

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100818.D
 Acq On : 22 Nov 2017 11:30
 Operator : SJ/JU
 Sample : I6557-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3407-RT-1867-2077

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-BF110817.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	5.110	509	514	524	rBV	169531	269289	10.62%	0.910%
2	5.499	574	580	583	rBV	2070902	2157728	85.06%	7.293%
3	6.504	745	751	756	rBV2	1848592	2348829	92.59%	7.939%
4	6.646	770	775	778	rBV	2277006	2279179	89.85%	7.704%
5	6.875	810	814	817	rVB	571821	492293	19.41%	1.664%
6	7.028	836	840	844	rBV	1804579	1782748	70.28%	6.026%
7	7.440	905	910	913	rVV	1429115	1425976	56.21%	4.820%
8	7.516	917	923	926	rVB5	59139	74805	2.95%	0.253%
9	7.651	942	946	948	rBV	58057	61617	2.43%	0.208%
10	7.675	948	950	956	rVB3	50291	54941	2.17%	0.186%
11	7.745	958	962	965	rBV	60414	64669	2.55%	0.219%
12	7.793	967	970	976	rVB4	47744	72277	2.85%	0.244%
13	7.992	1001	1004	1006	rVB	58585	45332	1.79%	0.153%
14	8.051	1011	1014	1019	rBV5	43559	55332	2.18%	0.187%
15	8.098	1019	1022	1025	rBV2	93298	97498	3.84%	0.330%
16	8.151	1025	1031	1037	rVV	717760	792953	31.26%	2.680%
17	8.204	1037	1040	1043	rVB3	138059	133136	5.25%	0.450%
18	8.234	1043	1045	1048	rBV3	68182	70344	2.77%	0.238%
19	8.351	1063	1065	1068	rVB3	64670	53120	2.09%	0.180%
20	8.392	1068	1072	1074	rBV2	108753	139341	5.49%	0.471%
21	8.445	1078	1081	1084	rVB3	121006	136960	5.40%	0.463%
22	8.498	1088	1090	1093	rVB2	52578	49095	1.94%	0.166%
23	8.540	1093	1097	1099	rBV2	89645	112469	4.43%	0.380%
24	8.569	1099	1102	1103	rBV2	64189	47734	1.88%	0.161%
25	8.592	1103	1106	1108	rBV3	99131	89117	3.51%	0.301%
26	8.616	1108	1110	1113	rVB	165339	146764	5.79%	0.496%
27	8.657	1113	1117	1119	rBV	177911	163618	6.45%	0.553%
28	8.681	1119	1121	1122	rBV2	49382	41546	1.64%	0.140%
29	8.740	1129	1131	1134	rVB3	71222	55800	2.20%	0.189%
30	8.775	1134	1137	1138	rBV2	85413	92761	3.66%	0.314%
31	8.840	1146	1148	1154	rVB6	108721	126829	5.00%	0.429%
32	8.898	1156	1158	1160	rVB2	88396	61224	2.41%	0.207%
33	8.928	1160	1163	1166	rBV3	118148	126977	5.01%	0.429%
34	8.975	1166	1171	1173	rBV2	267597	289958	11.43%	0.980%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	9.028	1178	1180	1184	rVB3	109796	106618	4.20%	0.360%
36	9.092	1188	1191	1192	rBV3	121770	124795	4.92%	0.422%
37	9.151	1198	1201	1202	rBV3	123395	109659	4.32%	0.371%
38	9.169	1202	1204	1207	rVV3	120782	105218	4.15%	0.356%
39	9.234	1210	1215	1218	rBV	2572626	2536751	100.00%	8.574%
40	9.269	1219	1221	1223	rBV3	107276	111670	4.40%	0.377%
41	9.304	1224	1227	1231	rBV3	422821	554258	21.85%	1.873%
42	9.381	1238	1240	1242	rVB	159138	117630	4.64%	0.398%
43	9.410	1243	1245	1249	rVB4	170358	238015	9.38%	0.805%
44	9.545	1265	1268	1270	rBV4	333507	357363	14.09%	1.208%
45	9.575	1270	1273	1275	rVV3	253525	334947	13.20%	1.132%
46	9.622	1278	1281	1285	rBV2	652647	820761	32.35%	2.774%
47	9.781	1305	1308	1310	rBV3	506887	580427	22.88%	1.962%
48	9.828	1313	1316	1319	rVB4	753770	821426	32.38%	2.777%
49	9.898	1325	1328	1329	rBV3	454311	453625	17.88%	1.533%
50	9.916	1329	1331	1334	rVB2	661330	564037	22.23%	1.907%
51	10.328	1398	1401	1403	rBV2	826712	801497	31.60%	2.709%
52	13.004	1852	1856	1863	rVB	1224718	1449107	57.12%	4.898%
53	13.863	2000	2002	2009	rVB4	312689	371192	14.63%	1.255%
54	14.039	2028	2032	2035	rBV2	572252	808995	31.89%	2.734%
55	14.069	2035	2037	2045	rVB	379594	357387	14.09%	1.208%
56	14.145	2048	2050	2052	rBV	67235	52679	2.08%	0.178%
57	14.457	2101	2103	2107	rVB2	53173	46958	1.85%	0.159%
58	14.516	2107	2113	2116	rVV	917552	930506	36.68%	3.145%
59	14.569	2120	2122	2125	rVB	64128	55717	2.20%	0.188%
60	14.939	2183	2185	2189	rVB3	47351	49239	1.94%	0.166%
61	15.080	2204	2209	2212	rBV	335767	528363	20.83%	1.786%
62	15.186	2224	2227	2230	rVB	73420	80098	3.16%	0.271%
63	15.386	2256	2261	2267	rVB	191563	254727	10.04%	0.861%
64	15.445	2267	2271	2276	rVV	251956	318558	12.56%	1.077%
65	15.516	2277	2283	2286	rVV	438635	598929	23.61%	2.024%
66	15.539	2286	2287	2293	rVB2	90705	96345	3.80%	0.326%
67	15.727	2315	2319	2326	rVB6	33508	60248	2.38%	0.204%
68	15.951	2353	2357	2362	rBV4	46426	64545	2.54%	0.218%
69	16.004	2362	2366	2370	rBV6	38159	69005	2.72%	0.233%
70	16.986	2527	2533	2539	rBV3	96369	192480	7.59%	0.651%
71	17.039	2539	2542	2551	rVB5	33032	78049	3.08%	0.264%

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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72	17.168	2557	2564	2568	rBV4	28003	62416	2.46%	0.211%
73	17.233	2570	2575	2582	rVB6	21469	45108	1.78%	0.152%
74	17.433	2603	2609	2619	rVB2	66045	136394	5.38%	0.461%
75	17.568	2627	2632	2639	rVB9	32811	75999	3.00%	0.257%
76	18.609	2802	2809	2815	rBV7	21393	50851	2.00%	0.172%

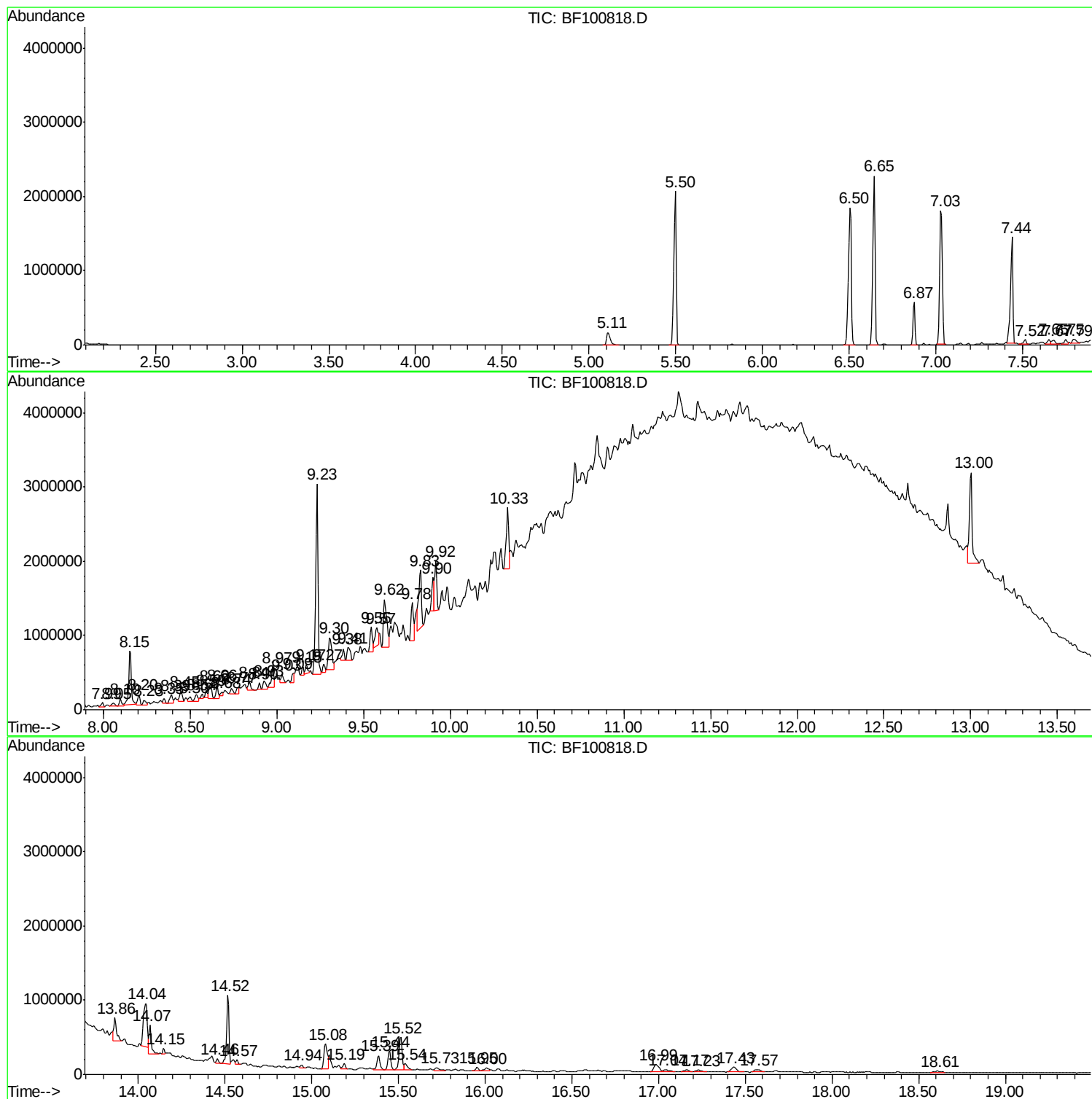
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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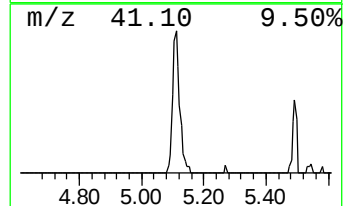
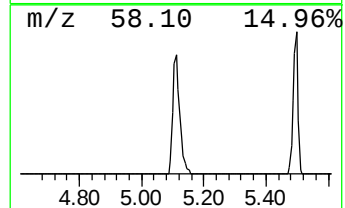
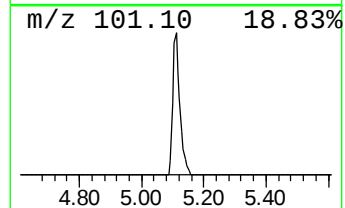
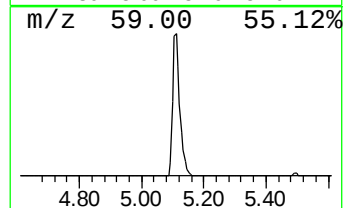
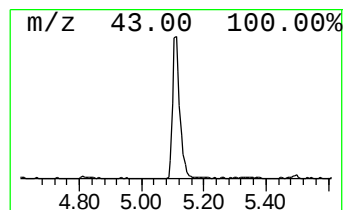
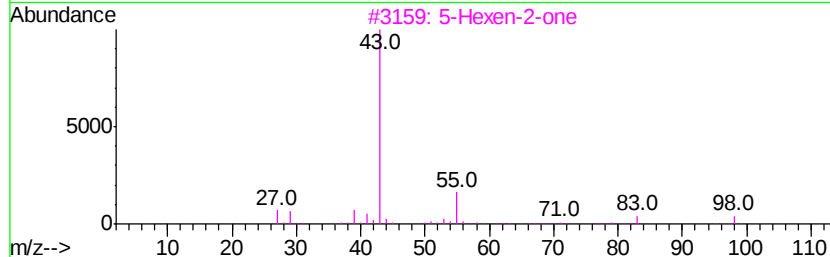
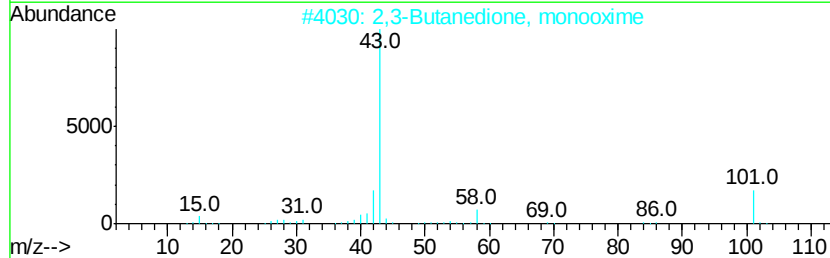
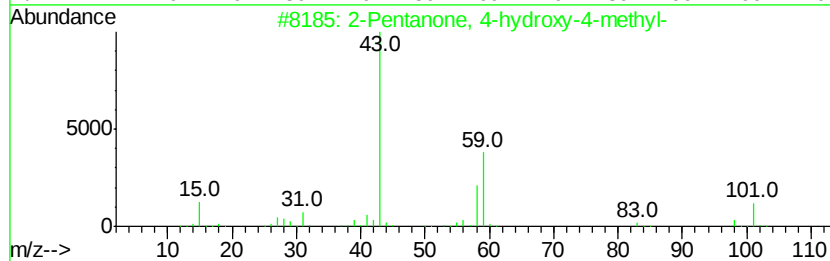
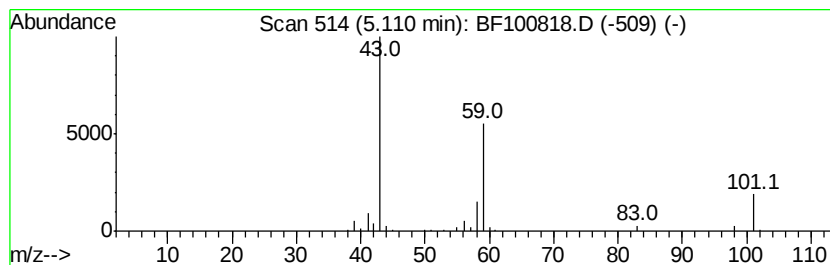
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	10.94 ng	269289	1,4-Dichlorobenzene-d4	6.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
3			5-Hexen-2-one	98	C6H10O	000109-49-9	9
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9
5			3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	9



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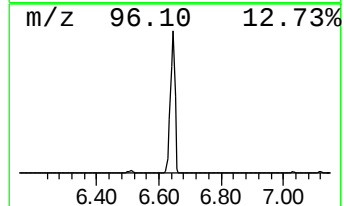
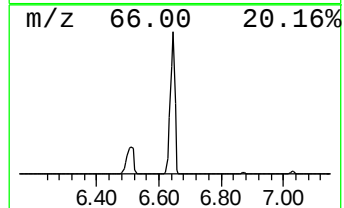
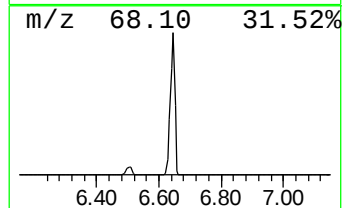
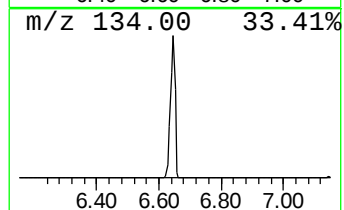
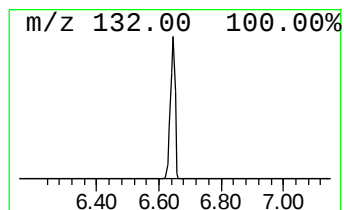
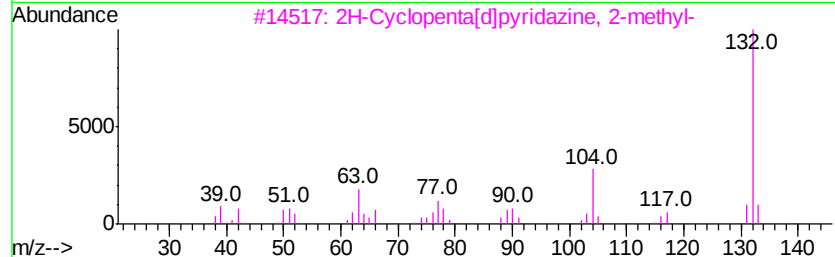
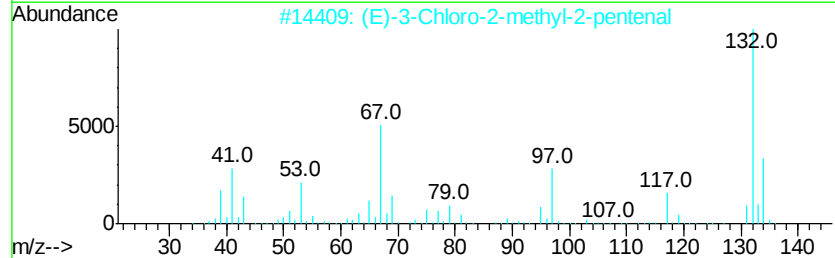
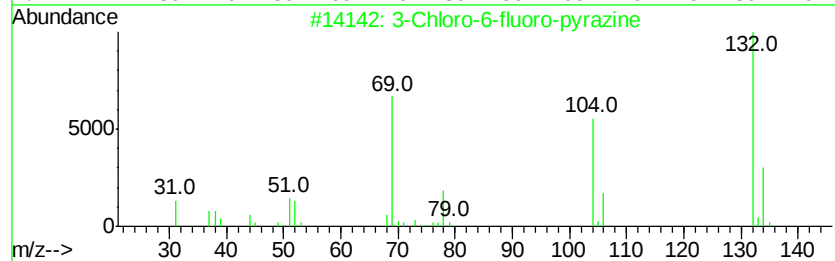
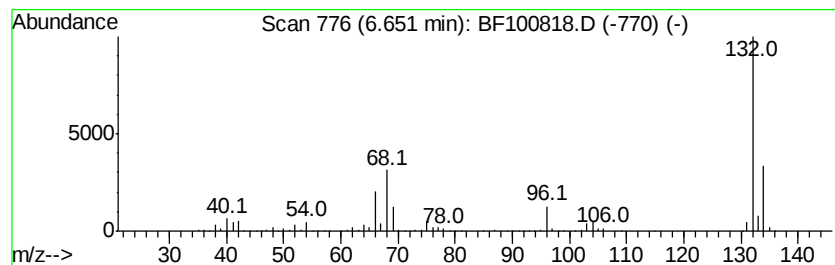
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	92.59 ng	2279180	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9



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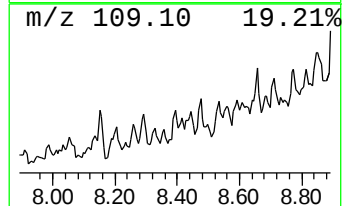
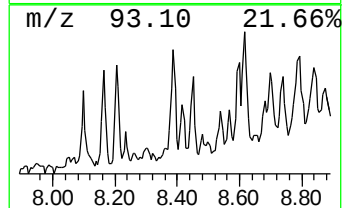
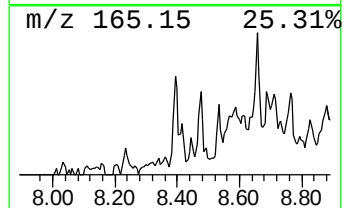
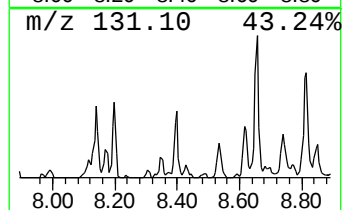
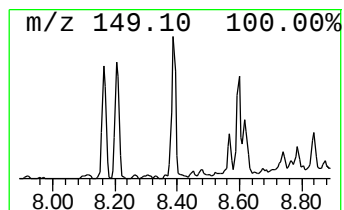
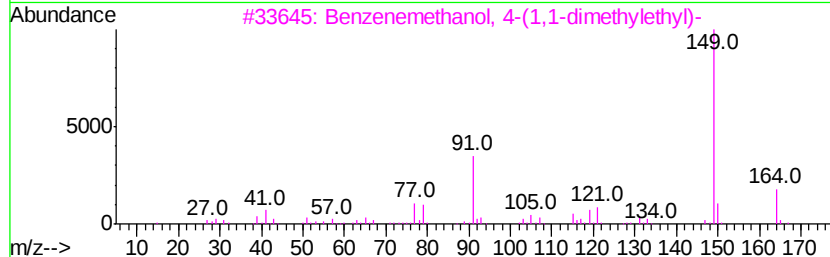
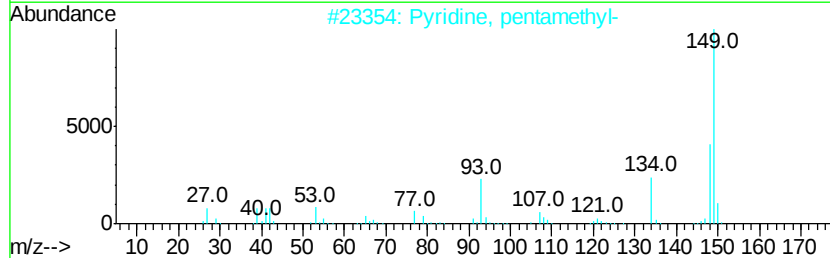
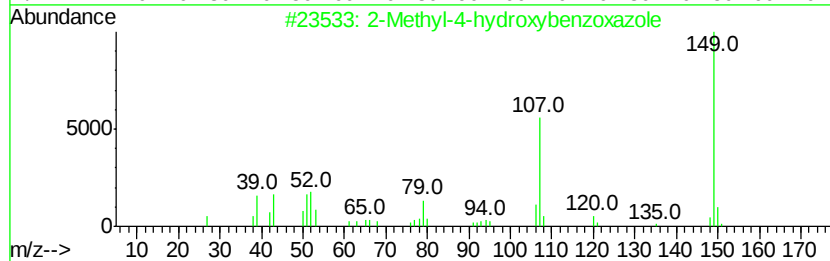
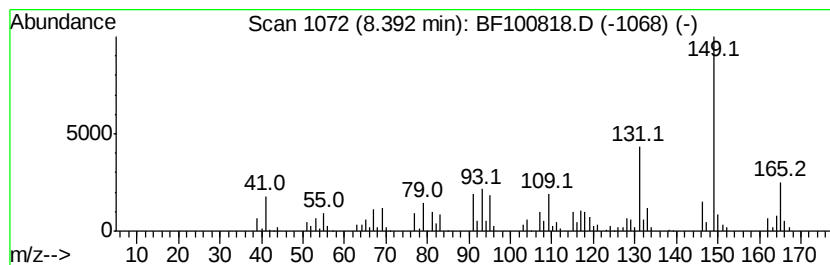
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown8.39 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	3.51 ng	139341	Naphthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	30
2		Pyridine, pentamethyl-	149	C10H15N	003748-83-2	30
3		Benzenemethanol, 4-(1,1-dimethyl...	164	C11H16O	000877-65-6	27
4		Benzothiazole, 2-methyl-	149	C8H7NS	000120-75-2	27
5		m-Tolyl isothiocyanate	149	C8H7NS	000621-30-7	27



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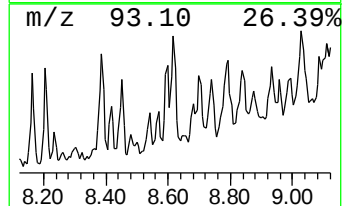
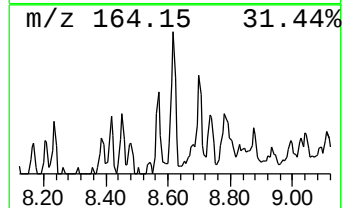
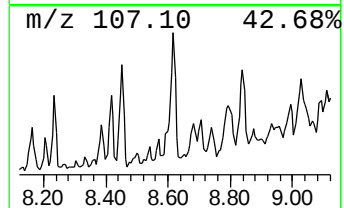
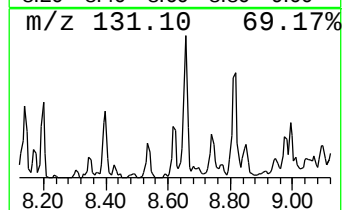
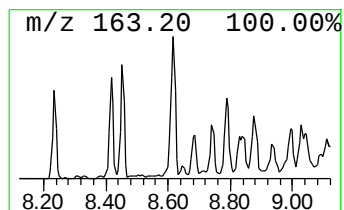
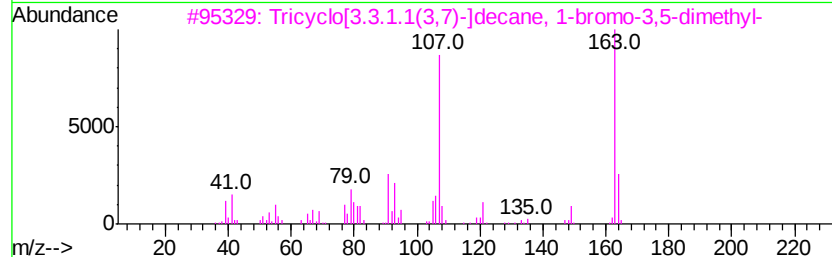
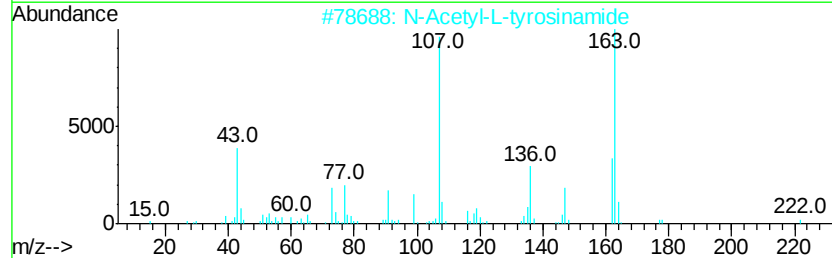
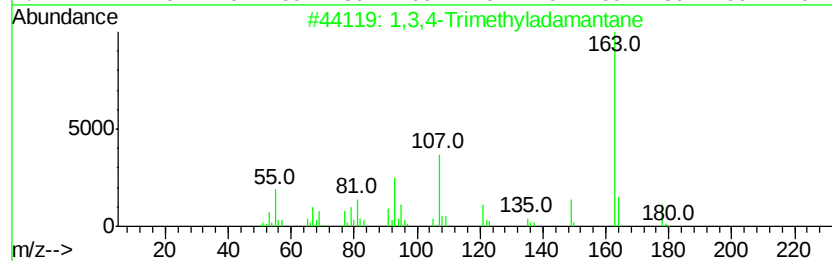
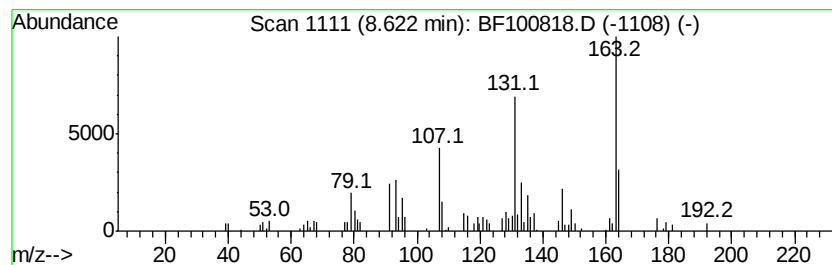
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1,3,4-Trimethyladamantane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	3.70 ng	146764	Naphthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3,4-Trimethyladamantane	178	C13H22	1000214-98-3	64
2		N-Acetyl-L-tyrosinamide	222	C11H14N2O3	001948-71-6	43
3		Tricyclo[3.3.1.1(3,7)]decane, 1...	242	C12H19Br	000941-37-7	42
4		1,4-Methanophthalazine, 1,4,4a,5...	206	C13H22N2	109746-14-7	42
5		1,3-Dimethyl-5-ethyladamantane	192	C14H24	001687-35-0	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112217\
Data File : BF100818.D
Acq On : 22 Nov 2017 11:30
Operator : SJ/JU
Sample : I6557-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-3407-RT-1867-2077

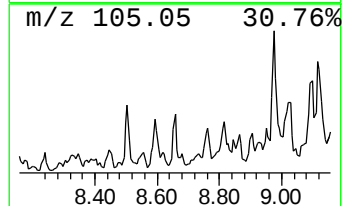
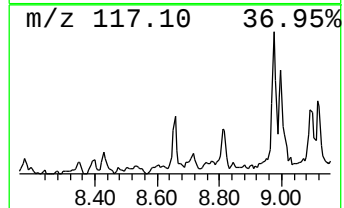
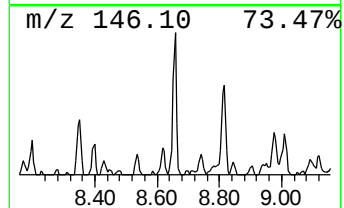
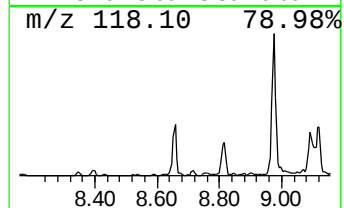
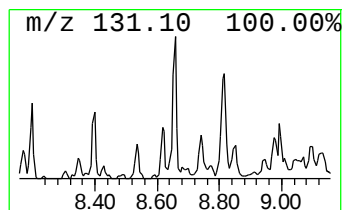
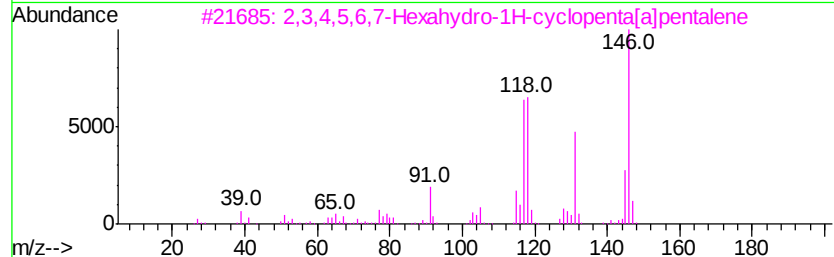
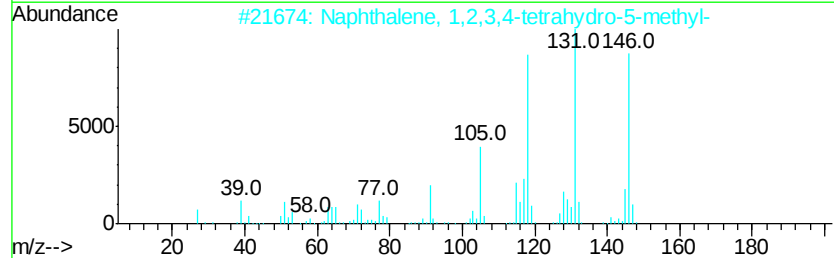
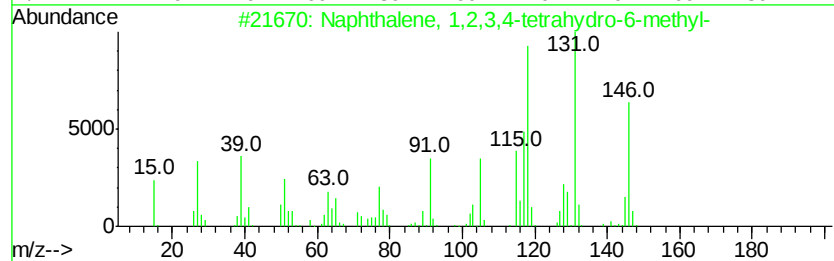
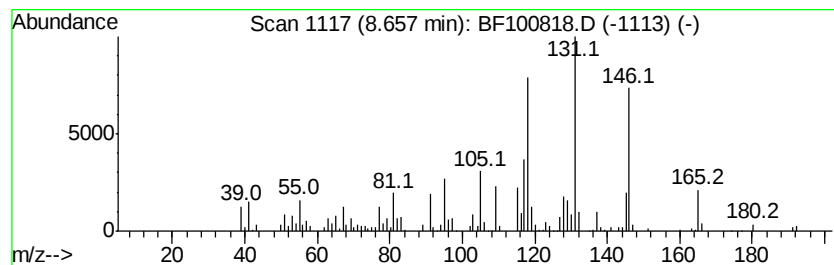
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 1,2,3,4-tetra... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	4.13 ng	163618	Naphthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
3		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	70
4		1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	68
5		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112217\
Data File : BF100818.D
Acq On : 22 Nov 2017 11:30
Operator : SJ/JU
Sample : I6557-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RT-3407-RT-1867-2077

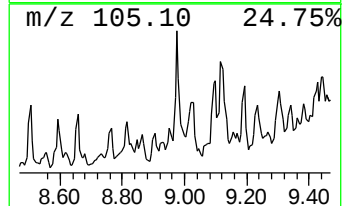
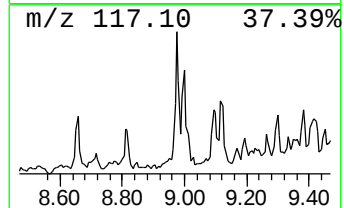
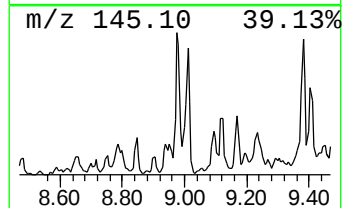
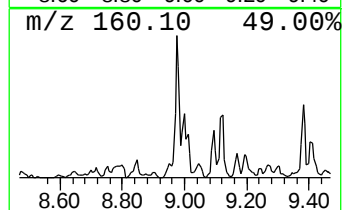
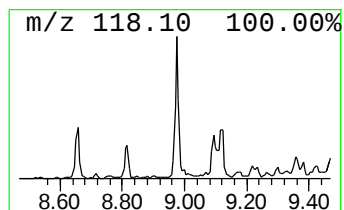
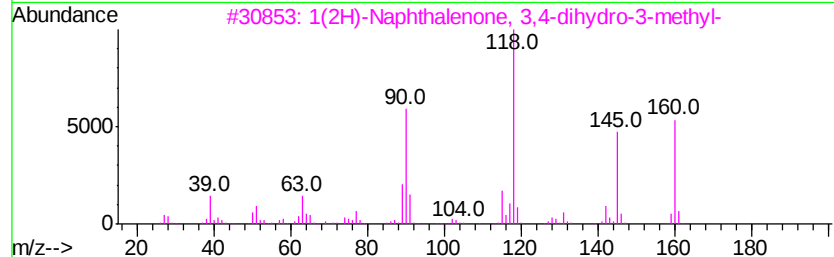
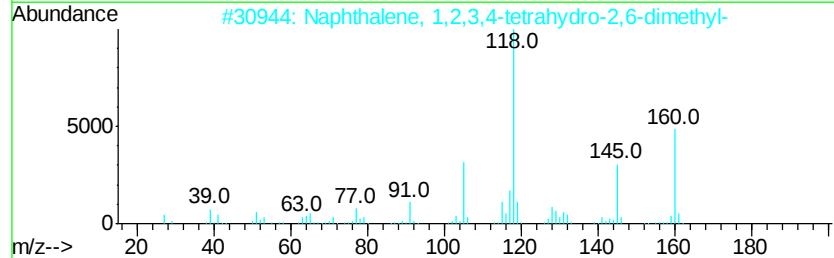
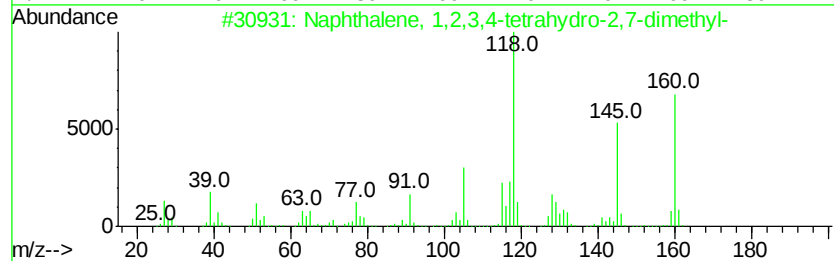
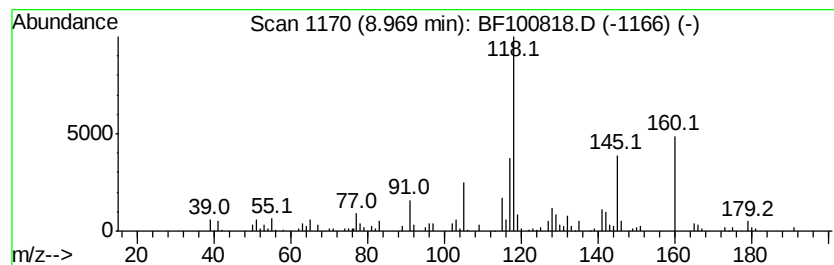
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, 1,2,3,4-tetra... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	7.31 ng	289958	Naphthalene-d8	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	81
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	76
3		1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	58
4		Benzene, (3-methyl-1-methylenebu...	160	C12H16	038212-14-5	58
5		2,4-Dimethylphenylacetonitrile	145	C10H11N	068429-53-8	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112217\
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Sample : I6557-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RT-3407-RT-1867-2077

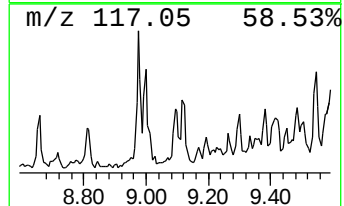
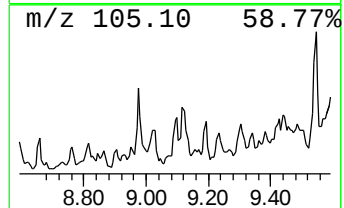
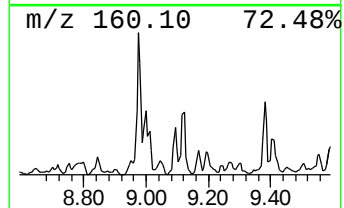
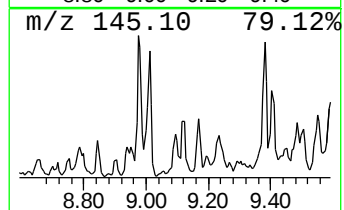
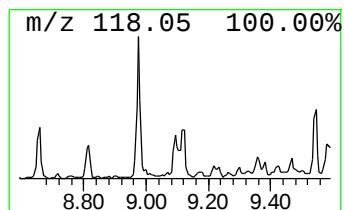
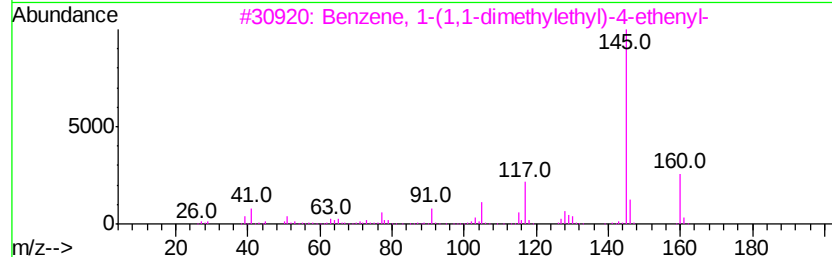
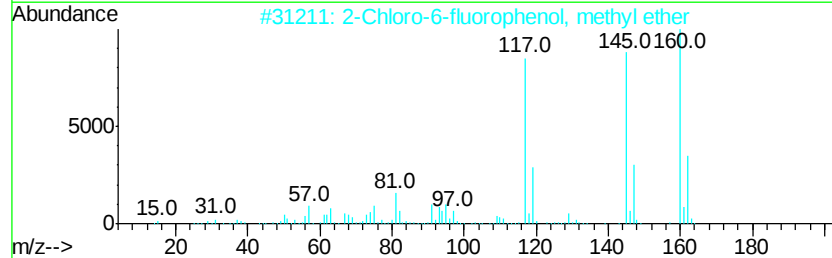
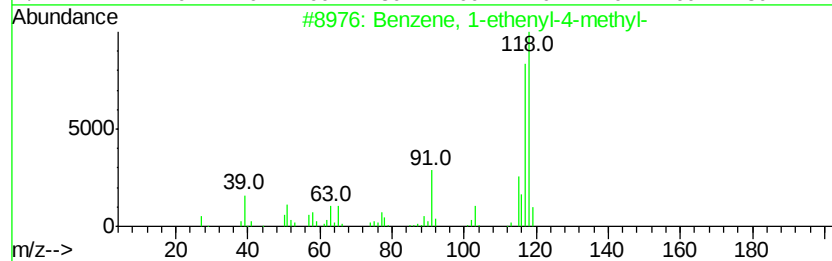
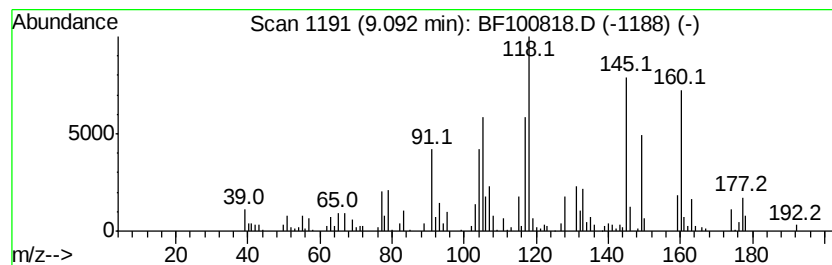
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown9.09 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	4.43 ng	124795	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	35
2		2-Chloro-6-fluorophenol, methyl ...	160	C7H6ClFO	1000352-53-9	30
3		Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	30
4		4-Chloro-3-fluoroanisole	160	C7H6ClFO	000501-29-1	27
5		Acetonitrile, 2-[4-(cyanomethyl)...]	145	C8H7N3	1000197-65-1	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100818.D
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Sample : I6557-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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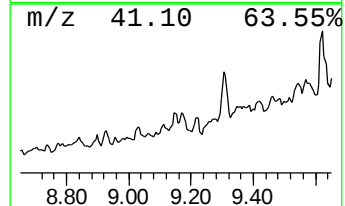
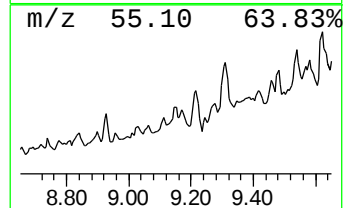
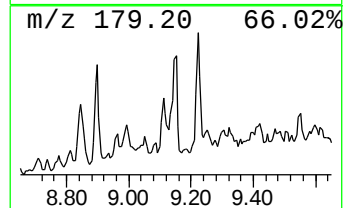
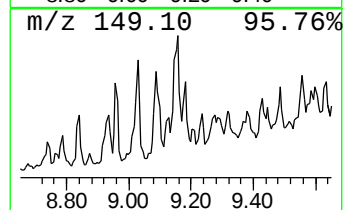
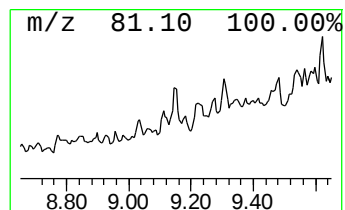
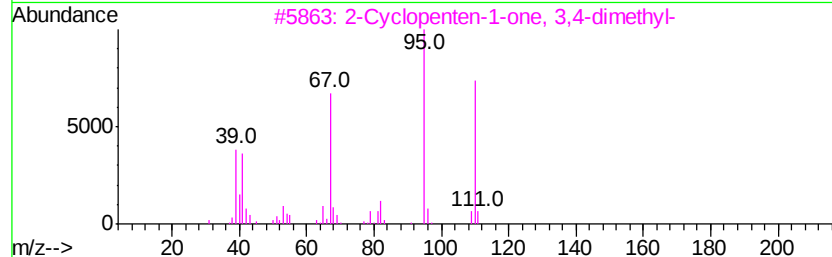
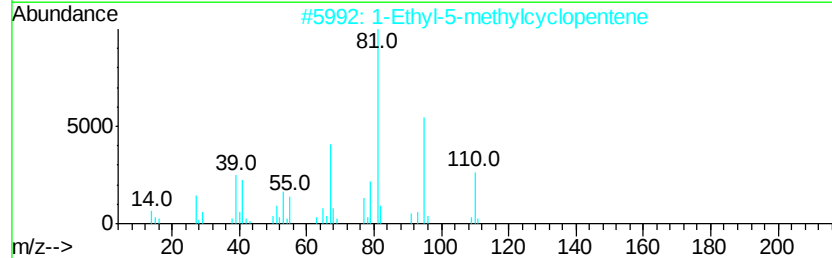
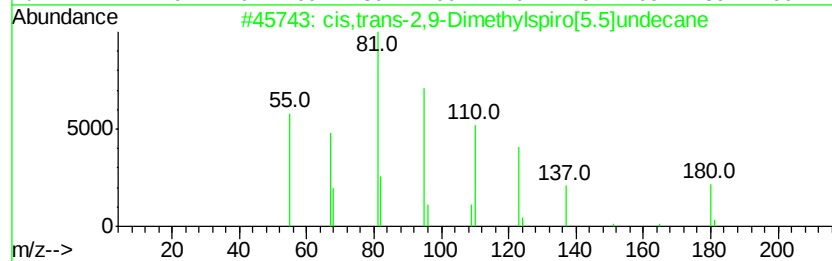
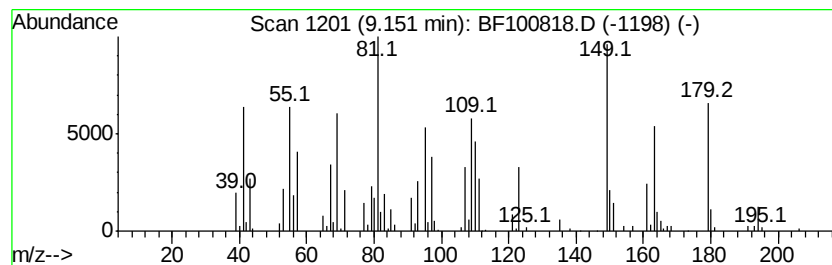
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown9.15 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	3.89 ng	109659	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis,trans-2,9-Dimethylspiro[5.5]undecane	180	C13H24	095530-74-8	38
2		1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	27
3		2-Cyclopenten-1-one, 3,4-dimethyl-	110	C7H10O	030434-64-1	25
4		3-Heptyne, 5-methyl-	110	C8H14	061228-09-9	22
5		1,4-Hexadiene, 3-ethyl-	110	C8H14	002080-89-9	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100818.D
Acq On : 22 Nov 2017 11:30
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Sample : I6557-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RT-3407-RT-1867-2077

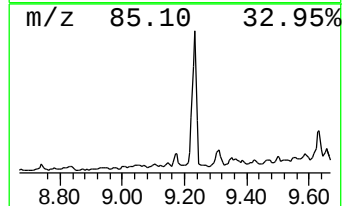
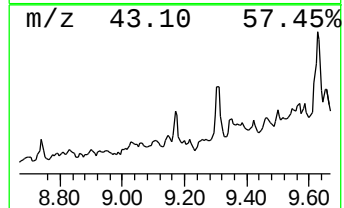
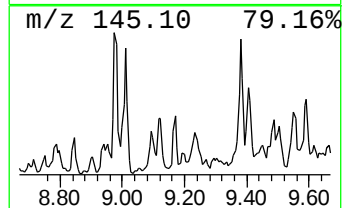
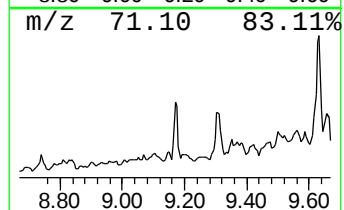
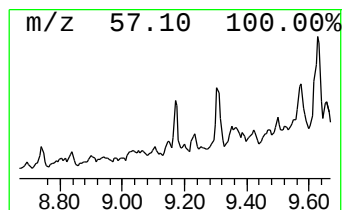
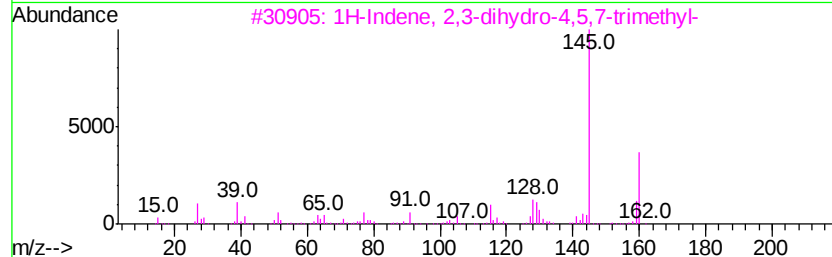
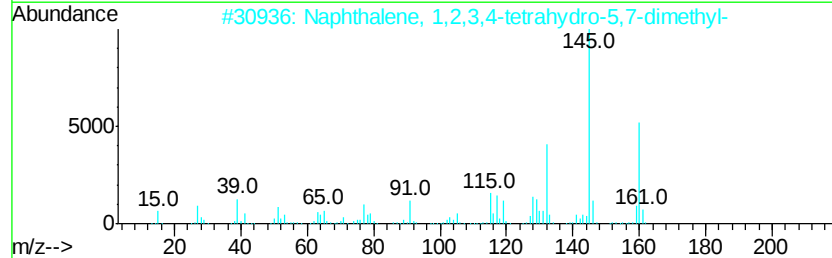
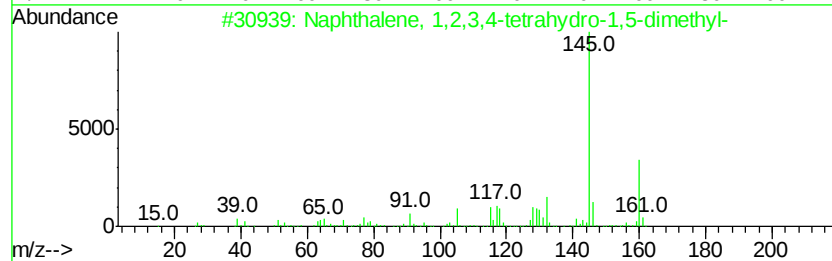
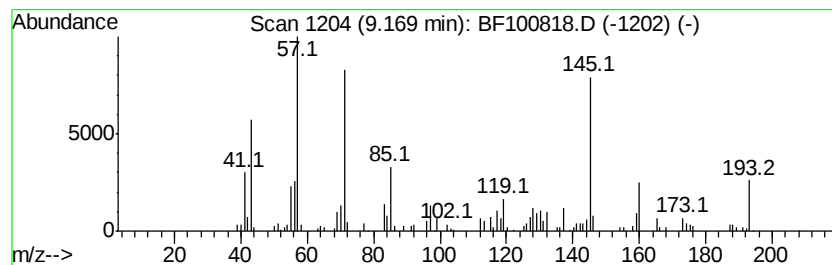
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 1,2,3,4-tetra... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	3.73 ng	105218	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	89
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	46
3		1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	46
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	42
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	42



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
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ClientSampleId :
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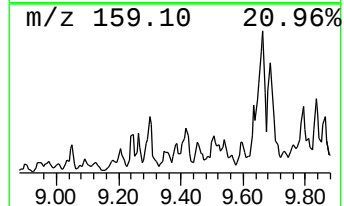
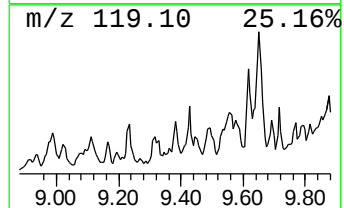
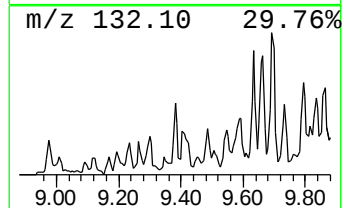
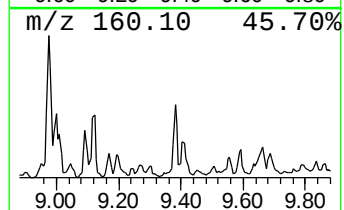
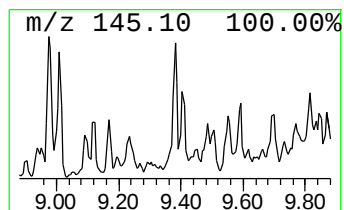
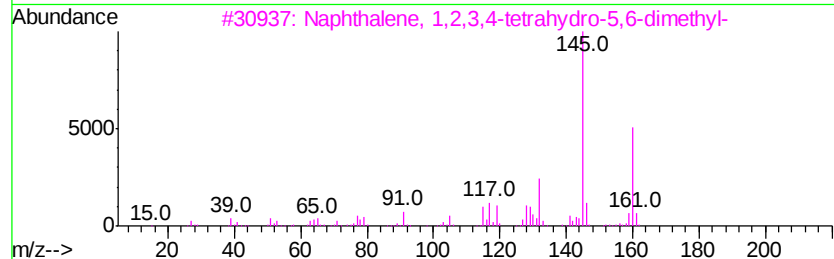
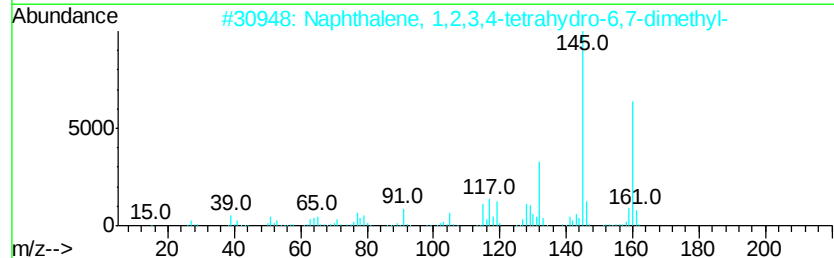
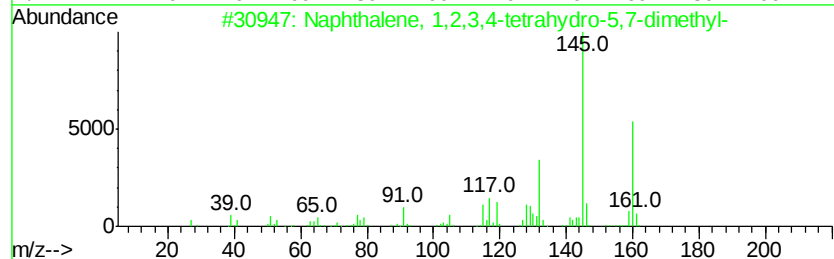
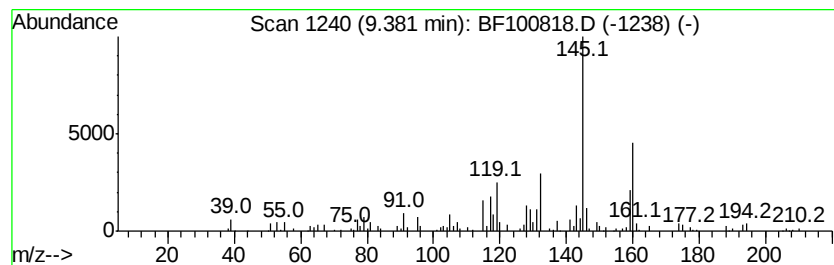
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 1,2,3,4-tetra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	4.17 ng	117630	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	81
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	81
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	74
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	70
5		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
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Acq On : 22 Nov 2017 11:30
Operator : SJ/JU
Sample : I6557-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

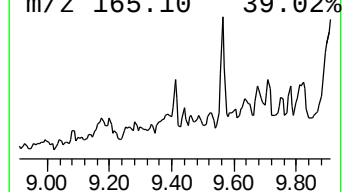
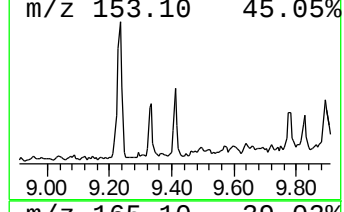
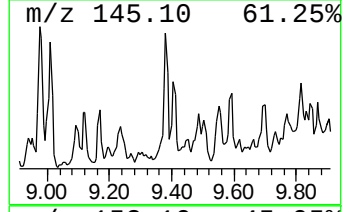
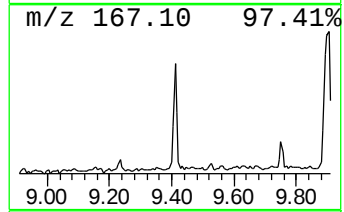
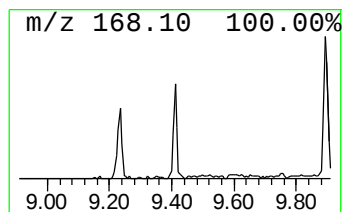
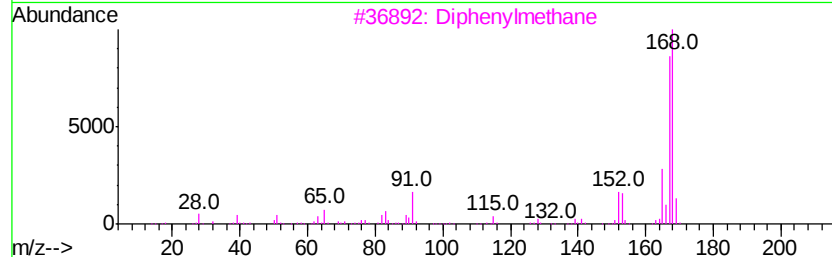
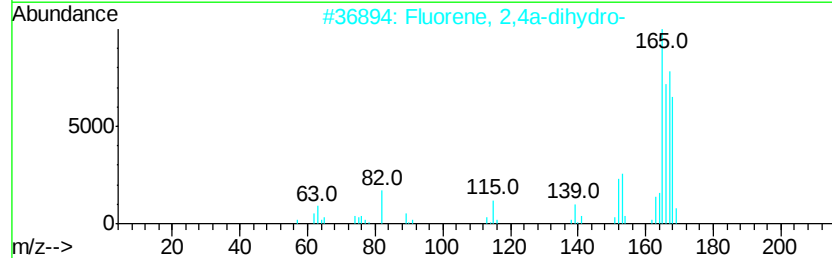
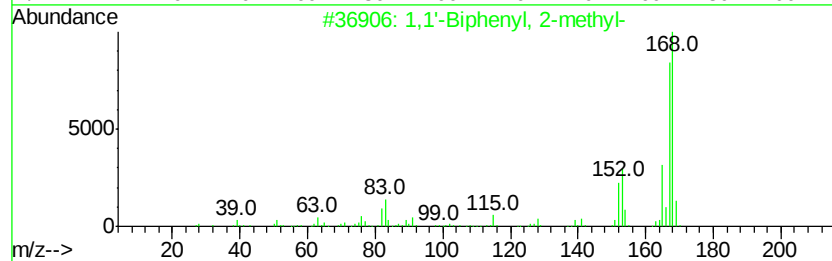
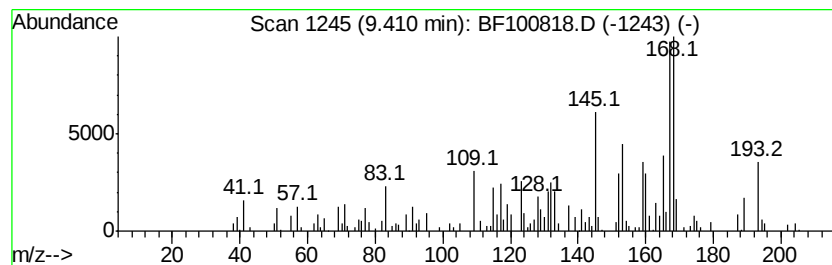
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ClientSampleId :
RT-3407-RT-1867-2077

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 1,1'-Biphenyl, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.41	8.44 ng	238015	Acenaphthene-d10	9.92	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	55
2	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	55
3	Diphenylmethane	168	C13H12	000101-81-5	50
4	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	46
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112217\
Data File : BF100818.D
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Operator : SJ/JU
Sample : I6557-01
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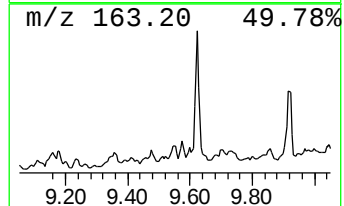
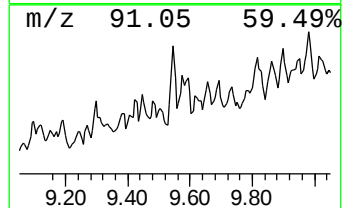
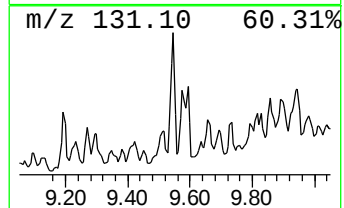
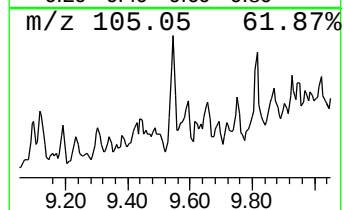
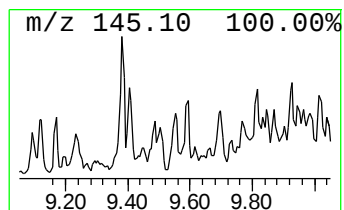
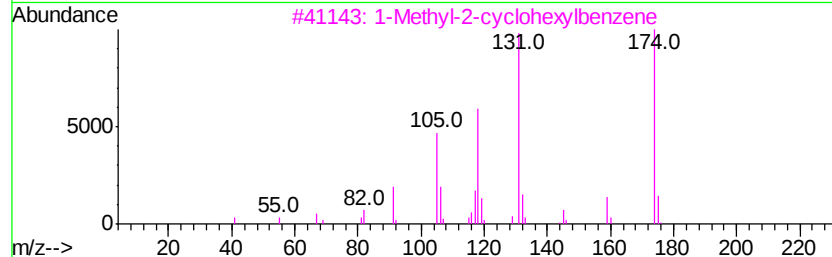
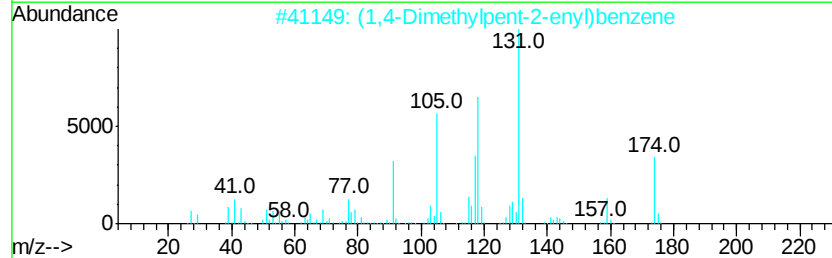
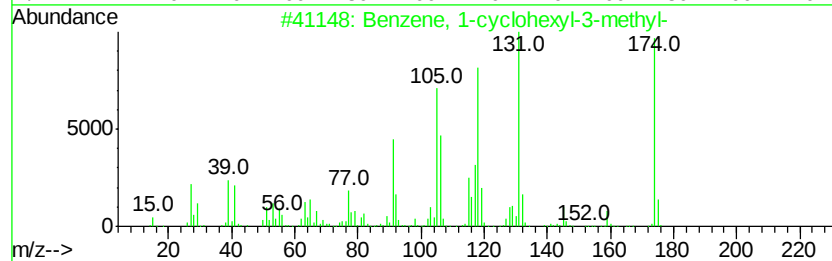
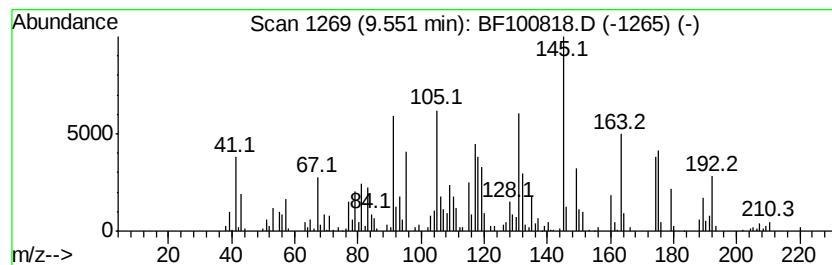
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Benzene, 1-cyclohexyl-3-met... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	12.67 ng	357363	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-cyclohexyl-3-methyl-	174 C13H18	004575-46-6 89
2		(1,4-Dimethylpent-2-enyl)benzene	174 C13H18	1000184-97-9 89
3		1-Methyl-2-cyclohexylbenzene	174 C13H18	004501-35-3 76
4		.beta.-Benzal-n-butyramide	175 C11H13NO	007236-47-7 38
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	160 C12H16	078920-29-3 30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
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Sample : I6557-01
Misc :
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Instrument :
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ClientSampleId :
RT-3407-RT-1867-2077

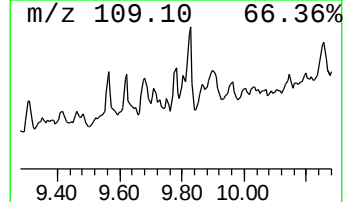
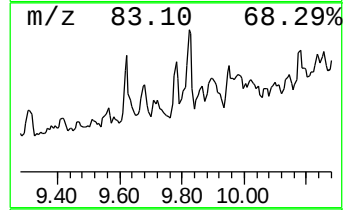
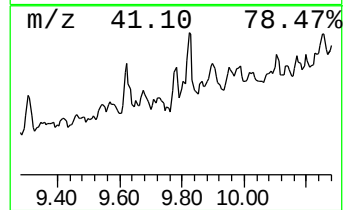
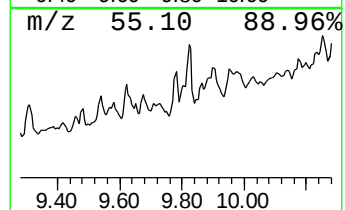
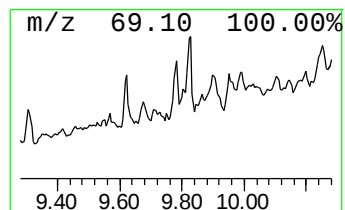
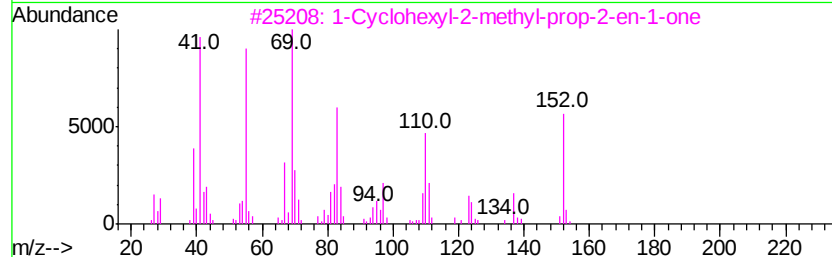
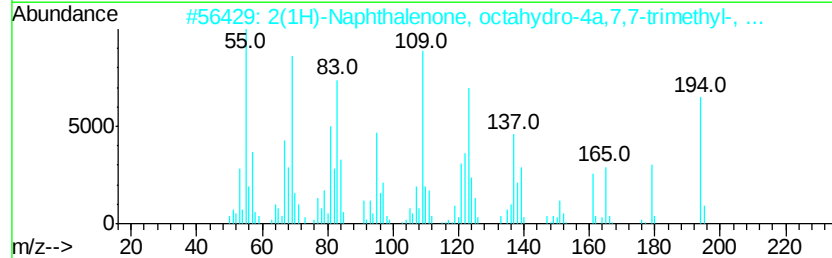
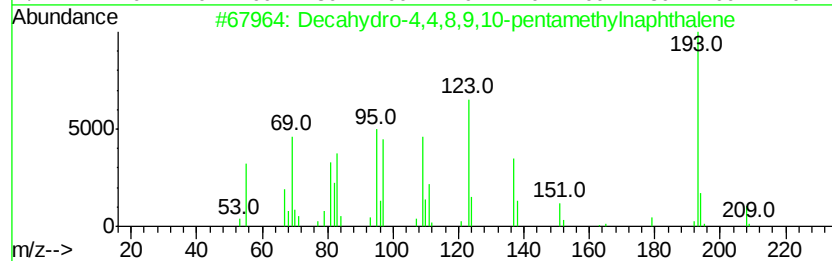
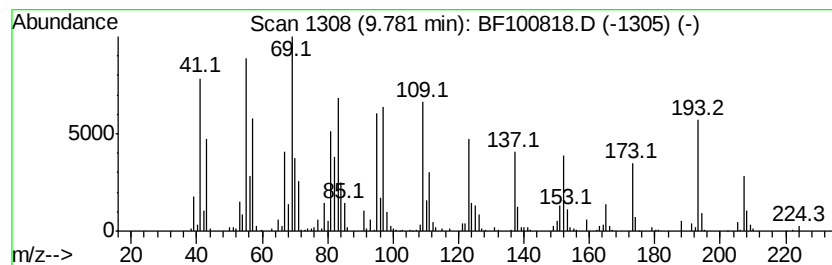
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Decahydro-4,4,8,9,10-pentam... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	20.58 ng	580427	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	95
2		2(1H)-Naphthalenone, octahydro-4...	194	C13H22O	054699-31-9	64
3		1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	41
4		Silane, chlorodiethyl(2-methylpe...	222	C10H23ClOSi	1000363-12-7	35
5		4-n-Hexylthiane, S,S-dioxide	218	C11H22O2S	070928-52-8	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112217\
Data File : BF100818.D
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Operator : SJ/JU
Sample : I6557-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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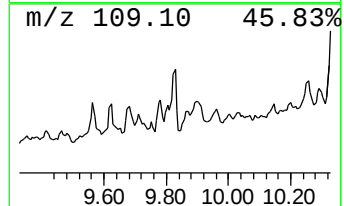
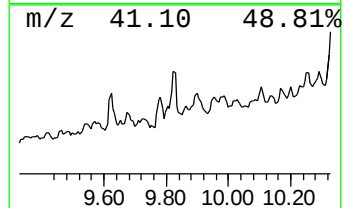
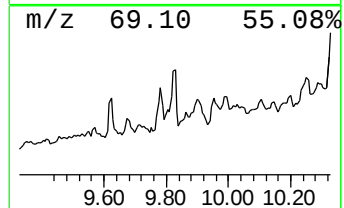
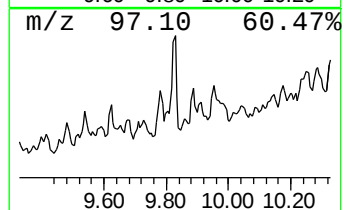
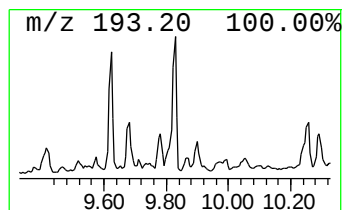
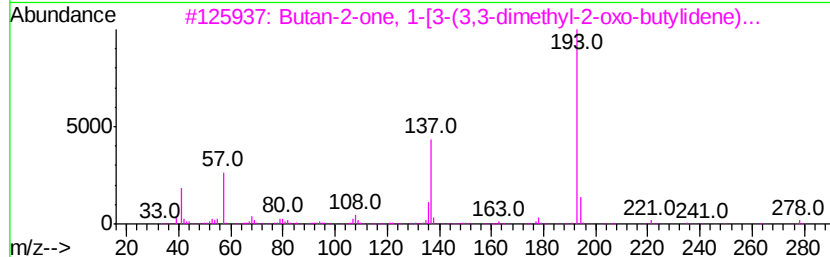
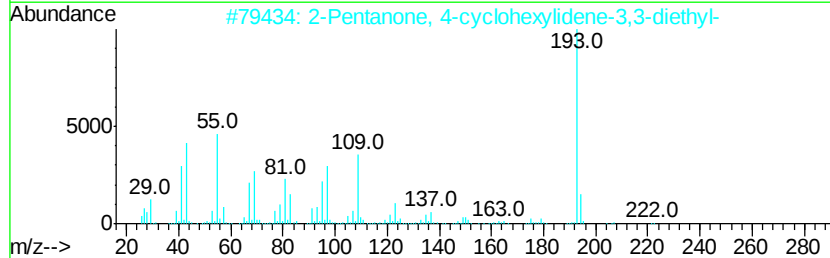
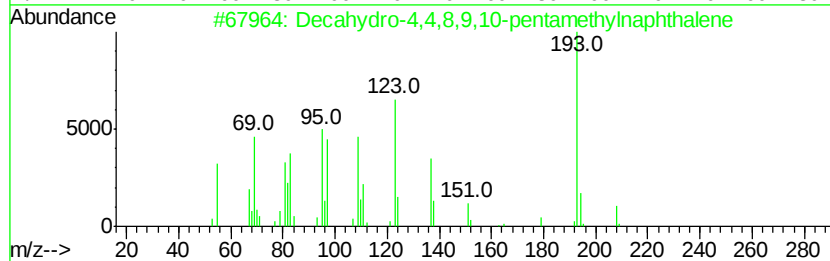
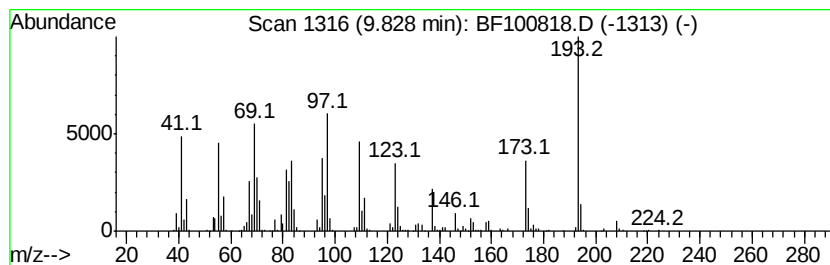
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown9.83 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	29.13 ng	821426	Acenaphthene-d10	9.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	43
2		2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	40
3		Butan-2-one, 1-[3-(3,3-dimethyl-...	278	C16H26N2O2	1000303-34-2	27
4		Arsenous acid, tripropyl ester	252	C9H21AsO3	015606-91-4	23
5		Acetamide, N-methyl-N-[4-[3-(hyd...	224	C12H20N2O2	130403-63-3	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112217\
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Operator : SJ/JU
Sample : I6557-01
Misc :
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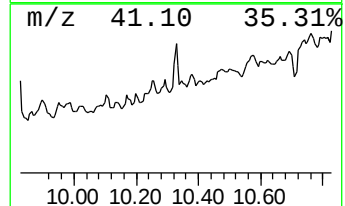
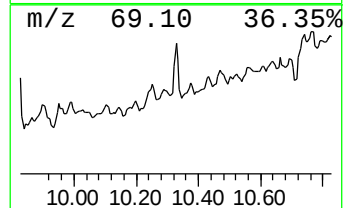
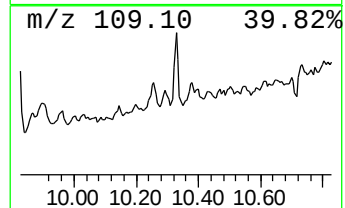
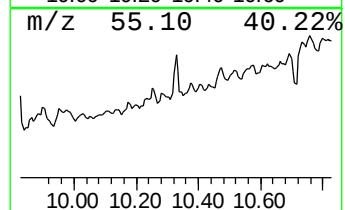
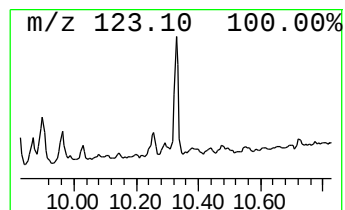
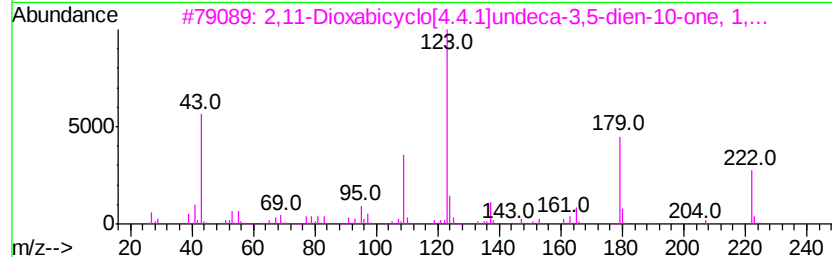
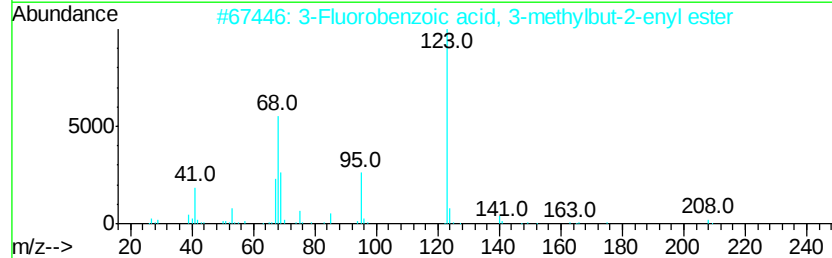
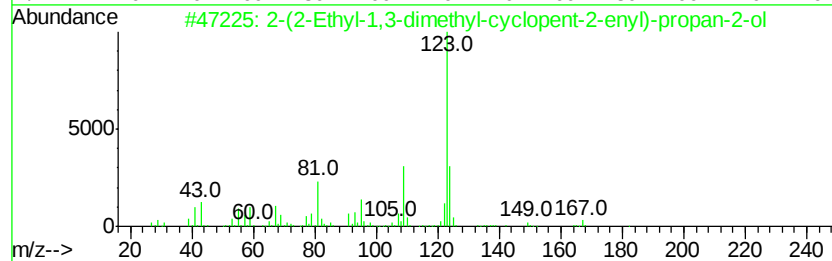
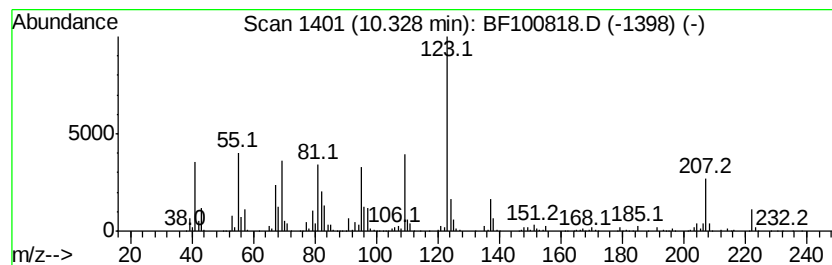
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown10.33 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	28.42 ng	801497	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-(2-Ethyl-1,3-dimethyl-cyclopent...	182 C12H22O	1000186-82-4	47
2	3-Fluorobenzoic acid, 3-methylbu...	208 C12H13F02	154559-38-3	46
3	2,11-Dioxabicyclo[4.4.1]undeca-3...	222 C13H18O3	070412-52-1	45
4	4-Fluorobenzoic acid, 1-cyclopent...	236 C14H17F02	1000279-05-8	43
5	2-Fluorobenzoic acid, 1-cyclopent...	236 C14H17F02	1000278-98-2	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
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Misc :
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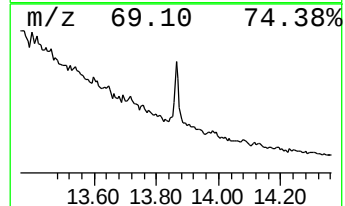
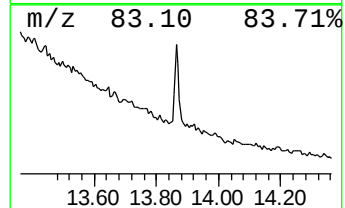
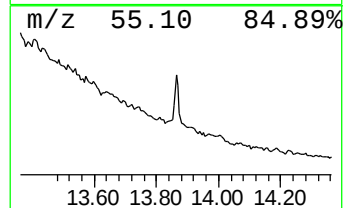
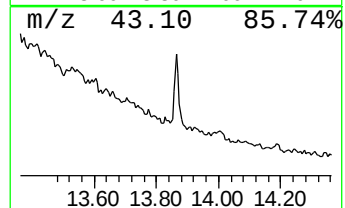
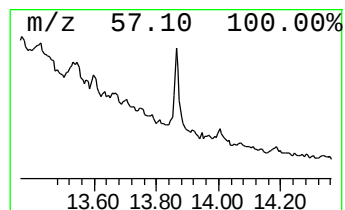
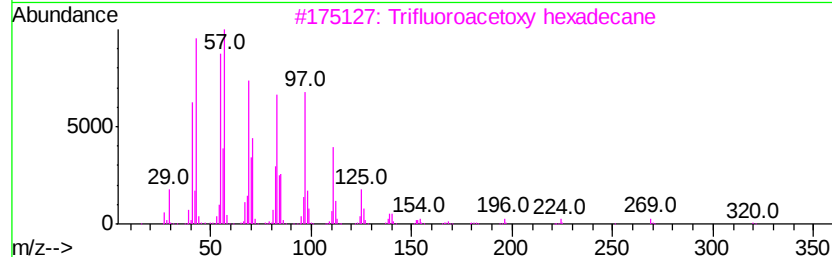
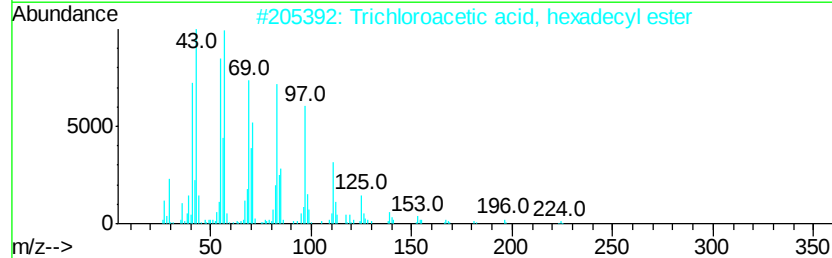
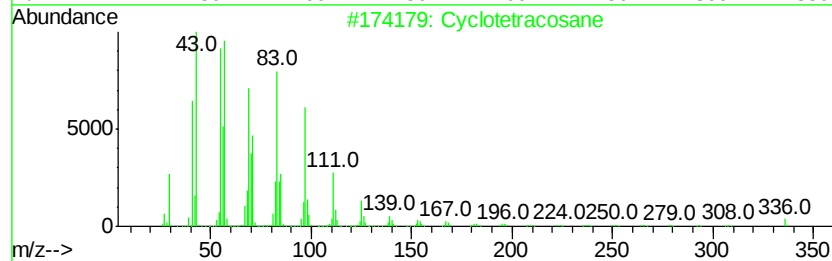
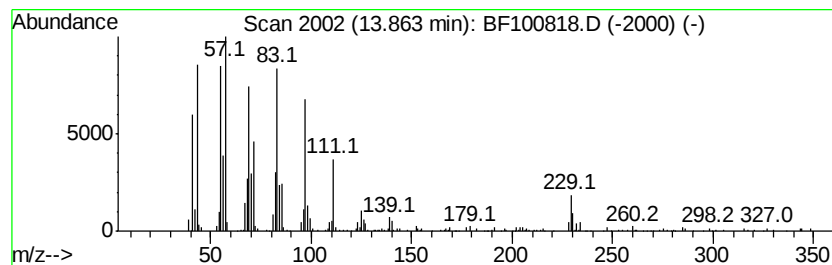
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Cyclotetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	9.18 ng	371192	Chrysene-d12	14.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	93
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	87
4		Behenic alcohol	326	C22H46O	000661-19-8	86
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112217\
Data File : BF100818.D
Acq On : 22 Nov 2017 11:30
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ClientSampleId :
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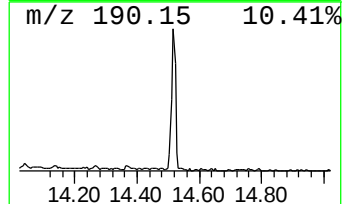
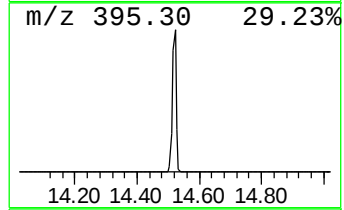
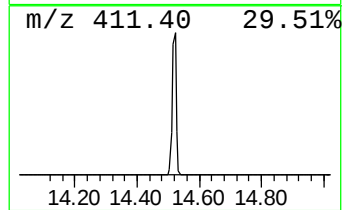
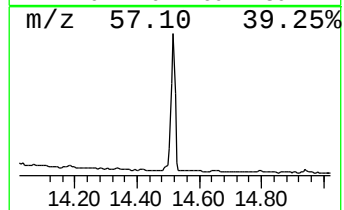
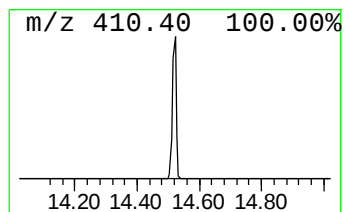
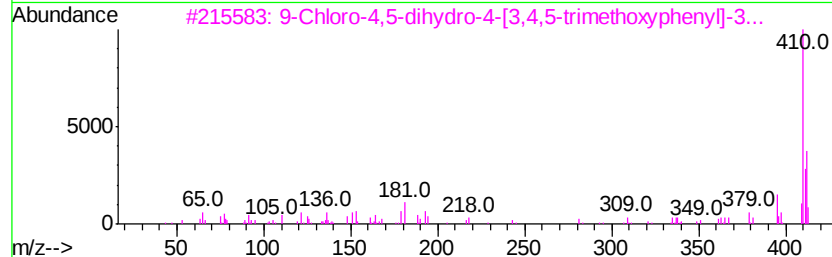
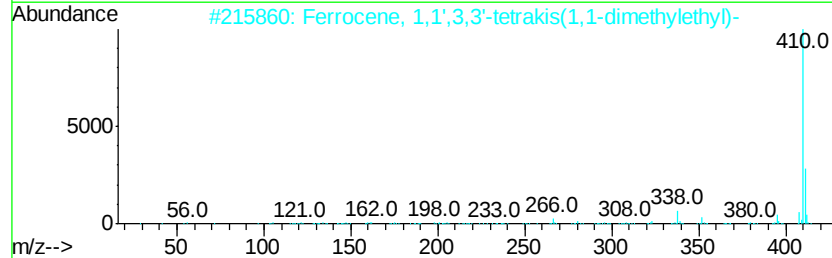
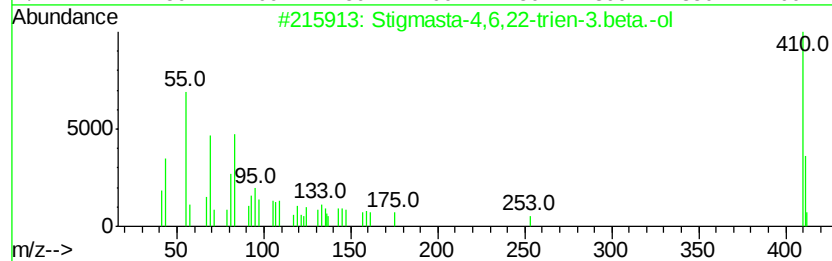
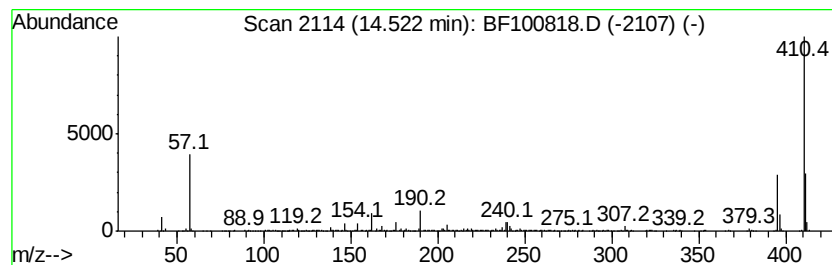
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Stigmasta-4,6,22-trien-3.be... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	23.00 ng	930506	Chrysene-d12	14.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Stigmasta-4,6,22-trien-3.beta.-ol	410	C29H46O	096737-58-5	53
2		Ferrocene, 1,1',3,3'-tetrakis(1,...	410	C26H42Fe	001317-17-5	47
3		9-Chloro-4,5-dihydro-4-[3,4,5-tr...	410	C22H19ClN2O4	1000212-48-1	40
4		3-Acetyl-1-(3,4-dimethoxyphenyl)...	410	C23H26N2O5	090140-65-1	40
5		6,9-Methanobenzo[h]pentaphene-5,...	410	C27H22O4	057427-50-6	28



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112217\
Data File : BF100818.D
Acq On : 22 Nov 2017 11:30
Operator : SJ/JU
Sample : I6557-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-3407-RT-1867-2077

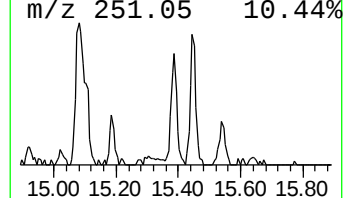
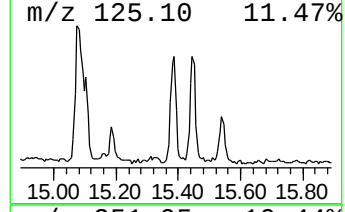
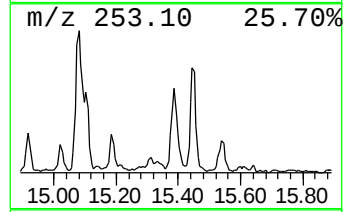
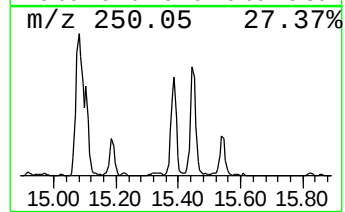
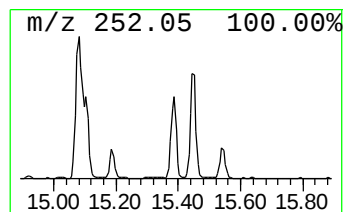
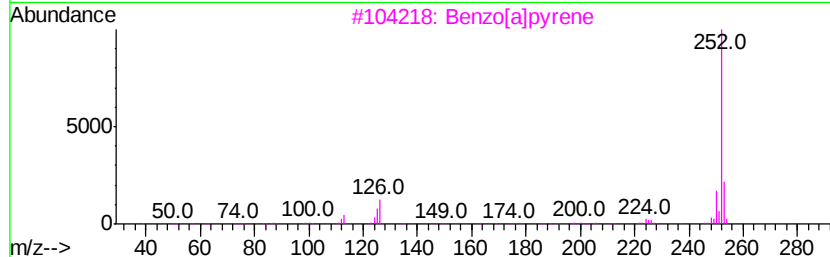
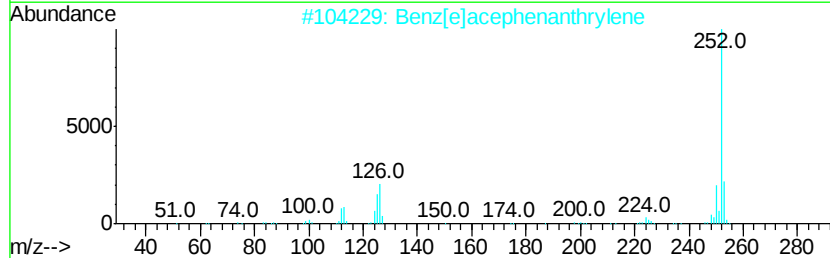
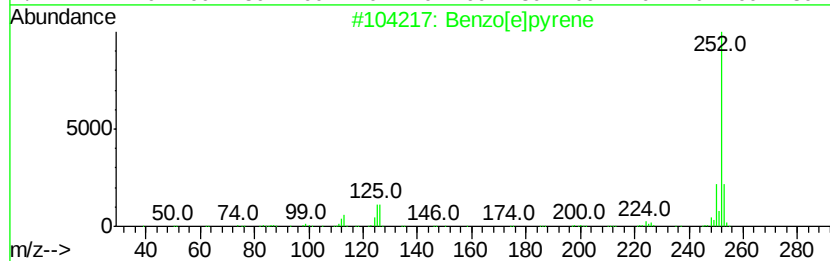
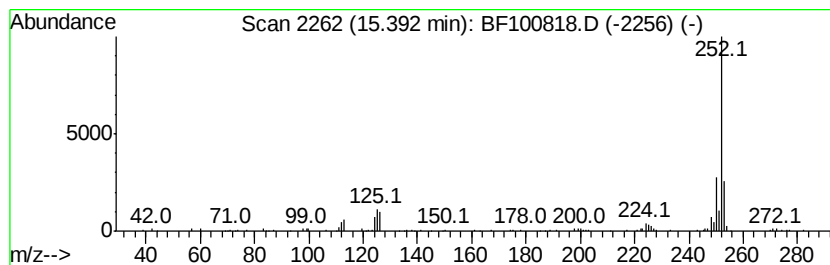
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	8.51 ng	254727	Perylene-d12	15.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]bpvrene	252	C20H12	000192-97-2	99
2			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
3			Benzo[a]bpvrene	252	C20H12	000050-32-8	94
4			Perylene	252	C20H12	000198-55-0	93
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100818.D
Acq On : 22 Nov 2017 11:30
Operator : SJ/JU
Sample : I6557-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-3407-RT-1867-2077

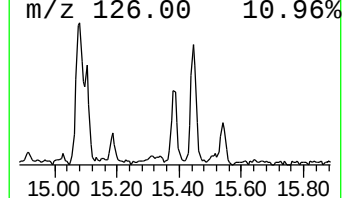
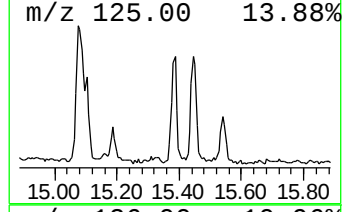
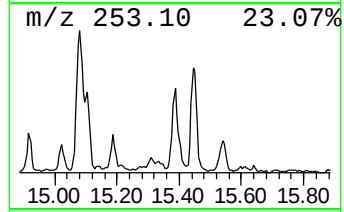
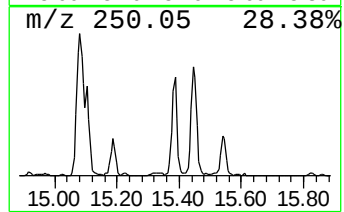
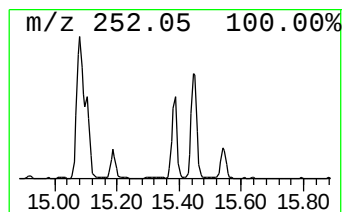
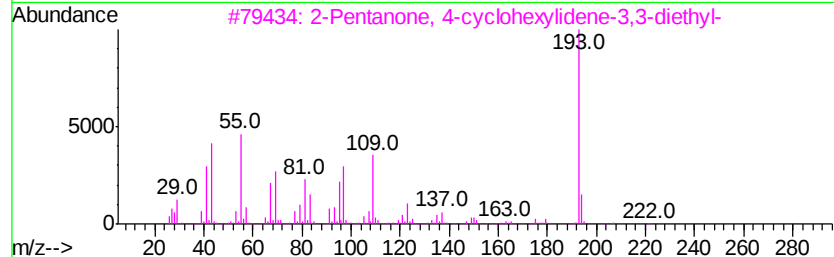
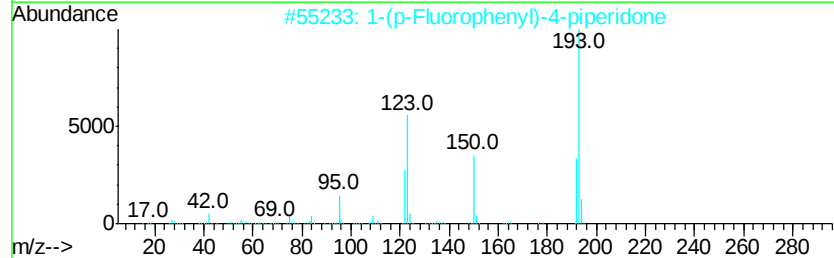
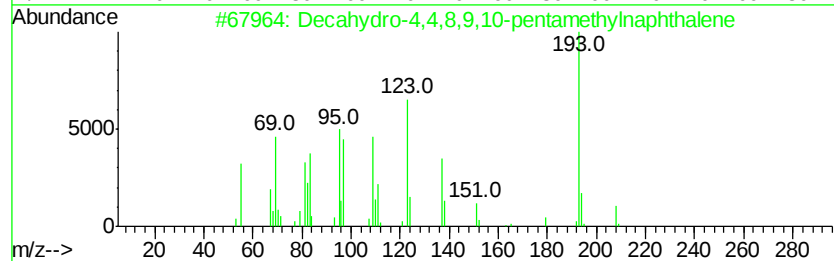
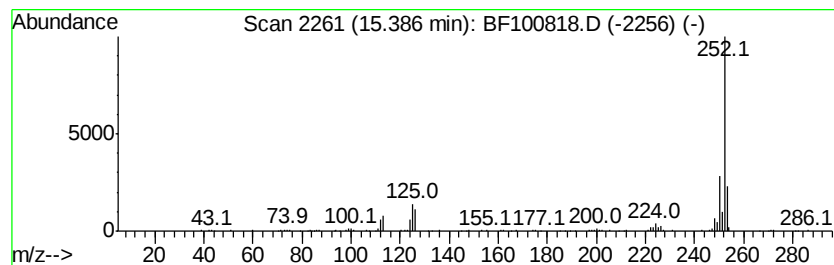
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 Decahydro-4,4,8,9,10-pentam... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	8.51 ng	254727	Perylene-d12	15.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	99
2			1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38
3			2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	25
4			2-Diethylamino-4-phenylthiooct-2...	302	C18H26N2S	1000090-57-0	22
5			1,3,7,7-Tetramethyl-9-oxo-2-oxab...	208	C13H20O2	020194-67-6	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112217\
 Data File : BF100818.D
 Acq On : 22 Nov 2017 11:30
 Operator : SJ/JU
 Sample : I6557-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3407-RT-1867-2077

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.11	10.9	ng	269289	1	6.87	492293	20.0
unknown6.65	6.65	92.6	ng	2279180	1	6.87	492293	20.0
unknown8.39	8.39	3.5	ng	139341	2	8.15	792953	20.0
1,3,4-Trimethylad...	8.62	3.7	ng	146764	2	8.15	792953	20.0
Naphthalene, 1,2,...	8.66	4.1	ng	163618	2	8.15	792953	20.0
Naphthalene, 1,2,...	8.97	7.3	ng	289958	2	8.15	792953	20.0
unknown9.09	9.09	4.4	ng	124795	3	9.92	564037	20.0
unknown9.15	9.15	3.9	ng	109659	3	9.92	564037	20.0
Naphthalene, 1,2,...	9.17	3.7	ng	105218	3	9.92	564037	20.0
Naphthalene, 1,2,...	9.38	4.2	ng	117630	3	9.92	564037	20.0
1,1'-Biphenyl, 2-...	9.41	8.4	ng	238015	3	9.92	564037	20.0
Benzene, 1-cycloh...	9.55	12.7	ng	357363	3	9.92	564037	20.0
Decahydro-4,4,8,9...	9.78	20.6	ng	580427	3	9.92	564037	20.0
unknown9.83	9.83	29.1	ng	821426	3	9.92	564037	20.0
unknown10.33	10.33	28.4	ng	801497	3	9.92	564037	20.0
Cyclotetracosane	13.86	9.2	ng	371192	5	14.05	808995	20.0
Stigmasta-4,6,22-...	14.52	23.0	ng	930506	5	14.05	808995	20.0
Benzo[e]pyrene	15.39	8.5	ng	254727	6	15.52	598929	20.0
Decahydro-4,4,8,9...	15.39	8.5	ng	254727	6	15.52	598929	20.0