

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
 Data File : BF079497.D
 Acq On : 27 May 2015 2:23
 Operator : TP/IZ
 Sample : G2289-14 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-32D

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-BF052615.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	1.267	5	7	18	rVB2	82091	234280	5.75%	0.942%
2	1.415	18	20	26	rVB2	46458	98409	2.42%	0.396%
3	1.598	34	36	43	rVB	33021	77123	1.89%	0.310%
4	1.701	43	45	74	rVB	1944559	4073618	100.00%	16.382%
5	5.302	358	360	370	rBV	159024	238332	5.85%	0.958%
6	6.616	473	475	483	rBV	199192	267915	6.58%	1.077%
7	6.742	483	486	491	rVB	216941	264928	6.50%	1.065%
8	7.016	508	510	513	rBV	423501	400408	9.83%	1.610%
9	7.199	524	526	529	rBV	183584	199793	4.90%	0.803%
10	7.713	569	571	574	rBV	141401	149668	3.67%	0.602%
11	8.593	646	648	653	rBV	622151	600224	14.73%	2.414%
12	9.942	764	766	769	rBV	385225	330633	8.12%	1.330%
13	10.456	809	811	813	rBV	45491	46838	1.15%	0.188%
14	10.708	829	833	836	rBV2	16696	45515	1.12%	0.183%
15	10.765	836	838	840	rVV	623394	646961	15.88%	2.602%
16	10.799	840	841	843	rVB	143451	125971	3.09%	0.507%
17	11.016	858	860	863	rVV	100604	114243	2.80%	0.459%
18	11.096	863	867	871	rVV2	31438	94330	2.32%	0.379%
19	11.165	871	873	875	rVV2	24640	45338	1.11%	0.182%
20	11.439	895	897	900	rVB	187281	186492	4.58%	0.750%
21	11.645	913	915	918	rVB	50670	55382	1.36%	0.223%
22	11.748	921	924	927	rVV	186752	256168	6.29%	1.030%
23	12.125	954	957	959	rBV	40903	68673	1.69%	0.276%
24	12.319	968	974	977	rBV2	23240	88936	2.18%	0.358%
25	12.434	981	984	985	rBV	28579	45482	1.12%	0.183%
26	12.468	985	987	989	rVV	82055	77881	1.91%	0.313%
27	12.605	996	999	1000	rBV	513255	801374	19.67%	3.223%
28	12.628	1000	1001	1004	rVV	1465997	1272049	31.23%	5.116%
29	12.697	1004	1007	1009	rVB	425217	473524	11.62%	1.904%
30	12.742	1009	1011	1014	rBV2	29352	47540	1.17%	0.191%
31	12.902	1023	1025	1027	rBV	39378	58869	1.45%	0.237%
32	13.234	1051	1054	1055	rBV	120169	168782	4.14%	0.679%
33	13.257	1055	1056	1059	rVB	125548	180028	4.42%	0.724%
34	13.325	1059	1062	1063	rBV	88870	112340	2.76%	0.452%

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35	13.360	1063	1065	1067	rVV	305282	362993	8.91%	1.460%
36	13.394	1067	1068	1072	rVB	93075	78692	1.93%	0.316%
37	13.600	1085	1086	1088	rBV	68597	92451	2.27%	0.372%
38	13.782	1101	1102	1104	rBV	29308	44179	1.08%	0.178%
39	13.920	1111	1114	1115	rBV	70371	118576	2.91%	0.477%
40	13.954	1115	1117	1121	rVB3	56741	137402	3.37%	0.553%
41	14.022	1121	1123	1126	rBV2	45612	95870	2.35%	0.386%
42	14.102	1128	1130	1132	rVV	1652481	1652057	40.56%	6.644%
43	14.182	1134	1137	1139	rVB3	44764	62734	1.54%	0.252%
44	14.285	1143	1146	1148	rBV	85340	129278	3.17%	0.520%
45	14.377	1151	1154	1156	rVV	1236752	1648292	40.46%	6.629%
46	14.434	1156	1159	1162	rVV3	188339	288752	7.09%	1.161%
47	14.537	1166	1168	1170	rBV2	72779	112358	2.76%	0.452%
48	14.594	1170	1173	1176	rVB2	433817	465185	11.42%	1.871%
49	14.674	1176	1180	1181	rBV2	64516	130868	3.21%	0.526%
50	14.765	1186	1188	1189	rBV2	49358	78306	1.92%	0.315%
51	14.800	1189	1191	1193	rVB	212243	242773	5.96%	0.976%
52	14.880	1196	1198	1200	rVB	183850	204302	5.02%	0.822%
53	14.925	1200	1202	1207	rBV2	135718	245798	6.03%	0.988%
54	15.040	1210	1212	1213	rBV	61091	67913	1.67%	0.273%
55	15.074	1213	1215	1218	rBV	51417	68873	1.69%	0.277%
56	15.314	1234	1236	1240	rBV2	130877	177805	4.36%	0.715%
57	15.405	1243	1244	1246	rBV2	49453	58751	1.44%	0.236%
58	15.565	1256	1258	1260	rBV	79232	96634	2.37%	0.389%
59	15.600	1260	1261	1264	rBV2	80540	140592	3.45%	0.565%
60	15.783	1274	1277	1279	rBV	81539	139763	3.43%	0.562%
61	15.874	1282	1285	1287	rBV2	914035	1556904	38.22%	6.261%
62	16.011	1294	1297	1298	rBV2	98596	149662	3.67%	0.602%
63	16.183	1310	1312	1316	rVB2	120284	157229	3.86%	0.632%
64	16.377	1327	1329	1331	rVB	83903	82754	2.03%	0.333%
65	17.166	1395	1398	1403	rBV	500734	1112644	27.31%	4.474%
66	17.474	1423	1425	1428	rBV	330253	415102	10.19%	1.669%
67	17.543	1428	1431	1433	rBV	469523	661102	16.23%	2.659%
68	17.600	1434	1436	1443	rVV2	640533	989813	24.30%	3.981%
69	18.926	1550	1552	1558	rVB2	218196	491175	12.06%	1.975%
70	19.314	1584	1586	1591	rBV	178436	360869	8.86%	1.451%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

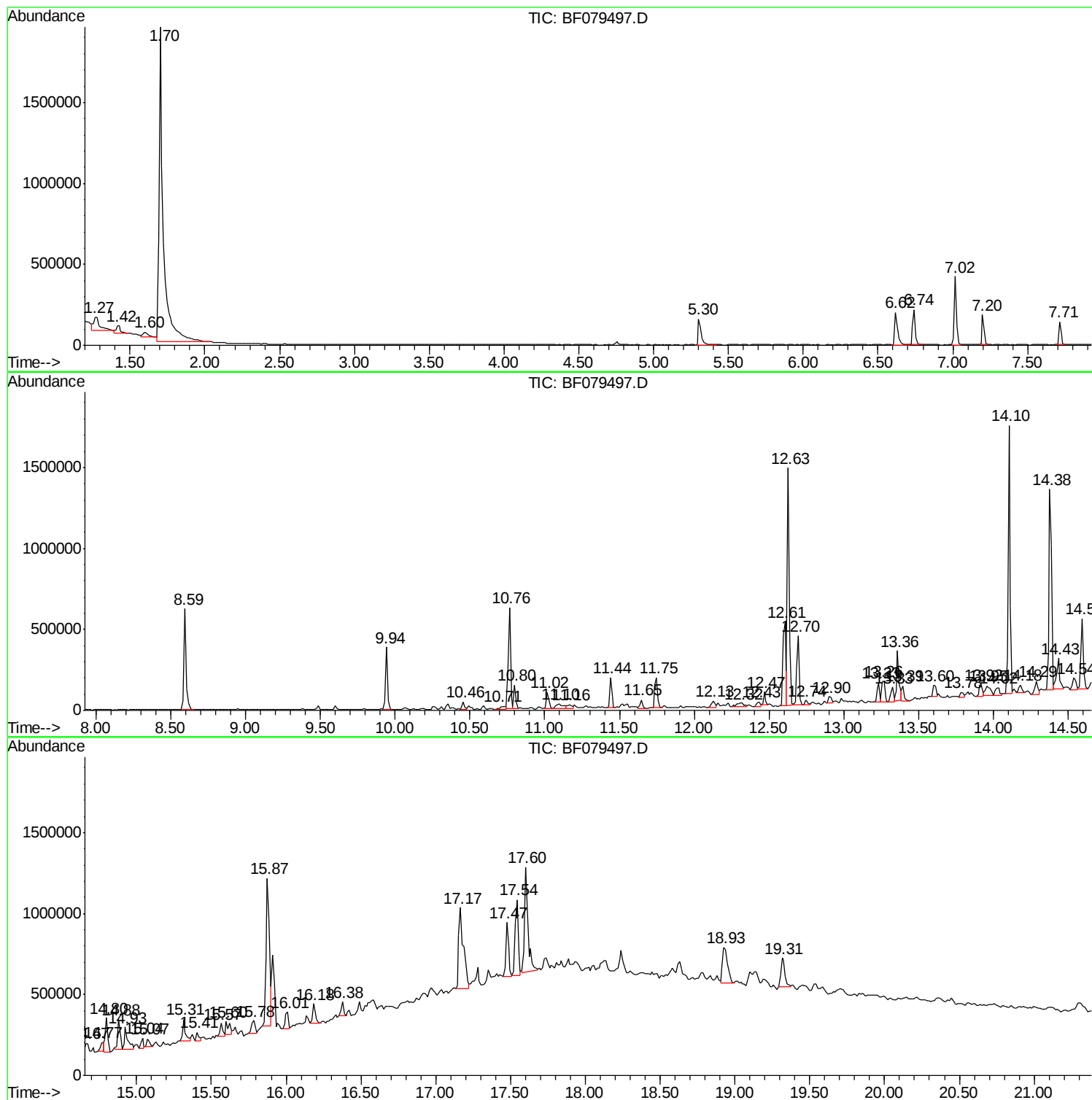
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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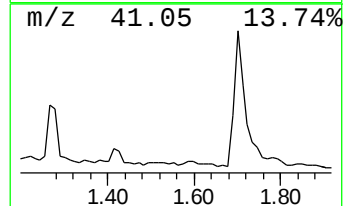
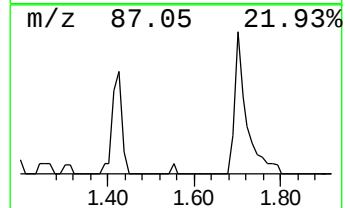
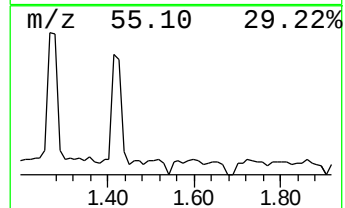
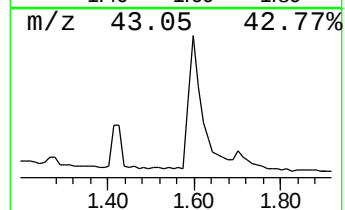
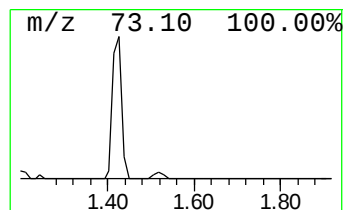
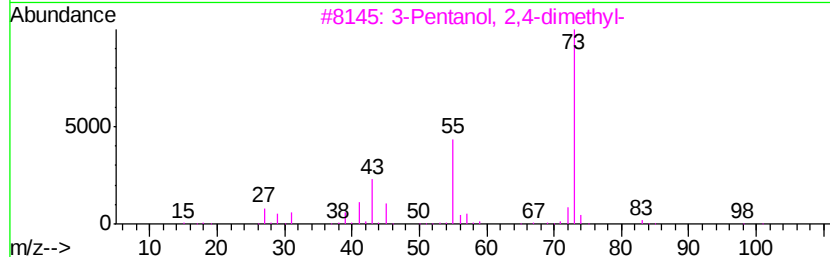
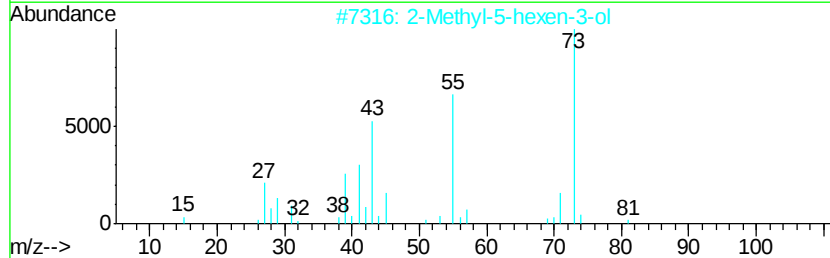
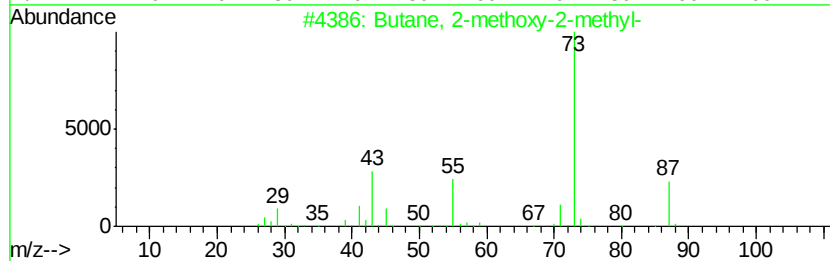
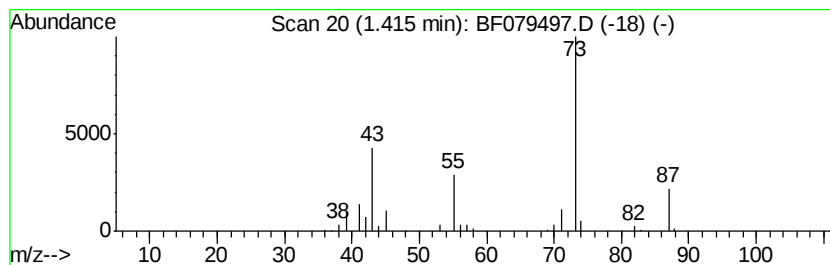
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.42	4.92 ng	98409	1,4-Dichlorobenzene-d4	7.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	40
3		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4		1,4-Butanediamine	88	C4H12N2	000110-60-1	10
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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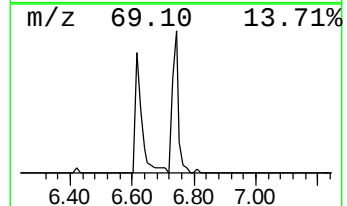
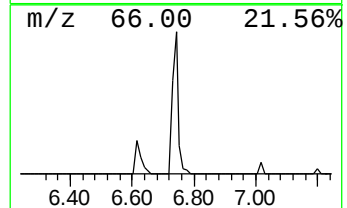
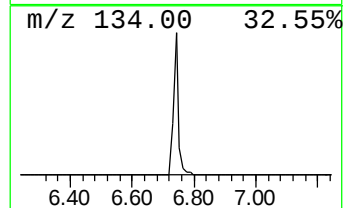
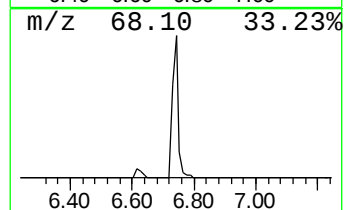
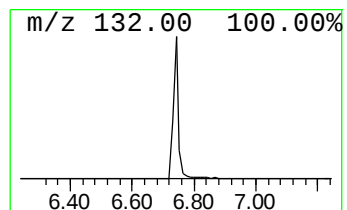
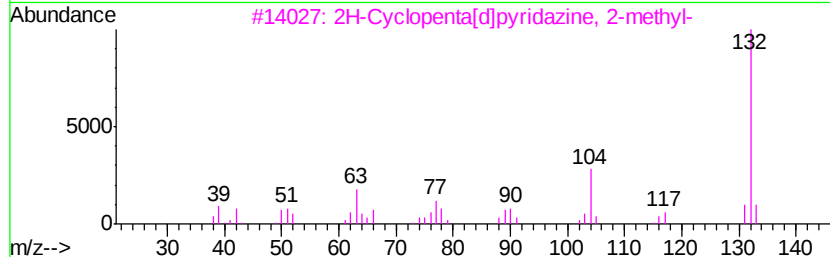
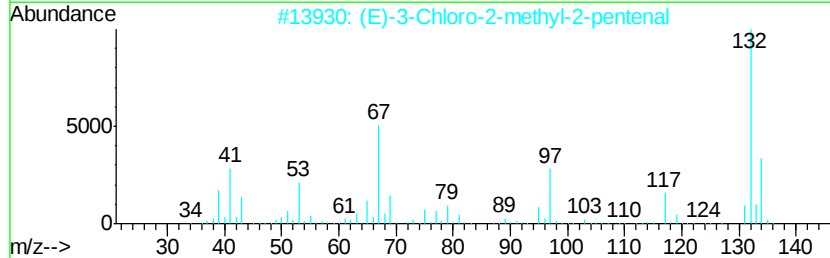
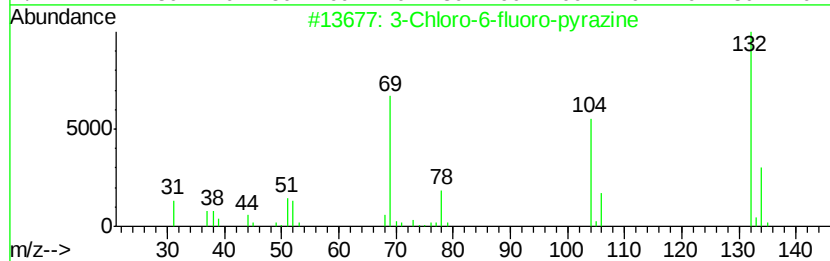
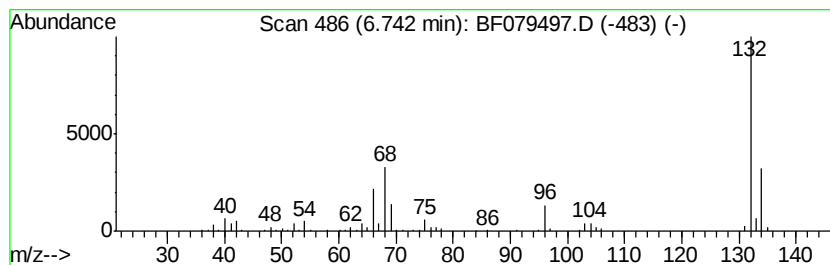
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown6.74 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	13.23 ng	264928	1,4-Dichlorobenzene-d4	7.02

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	17
3		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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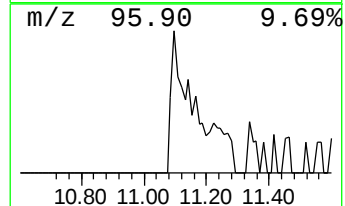
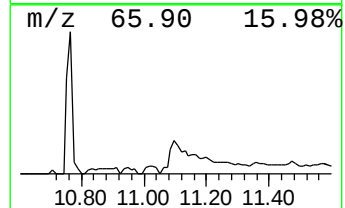
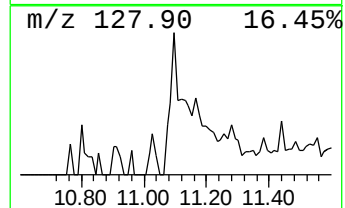
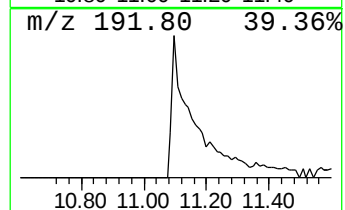
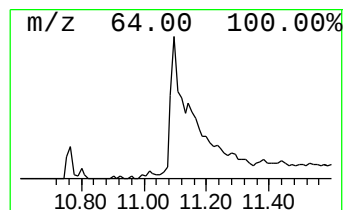
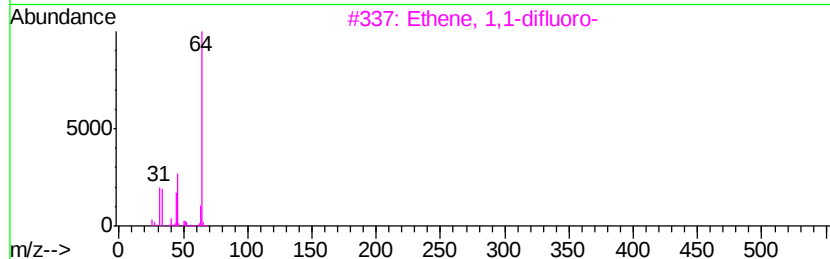
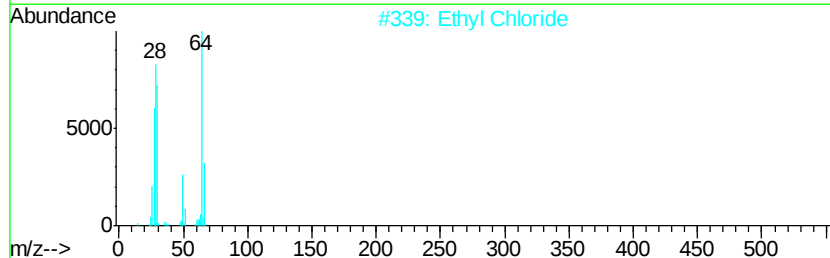
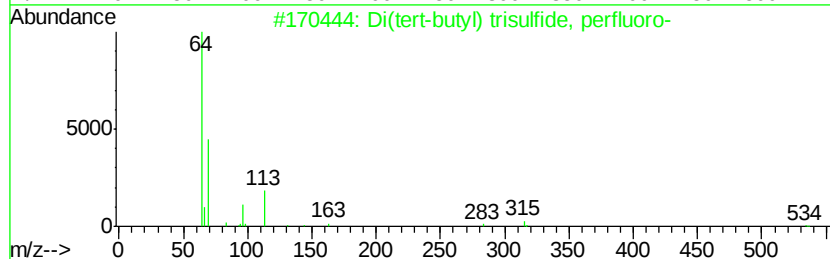
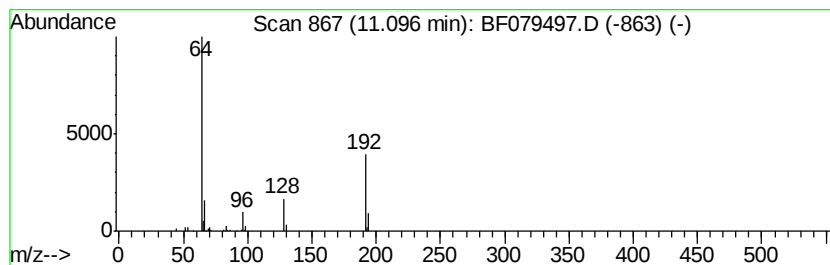
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown11.10 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	2.92 ng	94330	Acenaphthene-d10	10.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Di(tert-butyl) trisulfide, perfl...	534	C8F18S3	016005-64-4	40
2		Ethyl Chloride	64	C2H5Cl	000075-00-3	4
3		Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4
4		Sulfur dioxide	64	O2S	007446-09-5	3
5		Ethene, 1,2-difluoro-	64	C2H2F2	001691-13-0	3



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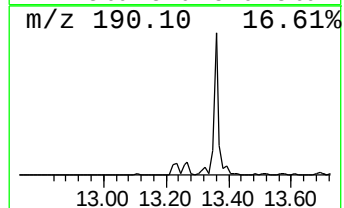
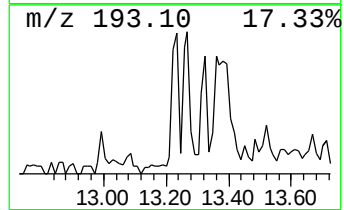
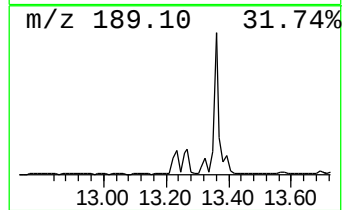
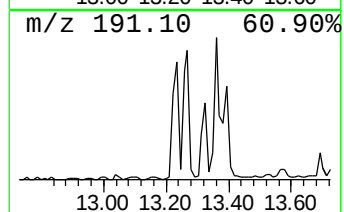
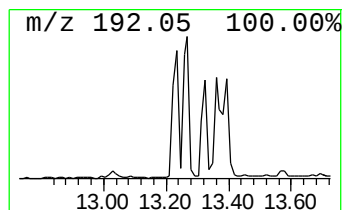
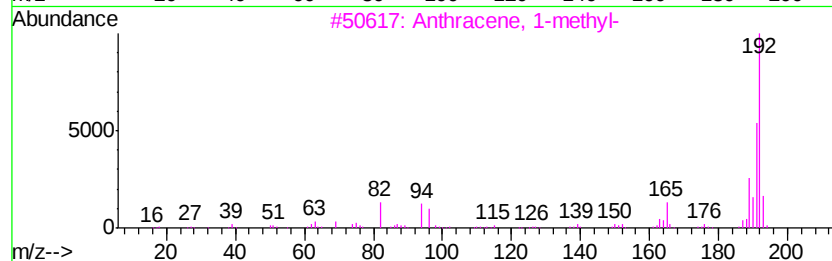
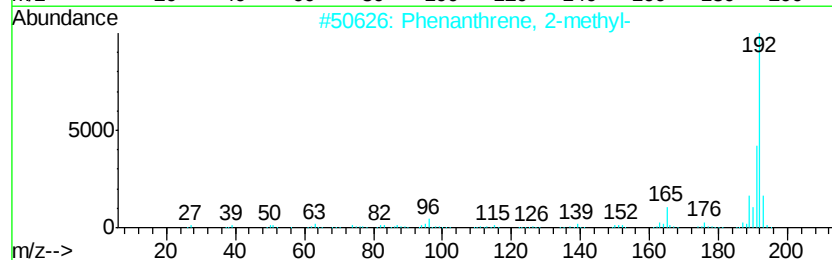
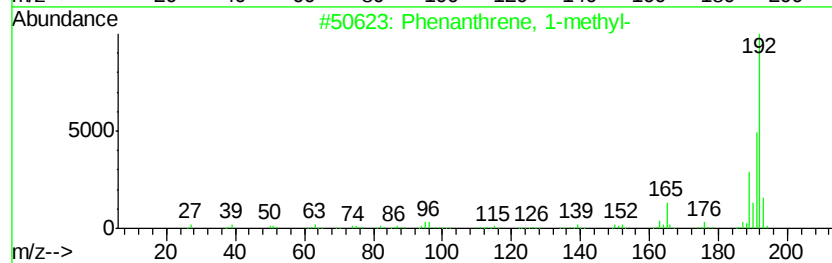
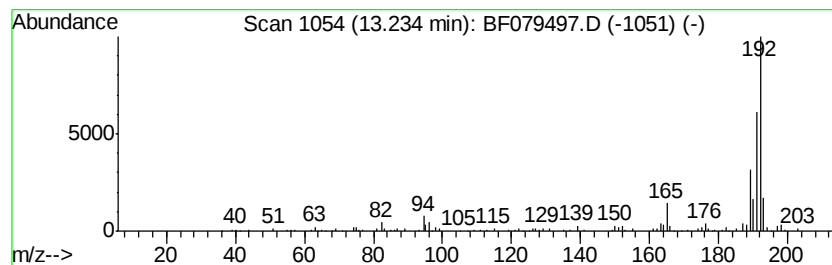
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TIC Integration Parameters: LSCINT.P

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	4.21 ng	168782	Phenanthrene-d10	12.61

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93



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Sample : G2289-14 5X
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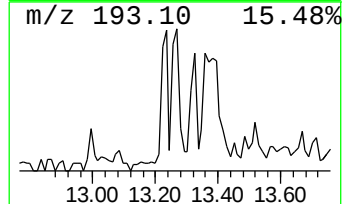
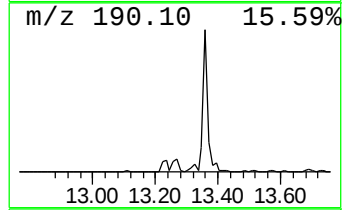
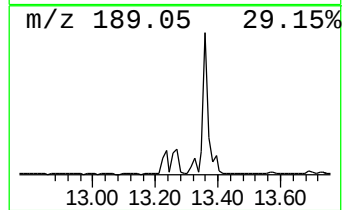
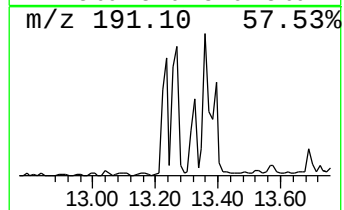
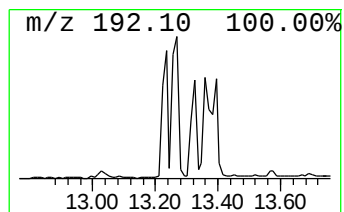
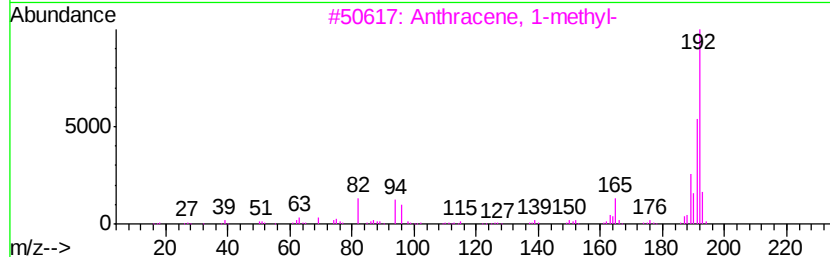
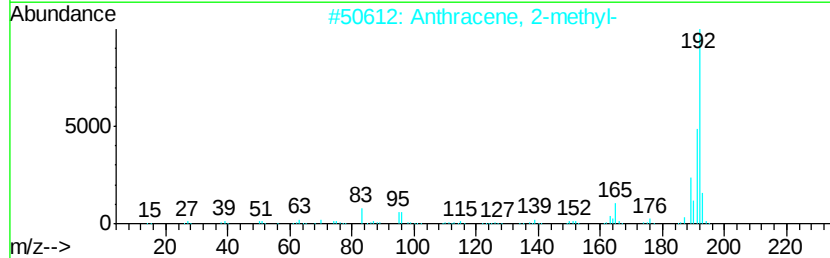
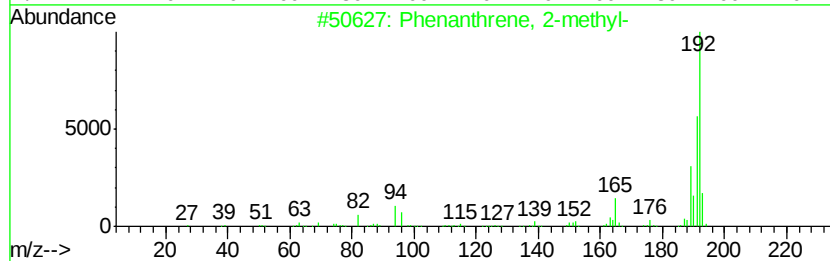
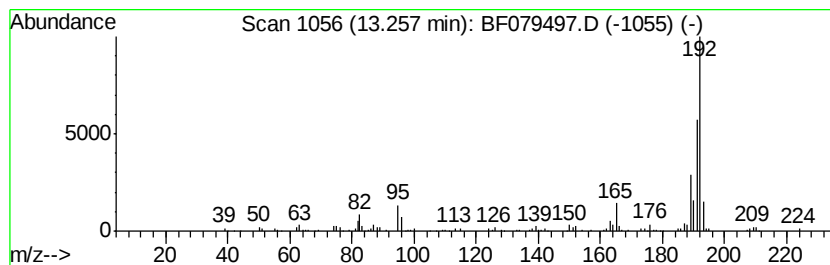
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.26	4.49 ng	180028	Phenanthrene-d10	12.61	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96



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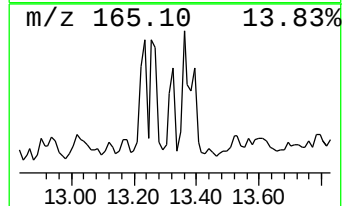
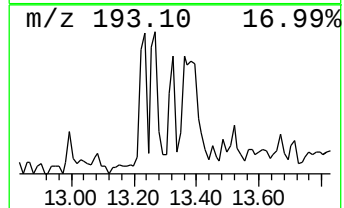
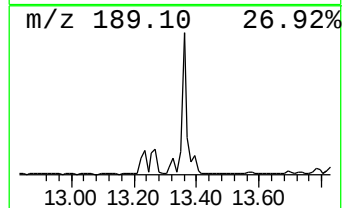
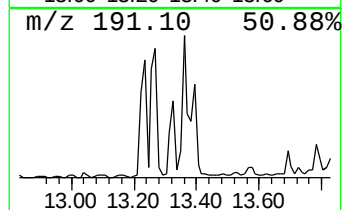
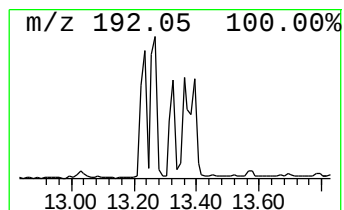
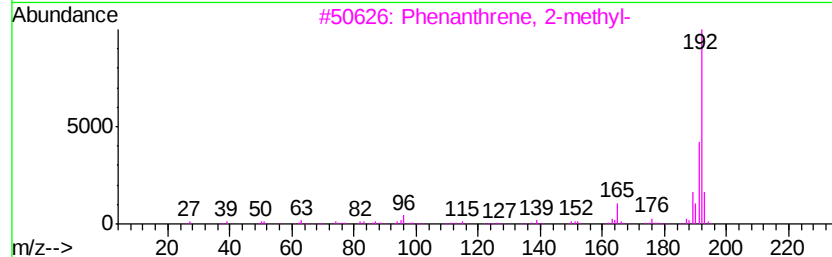
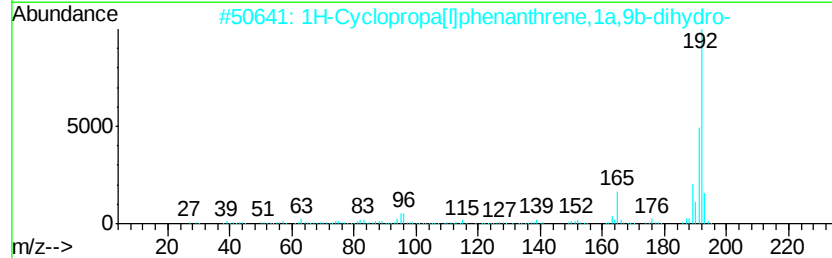
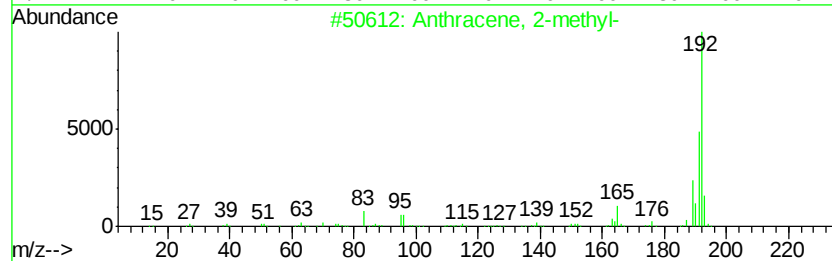
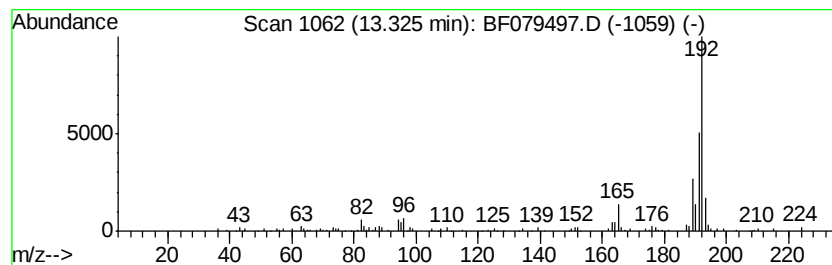
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Anthracene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	2.80 ng	112340	Phenanthrene-d10	12.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



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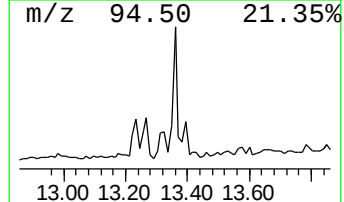
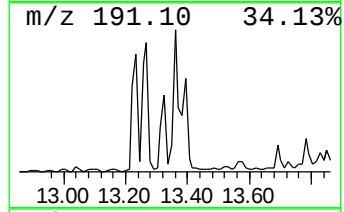
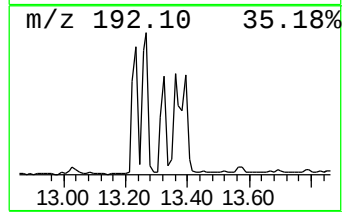
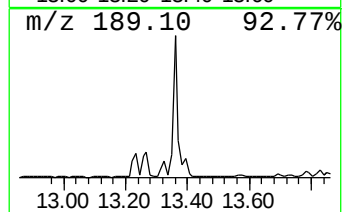
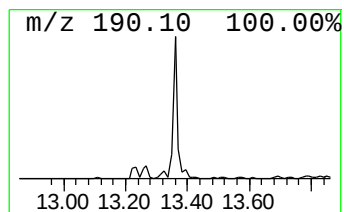
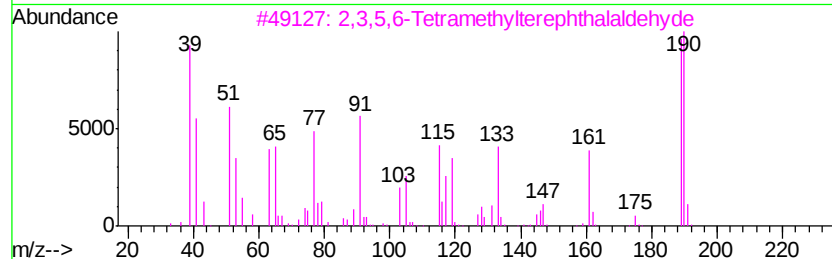
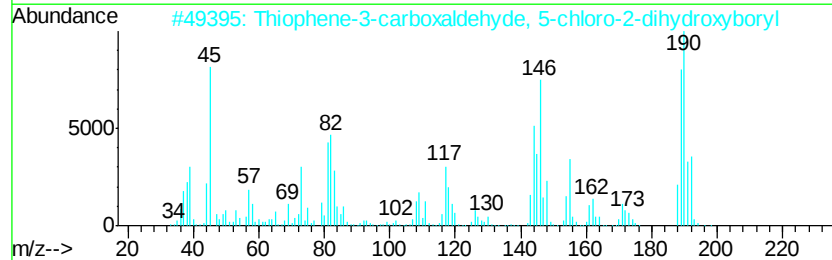
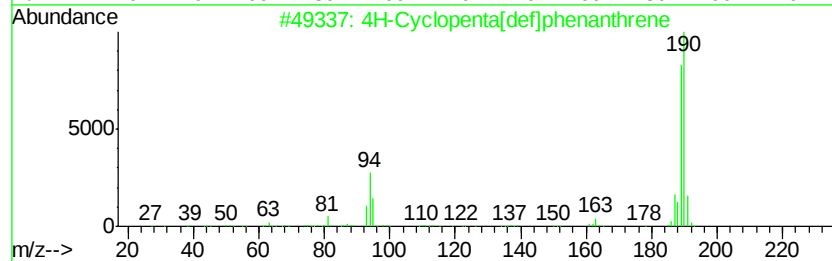
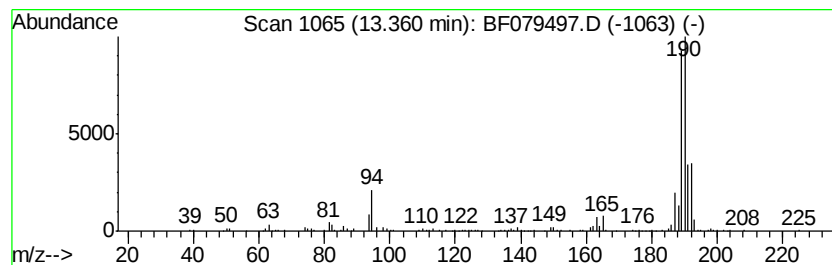
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.36	9.06 ng	362993	Phenanthrene-d10	12.61	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
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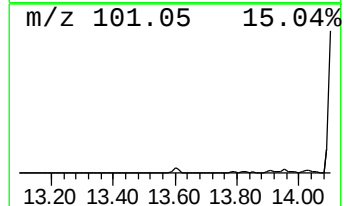
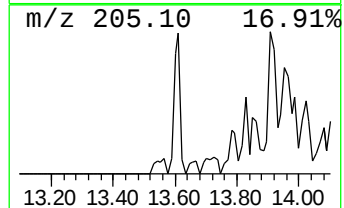
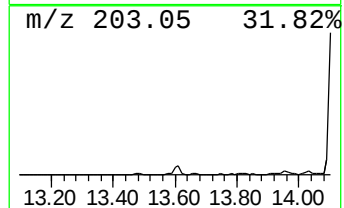
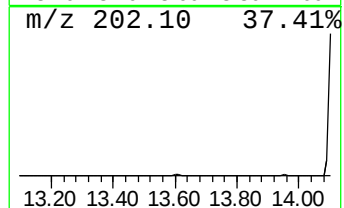
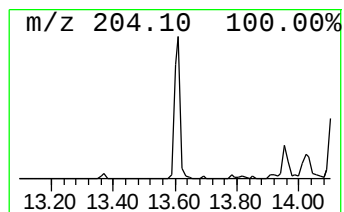
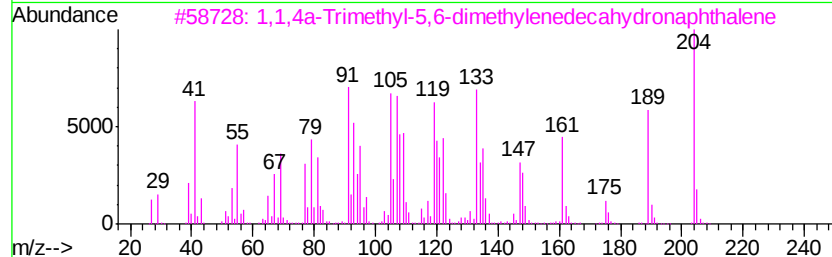
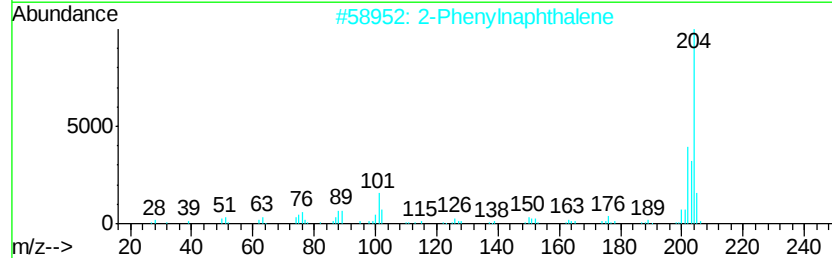
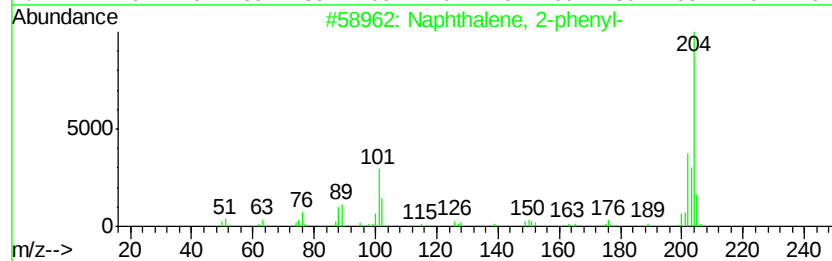
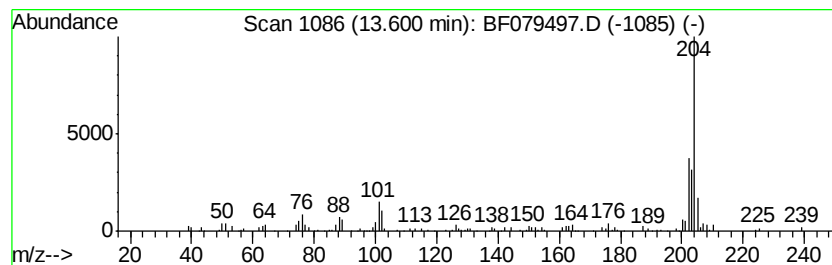
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	2.31 ng	92451	Phenanthrene-d10	12.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2			2-Phenylnaphthalene	204	C16H12	035465-71-5	90
3			1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	89
4			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
5			6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
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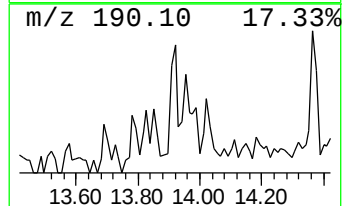
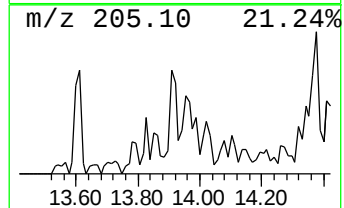
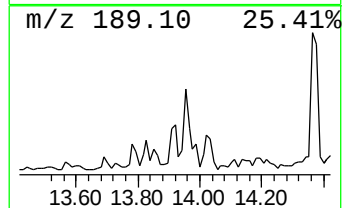
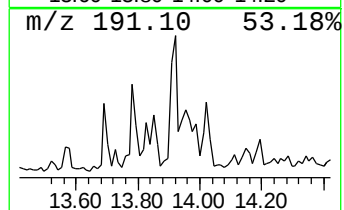
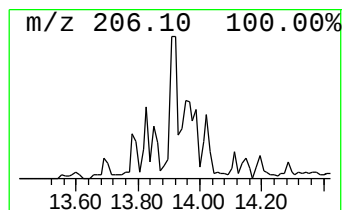
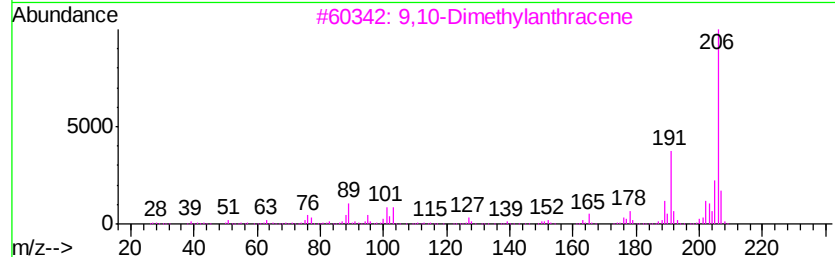
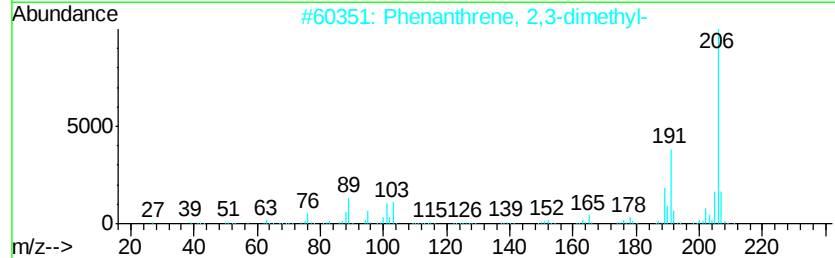
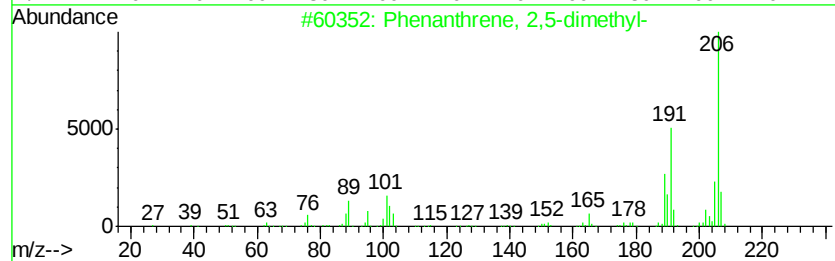
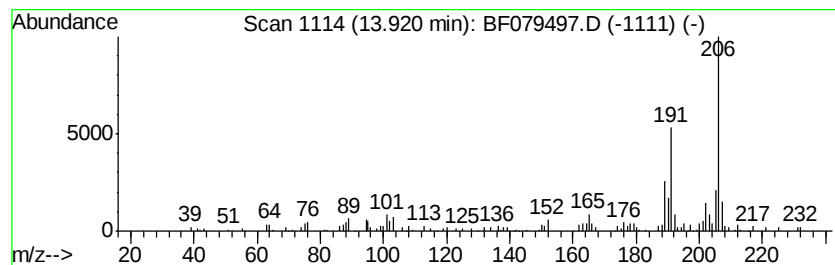
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	2.96 ng	118576	Phenanthrene-d10	12.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3			9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4			1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	90
5			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90



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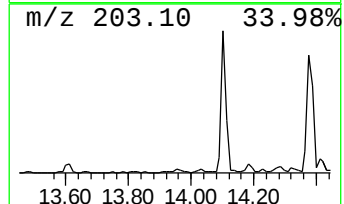
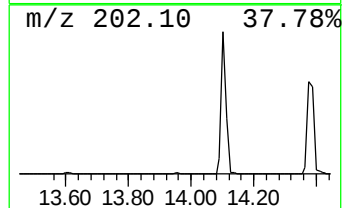
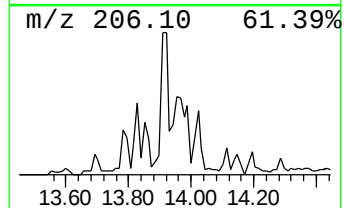
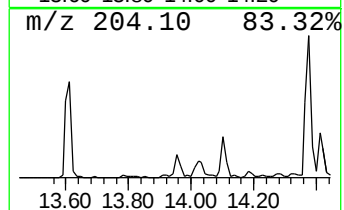
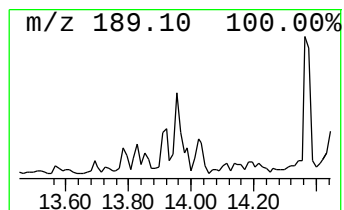
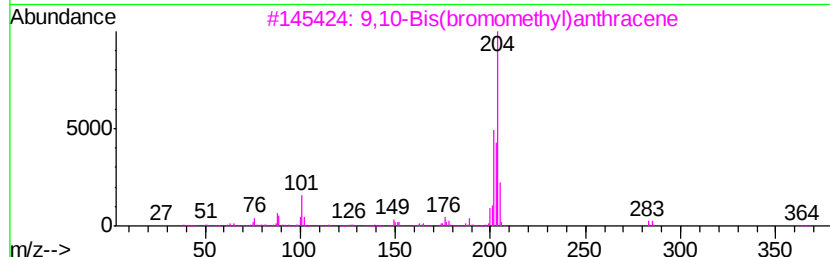
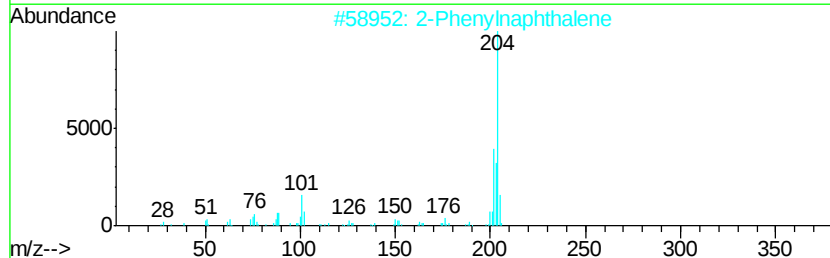
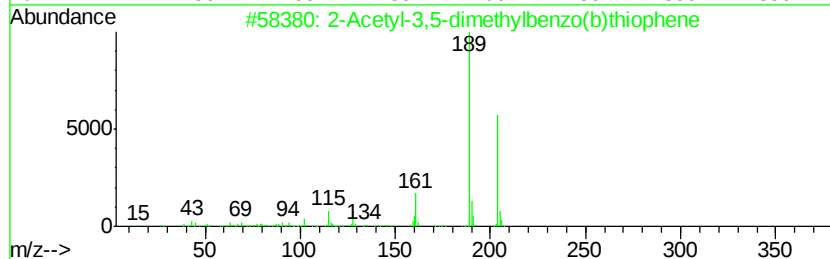
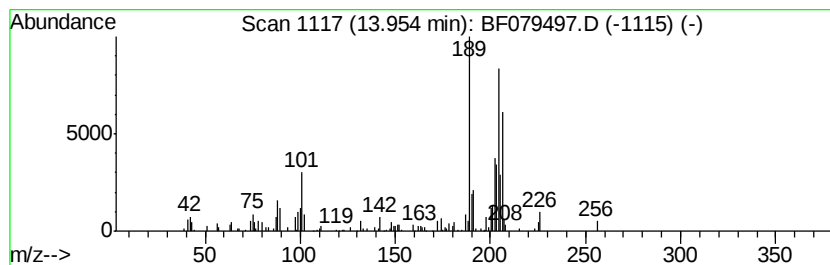
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown13.95 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	3.43 ng	137402	Phenanthrene-d10	12.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Acetyl-3,5-dimethylbenzo(b)thi...	204	C12H12OS	006179-05-1	38
2		2-Phenylnaphthalene	204	C16H12	035465-71-5	38
3		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	35
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	30
5		Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052615\
Data File : BF079497.D
Acq On : 27 May 2015 2:23
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ALS Vial : 20 Sample Multiplier: 1

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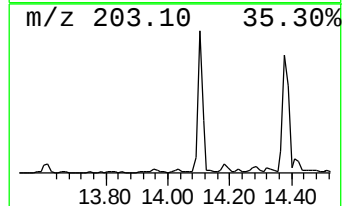
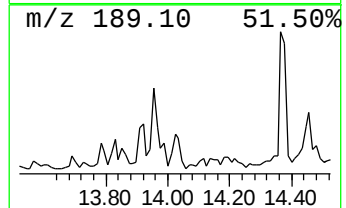
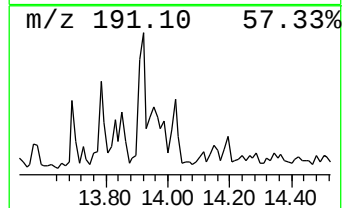
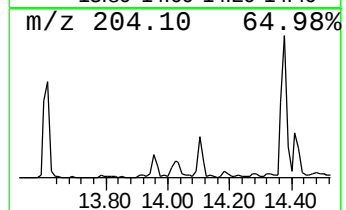
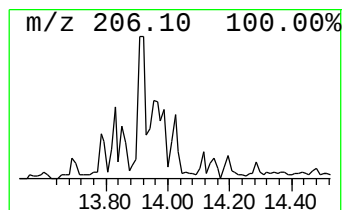
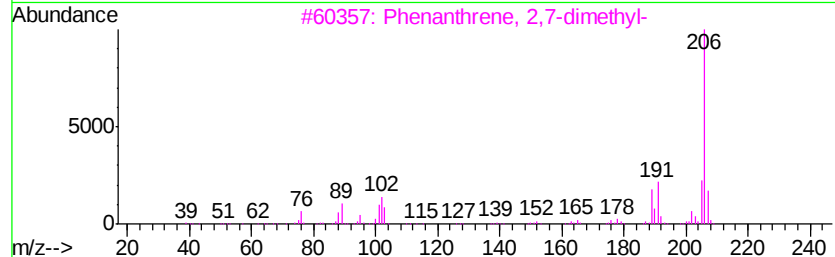
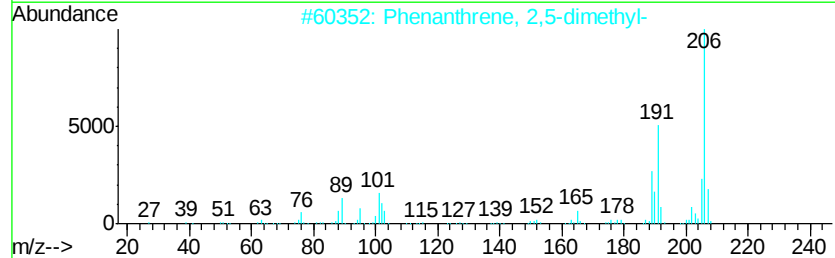
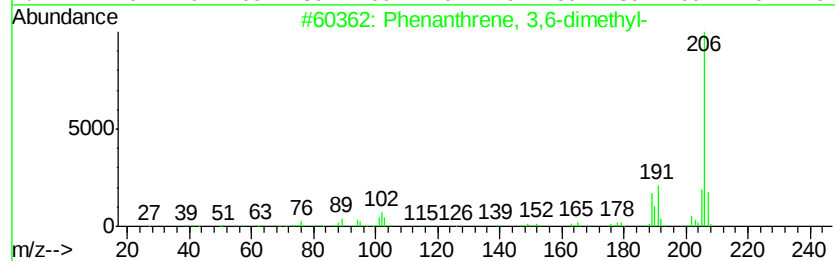
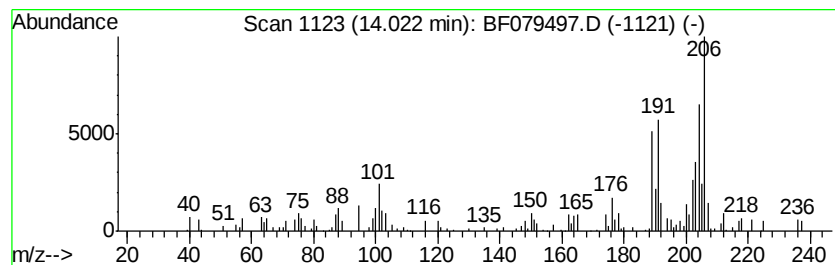
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 3,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	2.39 ng	95870	Phenanthrene-d10	12.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	78
3		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	70
4		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	60
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052615\
Data File : BF079497.D
Acq On : 27 May 2015 2:23
Operator : TP/IZ
Sample : G2289-14 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-32D

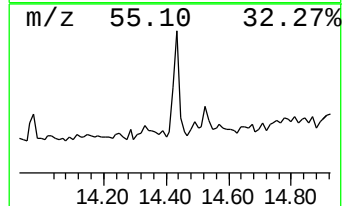
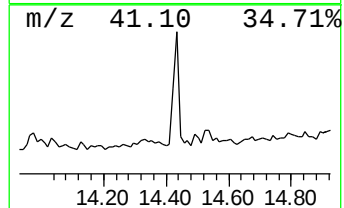
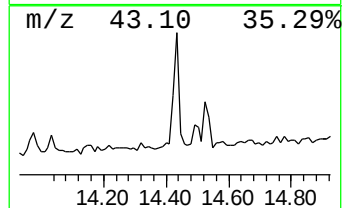
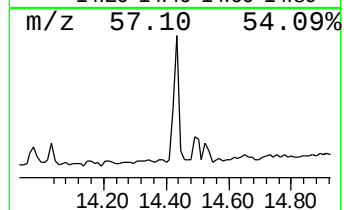
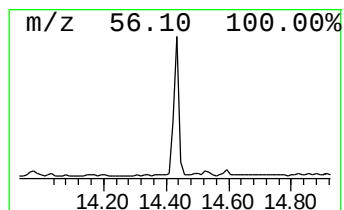
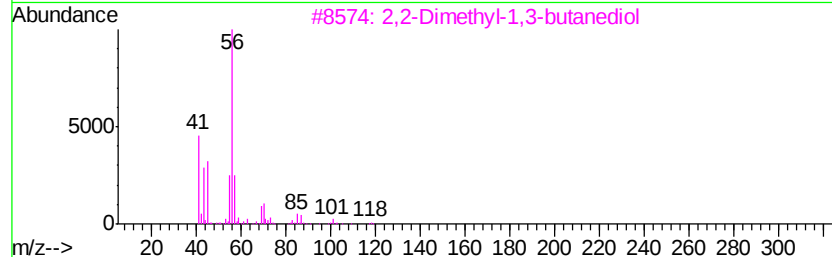
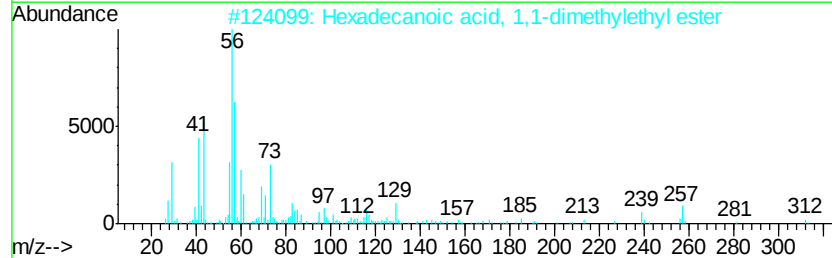
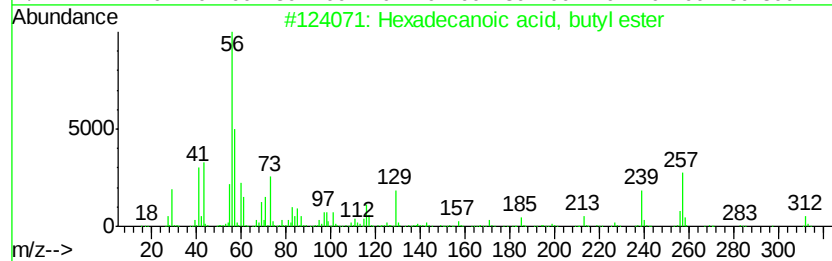
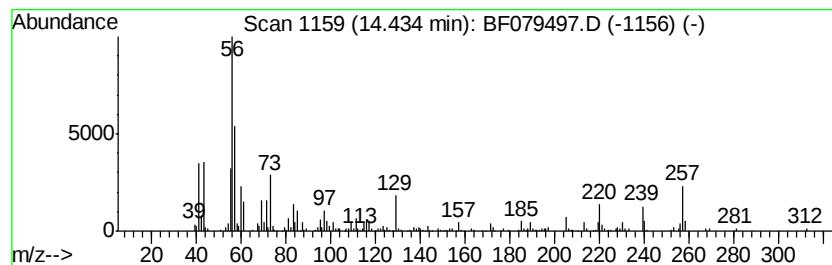
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecanoic acid, butyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	3.71 ng	288752	Chrysene-d12	15.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	86
2			Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	46
3			2,2-Dimethyl-1,3-butanediol	118	C6H14O2	000076-35-7	35
4			Cyclohexane, (1,1-dimethylethyl)-	140	C10H20	003178-22-1	30
5			1-Hexene, 4-methyl-	98	C7H14	003769-23-1	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079497.D
Acq On : 27 May 2015 2:23
Operator : TP/IZ
Sample : G2289-14 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-32D

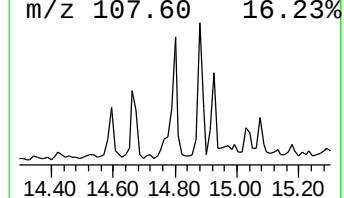
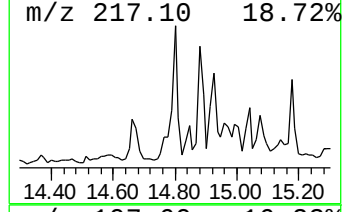
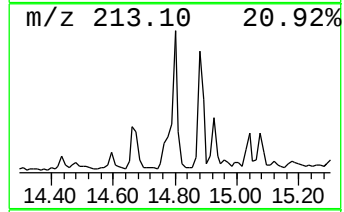
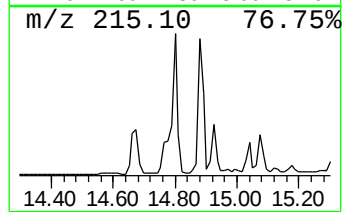
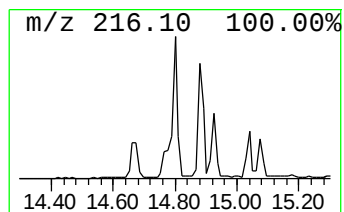
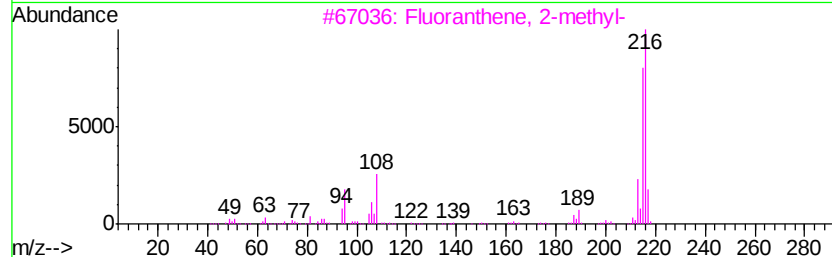
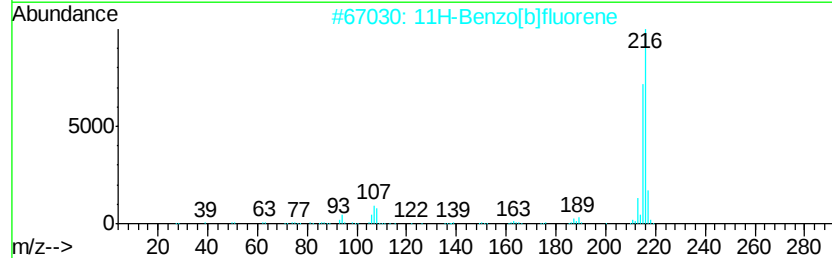
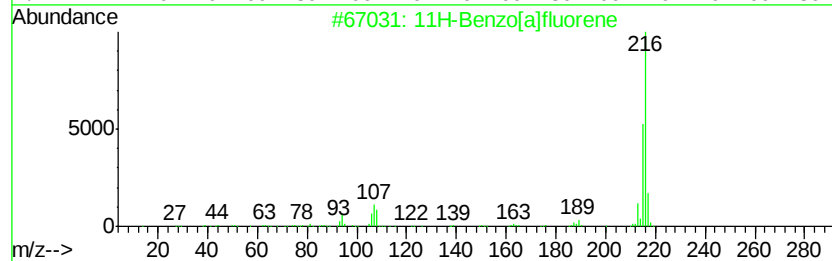
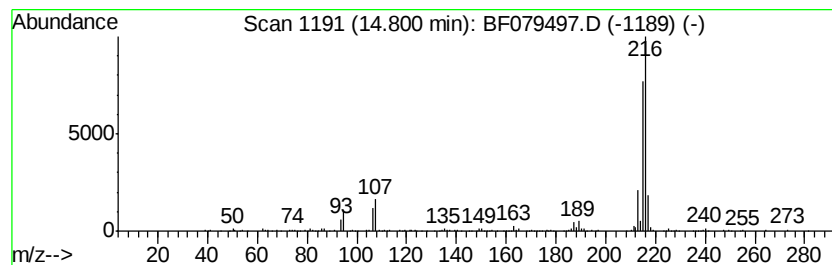
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	3.12 ng	242773	Chrysene-d12	15.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
4			Pvrene, 2-methyl-	216	C17H12	003442-78-2	89
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079497.D
Acq On : 27 May 2015 2:23
Operator : TP/IZ
Sample : G2289-14 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-32D

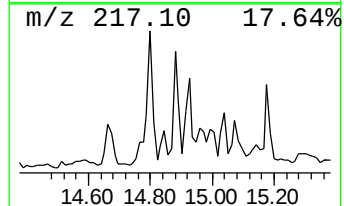
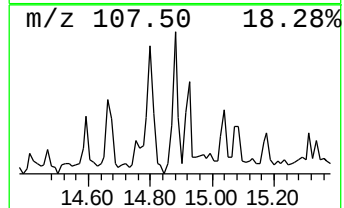
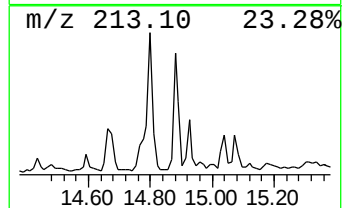
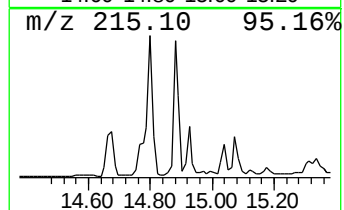
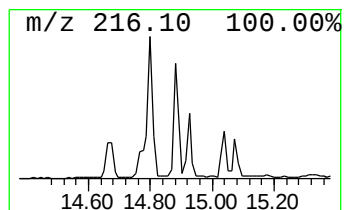
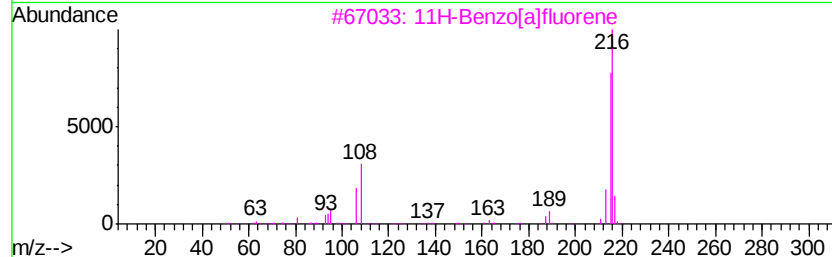
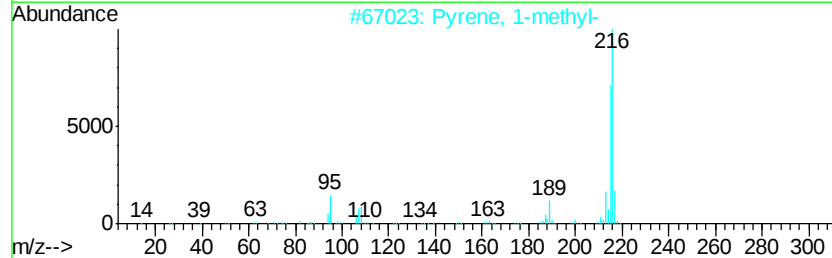
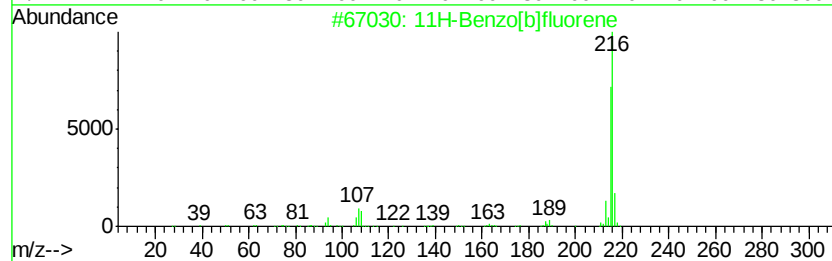
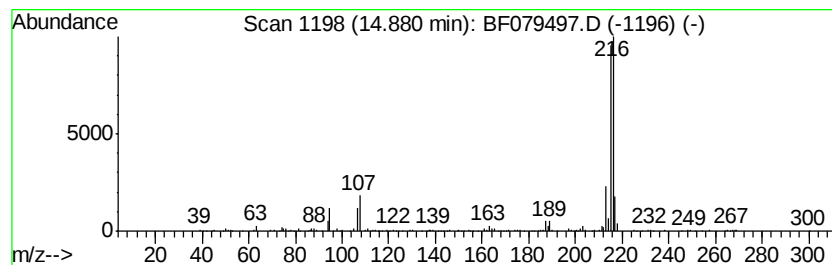
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	2.62 ng	204302	Chrysene-d12	15.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4			Pyrene, 2-methyl-	216	C17H12	003442-78-2	58
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052615\
Data File : BF079497.D
Acq On : 27 May 2015 2:23
Operator : TP/IZ
Sample : G2289-14 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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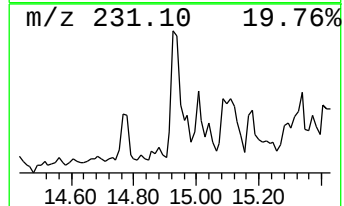
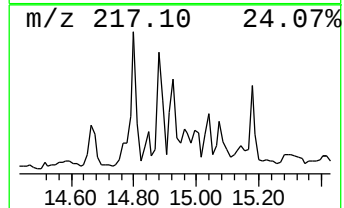
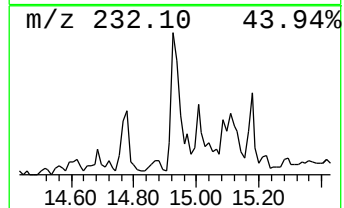
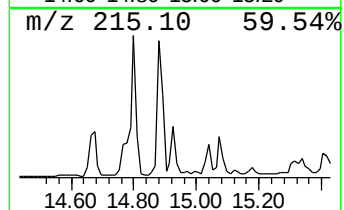
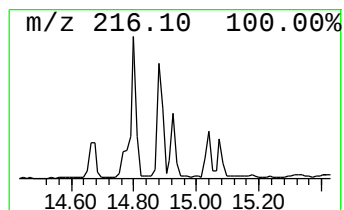
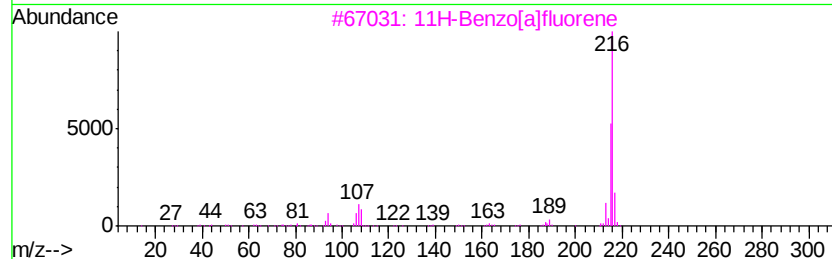
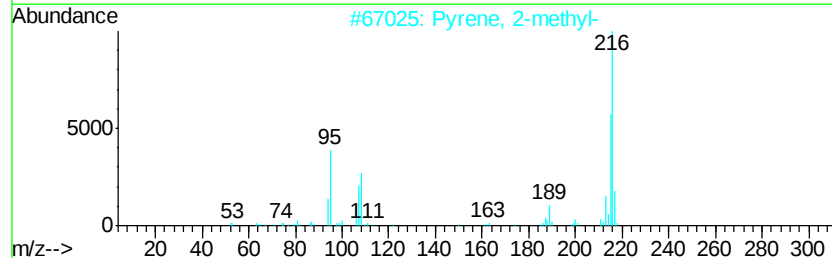
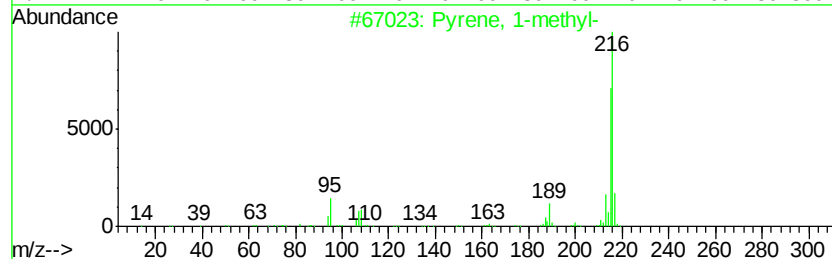
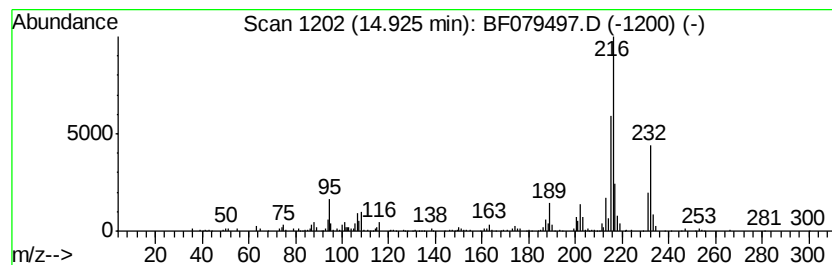
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	3.16 ng	245798	Chrysene-d12	15.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	78
4		Pyrene, 4-methyl-	216	C17H12	003353-12-6	55
5		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052615\
 Data File : BF079497.D
 Acq On : 27 May 2015 2:23
 Operator : TP/IZ
 Sample : G2289-14 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-32D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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
Butane, 2-methoxy...	1.42	4.9 ng		98409	1	7.02	400408	20.0
unknown6.74	6.74	13.2 ng		264928	1	7.02	400408	20.0
unknown11.10	11.10	2.9 ng		94330	3	10.77	646961	20.0
Phenanthrene, 1-m...	13.23	4.2 ng		168782	4	12.61	801374	20.0
Phenanthrene, 2-m...	13.26	4.5 ng		180028	4	12.61	801374	20.0
Anthracene, 2-met...	13.33	2.8 ng		112340	4	12.61	801374	20.0
4H-Cyclopenta[def...	13.36	9.1 ng		362993	4	12.61	801374	20.0
Naphthalene, 2-ph...	13.60	2.3 ng		92451	4	12.61	801374	20.0
Phenanthrene, 2,5...	13.92	3.0 ng		118576	4	12.61	801374	20.0
unknown13.95	13.95	3.4 ng		137402	4	12.61	801374	20.0
Phenanthrene, 3,6...	14.02	2.4 ng		95870	4	12.61	801374	20.0
Hexadecanoic acid...	14.43	3.7 ng		288752	5	15.89	1556900	20.0
11H-Benzo[a]fluorene	14.80	3.1 ng		242773	5	15.89	1556900	20.0
11H-Benzo[b]fluorene	14.88	2.6 ng		204302	5	15.89	1556900	20.0
Pyrene, 1-methyl-	14.93	3.2 ng		245798	5	15.89	1556900	20.0