

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
 Data File : BM010010.D
 Acq On : 12 May 2017 06:29
 Operator : SJ/MA
 Sample : I3079-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LF001MW002-170509

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 M\METHODS\8270-BM051117.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	4.416	220	226	234	rBV	488038	707481	11.19%	2.461%
2	4.893	303	307	315	rBV	139645	210529	3.33%	0.732%
3	5.087	334	340	349	rBV	80845	124475	1.97%	0.433%
4	5.351	379	385	398	rVB	549464	870385	13.77%	3.028%
5	6.939	648	655	665	rBV	350412	607438	9.61%	2.113%
6	7.292	709	715	726	rBV	1097493	1768063	27.96%	6.150%
7	7.757	788	794	799	rBV	246826	410091	6.49%	1.427%
8	8.075	841	848	860	rBV	857881	1444189	22.84%	5.024%
9	8.933	987	994	1004	rBV	937692	1554049	24.58%	5.406%
10	10.557	1263	1270	1283	rBV	319872	556068	8.79%	1.934%
11	13.027	1679	1690	1700	rBV2	2276963	4465798	70.63%	15.535%
12	13.874	1828	1834	1839	rBV	60645	87067	1.38%	0.303%
13	14.415	1919	1926	1934	rVB2	490477	797877	12.62%	2.776%
14	15.915	2174	2181	2194	rBV	2122251	3225504	51.02%	11.220%
15	16.139	2214	2219	2224	rVB	189164	285308	4.51%	0.992%
16	16.456	2269	2273	2277	rVB2	102996	141886	2.24%	0.494%
17	17.168	2388	2394	2404	rBV	746358	1082736	17.12%	3.766%
18	18.315	2585	2589	2592	rVB5	67064	83973	1.33%	0.292%
19	18.362	2592	2597	2602	rVB2	127803	181264	2.87%	0.631%
20	18.562	2625	2631	2640	rBV3	295870	541225	8.56%	1.883%
21	18.739	2653	2661	2668	rBV10	32055	74352	1.18%	0.259%
22	19.262	2746	2750	2757	rVB3	60235	85531	1.35%	0.298%
23	19.327	2757	2761	2766	rBV6	42126	79275	1.25%	0.276%
24	19.568	2797	2802	2807	rBV2	172602	252606	4.00%	0.879%
25	19.797	2835	2841	2851	rBV	5018150	6322612	100.00%	21.994%
26	20.721	2994	2998	3001	rBV5	50658	75798	1.20%	0.264%
27	21.044	3049	3053	3062	rVB4	107216	136839	2.16%	0.476%
28	21.356	3101	3106	3112	rBV	1121271	1420144	22.46%	4.940%
29	23.650	3490	3496	3506	rVB	601273	1154344	18.26%	4.016%

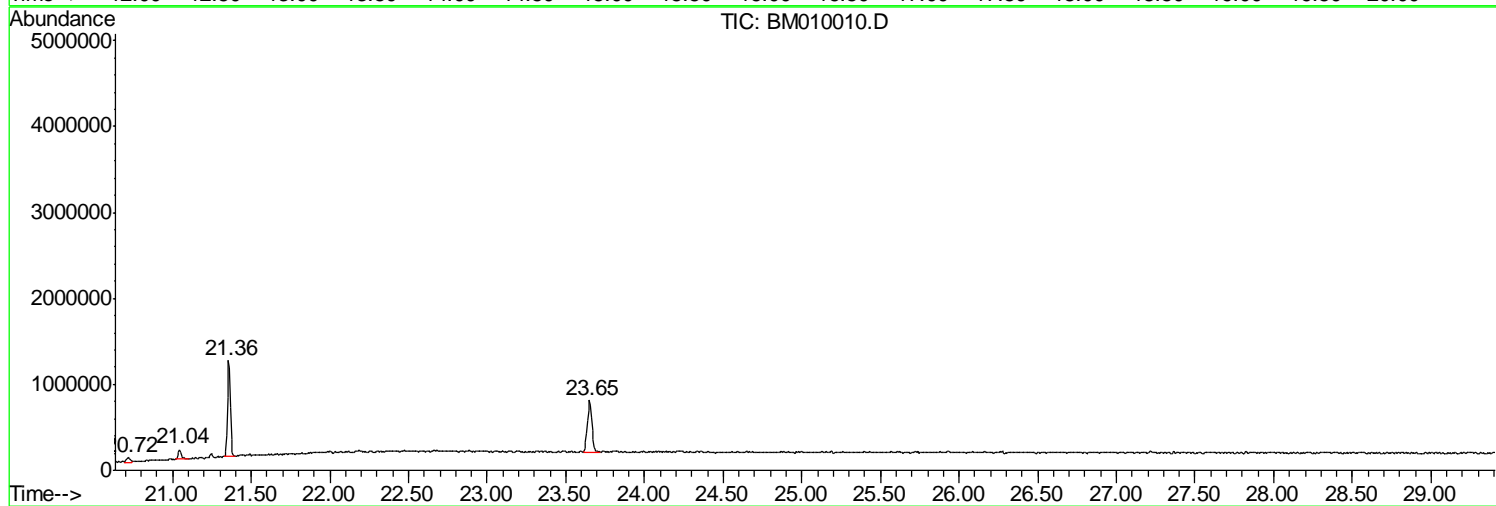
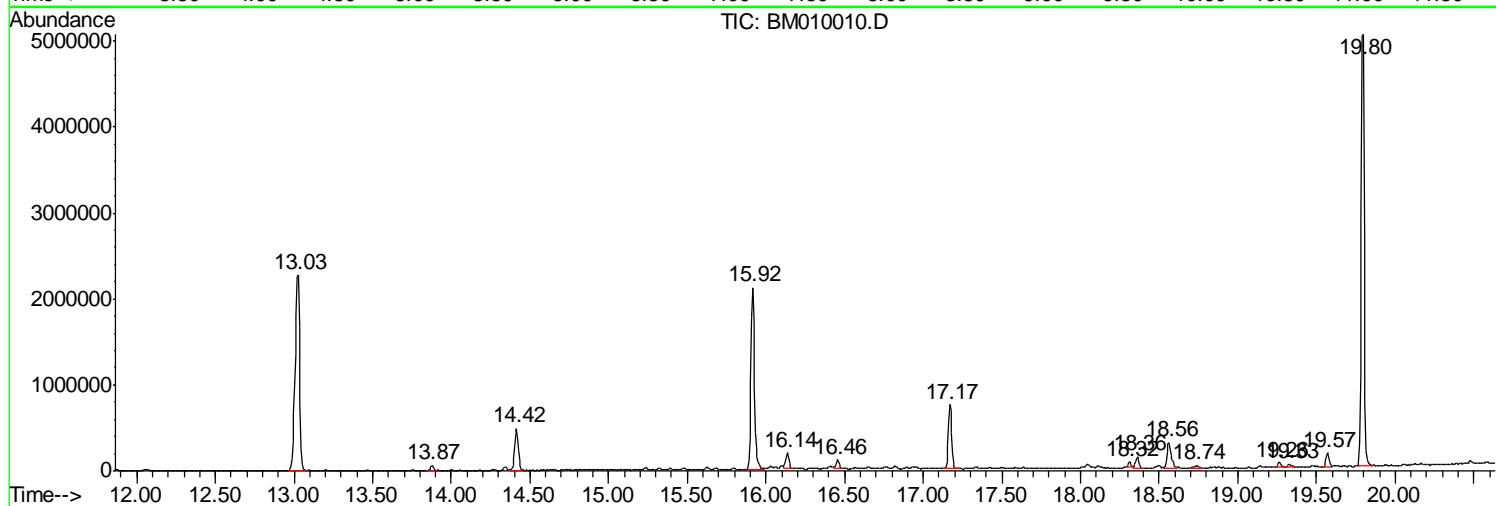
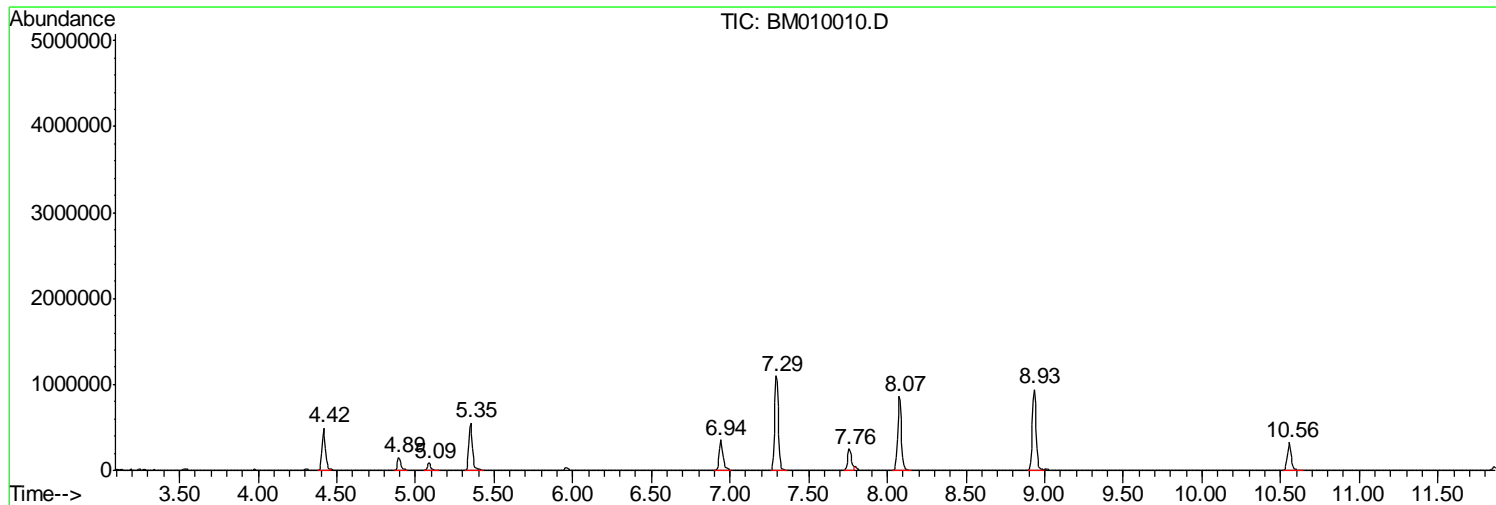
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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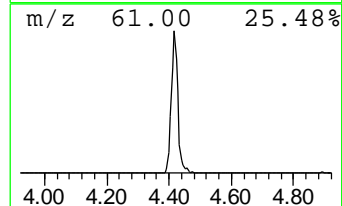
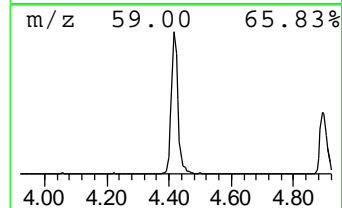
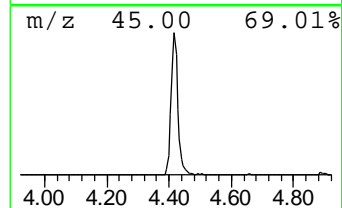
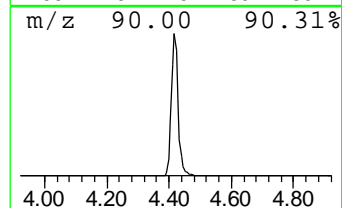
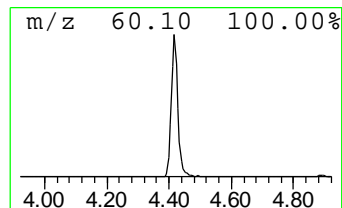
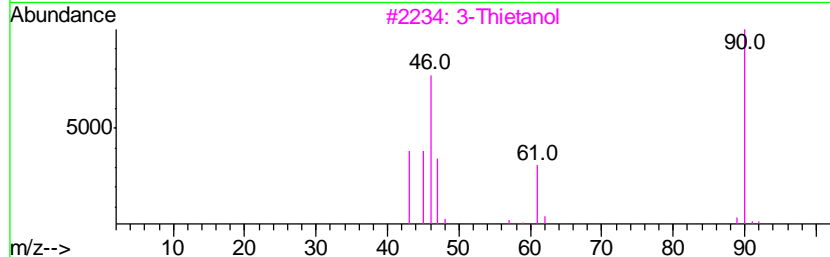
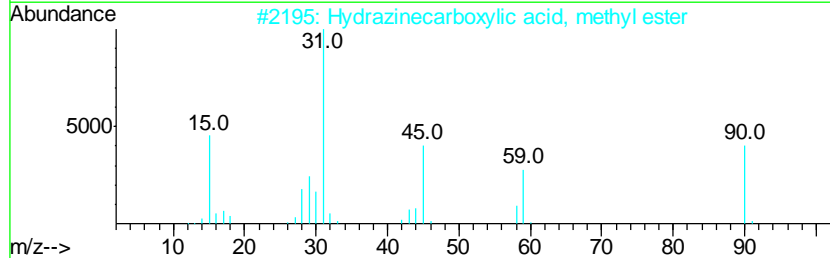
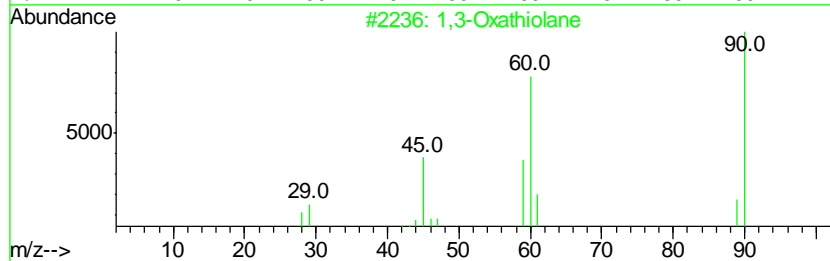
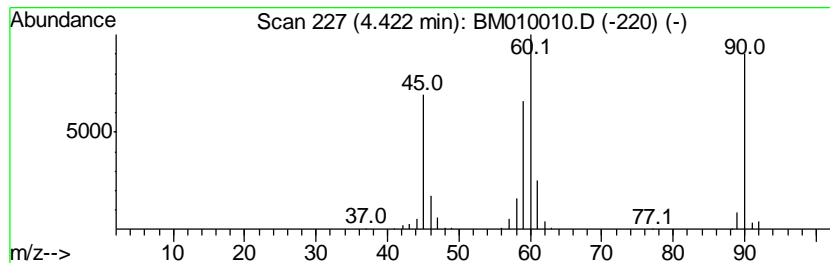
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TIC Library : C:\DATABASE\NIST02.L
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 Peak Number 1 1,3-Oxathiolane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.42	34.50 ng	707481	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Oxathiolane	90	C3H6OS	002094-97-5	74
2		Hydrazinecarboxylic acid, methyl...	90	C2H6N2O2	006294-89-9	59
3		3-Thietanol	90	C3H6OS	010304-16-2	40
4		Acrolein, 2-chloro-	90	C3H3ClO	000683-51-2	38
5		Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	9



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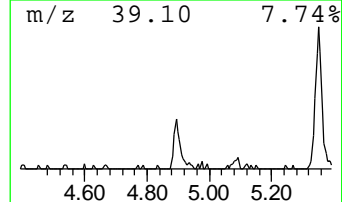
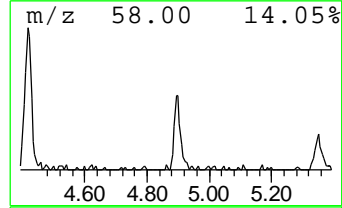
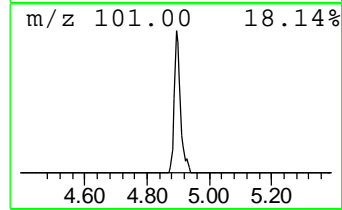
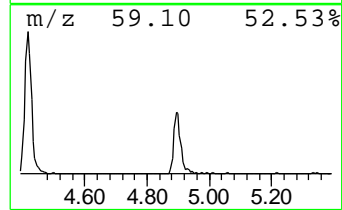
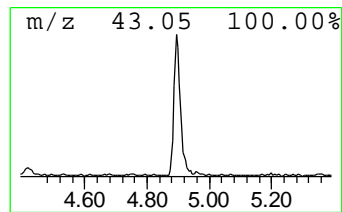
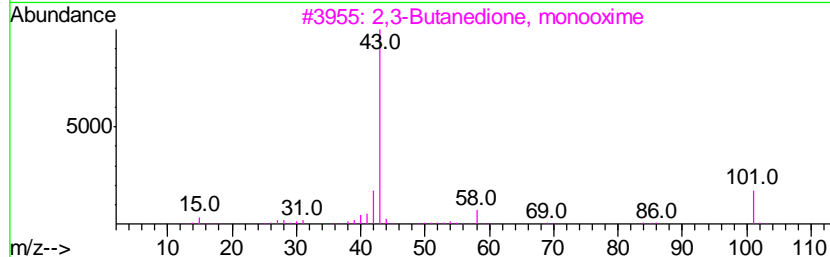
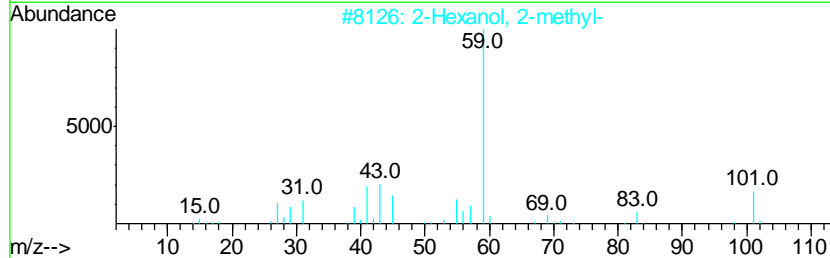
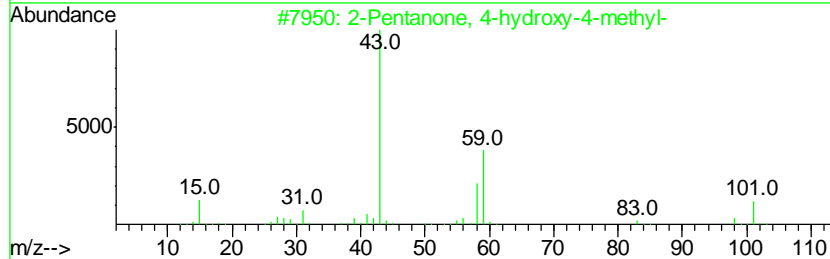
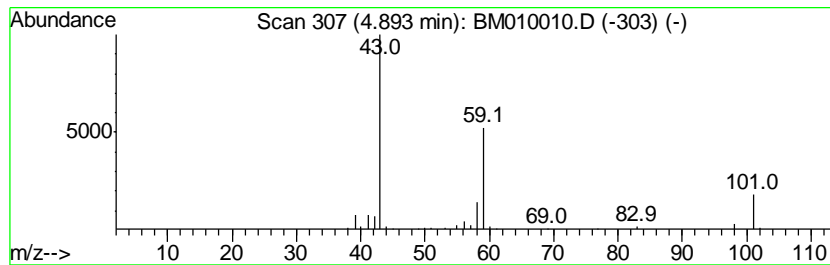
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 Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	10.27 ng	210529	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4		Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
5		Butane	58	C4H10	000106-97-8	9



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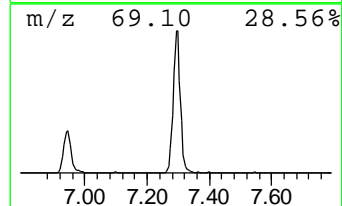
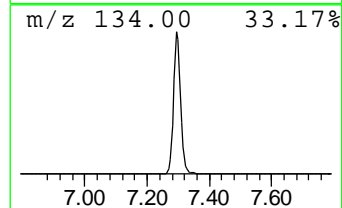
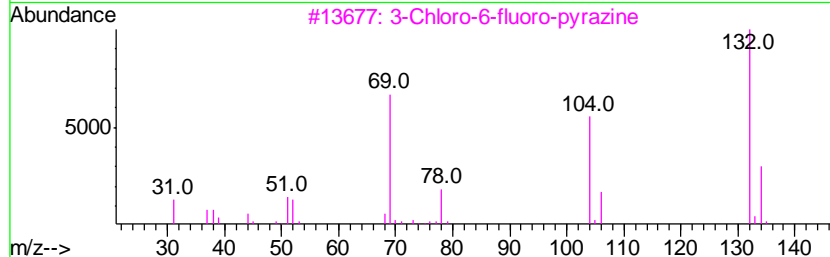
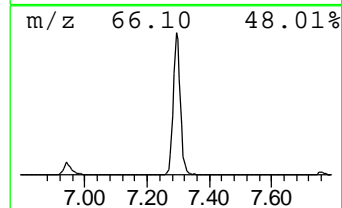
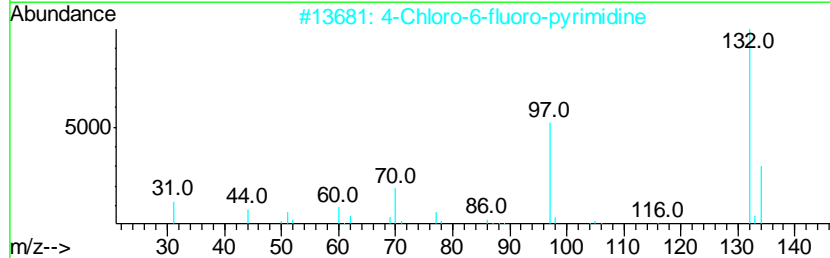
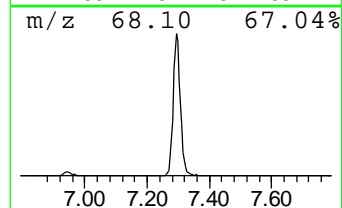
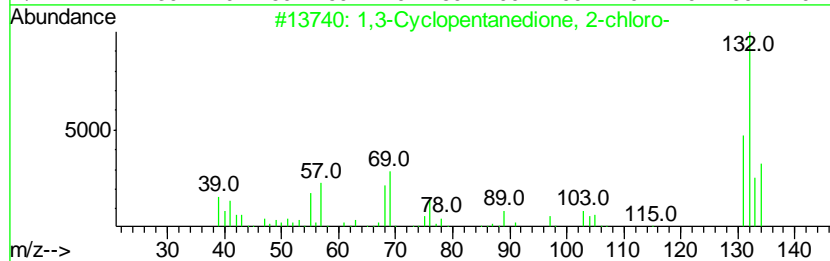
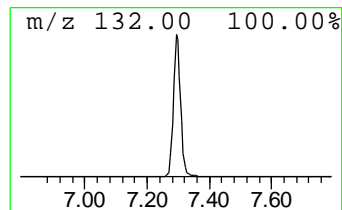
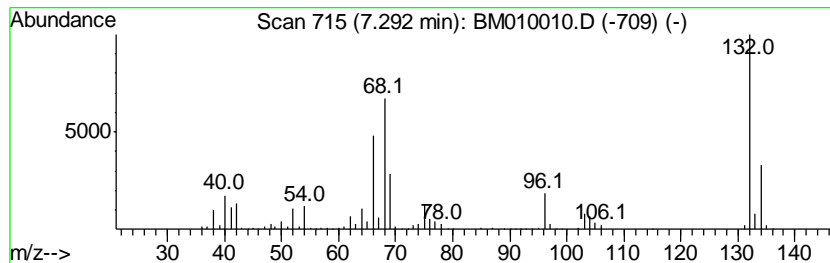
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 Peak Number 4 unknown7.29 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	86.23 ng	1768060	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
5		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14



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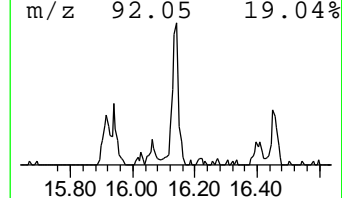
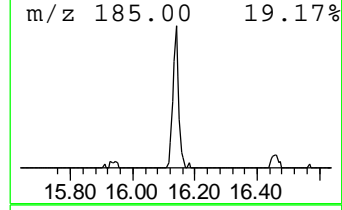
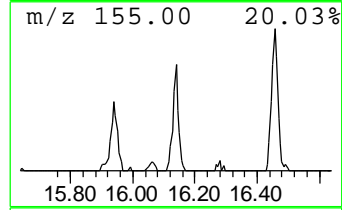
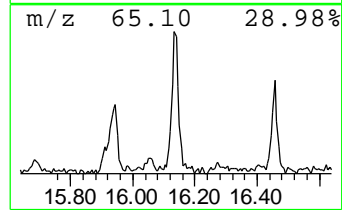
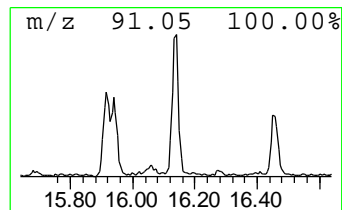
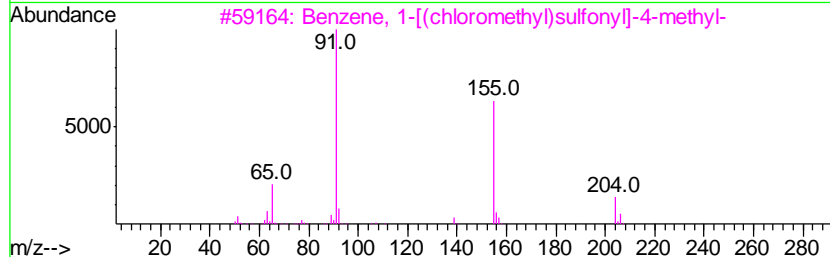
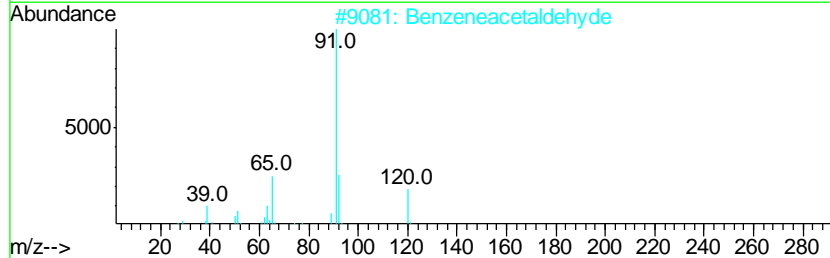
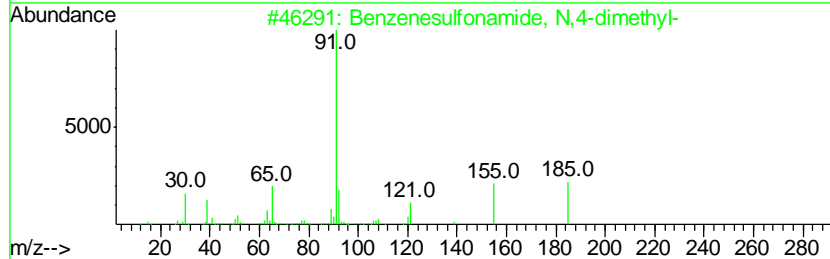
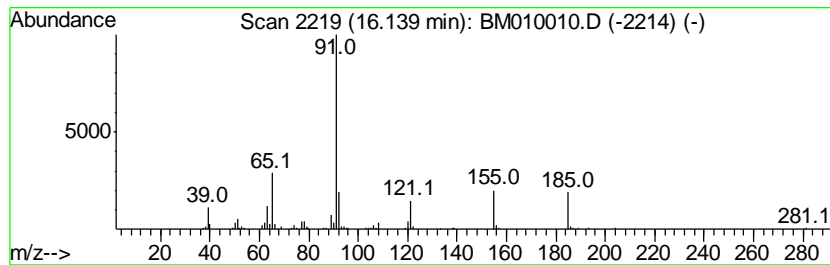
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 Peak Number 6 Benzenesulfonamide, N,4-dim... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	5.27 ng	285308	Phenanthrene-d10	17.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	87
2		Benzeneacetaldehyde	120	C8H8O	000122-78-1	55
3		Benzene, 1-[(chloromethyl)sulfon...	204	C8H9ClO2S	007569-26-8	49
4		(2S)-Glycidyl tosylate	228	C10H12O4S	070987-78-9	47
5		(O-p-Tosylisonitroso)malononitrile	249	C10H7N3O3S	020893-01-0	43



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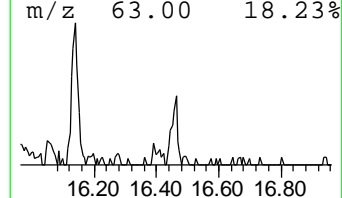
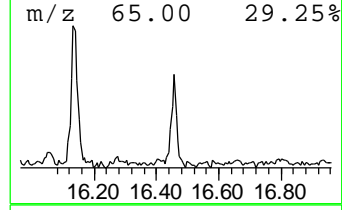
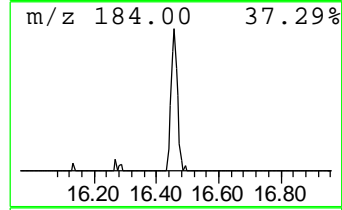
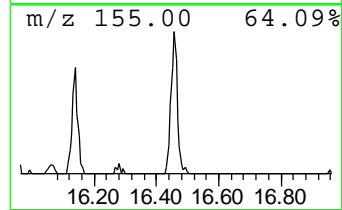
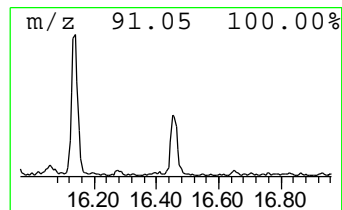
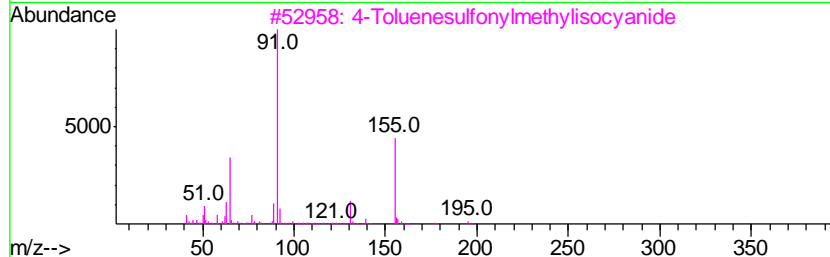
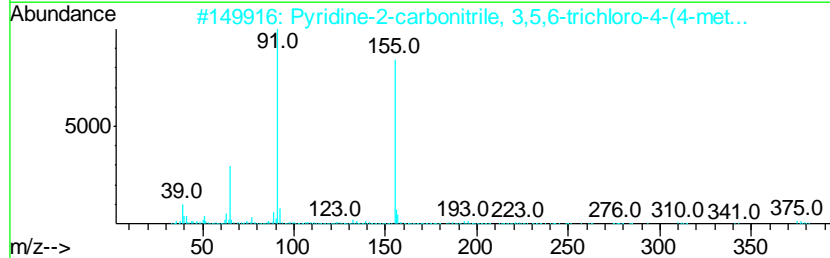
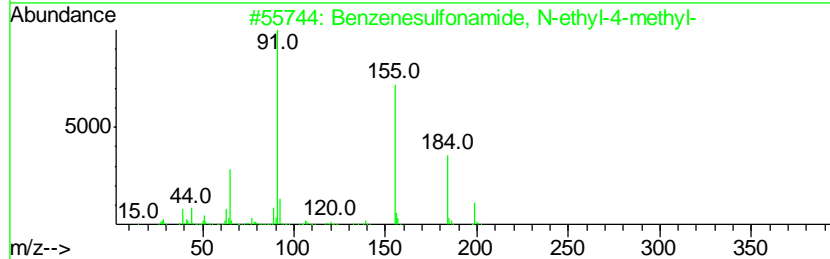
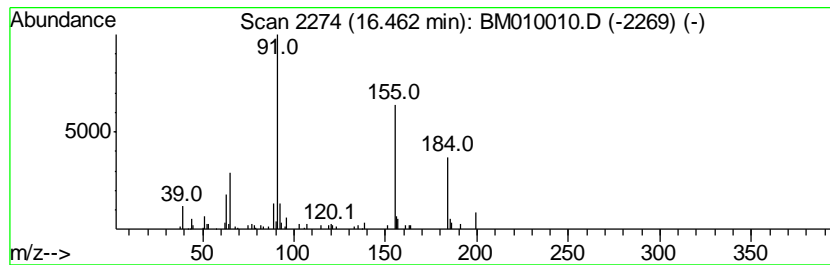
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 Peak Number 7 Benzenesulfonamide, N-ethyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	2.62 ng	141886	Phenanthrene-d10	17.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenesulfonamide, N-ethyl-4-me...	199	C9H13NO2S	000080-39-7	86
2		Pyridine-2-carbonitrile, 3,5,6-t...	375	C13H8Cl3N3O2S	255713-77-0	64
3		4-Toluenesulfonylmethylisocyanide	195	C9H9NO2S	036635-61-7	64
4		Ethyl(E/Z)-.alpha.-cyano-4-nitro...	416	C19H16N2O7S	1000287-26-8	64
5		p-Nitrothiophenol	155	C6H5NO2S	001849-36-1	50



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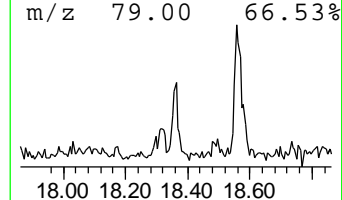
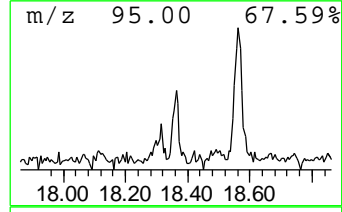
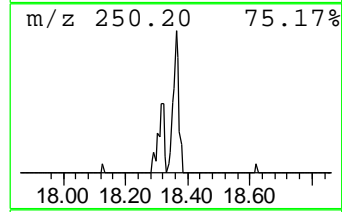
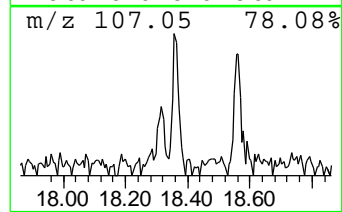
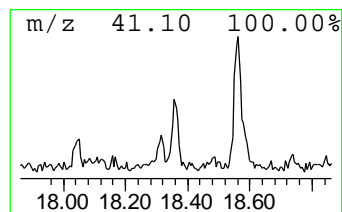
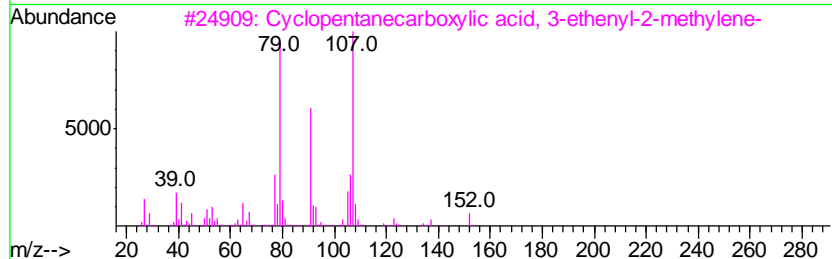
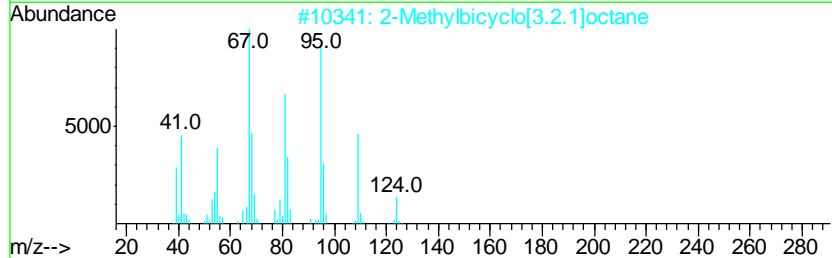
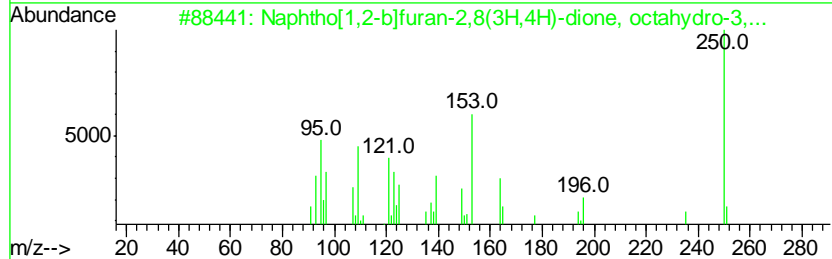
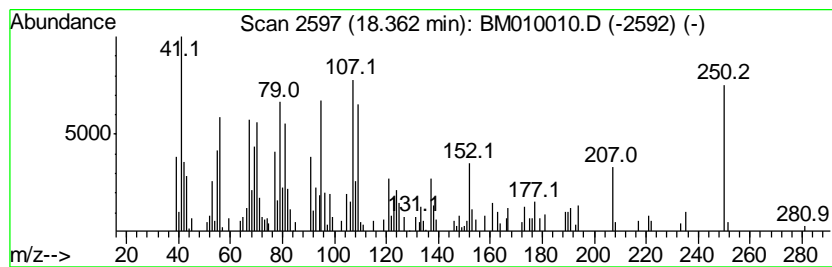
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Naphtho[1,2-b]furan-2,8(3H,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	3.35 ng	181264	Phenanthrene-d10	17.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[1,2-b]furan-2,8(3H,4H)-d...	250	C15H22O3	013902-54-0	50
2		2-Methylbicyclo[3.2.1]octane	124	C9H16	1000215-28-0	20
3		Cyclopentanecarboxylic acid, 3-e...	152	C9H12O2	108451-43-0	18
4		5-Cyclodecene, 1,2-epoxy-	152	C10H16O	1000163-73-0	18
5		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	15



Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
 Data File : BM010010.D
 Acq On : 12 May 2017 06:29
 Operator : SJ/MA
 Sample : I3079-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LF001MW002-170509

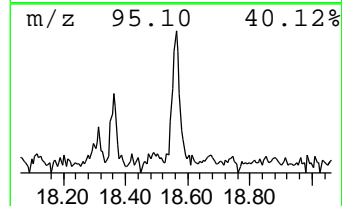
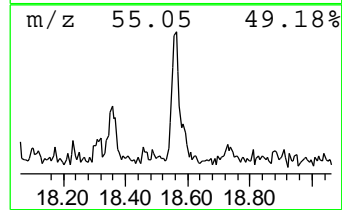
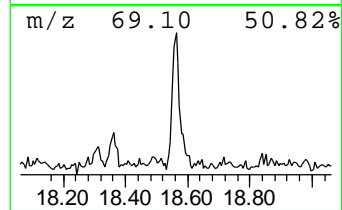
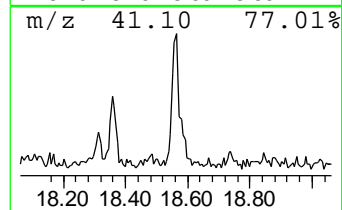
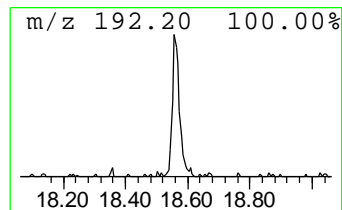
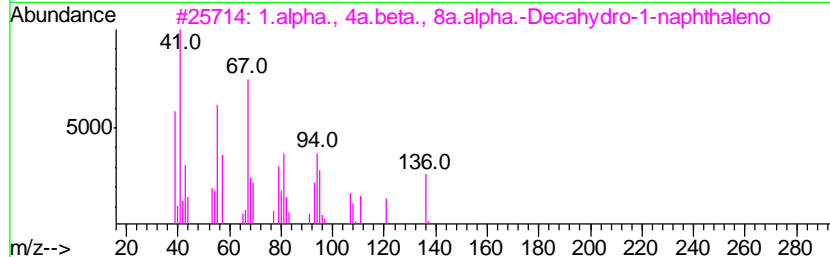
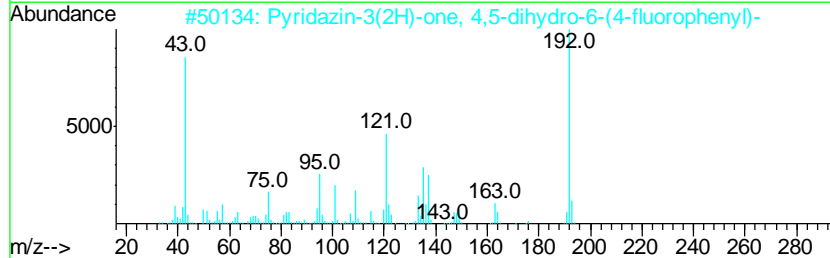
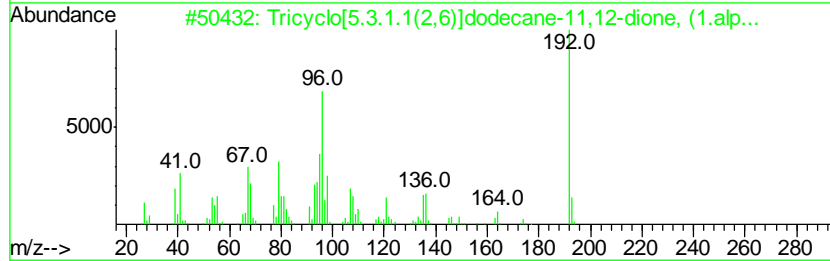
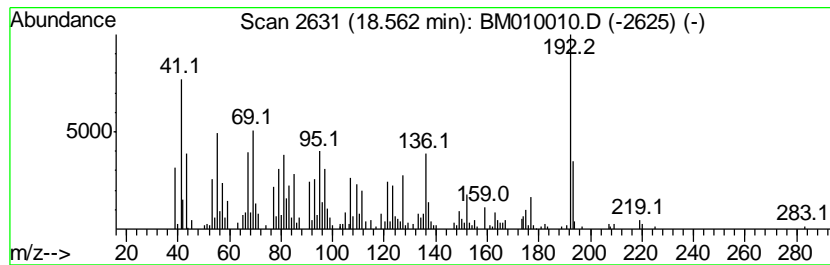
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 9 unknown18.56 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	10.00 ng	541225	Phenanthrene-d10	17.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricyclo[5.3.1.1(2,6)]dodecane-1...	192	C12H16O2	083098-98-0	46
2		Pyridazin-3(2H)-one, 4,5-dihydro...	192	C10H9FN2O	039499-62-2	27
3		1.alpha., 4a.beta., 8a.alpha.-De...	154	C10H18O	036159-47-4	25
4		Anthracene, tetradecahydro-	192	C14H24	006596-35-6	22
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	22



Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
 Data File : BM010010.D
 Acq On : 12 May 2017 06:29
 Operator : SJ/MA
 Sample : I3079-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 LF001MW002-170509

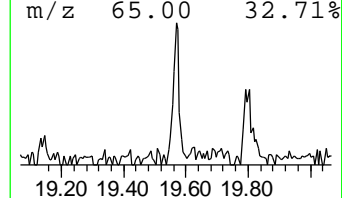
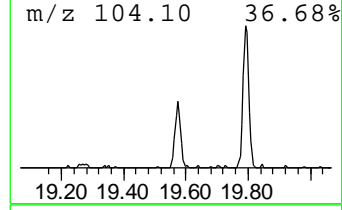
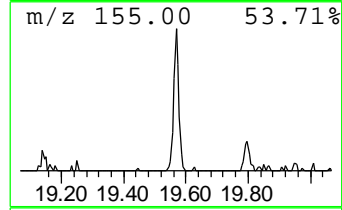
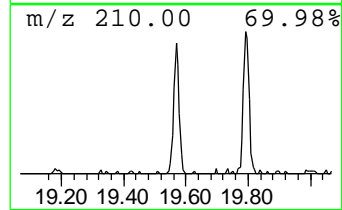
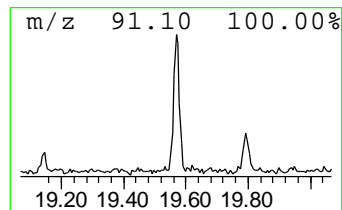
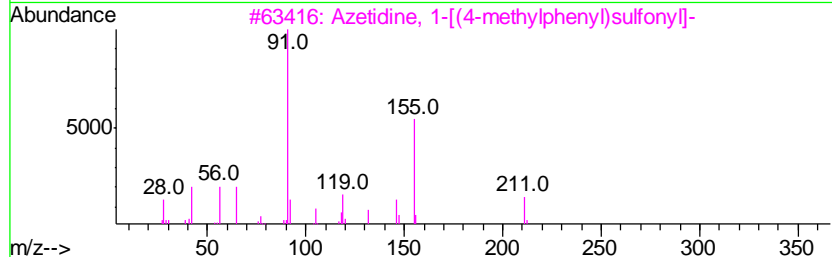
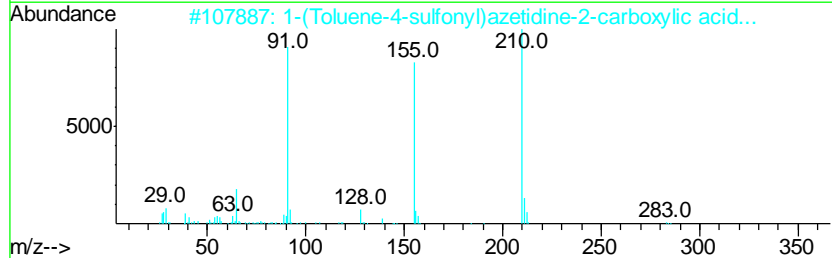
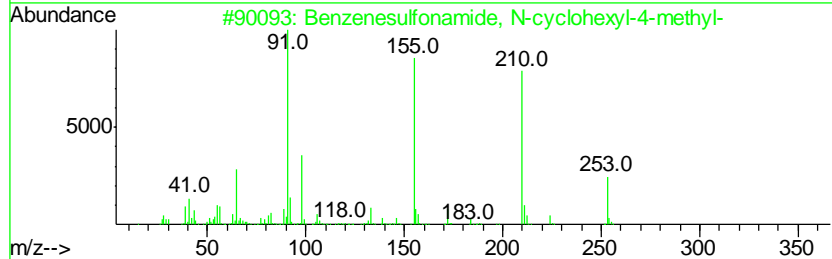
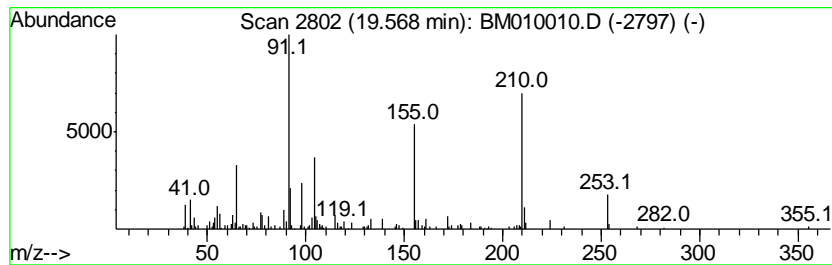
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 10 Benzenesulfonamide, N-cyclo... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.57	3.56 ng	252606	Chrysene-d12	21.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenesulfonamide, N-cyclohexyl...	253	C13H19NO2S	000080-30-8	98
2		1-(Toluene-4-sulfonyl)azetid...	283	C13H17NO4S	1000185-95-4	43
3		Azetid... 1-[(4-methylphenyl)su...	211	C10H13NO2S	007730-45-2	25
4		4-Allyloxy-6-methoxy-N,N-dimethy...	210	C9H14N4O2	337488-56-9	22
5		3-(N,N-Dimethylamino)carbazole	210	C14H14N2	001140-50-7	22



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051117\
Data File : BM010010.D
Acq On : 12 May 2017 06:29
Operator : SJ/MA
Sample : I3079-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LF001MW002-170509

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051117.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-Oxathiolane	4.42	34.5	ng	707481	1	7.76	410091	20.0
2-Pentanone, 4-hy...	4.89	10.3	ng	210529	1	7.76	410091	20.0
unknown7.29	7.29	86.2	ng	1768060	1	7.76	410091	20.0
Benzenesulfonamid...	16.14	5.3	ng	285308	4	17.17	1082740	20.0
Benzenesulfonamid...	16.46	2.6	ng	141886	4	17.17	1082740	20.0
Naphtho[1,2-b]fur...	18.36	3.4	ng	181264	4	17.17	1082740	20.0
unknown18.56	18.56	10.0	ng	541225	4	17.17	1082740	20.0
Benzenesulfonamid...	19.57	3.6	ng	252606	5	21.36	1420140	20.0