

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
 Data File : BF079915.D
 Acq On : 12 Jun 2015 2:25
 Operator : TP/IZ
 Sample : G2449-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FM6

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-BF061115.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	2.170	85	86	92	rVB	93751	126936	2.34%	0.389%
2	2.273	92	95	98	rVB	4290569	5434773	100.00%	16.637%
3	2.353	100	102	110	rBV	382175	640338	11.78%	1.960%
4	2.707	130	133	138	rVB	133089	192196	3.54%	0.588%
5	5.622	385	388	390	rBV	119918	174432	3.21%	0.534%
6	6.010	419	422	424	rBV	1194182	1403434	25.82%	4.296%
7	6.993	505	508	510	rBV	1901915	1623989	29.88%	4.971%
8	7.165	520	523	525	rBV	1192834	1526036	28.08%	4.672%
9	7.393	541	543	545	rBV	480906	381470	7.02%	1.168%
10	7.553	555	557	559	rBV	1563655	1239379	22.80%	3.794%
11	7.953	589	592	594	rBV	721295	864117	15.90%	2.645%
12	8.685	654	656	658	rBV	698578	575165	10.58%	1.761%
13	9.759	748	750	752	rVB	2369442	1953168	35.94%	5.979%
14	10.456	809	811	813	rBV	716998	680098	12.51%	2.082%
15	11.256	878	881	883	rBV	1040021	1229824	22.63%	3.765%
16	11.965	941	943	944	rBV	932207	891064	16.40%	2.728%
17	11.988	944	945	947	rVV	1207544	904092	16.64%	2.768%
18	12.045	947	950	951	rVV	159121	215679	3.97%	0.660%
19	12.468	984	987	989	rBV	86285	155529	2.86%	0.476%
20	12.502	989	990	992	rVB	199933	151778	2.79%	0.465%
21	12.594	996	998	1001	rBV2	187090	287705	5.29%	0.881%
22	13.222	1051	1053	1055	rBV	1445432	1271226	23.39%	3.892%
23	13.474	1071	1075	1077	rBV	1157117	1340948	24.67%	4.105%
24	13.611	1084	1087	1089	rBV	2796284	2554032	46.99%	7.818%
25	13.702	1092	1095	1099	rVB3	73930	165863	3.05%	0.508%
26	13.828	1102	1106	1108	rVB	145881	217367	4.00%	0.665%
27	13.942	1114	1116	1120	rVB3	101173	160494	2.95%	0.491%
28	14.605	1172	1174	1176	rBV2	148849	222774	4.10%	0.682%
29	14.640	1176	1177	1181	rVB	93402	117584	2.16%	0.360%
30	14.834	1191	1194	1196	rBV2	1094119	1869875	34.41%	5.724%
31	14.868	1196	1197	1201	rVB	437351	376534	6.93%	1.153%
32	16.137	1305	1308	1314	rBV	368100	993276	18.28%	3.041%
33	16.526	1339	1342	1346	rVB	225528	358027	6.59%	1.096%
34	16.606	1346	1349	1353	rBV	337241	516217	9.50%	1.580%

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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

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35	16.686	1353	1356	1358	rVV	623460	932670	17.16%	2.855%
36	16.720	1358	1359	1366	rVB2	113465	194715	3.58%	0.596%
37	18.571	1518	1521	1528	rBV2	137949	386748	7.12%	1.184%
38	19.143	1567	1571	1582	rVB	112544	337009	6.20%	1.032%

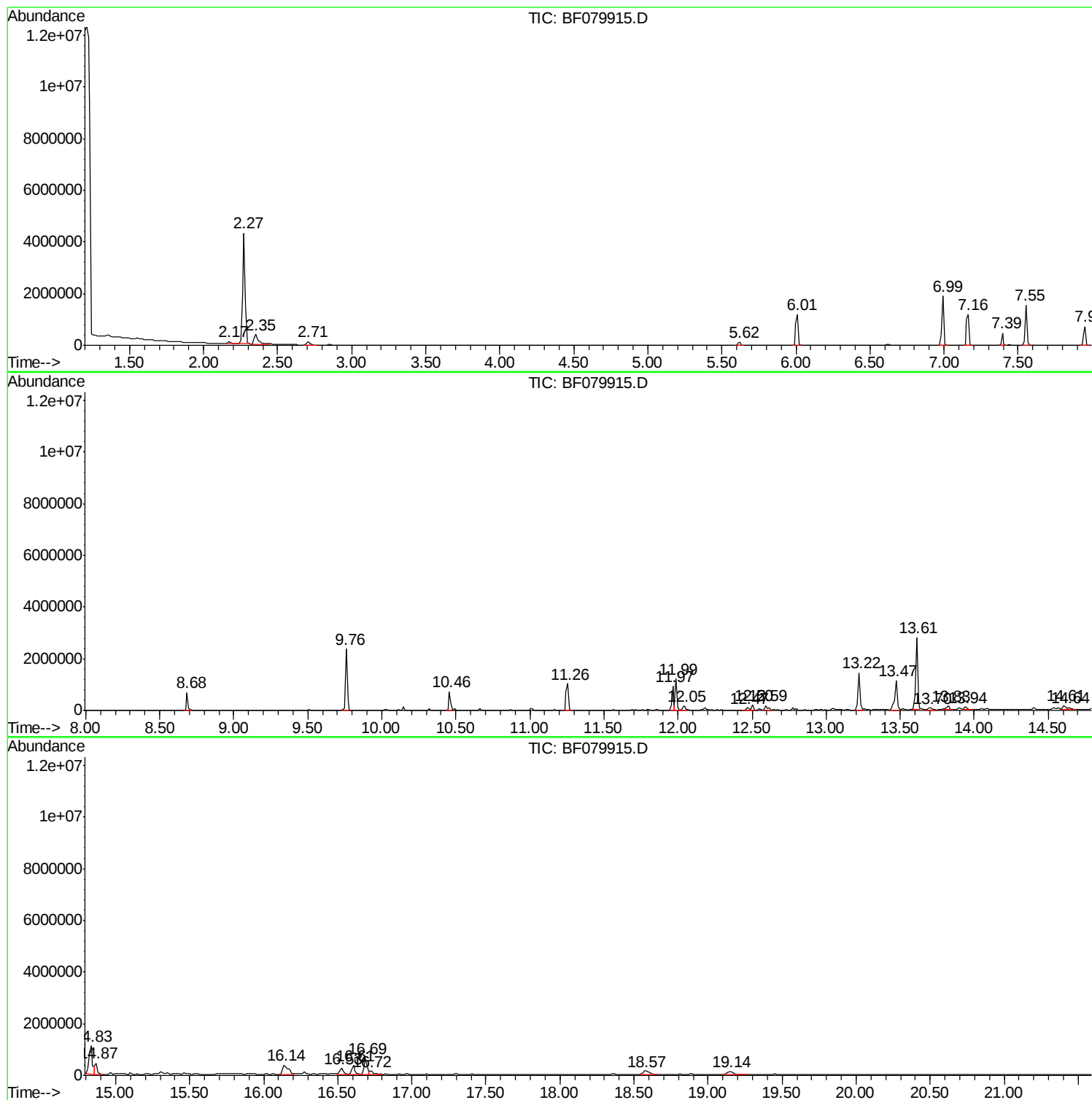
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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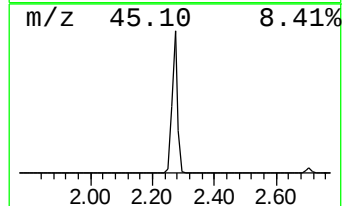
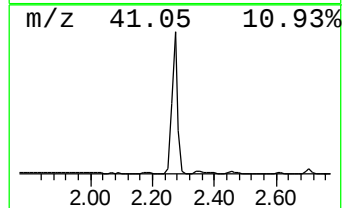
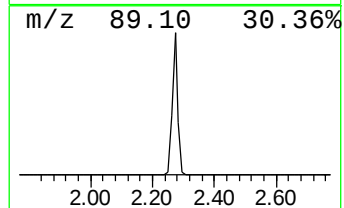
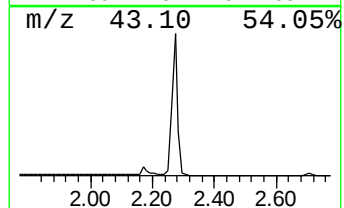
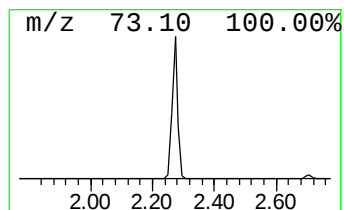
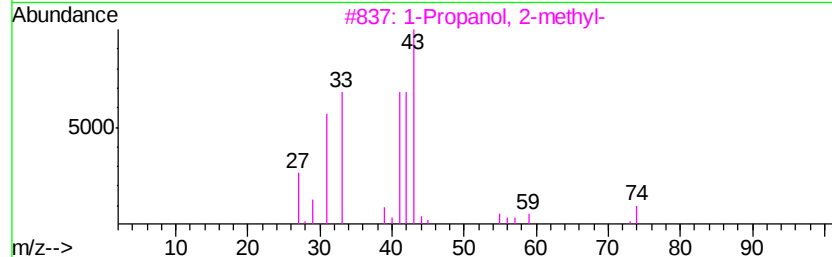
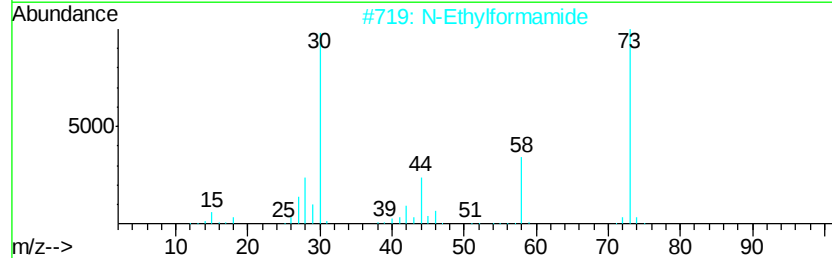
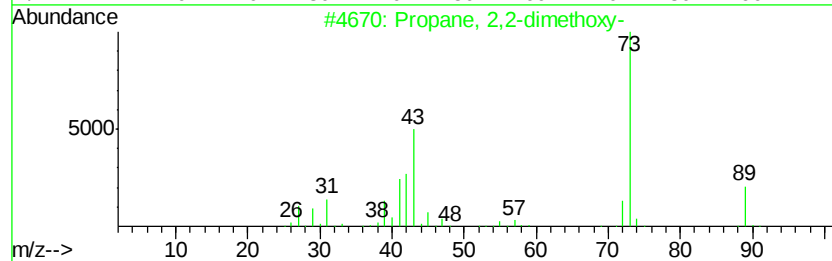
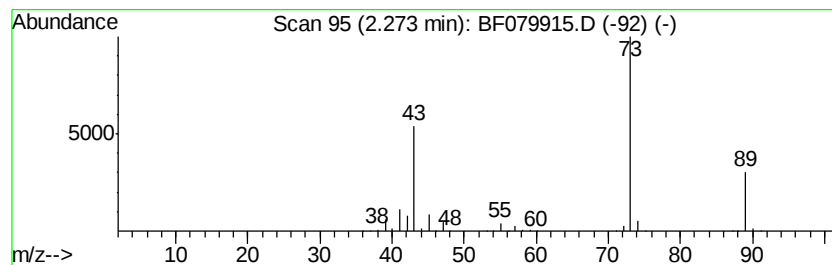
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.27	284.94 ng	5434770	1,4-Dichlorobenzene-d4	7.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2		N-Ethylformamide	73	C3H7NO	000627-45-2	9
3		1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5		1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9



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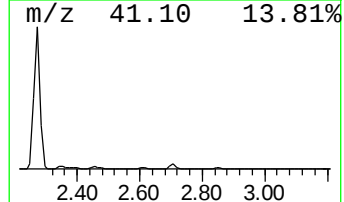
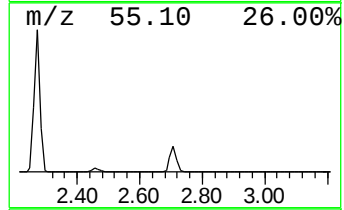
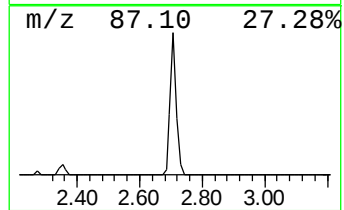
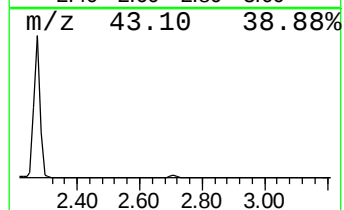
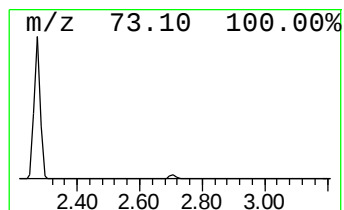
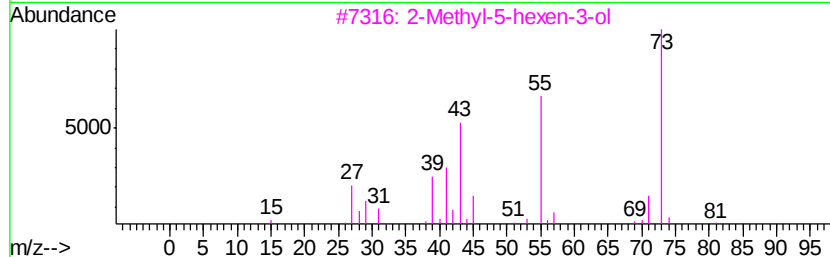
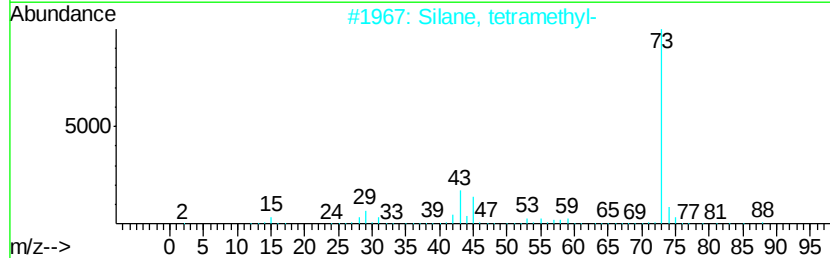
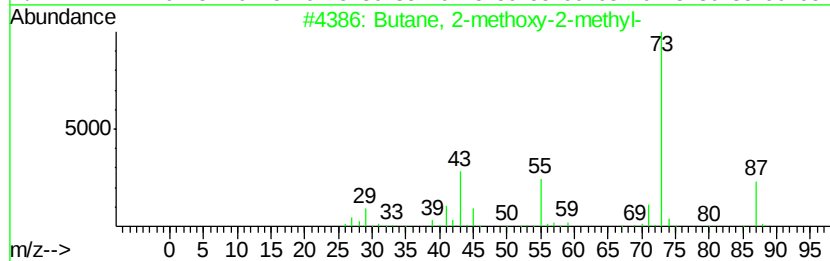
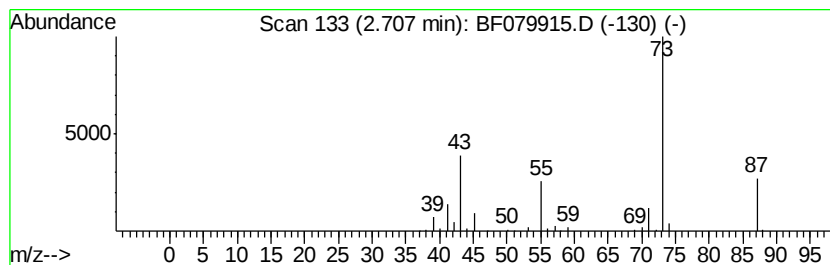
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.71	10.08 ng	192196	1,4-Dichlorobenzene-d4	7.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23



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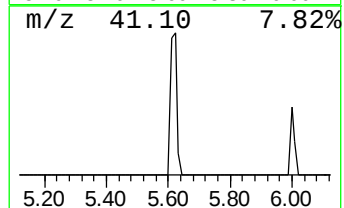
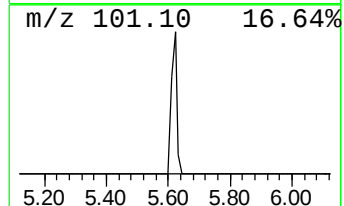
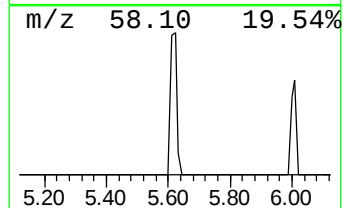
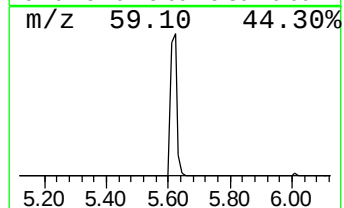
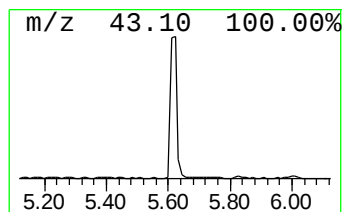
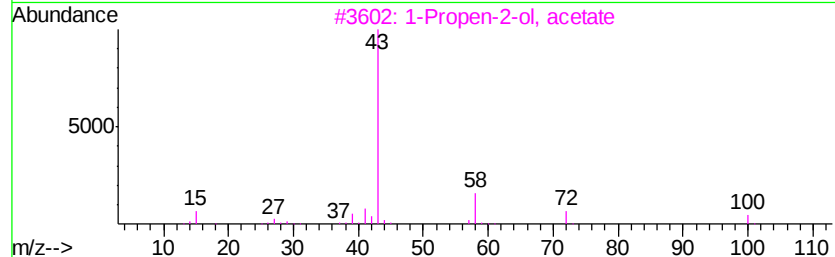
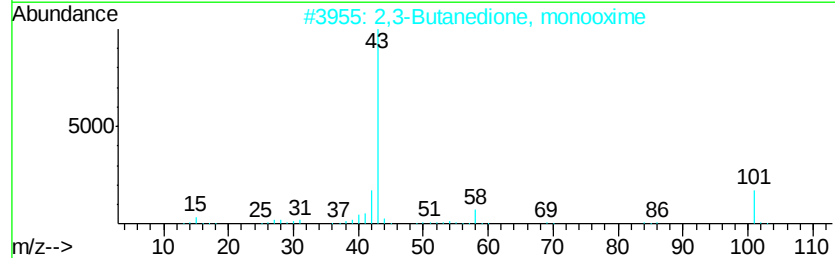
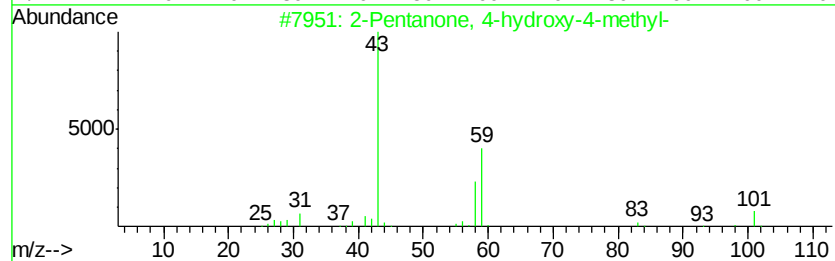
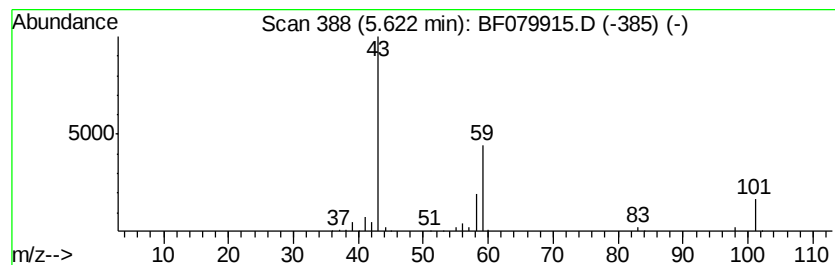
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	9.15 ng	174432	1,4-Dichlorobenzene-d4	7.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72	
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12	
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12	
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9	
5	Acetone	58	C3H6O	000067-64-1	9	



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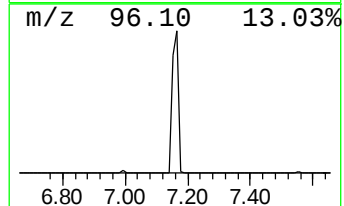
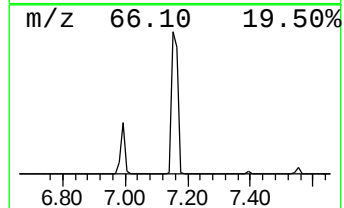
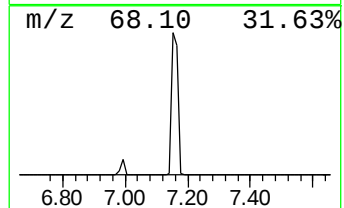
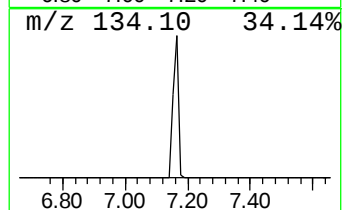
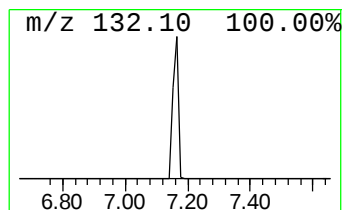
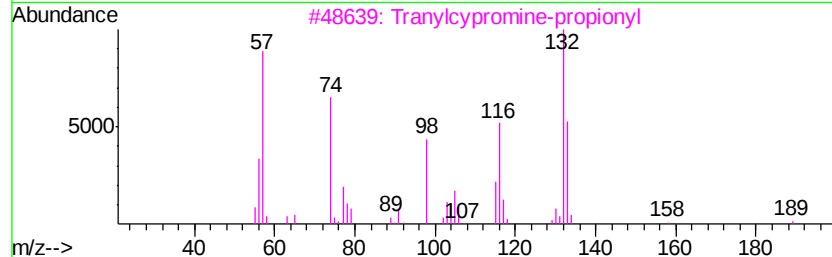
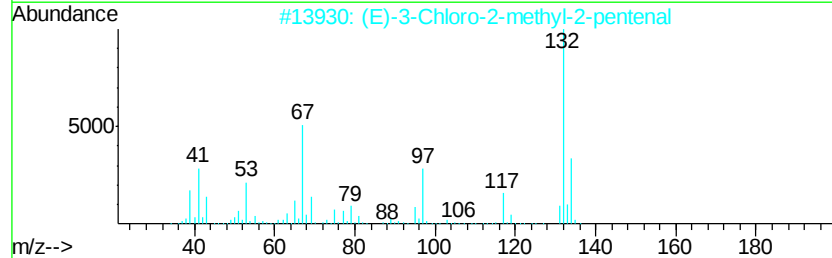
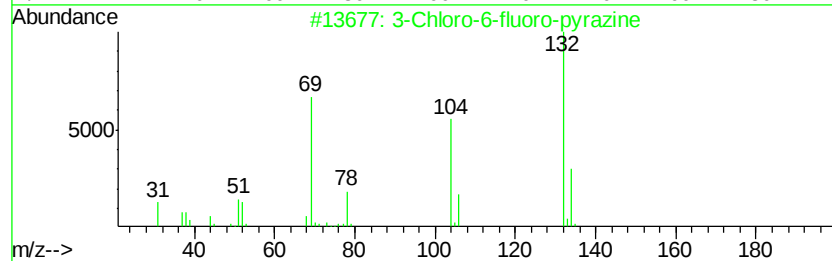
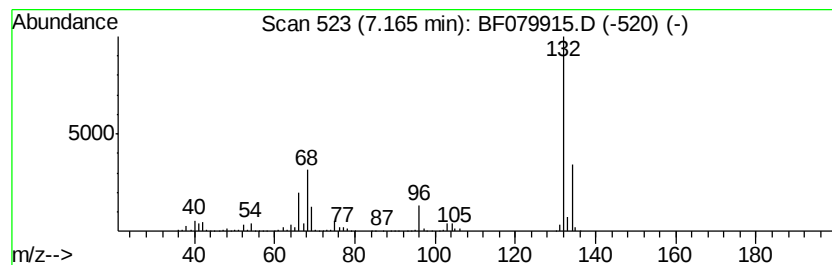
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown7.16 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	80.01 ng	1526040	1,4-Dichlorobenzene-d4	7.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	16
4		Amphetaminil	250	C17H18N2	017590-01-1	12
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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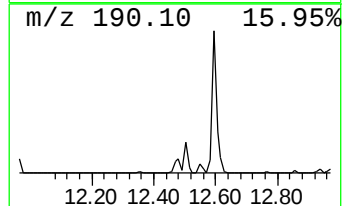
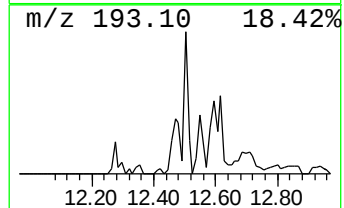
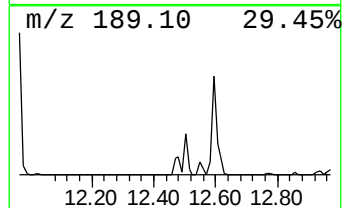
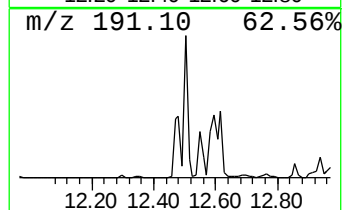
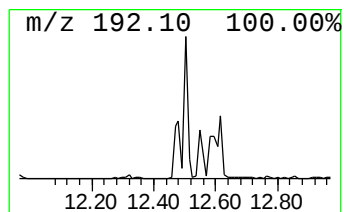
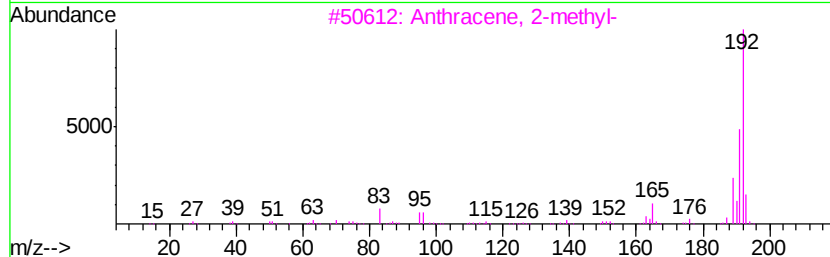
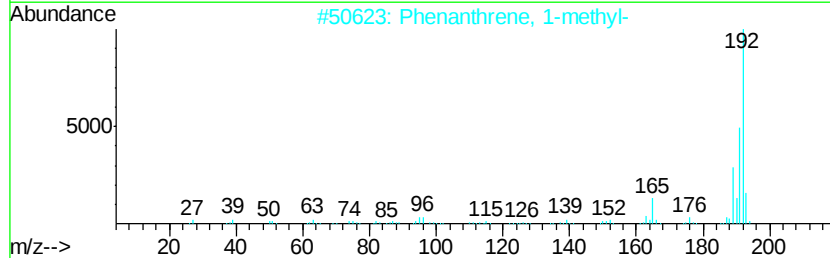
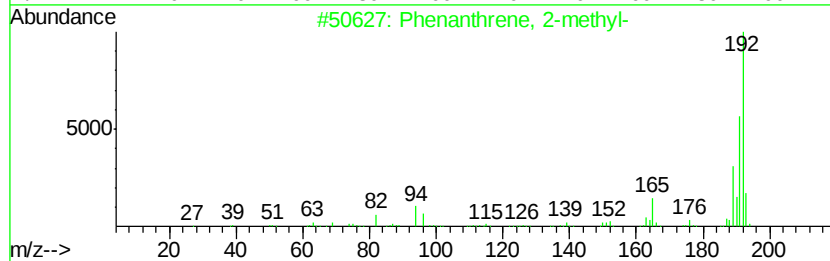
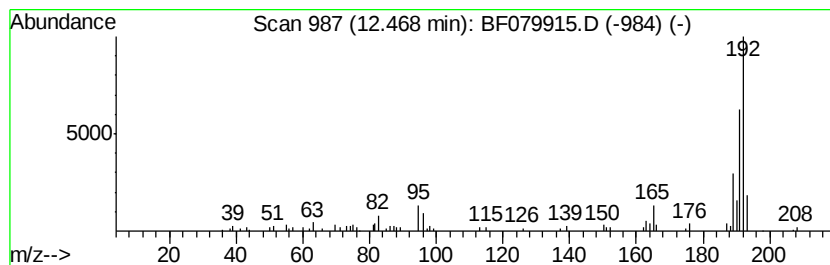
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TIC Integration Parameters: LSCINT.P

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.47	3.49 ng	155529	Phenanthrene-d10	11.97	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
Data File : BF079915.D
Acq On : 12 Jun 2015 2:25
Operator : TP/IZ
Sample : G2449-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FM6

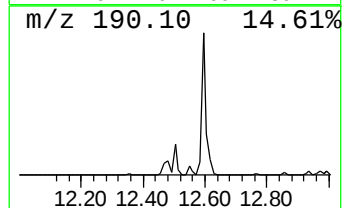
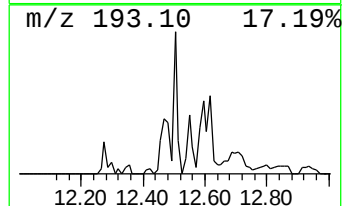
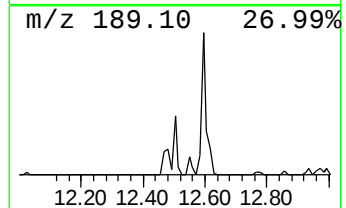
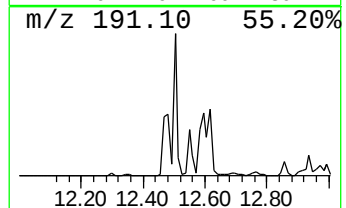
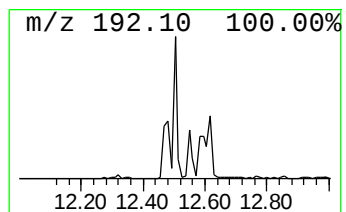
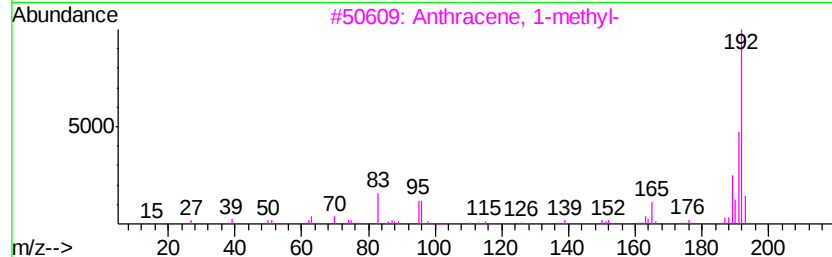
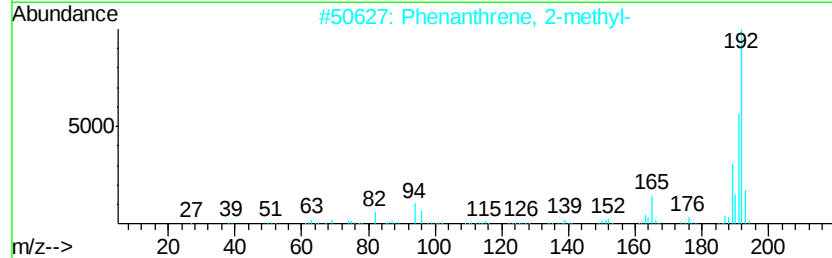
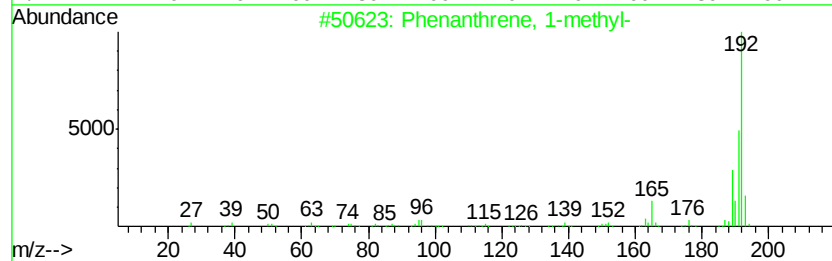
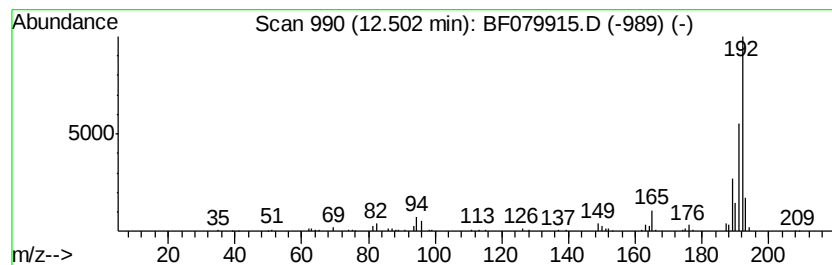
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	3.41 ng	151778	Phenanthrene-d10	11.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95	
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95	
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91	
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91	
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91	



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Acq On : 12 Jun 2015 2:25
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Sample : G2449-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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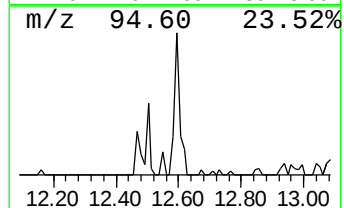
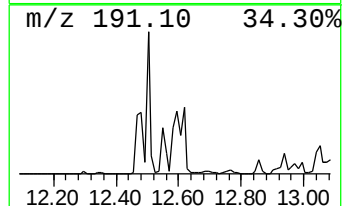
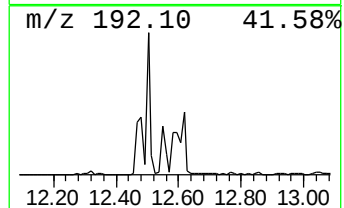
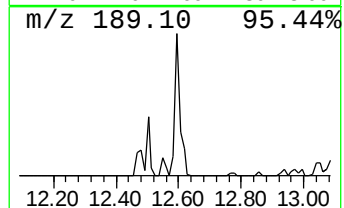
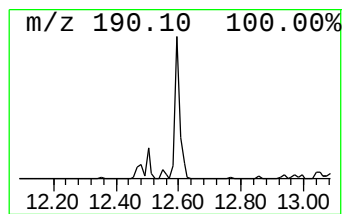
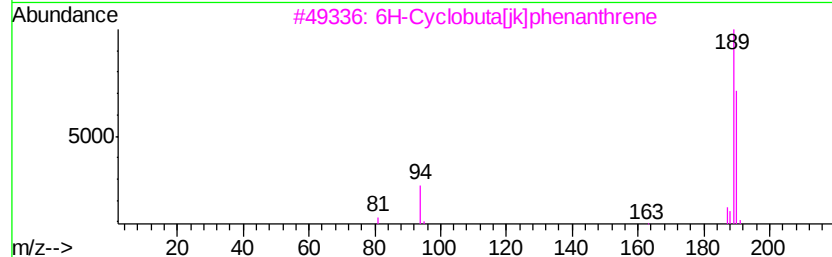
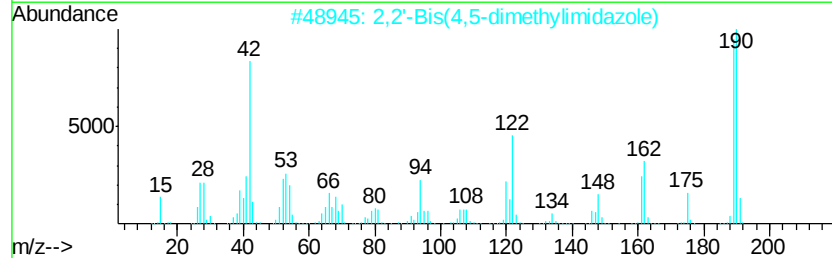
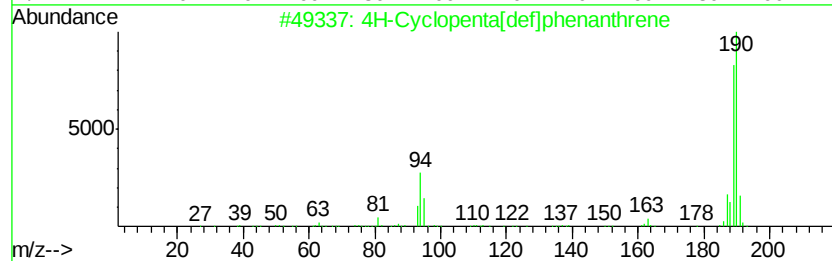
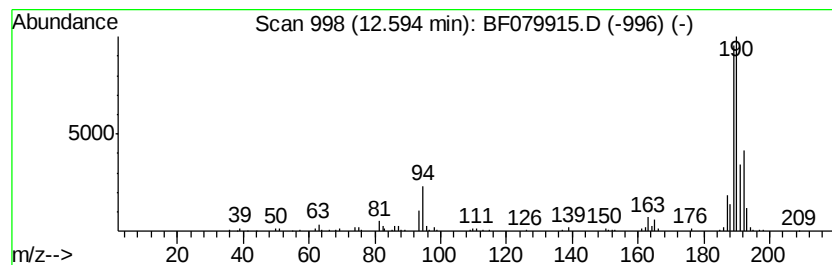
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	6.46 ng	287705	Phenanthrene-d10	11.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
3		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	42
4		4-Isothiazolecarbonitrile, 5-chl...	190	C5H3ClN2S2	054798-93-5	25
5		4,4'-Difluorobiphenyl	190	C12H8F2	000398-23-2	17



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061115\
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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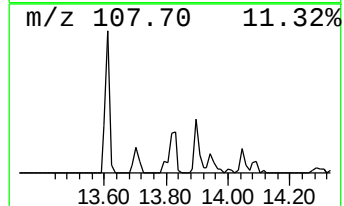
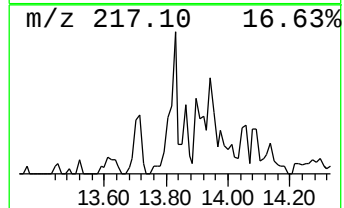
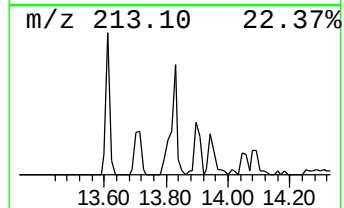
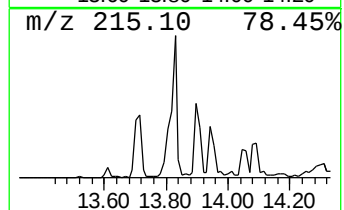
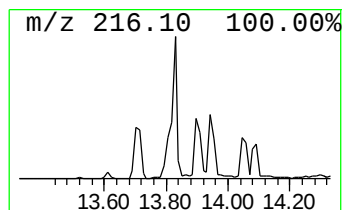
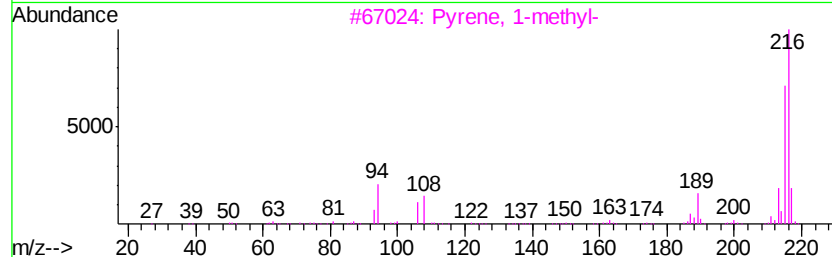
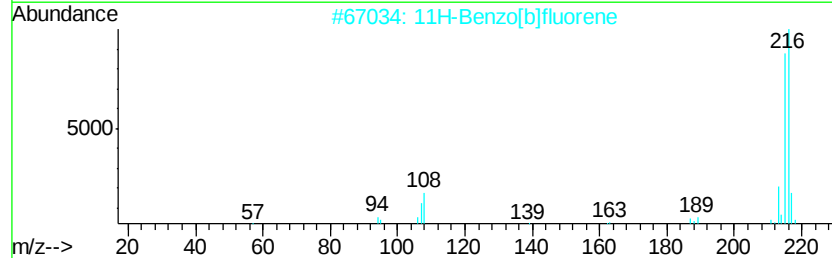
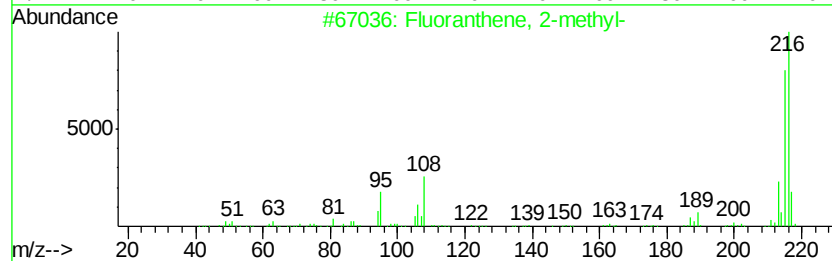
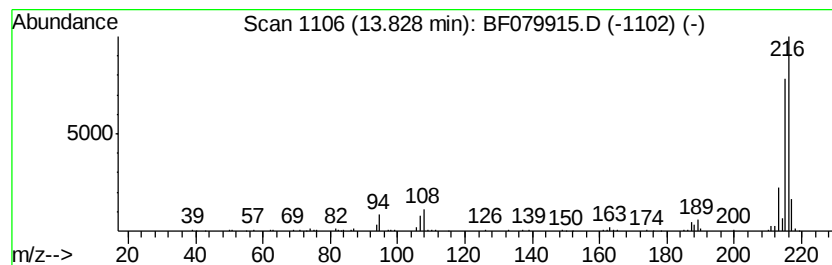
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	2.32 ng	217367	Chrysene-d12	14.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	90
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061115\
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Operator : TP/IZ
Sample : G2449-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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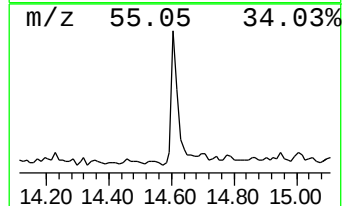
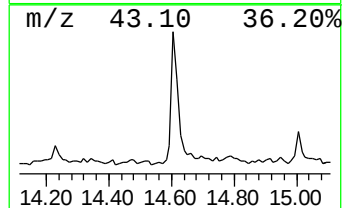
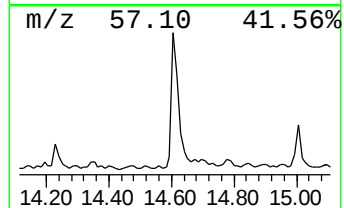
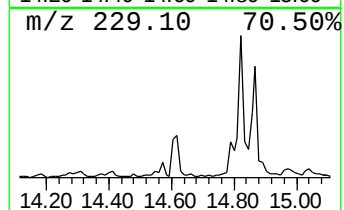
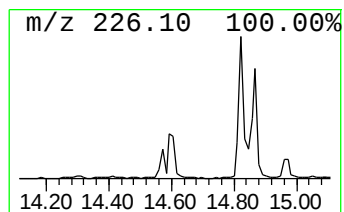
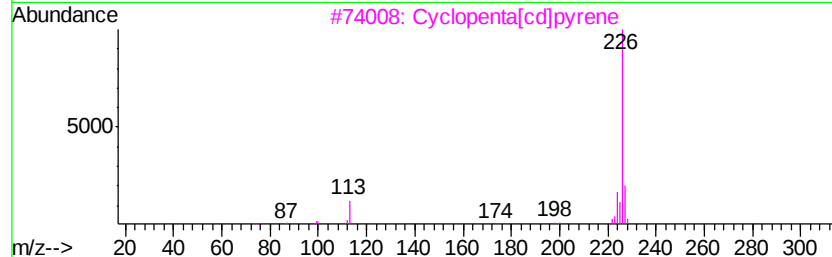
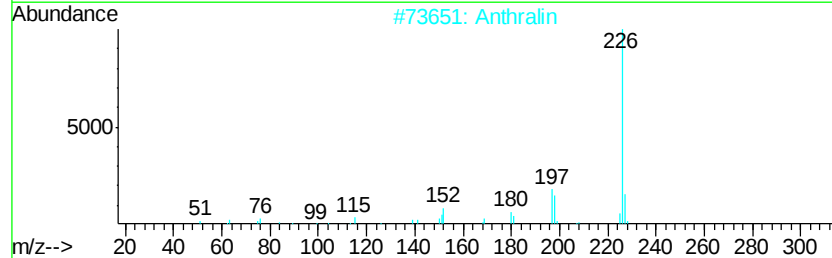
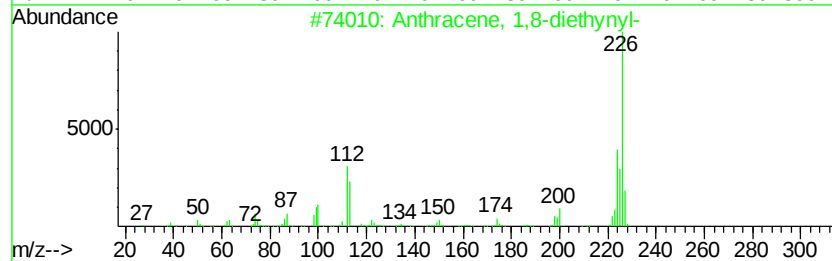
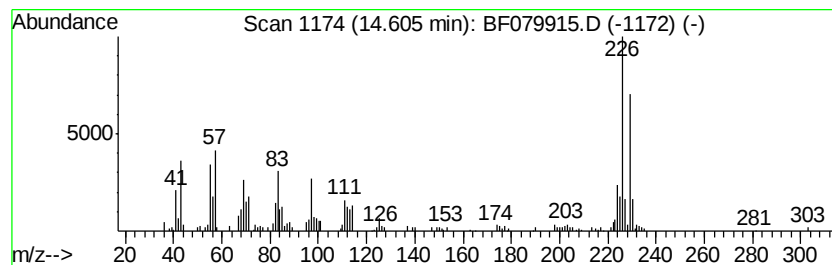
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown14.61 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	2.38 ng	222774	Chrysene-d12	14.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	46
2		Anthralin	226	C14H10O3	000480-22-8	38
3		Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	38
4		2-Phenyl-4,5-methylenedioxybenza...	226	C14H10O3	004432-95-5	35
5		1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061115\
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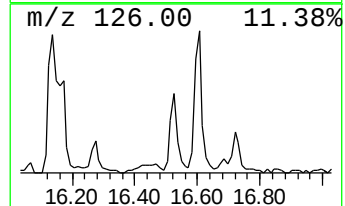
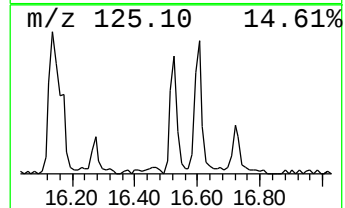
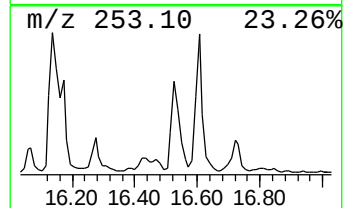
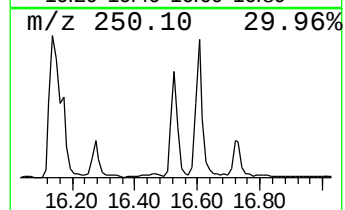
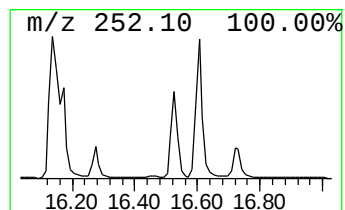
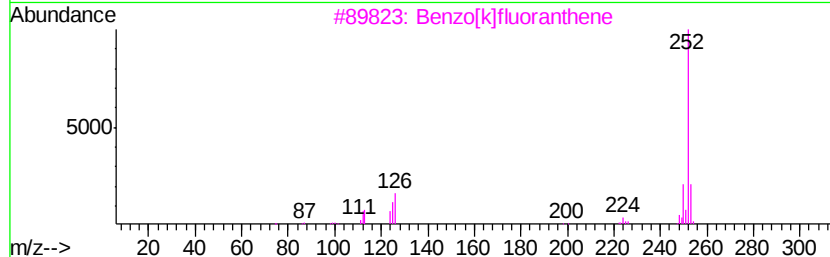
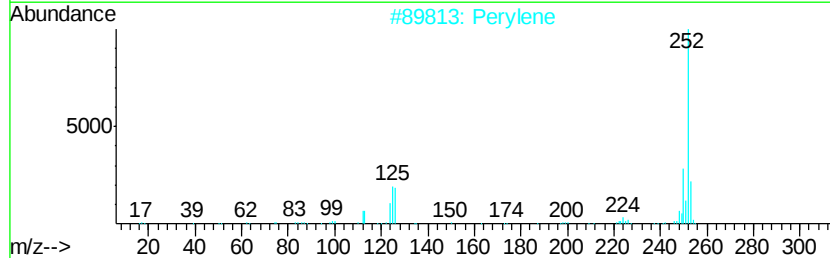
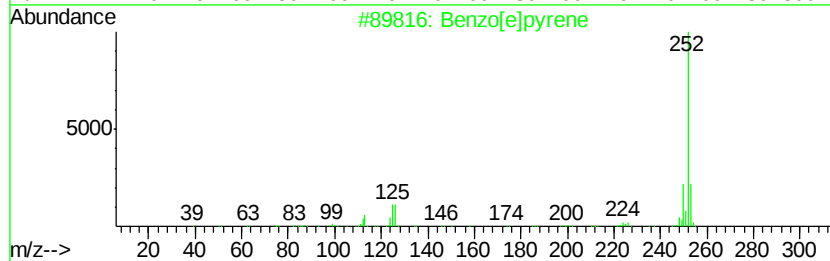
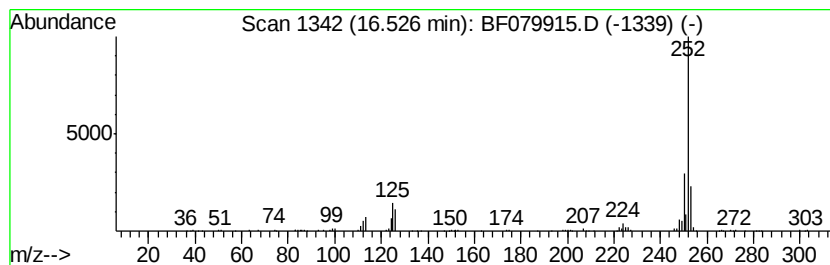
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	7.68 ng	358027	Perylene-d12	16.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Perylene	252	C20H12	000198-55-0	96
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
5		Benzo[a]pyrene	252	C20H12	000050-32-8	90



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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
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Butane, 2-methoxy...	2.71	10.1	ng	192196	1	7.39	381470	20.0
2-Pentanone, 4-hy...	5.62	9.2	ng	174432	1	7.39	381470	20.0
unknown7.16	7.16	80.0	ng	1526040	1	7.39	381470	20.0
Phenanthrene, 2-m...	12.47	3.5	ng	155529	4	11.97	891064	20.0
Phenanthrene, 1-m...	12.50	3.4	ng	151778	4	11.97	891064	20.0
4H-Cyclopenta[def...	12.59	6.5	ng	287705	4	11.97	891064	20.0
Fluoranthene, 2-m...	13.83	2.3	ng	217367	5	14.83	1869880	20.0
unknown14.61	14.61	2.4	ng	222774	5	14.83	1869880	20.0
Benzo[e]pyrene	16.53	7.7	ng	358027	6	16.69	932670	20.0