

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042315\
 Data File : BF078751.D
 Acq On : 23 Apr 2015 16:28
 Operator : TP/IZ
 Sample : G1938-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-77D

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	1.404	17	19	24	rBV	73372	147034	13.35%	1.440%
2	1.484	24	26	47	rVB	525939	961386	87.27%	9.415%
3	3.256	180	181	189	rBV	53189	88757	8.06%	0.869%
4	3.770	224	226	239	rBB	493678	596273	54.12%	5.839%
5	5.256	354	356	365	rVB	497797	614191	55.75%	6.015%
6	5.393	365	368	371	rBV	517215	652746	59.25%	6.392%
7	5.759	397	400	403	rBB	94995	133617	12.13%	1.309%
8	5.987	418	420	423	rBV	370076	471952	42.84%	4.622%
9	6.696	479	482	485	rBV	293411	371416	33.71%	3.637%
10	7.908	585	588	591	rBV	148109	194596	17.66%	1.906%
11	9.919	761	764	767	rBV	474586	734754	66.70%	7.195%
12	10.731	833	835	838	rBB	26606	30440	2.76%	0.298%
13	11.097	864	867	870	rBB	174881	229298	20.81%	2.246%
14	12.571	992	996	999	rBV	300063	473935	43.02%	4.641%
15	13.828	1103	1106	1108	rBV	175298	238235	21.63%	2.333%
16	13.874	1108	1110	1112	rVB	11979	16891	1.53%	0.165%
17	14.857	1194	1196	1198	rVB	12600	11590	1.05%	0.114%
18	14.937	1200	1203	1206	rVB2	99033	146561	13.30%	1.435%
19	15.097	1214	1217	1222	rBV	156251	203168	18.44%	1.990%
20	15.223	1226	1228	1230	rBV2	17409	19667	1.79%	0.193%
21	15.280	1230	1233	1236	rBV	866290	1101662	100.00%	10.789%
22	15.451	1246	1248	1252	rVB	36164	40258	3.65%	0.394%
23	15.577	1256	1259	1262	rBV	7852	13700	1.24%	0.134%
24	15.783	1274	1277	1280	rVB2	36920	52266	4.74%	0.512%
25	15.897	1285	1287	1290	rBB	147623	160664	14.58%	1.573%
26	16.274	1317	1320	1322	rVB	11361	11881	1.08%	0.116%
27	16.377	1326	1329	1332	rVB	747762	809286	73.46%	7.925%
28	16.537	1340	1343	1346	rBV	975930	1016507	92.27%	9.955%
29	17.714	1440	1446	1448	rBV	242723	359766	32.66%	3.523%
30	19.474	1597	1600	1603	rBV	227407	290208	26.34%	2.842%
31	21.143	1743	1746	1751	rVB4	8724	18661	1.69%	0.183%

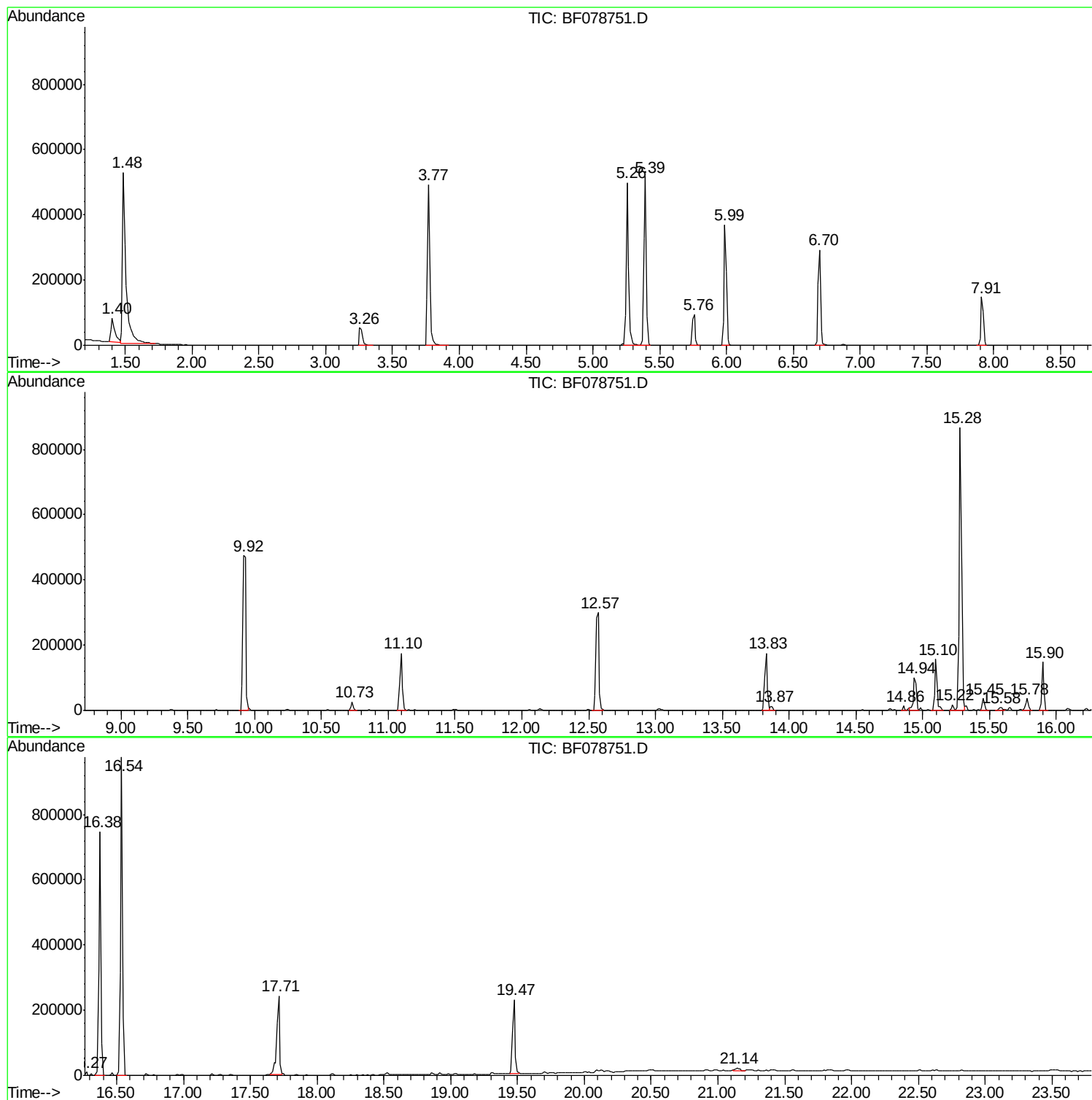
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Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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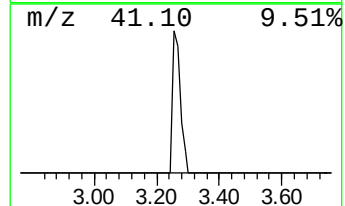
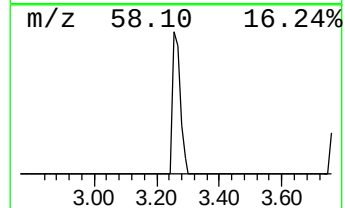
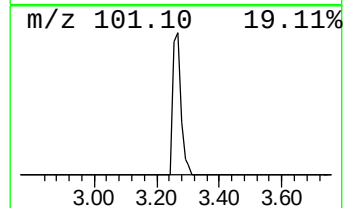
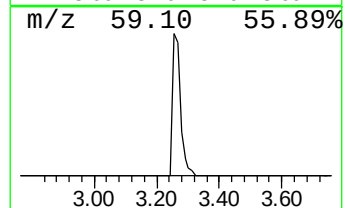
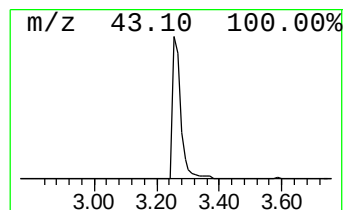
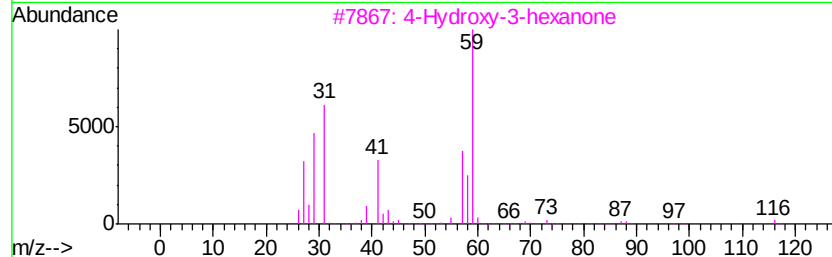
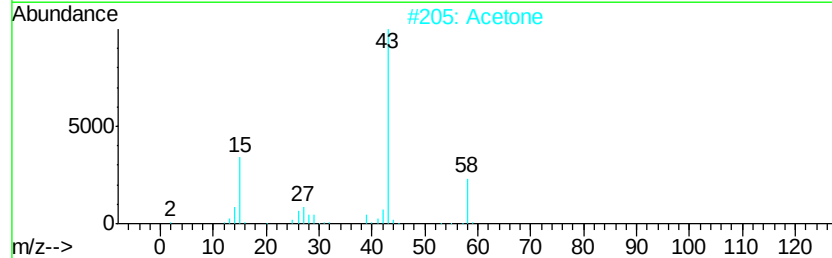
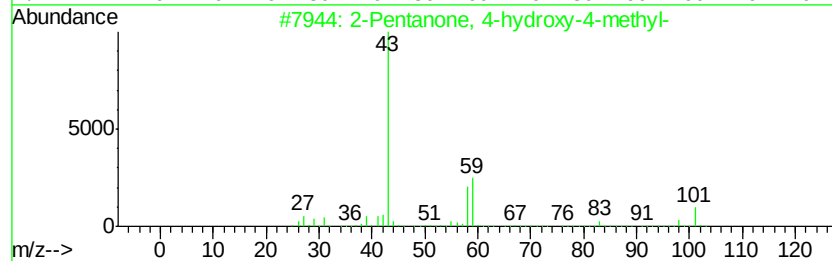
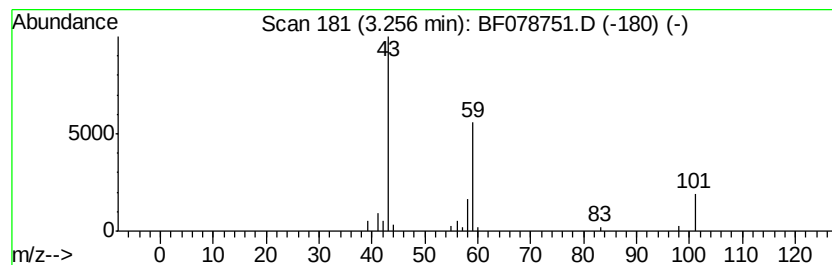
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	13.29 ng	88757	1,4-Dichlorobenzene-d4	5.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetone	58	C3H6O	000067-64-1	9
3		4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9
4		Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9
5		Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	9



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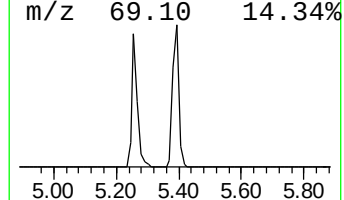
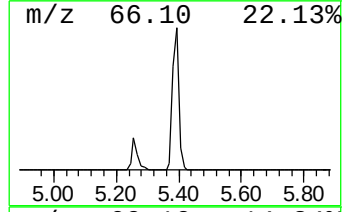
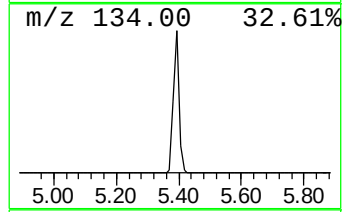
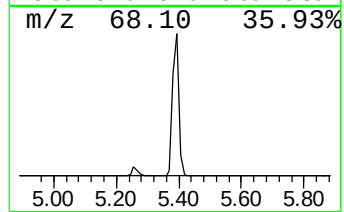
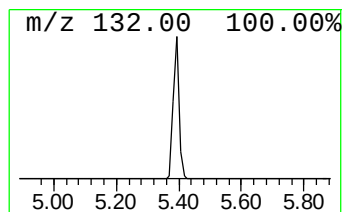
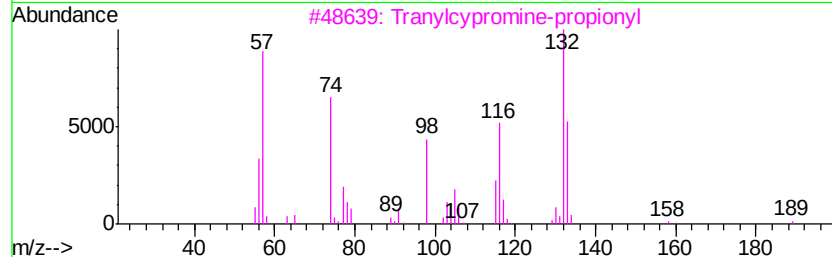
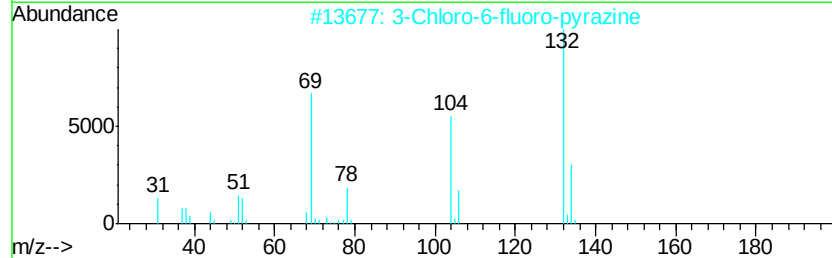
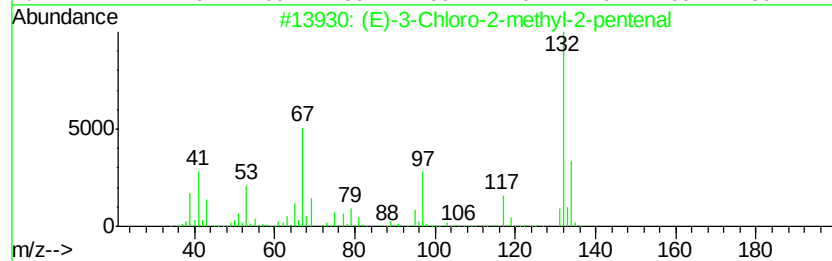
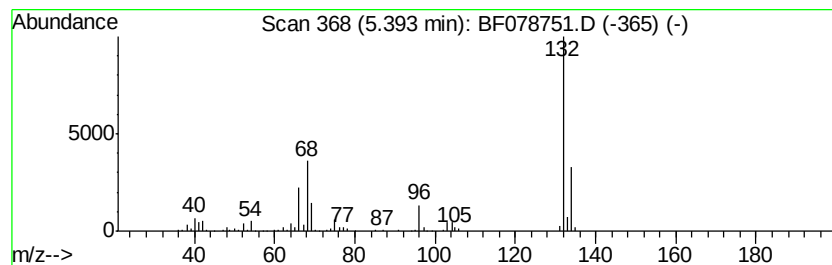
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 unknown5.39 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.39	97.70 ng	652746	1,4-Dichlorobenzene-d4	5.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25	
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25	
3	Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12	
4	5-Aminoindole	132	C8H8N2	005192-03-0	12	
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9	



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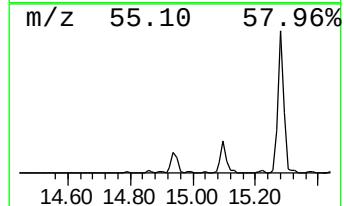
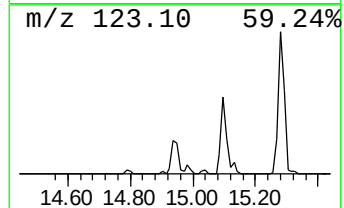
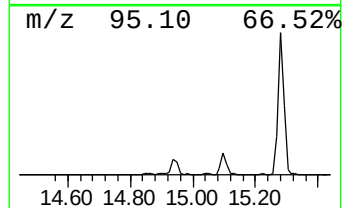
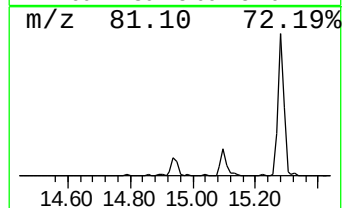
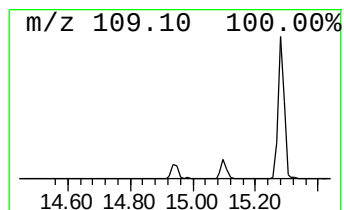
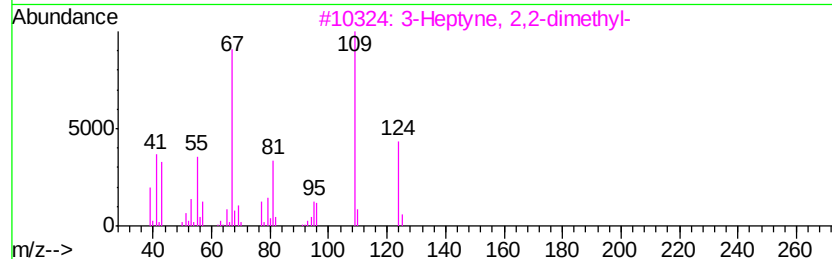
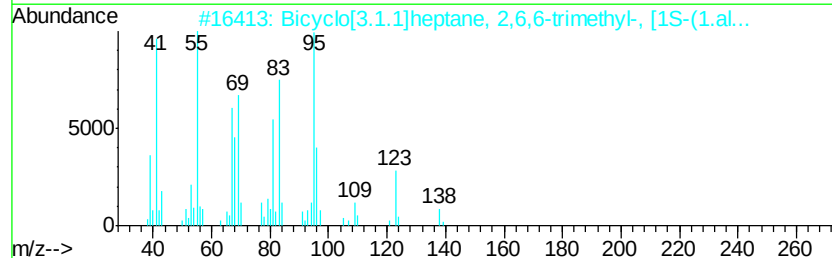
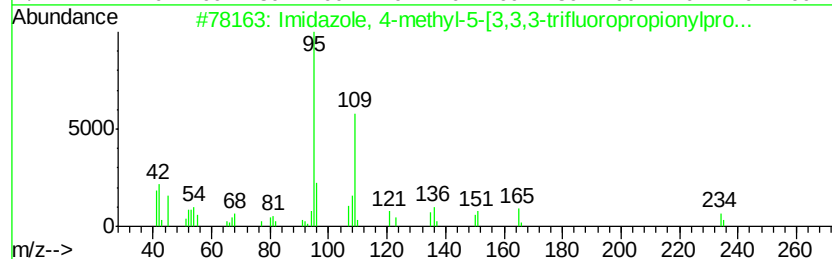
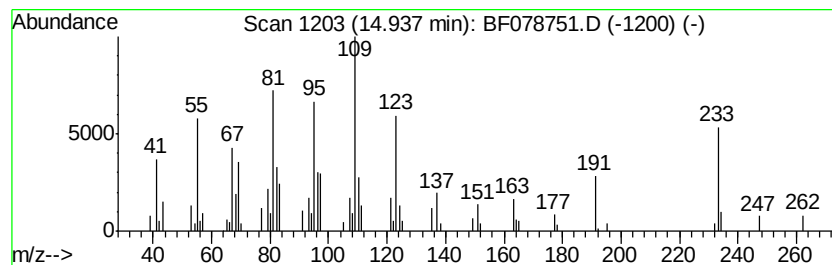
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Peak Number 6 unknown14.94 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	12.30 ng	146561	Phenanthrene-d10	13.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Imidazole, 4-methyl-5-[3,3,3-tri...	234	C10H13F3N2O	1000129-15-8	30
2		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004755-33-3	22
3		3-Heptyne, 2,2-dimethyl-	124	C9H16	029022-29-5	18
4		1,2,3-Trimethyl-cyclopent-2-enec...	138	C9H14O	1000190-18-1	18
5		9-Oxabicyclo[6.1.0]non-6-en-2-one	138	C8H10O2	1000211-01-6	14



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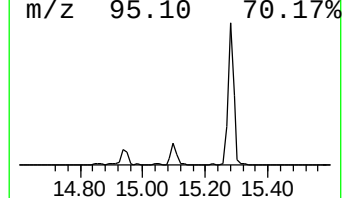
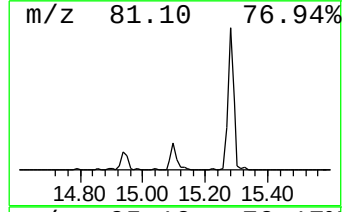
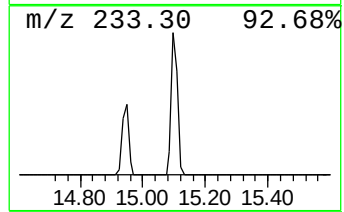
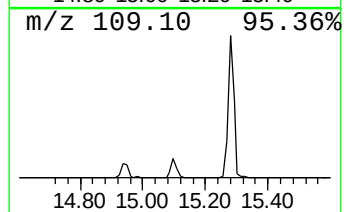
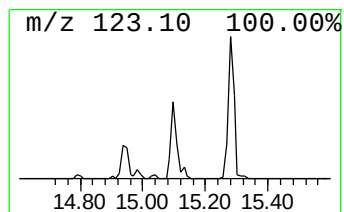
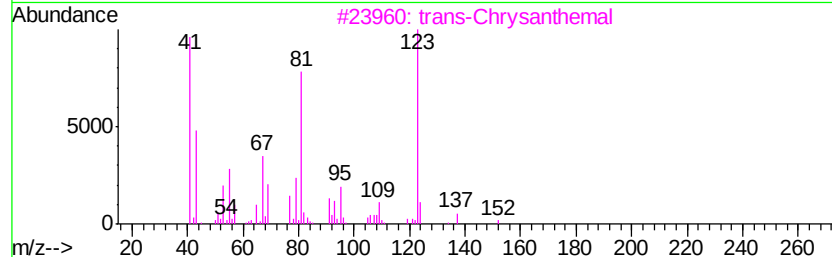
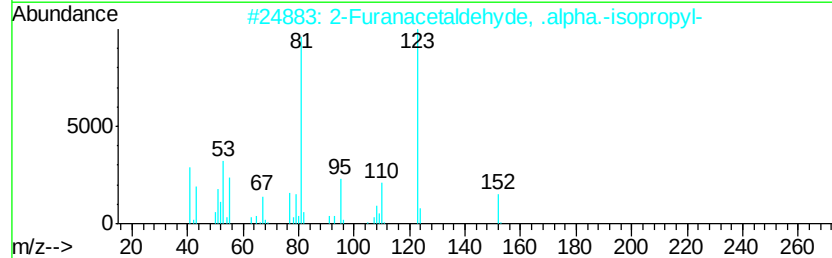
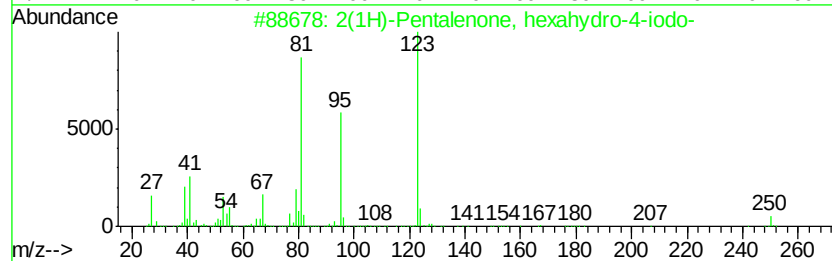
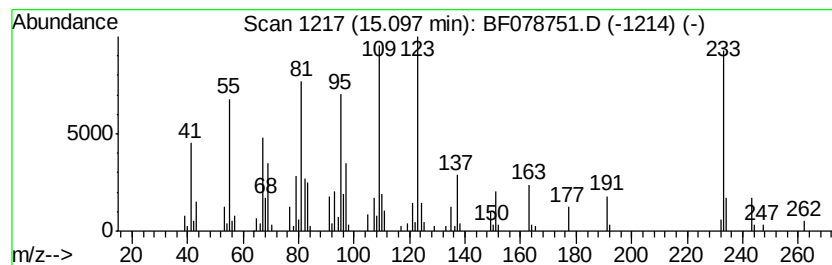
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Peak Number 7 unknown15.10 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	17.06 ng	203168	Phenanthrene-d10	13.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2(1H)-Pentalenone, hexahydro-4-i...	250	C8H11IO	077070-56-5	35
2		2-Furanacetaldehyde, .alpha.-iso...	152	C9H12O2	031681-30-8	35
3		trans-Chrysanthemal	152	C10H16O	020104-05-6	30
4		Chrysanthemyl alcohol	154	C10H18O	018383-59-0	22
5		Bicyclo[2.2.1]heptan-2-one, 5-br...	230	C10H15BrO	010293-00-2	22



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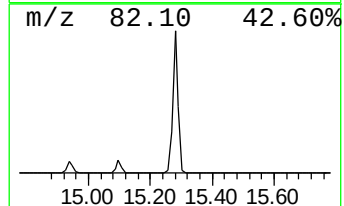
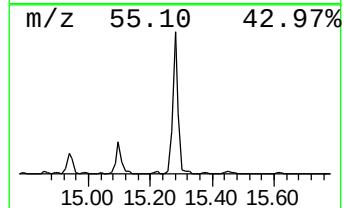
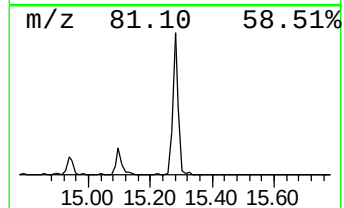
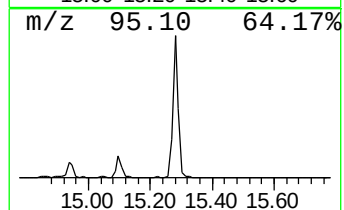
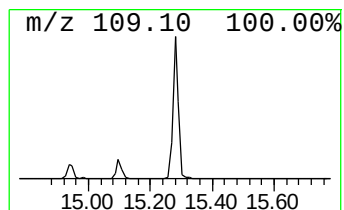
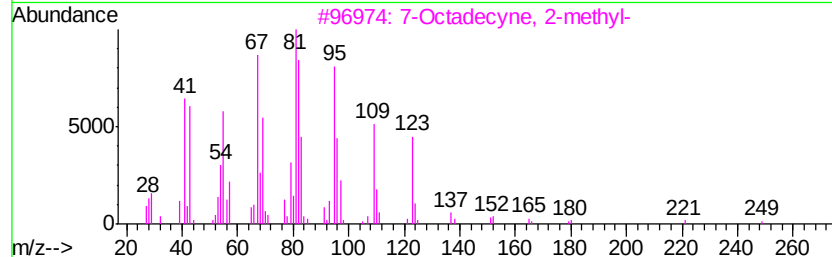
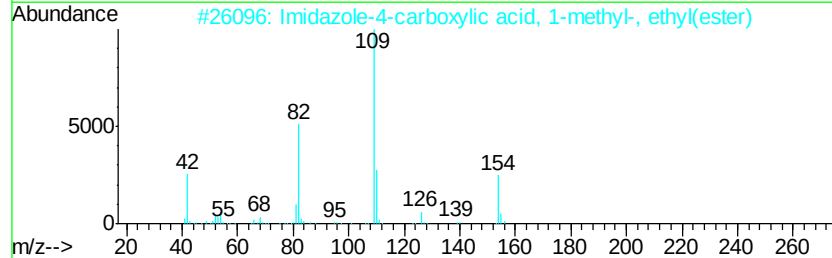
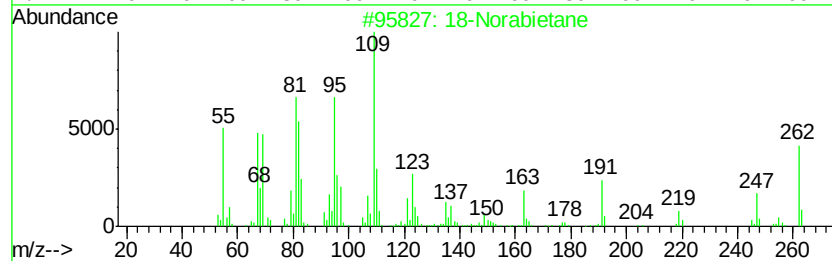
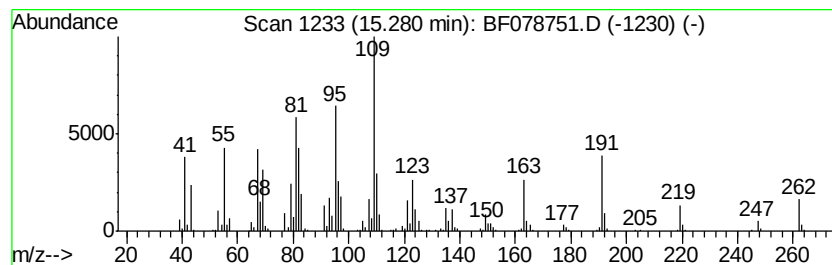
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 8 18-Norabietane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	92.49 ng	1101660	Phenanthrene-d10	13.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane		262	C19H34	1000293-16-6	94
2	Imidazole-4-carboxylic acid, 1-m...		154	C7H10N2O2	041507-56-6	35
3	7-Octadecyne, 2-methyl-		264	C19H36	035354-38-2	27
4	2-n-Octylfuran		180	C12H20O	004179-38-8	22
5	1,2-Benzooxazine,2-cyclohexyl-4-...		262	C16H26N2O	037898-39-8	22



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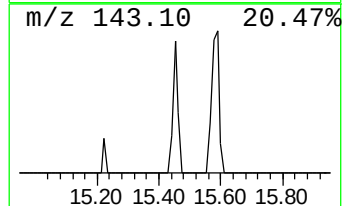
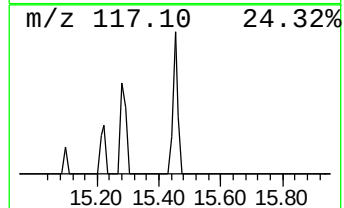
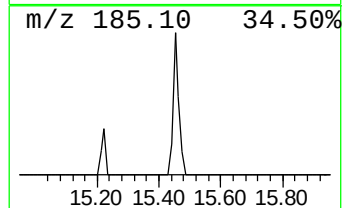
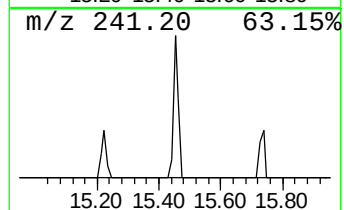
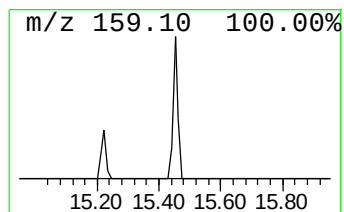
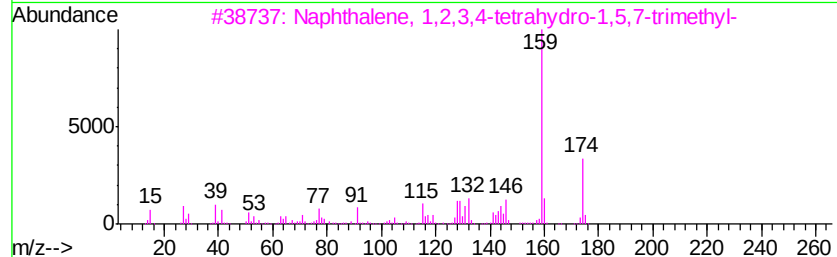
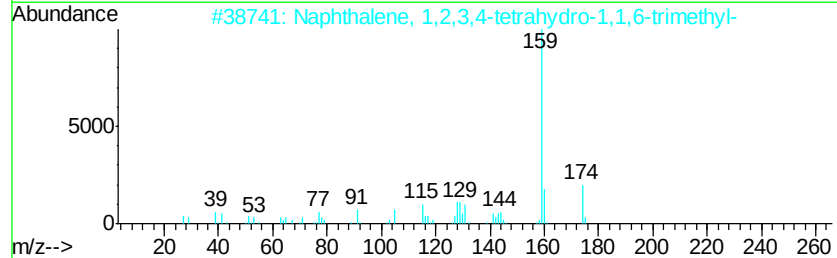
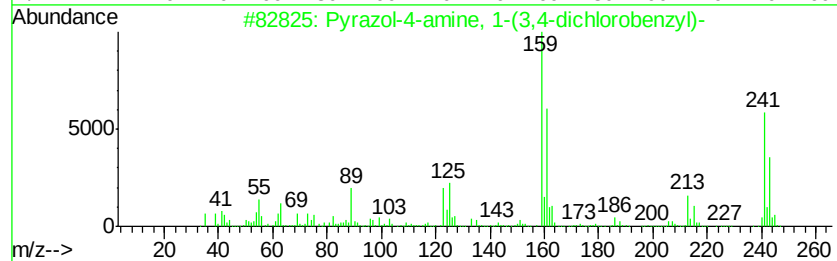
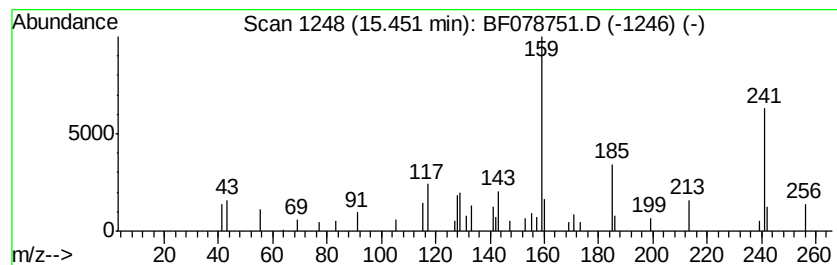
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown15.45 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	3.38 ng	40258	Phenanthrene-d10	13.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrazol-4-amine, 1-(3,4-dichloro...	241	C10H9Cl2N3	1000273-77-4	49
2		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	35
3		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-55-0	27
4		2(1H)-Quinolinone, hydrazone	159	C9H9N3	015793-77-8	25
5		Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042315\
Data File : BF078751.D
Acq On : 23 Apr 2015 16:28
Operator : TP/IZ
Sample : G1938-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-77D

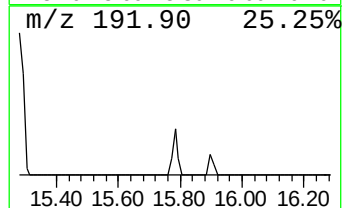
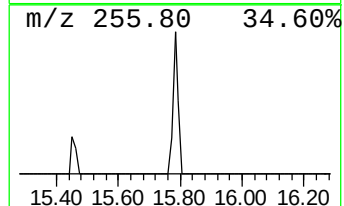
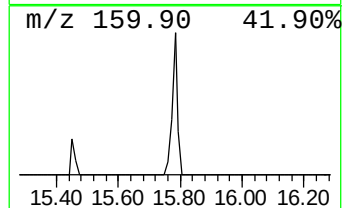
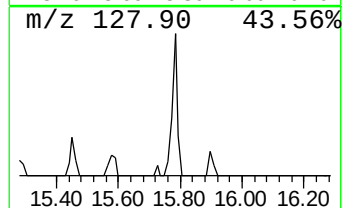
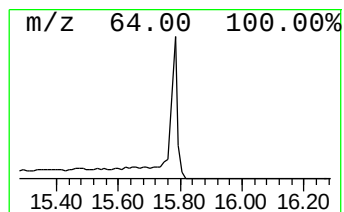
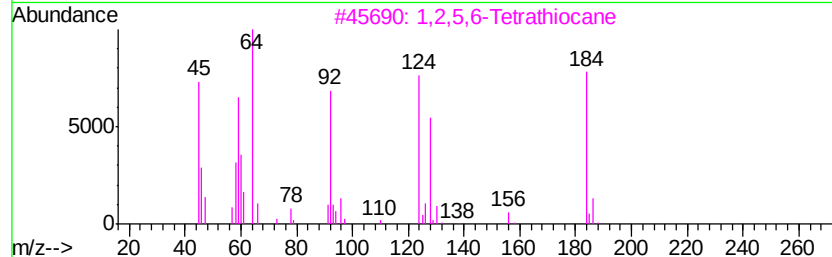
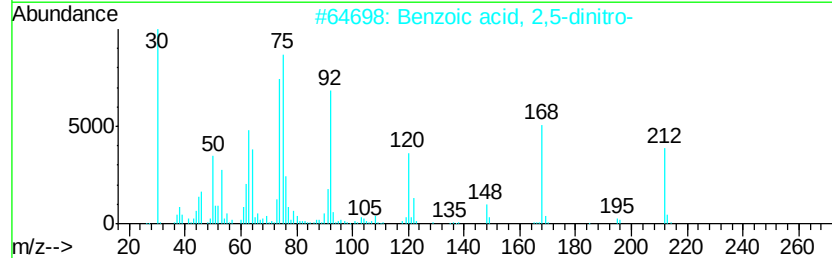
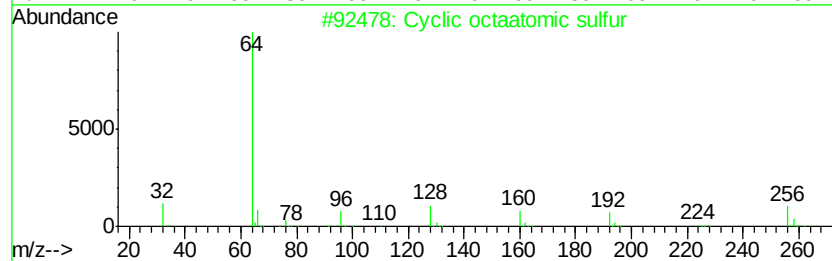
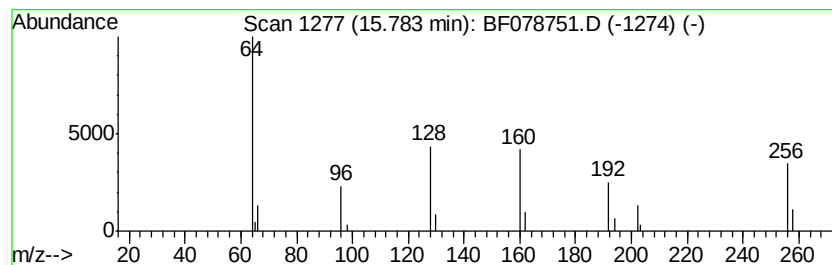
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclic octaatomic sulfur Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	2.91 ng	52266	Chrysene-d12	17.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclic octaatomic sulfur	256	S8	010544-50-0	90
2			Benzoic acid, 2,5-dinitro-	212	C7H4N2O6	000610-28-6	40
3			1,2,5,6-Tetrathiocane	184	C4H8S4	001940-01-8	38
4			7-Amino-7H-S-triazolo[5,1-c]-S-t...	156	C3H4N6S	013728-28-4	9
5			Ethyl Chloride	64	C2H5Cl	000075-00-3	4



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Sample : G1938-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-77D

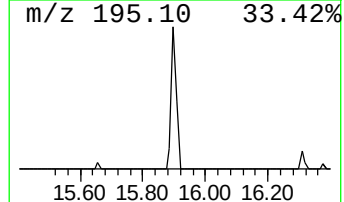
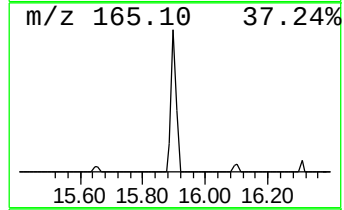
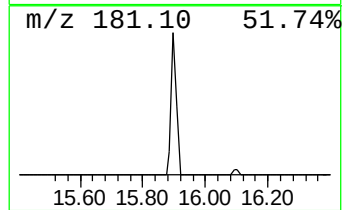
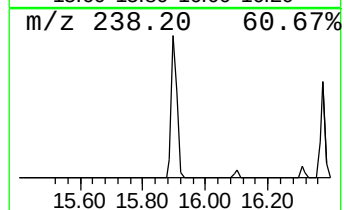
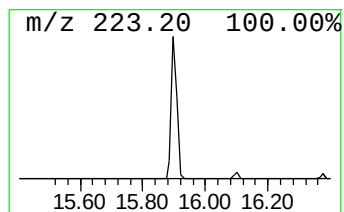
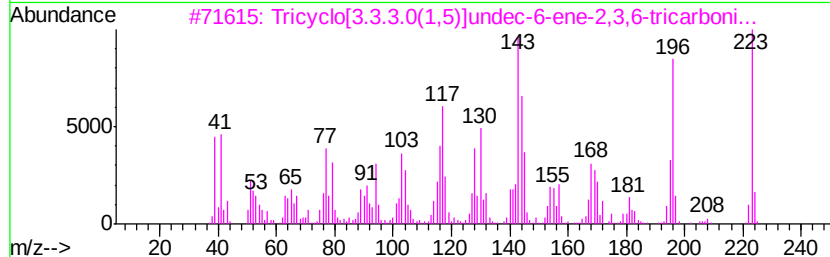
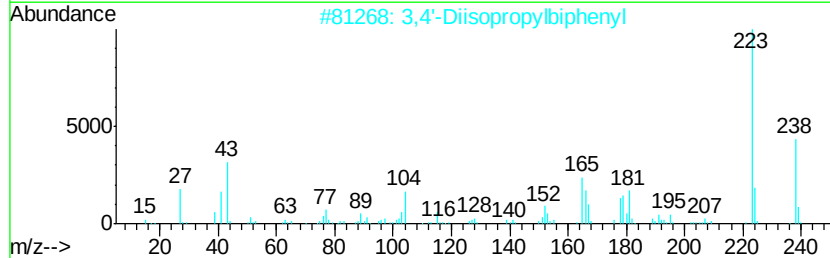
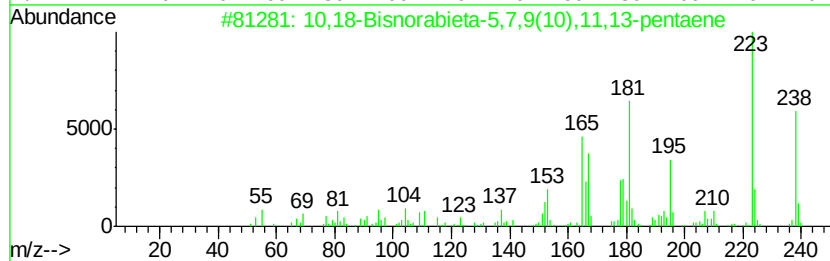
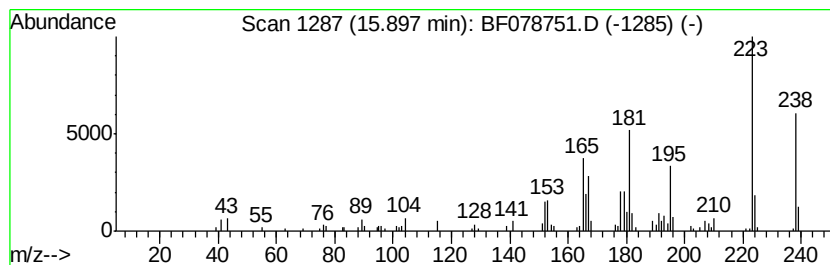
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	8.93 ng	160664	Chrysene-d12	17.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2		3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	76
3		Tricyclo[3.3.3.0(1,5)]undec-6-en...	223	C14H13N3	118894-71-6	64
4		Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	60
5		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	55



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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-77D

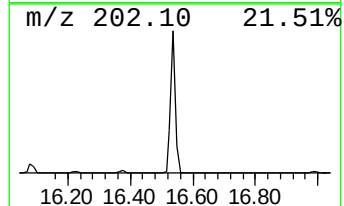
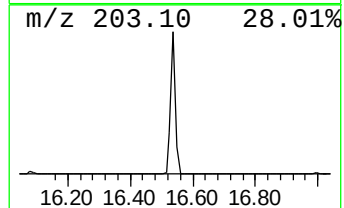
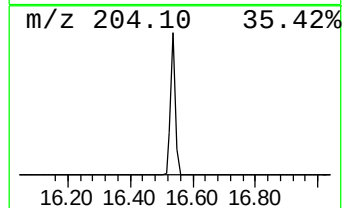
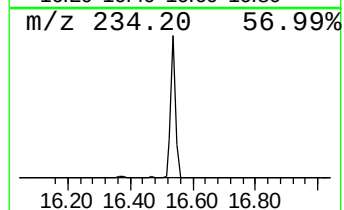
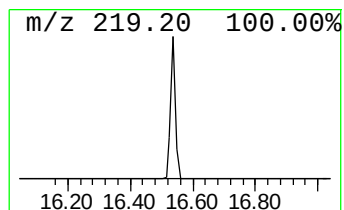
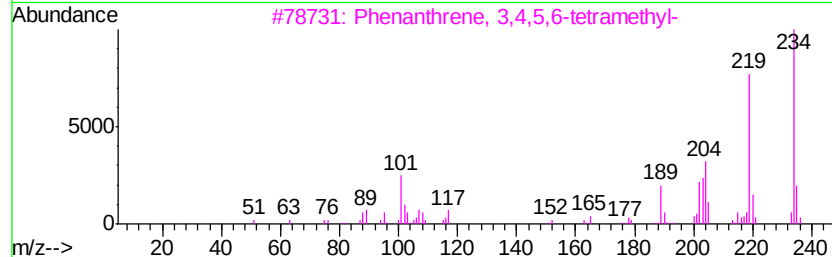
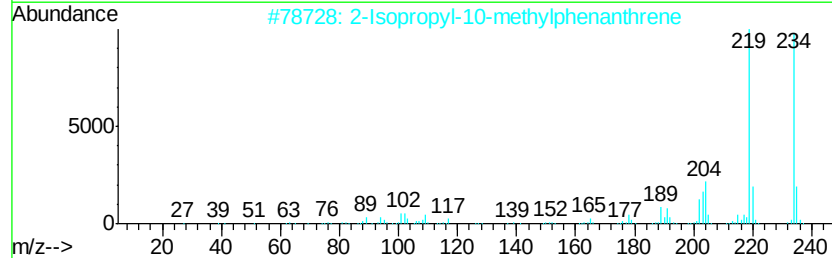
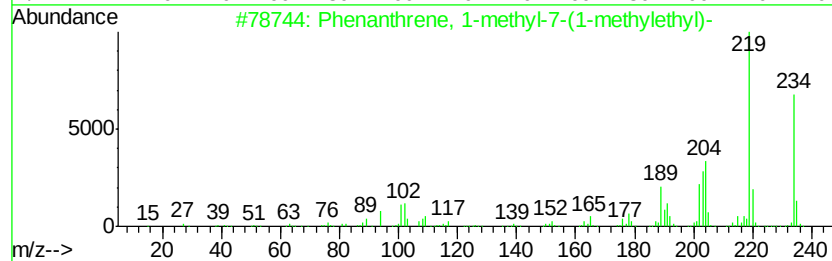
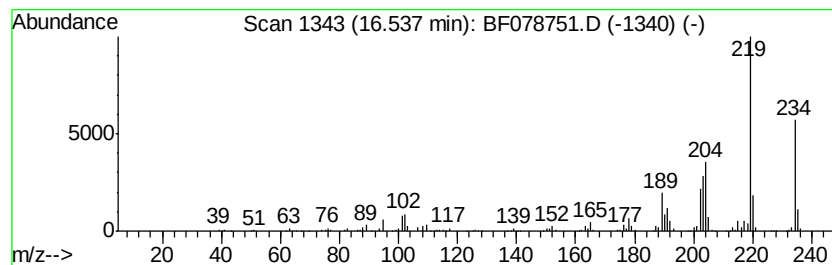
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 1-methyl-7-(1... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	56.51 ng	1016510	Chrysene-d12	17.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	99
2			2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3			Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	76
4			3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	50
5			2,3,5,6-Detetrahydrocyclohexanon...	234	C15H22O2	101100-38-3	50



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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-77D

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
2-Pentanone, 4-hy...	3.26	13.3	ng	88757	1	5.76	133617	20.0
unknown5.39	5.39	97.7	ng	652746	1	5.76	133617	20.0
unknown14.94	14.94	12.3	ng	146561	4	13.83	238235	20.0
unknown15.10	15.10	17.1	ng	203168	4	13.83	238235	20.0
18-Norabietane	15.28	92.5	ng	1101660	4	13.83	238235	20.0
unknown15.45	15.45	3.4	ng	40258	4	13.83	238235	20.0
Cyclic octaatomic...	15.78	2.9	ng	52266	5	17.71	359766	20.0
10,18-Bisnorabiet...	15.90	8.9	ng	160664	5	17.71	359766	20.0
Phenanthrene, 1-m...	16.54	56.5	ng	1016510	5	17.71	359766	20.0