rBV	3226324	4796273	51.41%	3.181%
12	8.065	519	523	525	rBV	4993173	5456424	58.49%	3.618%
13	8.145	525	530	532	rBV2	4555430	6030173	64.64%	3.999%
14	8.259	537	540	543	rVB	2226236	2012085	21.57%	1.334%
15	8.979	601	603	606	rBV	1986273	2449025	26.25%	1.624%
16	9.196	618	622	624	rBV	4900135	5048826	54.12%	3.348%
17	9.448	641	644	646	rBV	1132994	944799	10.13%	0.627%
18	9.596	652	657	659	rBV	3834543	4404188	47.21%	2.921%
19	9.665	659	663	665	rVB	2380416	2463631	26.41%	1.634%
20	9.733	665	669	672	rBV	5735406	6505273	69.73%	4.314%
21	9.871	678	681	682	rBV	1260051	1387226	14.87%	0.920%
22	9.905	682	684	687	rVB	5904323	6808761	72.98%	4.515%
23	10.076	696	699	701	rBV	4104994	3806288	40.80%	2.524%
24	10.419	726	729	731	rVB	8505278	9324639	99.95%	6.184%
25	10.522	736	738	741	rVV	3058392	3441253	36.89%	2.282%
26	11.345	808	810	812	rBV	1177663	981964	10.53%	0.651%
27	11.436	814	818	820	rBV	5327929	7365611	78.95%	4.884%
28	11.916	858	860	862	rVB	2434744	2040920	21.88%	1.353%
29	12.042	869	871	873	rVB	270386	221865	2.38%	0.147%
30	12.156	877	881	884	rBV2	67913	114369	1.23%	0.076%
31	12.694	926	928	930	rBV	1827649	1750334	18.76%	1.161%
32	12.785	933	936	938	rBV	3152456	2831104	30.35%	1.877%
33	12.934	946	949	951	rBV	4558560	4135093	44.32%	2.742%
34	13.414	988	991	994	rBV	4861329	4577369	49.06%	3.035%

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Integration Parameters: rteint.p
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Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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35	13.905	1033	1034	1035	rBV	106441	113316	1.21%	0.075%
36	13.939	1035	1037	1038	rVV	1105901	991020	10.62%	0.657%
37	13.974	1038	1040	1042	rVV2	3994155	5092204	54.58%	3.377%
38	14.020	1042	1044	1046	rVB	5349005	6028775	64.62%	3.998%
39	14.591	1091	1094	1096	rBV	4030799	5374794	57.61%	3.564%
40	14.991	1126	1129	1130	rBV	1800461	2110754	22.63%	1.400%
41	15.025	1130	1132	1135	rVB	3011232	3395385	36.40%	2.252%
42	15.345	1156	1160	1162	rBV	2997313	4584004	49.14%	3.040%
43	15.391	1162	1164	1167	rVB	496588	618640	6.63%	0.410%
44	16.808	1279	1288	1291	rBV2	2832765	9329226	100.00%	6.187%
45	17.174	1316	1320	1327	rBV	285742	543372	5.82%	0.360%

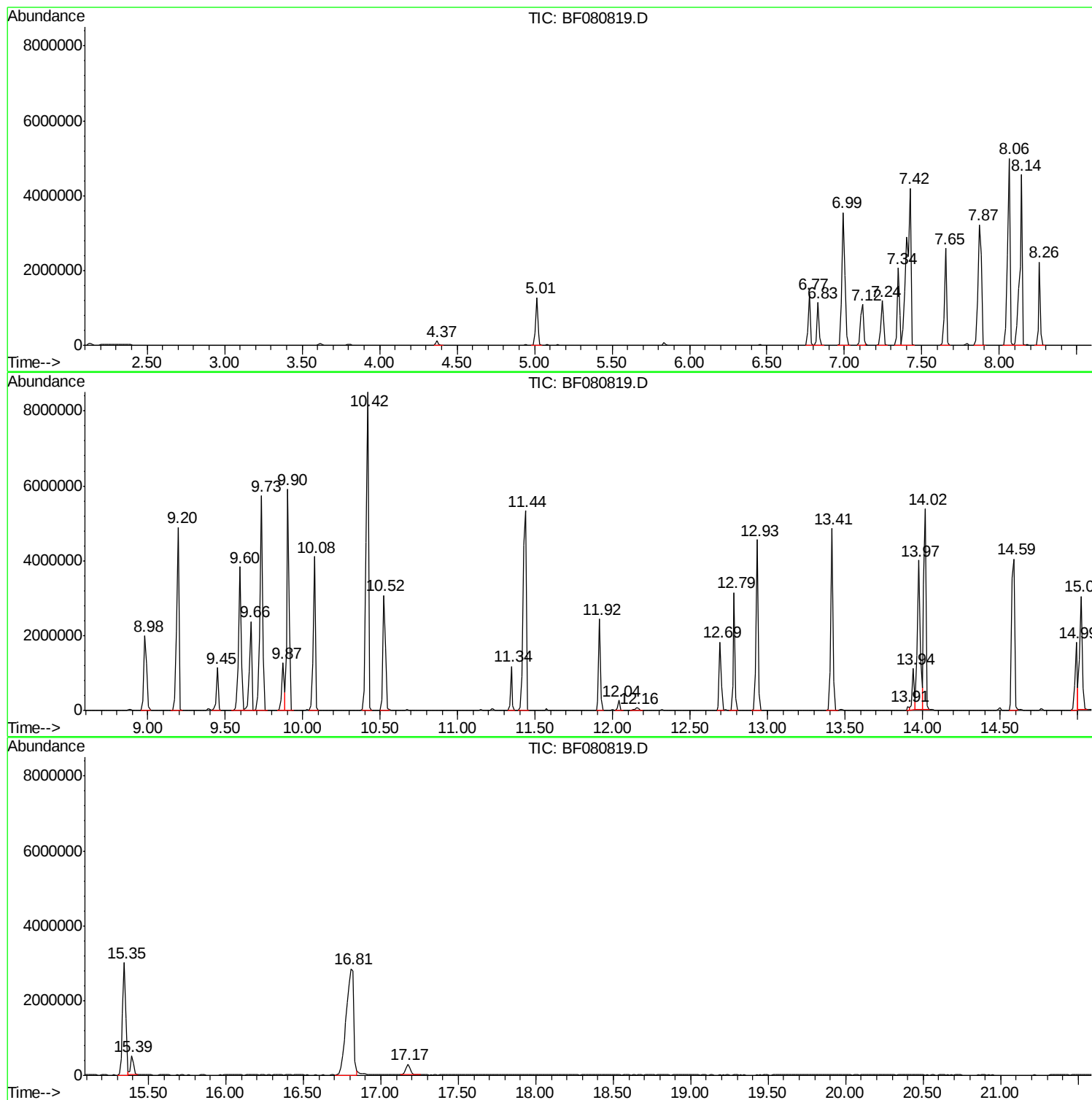
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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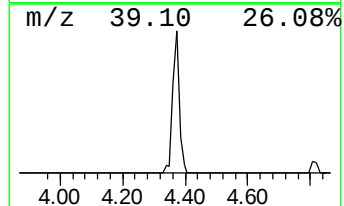
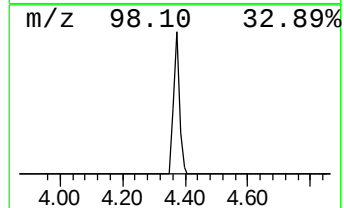
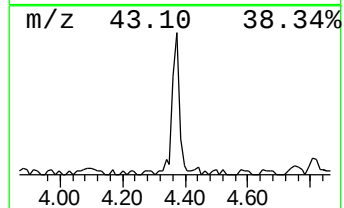
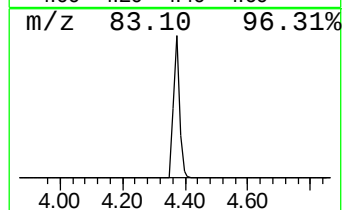
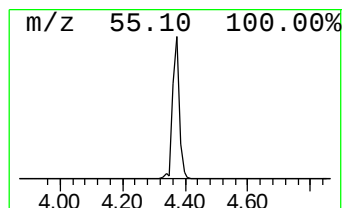
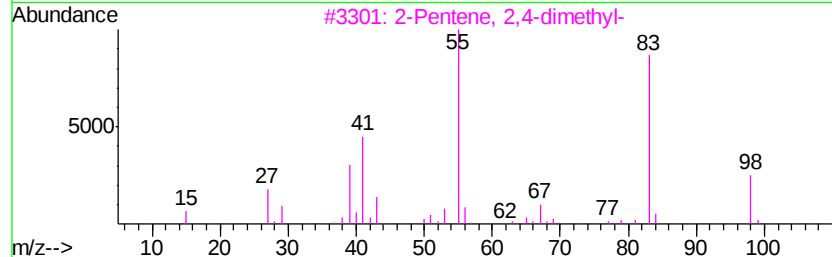
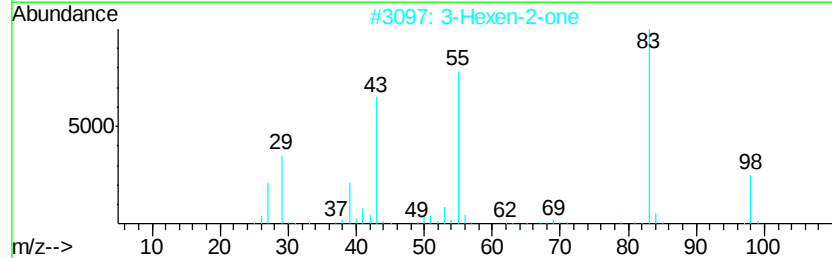
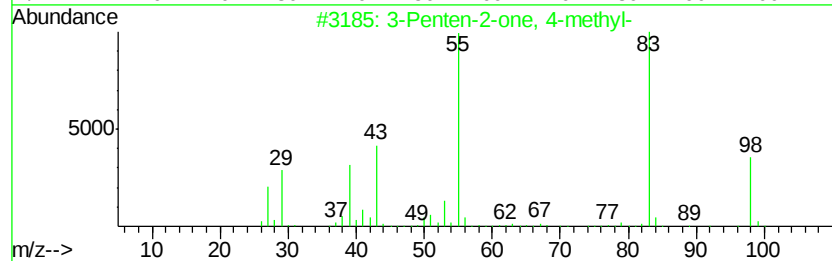
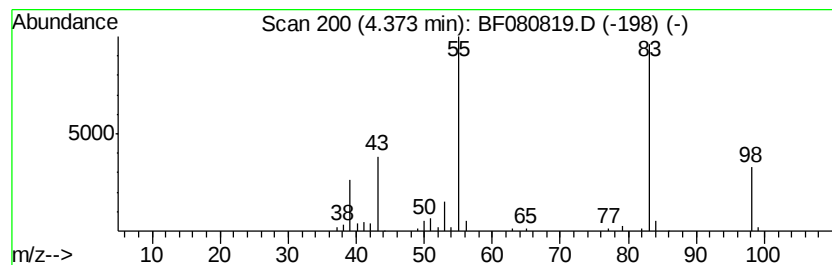
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	2.84 ng	142620	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2			3-Hexen-2-one	98	C6H10O	000763-93-9	90
3			2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
4			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	78
5			2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	72



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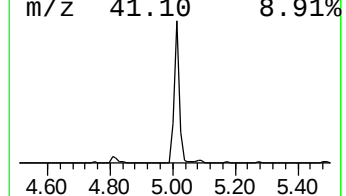
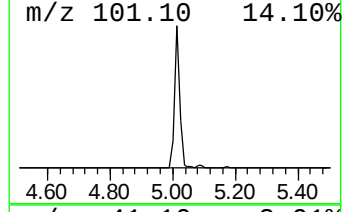
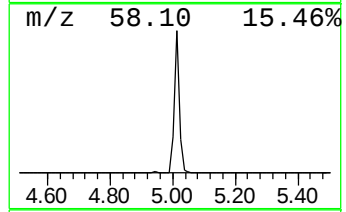
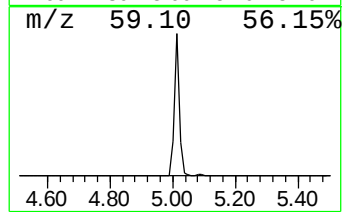
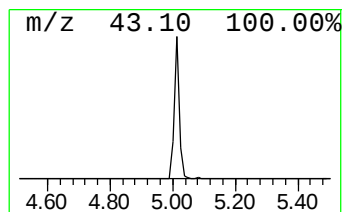
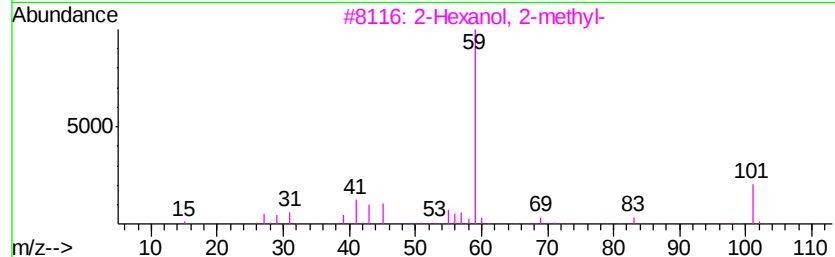
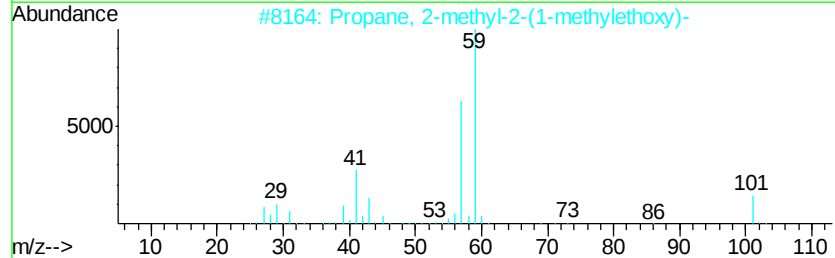
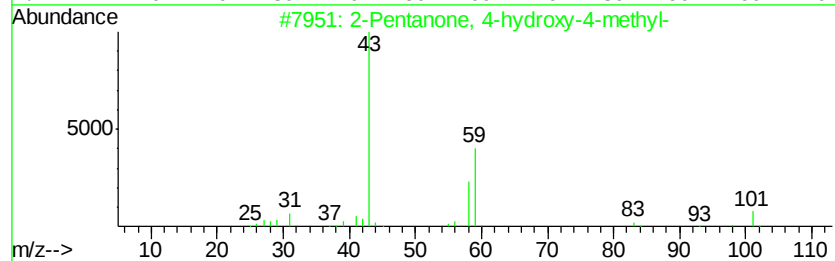
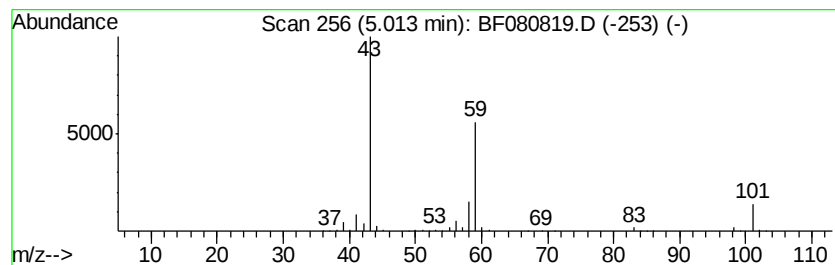
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	26.29 ng	1321810	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	50
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



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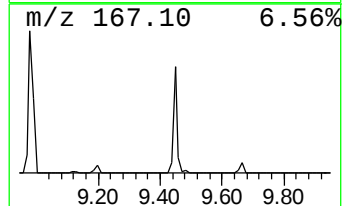
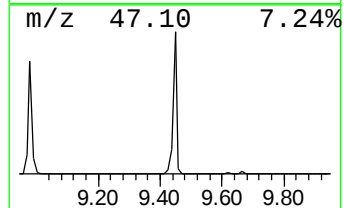
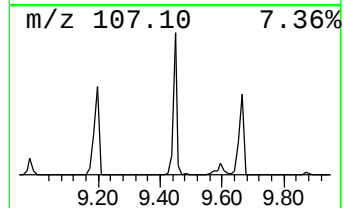
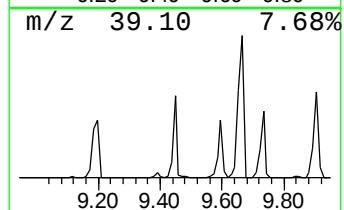
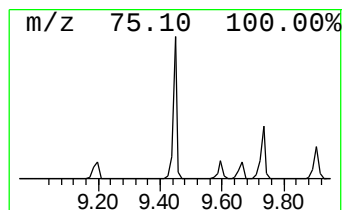
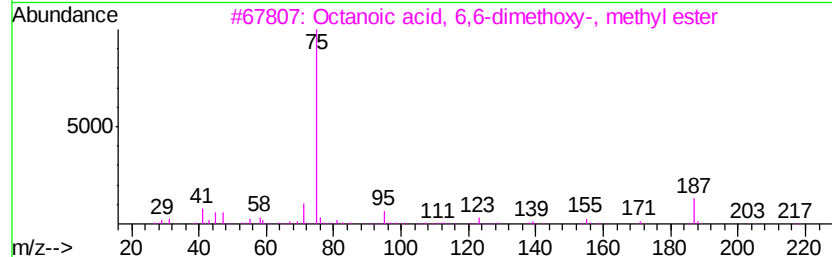
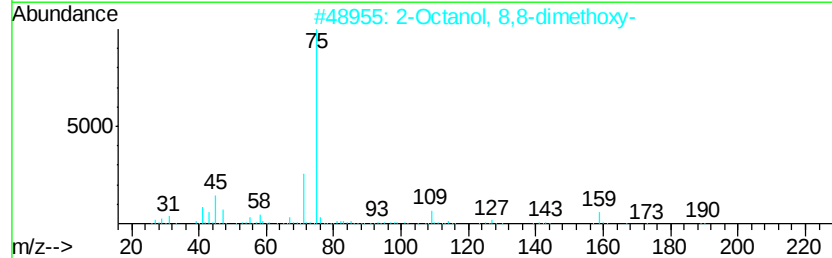
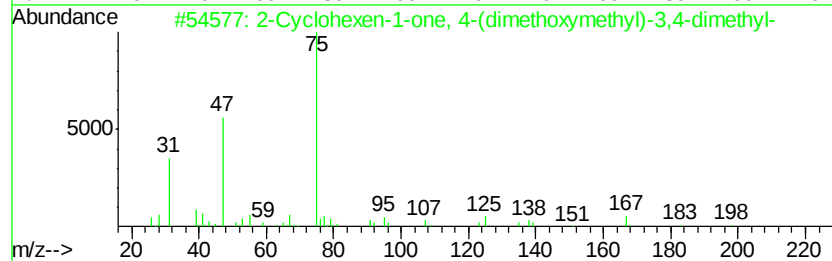
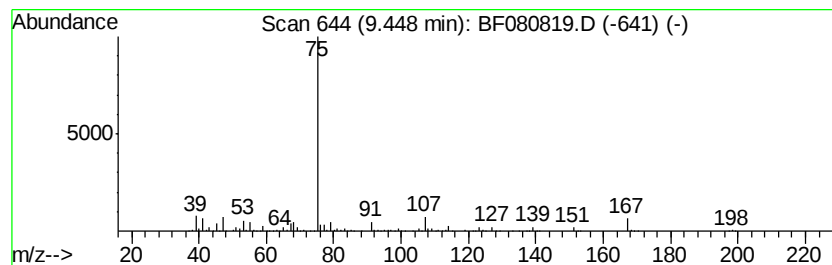
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Cyclohexen-1-one, 4-(dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	13.62 ng	944799	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Cyclohexen-1-one, 4-(dimethoxy...	198	C11H18O3	054710-15-5	72
2		2-Octanol, 8,8-dimethoxy-	190	C10H22O3	312305-55-8	56
3		Octanoic acid, 6,6-dimethoxy-, m...	218	C11H22O4	065157-89-3	50
4		2-Cyclopentenecarboxylic acid, 5...	230	C11H18O5	1000141-74-5	40
5		Benzene, (2,2-dimethoxyethoxy)-	182	C10H14O3	067874-68-4	40



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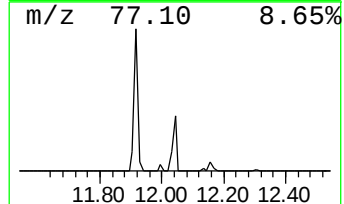
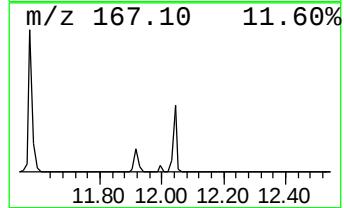
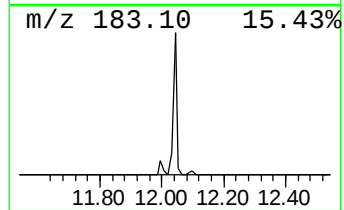
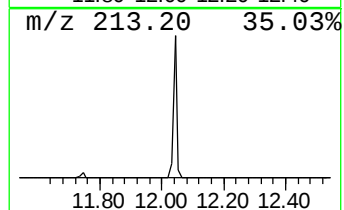
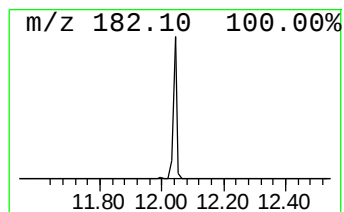
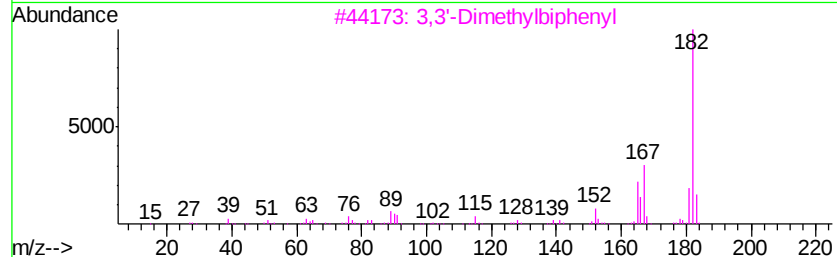
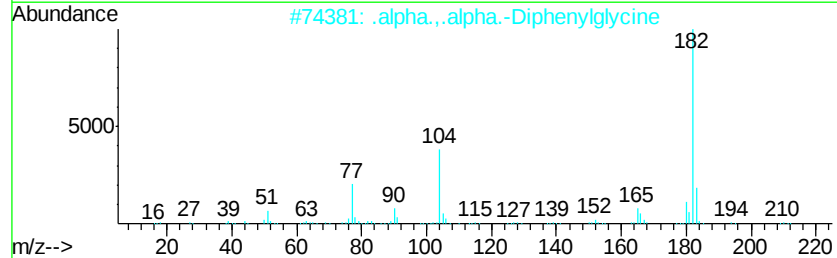
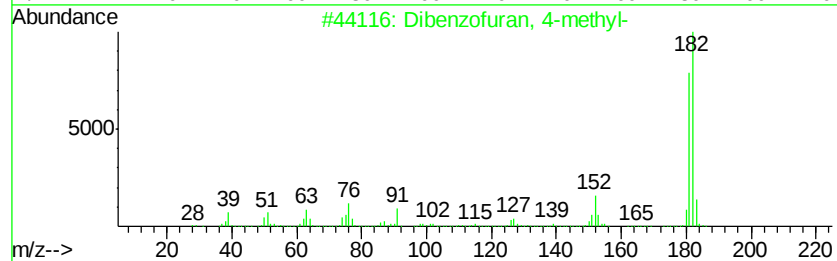
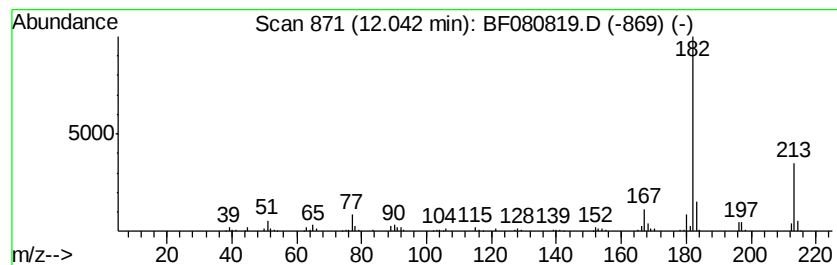
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 unknown12.04 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	4.52 ng	221865	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	40
2		.alpha.,.alpha.-Diphenylglycine	227	C14H13NO2	003060-50-2	40
3		3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	40
4		2'-Methoxydihydro-2-stilbazole	213	C14H15NO	058246-69-8	38
5		2-Nitro-5-aminobenzoic acid	182	C7H6N2O4	013280-60-9	37



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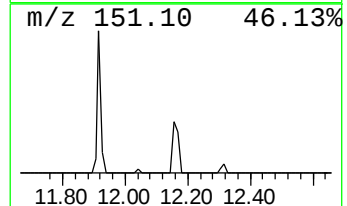
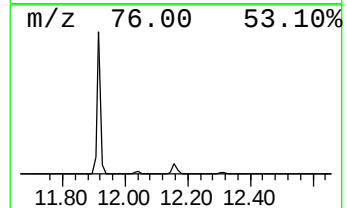
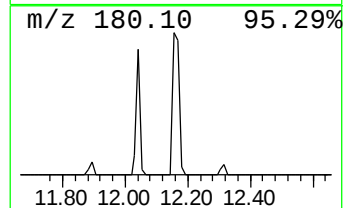
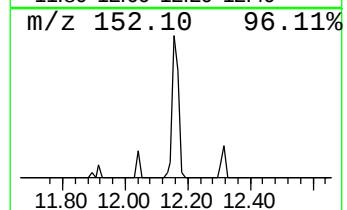
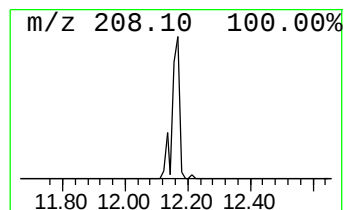
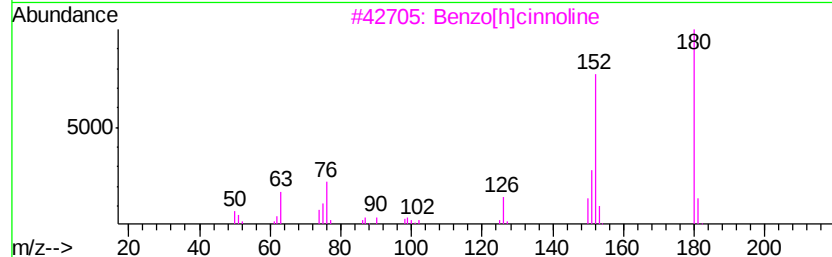
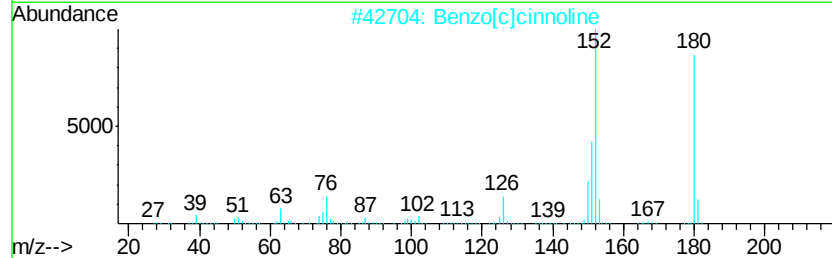
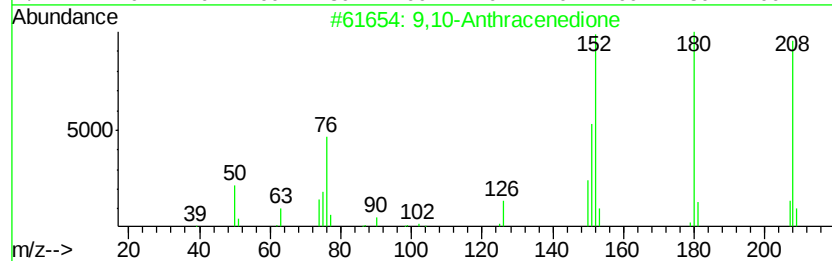
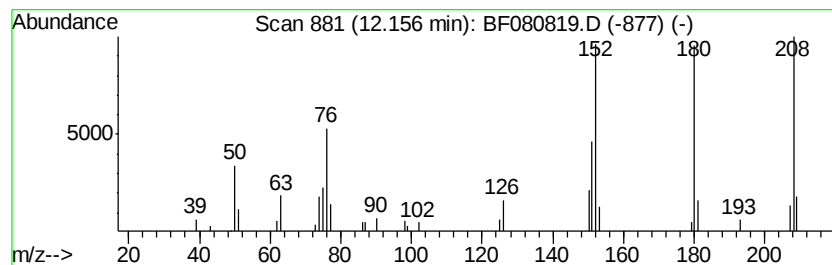
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	2.33 ng	114369	Phenanthrene-d10	11.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
3		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87
4		9H-Fluoren-9-one	180	C13H8O	000486-25-9	86
5		1H-Phenalen-1-one	180	C13H8O	000548-39-0	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
Data File : BF080819.D
Acq On : 4 Aug 2015 00:37
Operator : TP
Sample : G3083-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

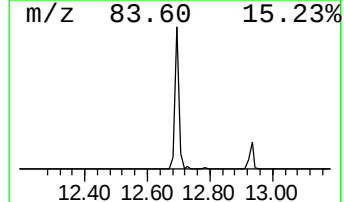
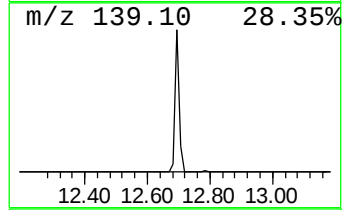
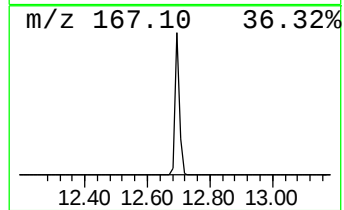
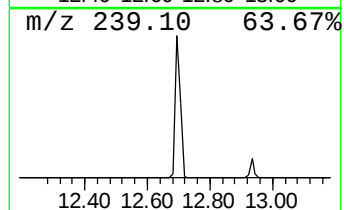
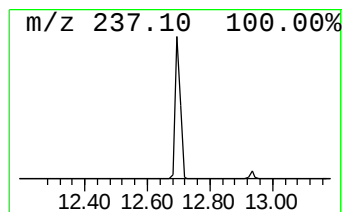
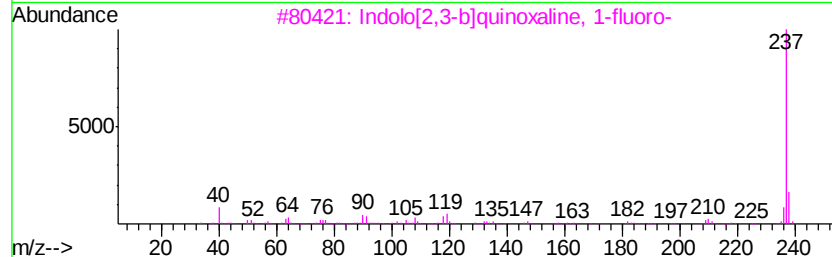
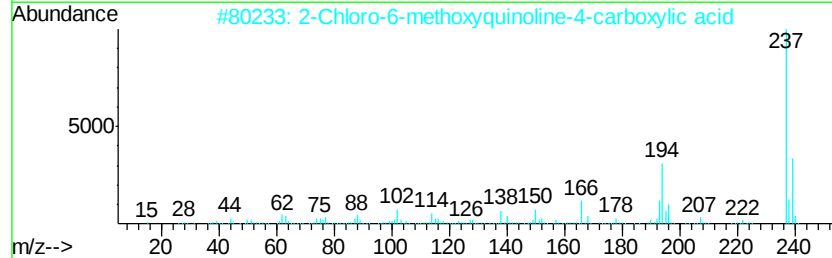
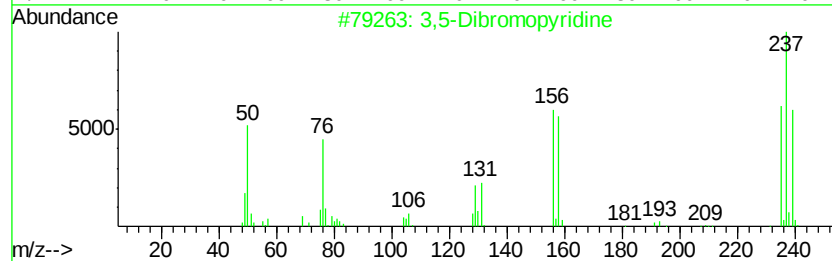
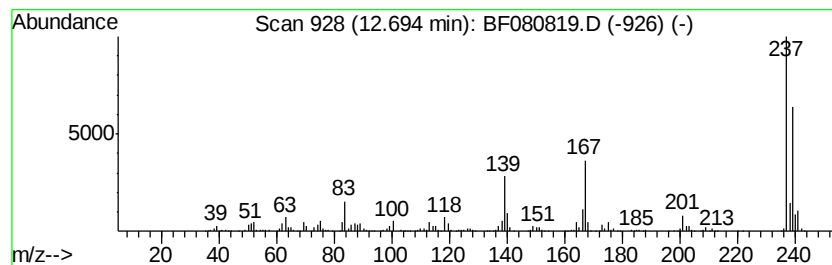
Instrument :
BNA_F
ClientSampleId :
8536

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 3,5-Dibromopyridine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.69	6.87 ng	1750330	Chrysene-d12	13.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3,5-Dibromopyridine	235	C5H3Br2N	000625-92-3	50
2		2-Chloro-6-methoxyquinoline-4-ca...	237	C11H8ClN03	020335-34-6	47
3		Indolo[2,3-b]quinoxaline, 1-fluoro-	237	C14H8FN3	296244-71-8	35
4		Methanone, (3-chlorophenyl)(5-cy...	320	C17H21ClN2O2	337497-71-9	28
5		p,p-Bis(1-aziridinyl)-N-(p-tolyl...	237	C11H16N3OP	027824-40-4	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
Data File : BF080819.D
Acq On : 4 Aug 2015 00:37
Operator : TP
Sample : G3083-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8536

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.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
3-Penten-2-one, 4...	4.37	2.8	ng	142620	1	6.83	1005450	20.0
2-Pentanone, 4-hy...	5.01	26.3	ng	1321810	1	6.83	1005450	20.0
2-Cyclohexen-1-on...	9.45	13.6	ng	944799	3	9.87	1387230	20.0
unknown12.04	12.04	4.5	ng	221865	4	11.35	981964	20.0
9,10-Anthracenedione	12.16	2.3	ng	114369	4	11.35	981964	20.0
3,5-Dibromopyridine	12.69	6.9	ng	1750330	5	13.99	5092200	20.0