

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
 Data File : BF089441.D
 Acq On : 30 Jul 2016 7:10
 Operator : UM/SJ
 Sample : H4215-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

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-BF072716.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	1.678	6	8	67	rVB	1190378	2764530	86.99%	5.127%
2	4.604	262	264	280	rVB	191225	301583	9.49%	0.559%
3	5.084	304	306	316	rBV	623796	779810	24.54%	1.446%
4	6.170	400	401	409	rBV3	544298	819934	25.80%	1.521%
5	6.284	409	411	415	rBV	795372	836550	26.32%	1.551%
6	6.513	430	431	435	rBV3	168313	216238	6.80%	0.401%
7	6.673	443	445	447	rBV	558785	657343	20.68%	1.219%
8	7.084	480	481	488	rBV3	359859	486168	15.30%	0.902%
9	7.827	541	546	549	rBV2	489965	889061	27.98%	1.649%
10	8.513	604	606	610	rBV	440890	397775	12.52%	0.738%
11	8.605	612	614	617	rBV	262703	325333	10.24%	0.603%
12	8.879	636	638	640	rBV	834907	734223	23.10%	1.362%
13	9.073	652	655	658	rVB	70967	108932	3.43%	0.202%
14	9.130	658	660	665	rBV	224242	370226	11.65%	0.687%
15	9.210	665	667	668	rVV	442330	438527	13.80%	0.813%
16	9.233	668	669	672	rVV	235741	241700	7.61%	0.448%
17	9.279	672	673	675	rVV	216368	190318	5.99%	0.353%
18	9.325	675	677	681	rVB	213706	266712	8.39%	0.495%
19	9.405	681	684	687	rBV	331388	318423	10.02%	0.591%
20	9.542	693	696	697	rBV	304374	297489	9.36%	0.552%
21	9.576	697	699	701	rVV	884043	795455	25.03%	1.475%
22	9.656	704	706	708	rBV	76609	105201	3.31%	0.195%
23	9.702	708	710	712	rBV2	134789	146461	4.61%	0.272%
24	9.748	712	714	716	rVV	555259	518068	16.30%	0.961%
25	9.793	716	718	719	rVB	106256	106119	3.34%	0.197%
26	9.862	722	724	725	rBV	144753	143318	4.51%	0.266%
27	9.953	730	732	735	rBV	89208	170057	5.35%	0.315%
28	10.056	737	741	742	rBV2	73274	144069	4.53%	0.267%
29	10.090	742	744	746	rBV	811792	786066	24.74%	1.458%
30	10.148	747	749	750	rVV	101384	174469	5.49%	0.324%
31	10.216	752	755	756	rVV3	51986	104113	3.28%	0.193%
32	10.250	756	758	760	rVB2	138515	185593	5.84%	0.344%
33	10.330	762	765	767	rBV	464943	535730	16.86%	0.994%
34	10.445	771	775	780	rBV3	152355	308103	9.70%	0.571%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.628	788	791	793	rBV2	133919	241319	7.59%	0.448%
36	10.776	800	804	807	rBV4	70898	227503	7.16%	0.422%
37	10.879	811	813	814	rBV	98578	139019	4.37%	0.258%
38	10.913	814	816	823	rVB2	208609	329755	10.38%	0.612%
39	11.051	823	828	830	rBV	1855568	2650808	83.41%	4.916%
40	11.096	830	832	834	rVV	677695	661531	20.82%	1.227%
41	11.131	834	835	838	rVB	108882	128645	4.05%	0.239%
42	11.256	844	846	850	rBV2	136117	262211	8.25%	0.486%
43	11.336	852	853	859	rVB4	81281	171604	5.40%	0.318%
44	11.519	866	869	870	rBV	387446	413559	13.01%	0.767%
45	11.542	870	871	873	rVV	423034	419236	13.19%	0.778%
46	11.588	873	875	877	rVV	136935	219880	6.92%	0.408%
47	11.622	877	878	884	rVB	789983	1123096	35.34%	2.083%
48	11.816	892	895	896	rBV	133175	195058	6.14%	0.362%
49	11.954	905	907	909	rBV2	83444	129436	4.07%	0.240%
50	11.988	909	910	914	rBV2	82407	171239	5.39%	0.318%
51	12.068	914	917	918	rBV	292696	319295	10.05%	0.592%
52	12.102	918	920	923	rVB	220542	315521	9.93%	0.585%
53	12.159	923	925	928	rBV	184009	221827	6.98%	0.411%
54	12.228	928	931	933	rVV	1919226	3124178	98.31%	5.794%
55	12.274	933	935	937	rVV2	408462	587093	18.47%	1.089%
56	12.365	941	943	946	rBV	111392	184877	5.82%	0.343%
57	12.456	948	951	954	rBV2	2076841	3177886	100.00%	5.894%
58	12.502	954	955	958	rVB2	135212	182519	5.74%	0.339%
59	12.571	958	961	962	rBV	183812	216291	6.81%	0.401%
60	12.594	962	963	967	rVB	530744	779620	24.53%	1.446%
61	12.674	967	970	973	rBV2	288790	525147	16.53%	0.974%
62	12.776	973	979	981	rVV	635796	1018117	32.04%	1.888%
63	12.845	982	985	986	rVV	643642	630465	19.84%	1.169%
64	12.879	986	988	992	rVV	521914	687527	21.63%	1.275%
65	12.971	994	996	997	rVV	273137	260306	8.19%	0.483%
66	13.005	997	999	1003	rVB2	181827	319641	10.06%	0.593%
67	13.199	1012	1016	1019	rVB2	125161	253808	7.99%	0.471%
68	13.256	1019	1021	1023	rBV	129979	207289	6.52%	0.384%
69	13.291	1023	1024	1030	rVB	156037	279667	8.80%	0.519%
70	13.394	1030	1033	1034	rBV	277699	424669	13.36%	0.788%
71	13.496	1041	1042	1046	rVB2	96057	151430	4.77%	0.281%

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Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
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72	13.634	1051	1054	1056	rBV	1253331	2531878	79.67%	4.696%
73	13.679	1056	1058	1061	rVB	1469046	1806949	56.86%	3.351%
74	13.748	1061	1064	1066	rBV2	298437	301454	9.49%	0.559%
75	13.794	1066	1068	1071	rBV3	122842	180577	5.68%	0.335%
76	13.851	1071	1073	1081	rVB3	161295	408887	12.87%	0.758%
77	13.988	1084	1085	1086	rBV	104645	132768	4.18%	0.246%
78	14.034	1086	1089	1090	rBV	326334	398432	12.54%	0.739%
79	14.057	1090	1091	1093	rVB	162833	189137	5.95%	0.351%
80	14.125	1094	1097	1098	rBV2	175516	257302	8.10%	0.477%
81	14.354	1113	1117	1120	rBV4	137510	355040	11.17%	0.658%
82	14.434	1120	1124	1126	rVB3	78010	203409	6.40%	0.377%
83	14.502	1128	1130	1132	rBV	142912	173171	5.45%	0.321%
84	14.651	1139	1143	1148	rBV	1325562	3125712	98.36%	5.797%
85	14.719	1148	1149	1152	rVB	249346	343469	10.81%	0.637%
86	14.891	1161	1164	1166	rBV	766334	1061794	33.41%	1.969%
87	14.948	1166	1169	1171	rVV	1168050	1580609	49.74%	2.931%
88	14.982	1171	1172	1173	rVV	153937	208121	6.55%	0.386%
89	15.017	1173	1175	1178	rVB	407628	545277	17.16%	1.011%
90	15.440	1210	1212	1214	rVB	98323	112961	3.55%	0.210%
91	16.022	1260	1263	1264	rBV2	55082	107613	3.39%	0.200%
92	16.182	1274	1277	1281	rBV	458198	877420	27.61%	1.627%
93	16.320	1286	1289	1291	rBV2	126185	272117	8.56%	0.505%
94	16.365	1291	1293	1296	rVB2	74850	130591	4.11%	0.242%
95	16.537	1304	1308	1313	rBV	319763	692028	21.78%	1.283%
96	16.731	1322	1325	1331	rVB2	104985	259779	8.17%	0.482%
97	18.331	1460	1465	1474	rVB	72422	261204	8.22%	0.484%
98	18.480	1474	1478	1481	rBV	54449	163245	5.14%	0.303%
99	19.246	1540	1545	1548	rBV	27466	112037	3.53%	0.208%
100	19.314	1549	1551	1559	rVB2	31328	111187	3.50%	0.206%

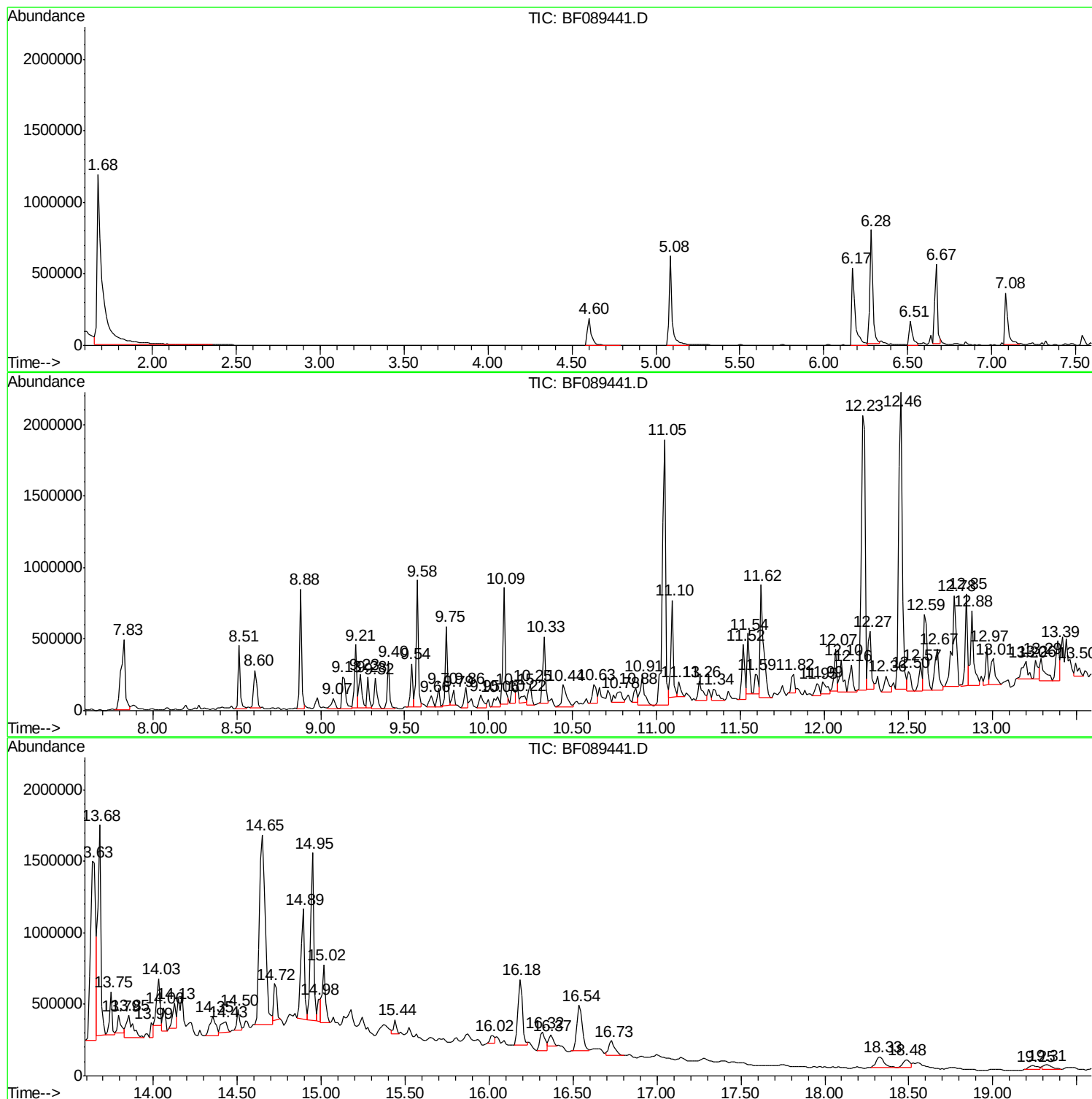
Sum of corrected areas: 53918937

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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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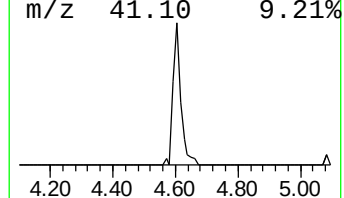
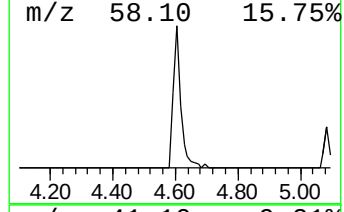
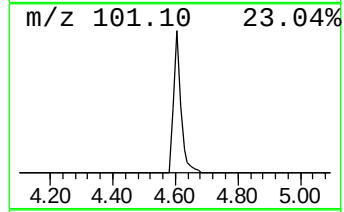
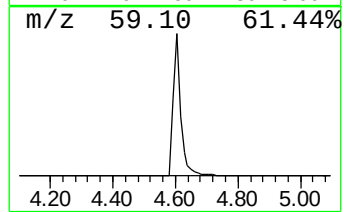
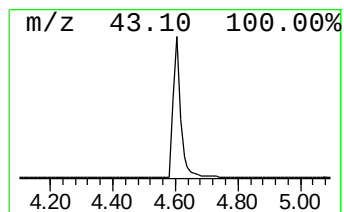
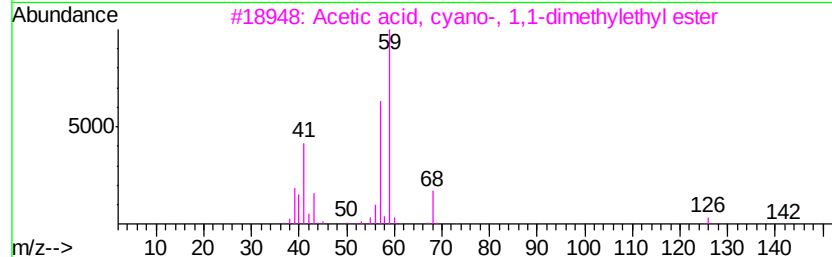
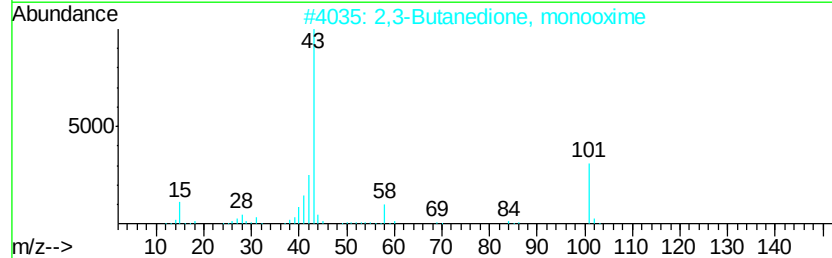
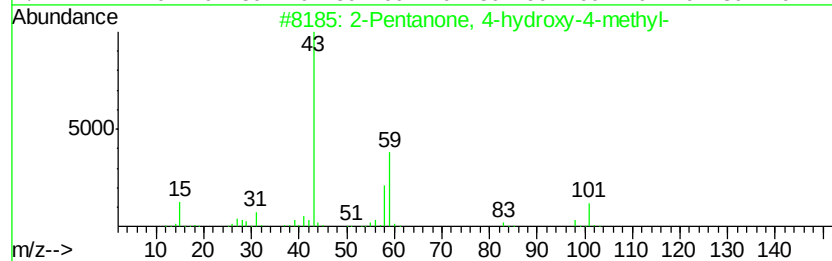
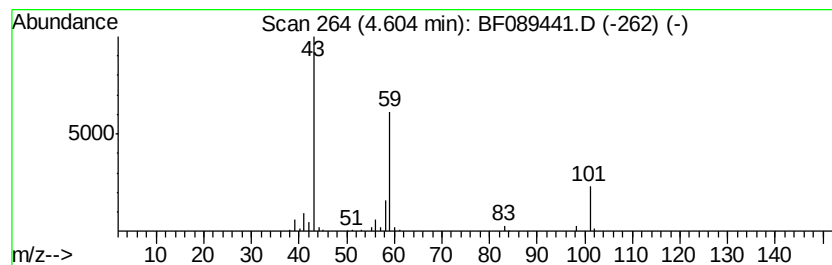
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	27.89 ng	301583	1,4-Dichlorobenzene-d4	6.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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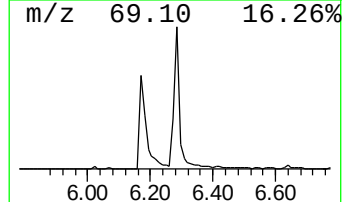
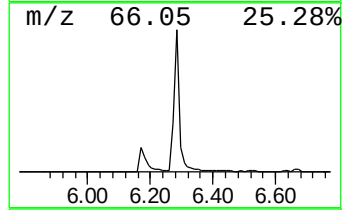
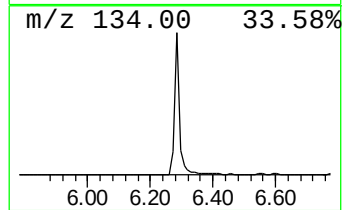
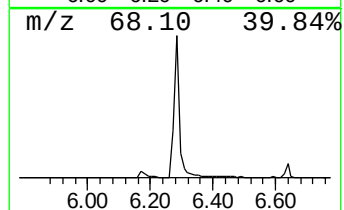
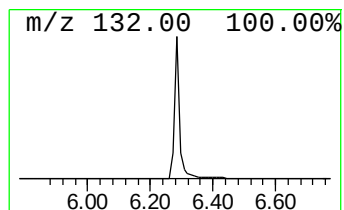
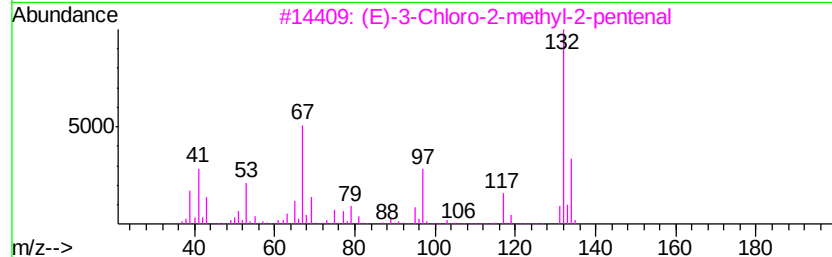
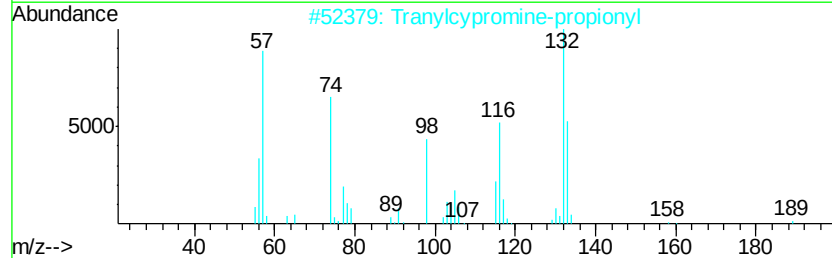
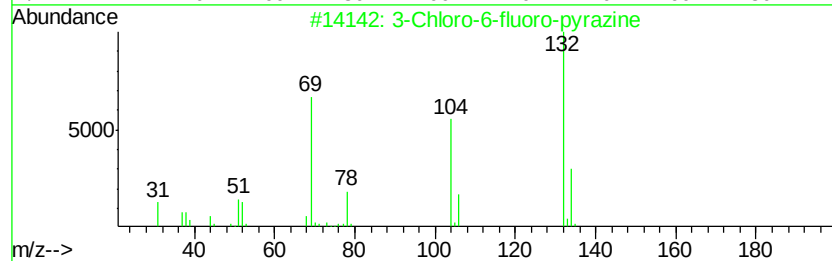
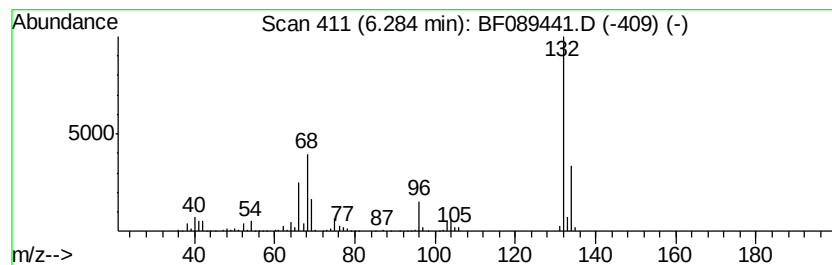
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.28 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.28	77.37 ng	836550	1,4-Dichlorobenzene-d4	6.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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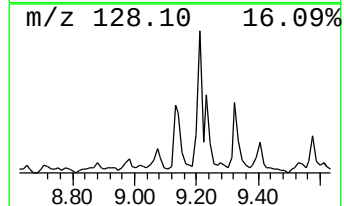
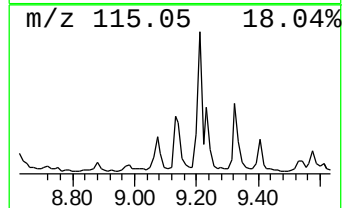
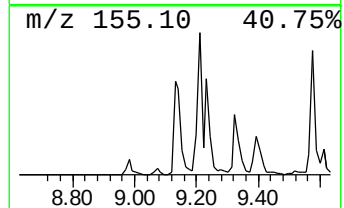
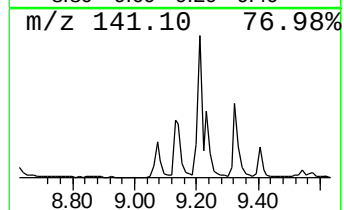
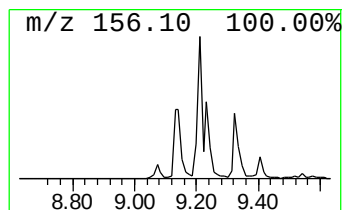
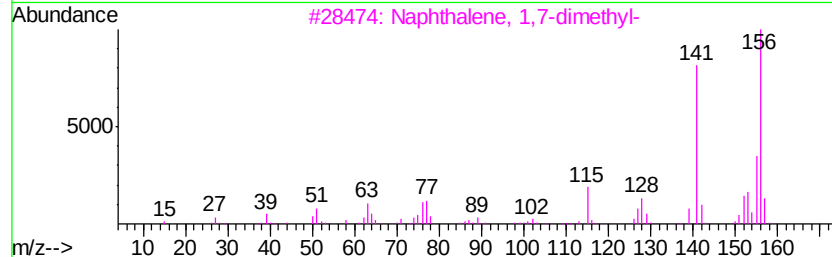
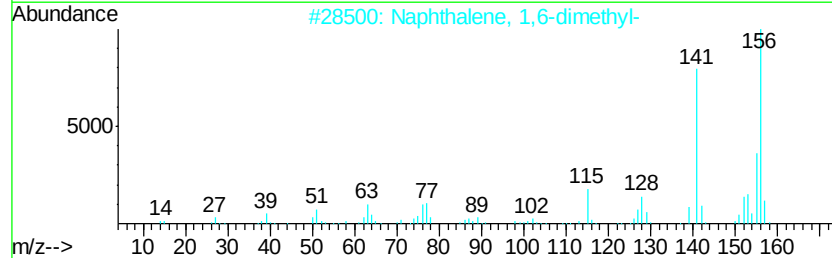
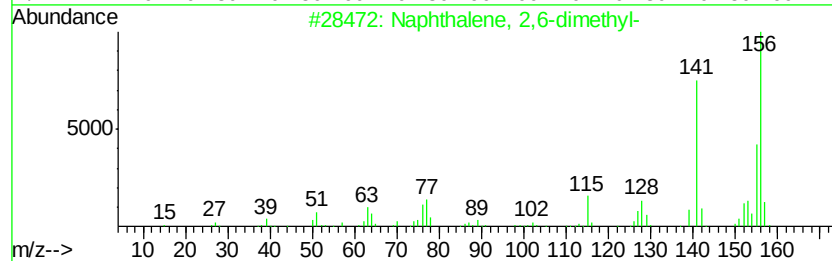
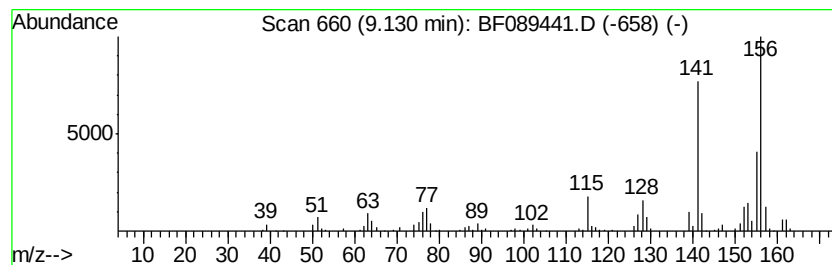
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	24.89 ng	370226	Acenaphthene-d10	9.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



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Operator : UM/SJ
Sample : H4215-02
Misc :
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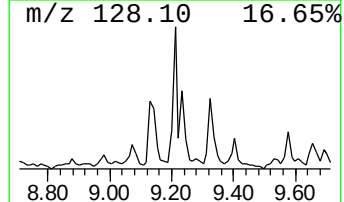
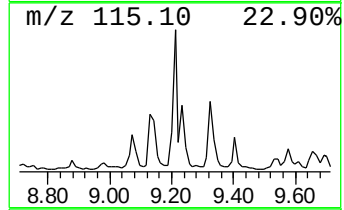
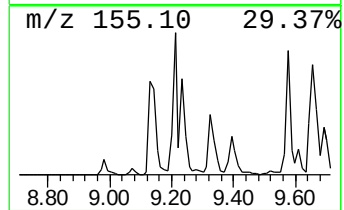
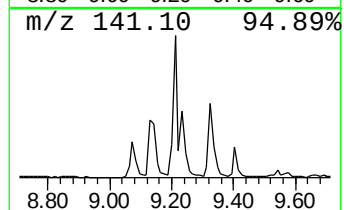
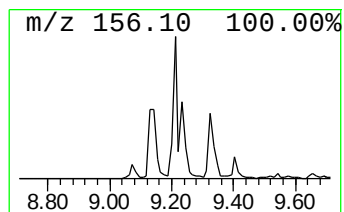
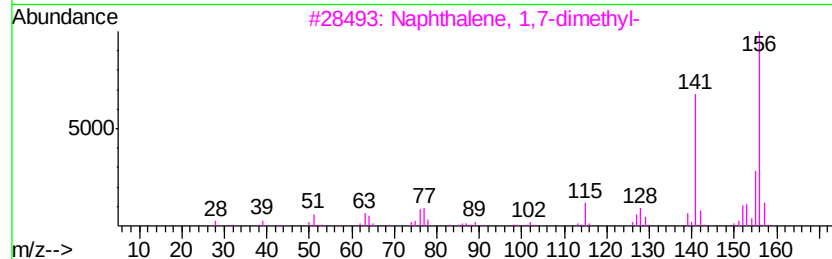
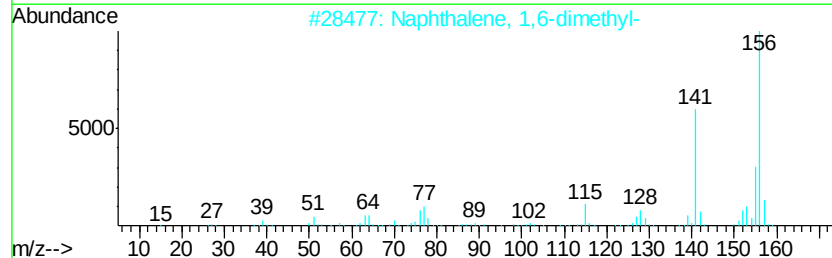
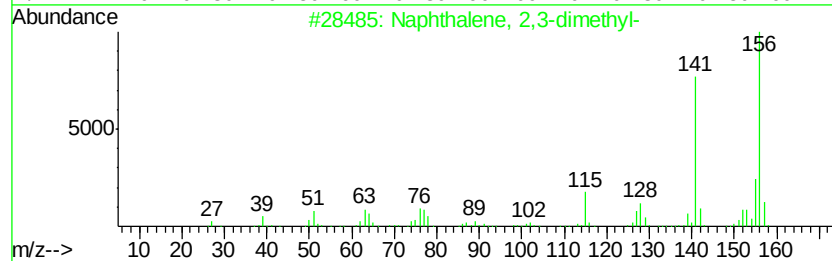
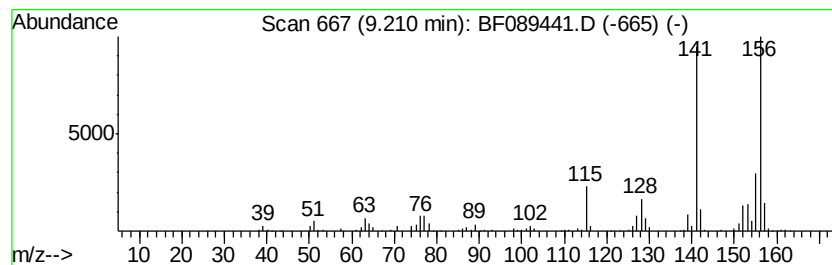
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	29.48 ng	438527	Acenaphthene-d10	9.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96
4		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 96
5		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
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Acq On : 30 Jul 2016 7:10
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Instrument :
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ClientSampleId :
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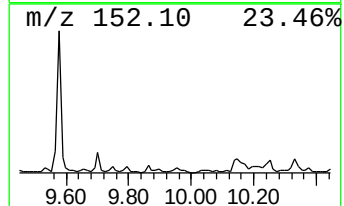
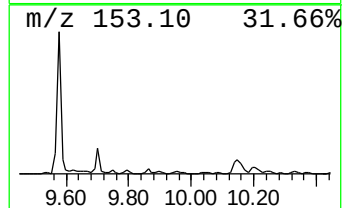
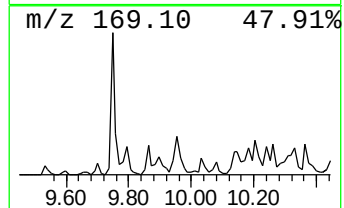
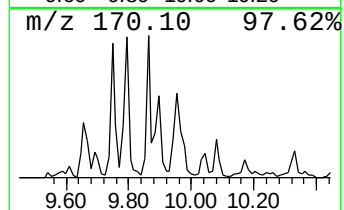
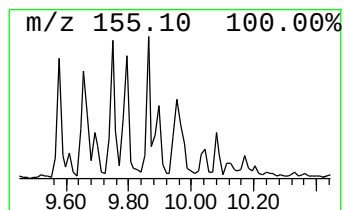
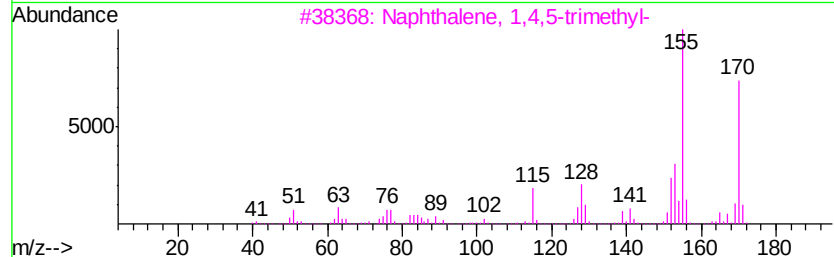
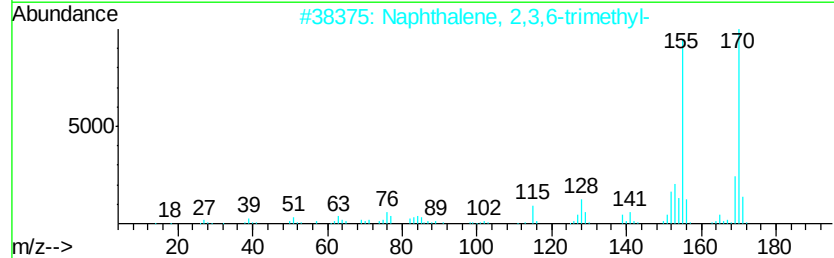
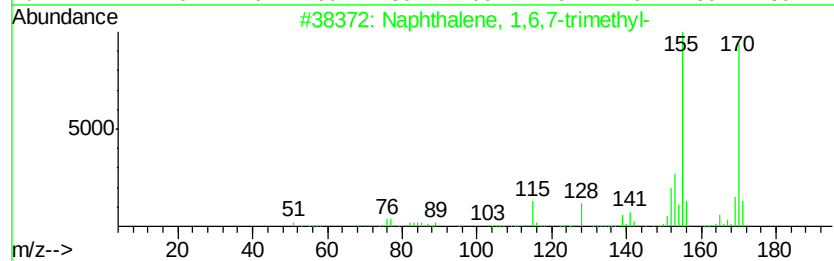
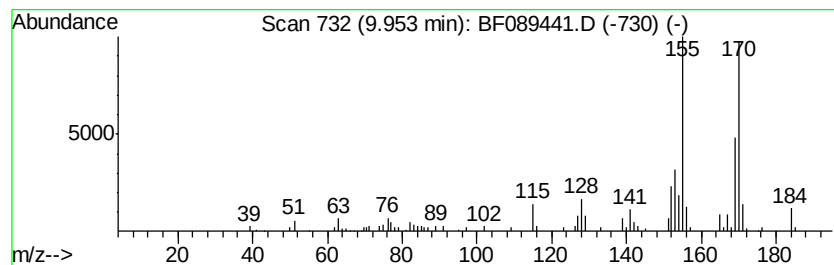
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	11.43 ng	170057	Acenaphthene-d10	9.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
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Sample : H4215-02
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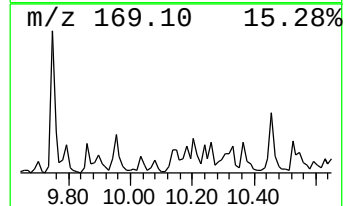
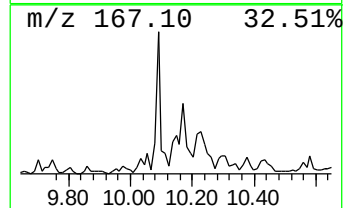
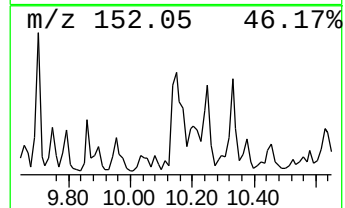
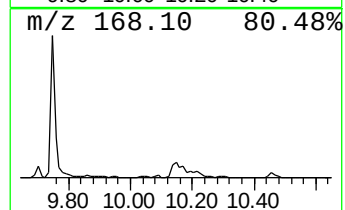
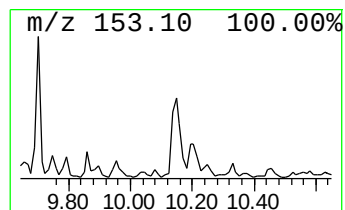
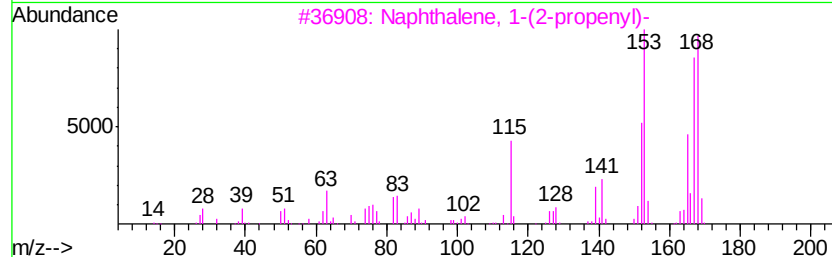
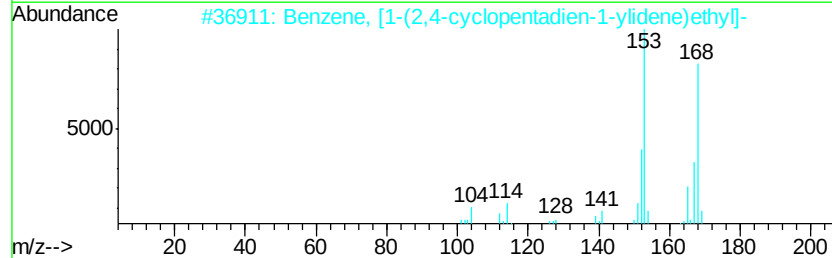
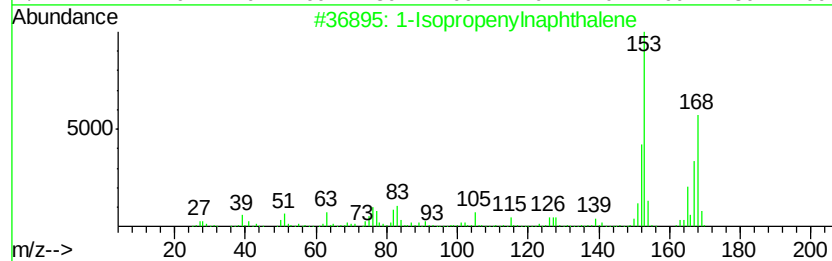
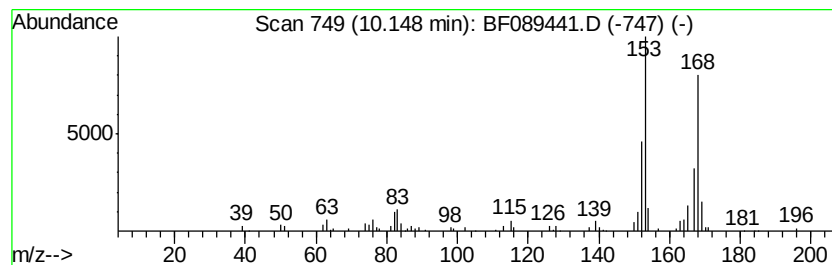
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Isopropenylnaphthalene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	11.73 ng	174469	Acenaphthene-d10	9.54
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Isopropenylnaphthalene	168 C13H12	001855-47-6 95
2		Benzene, [1-(2,4-cyclopentadien-...	168 C13H12	002320-32-3 87
3		Naphthalene, 1-(2-propenyl)-	168 C13H12	002489-86-3 72
4		Naphthalene, 2-(1-methylethenyl)-	168 C13H12	003710-23-4 59
5		Diphenylmethane	168 C13H12	000101-81-5 53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
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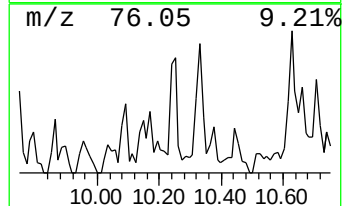
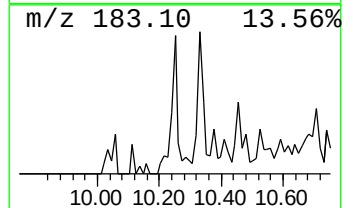
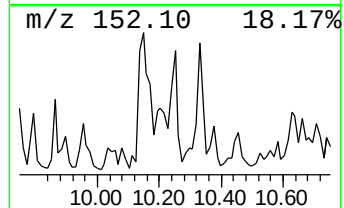
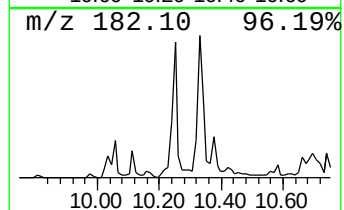
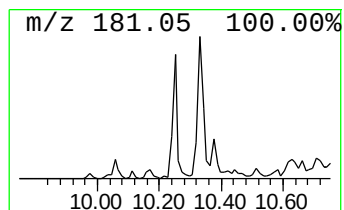
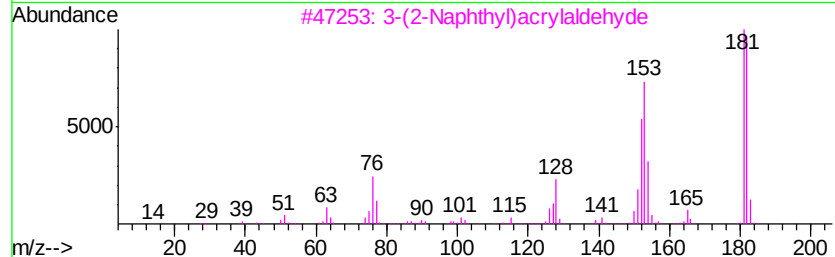
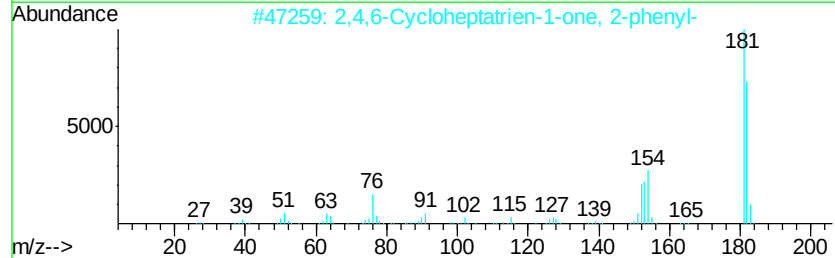
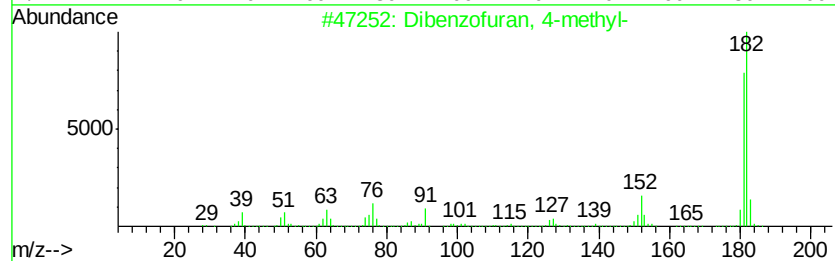
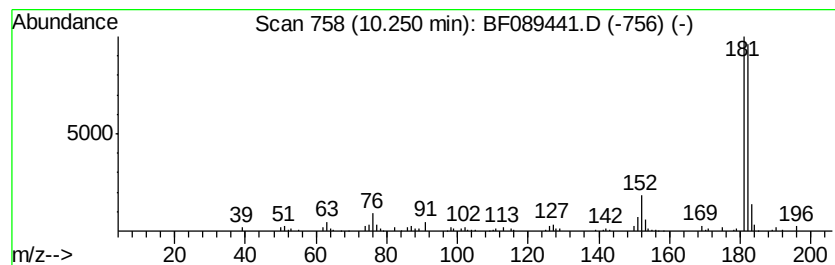
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dibenzofuran, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.25	12.48 ng	185593	Acenaphthene-d10	9.54	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
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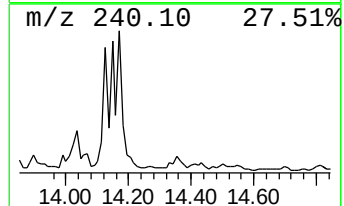
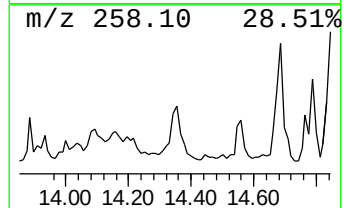
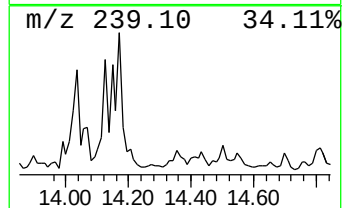
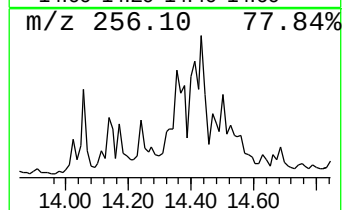
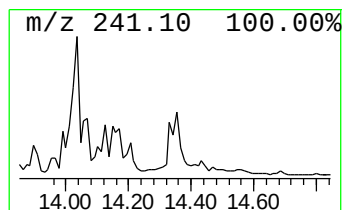
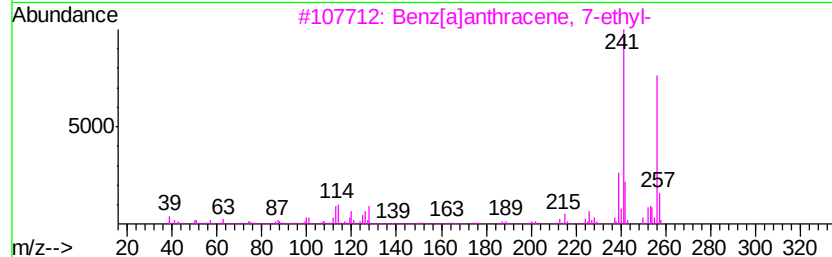
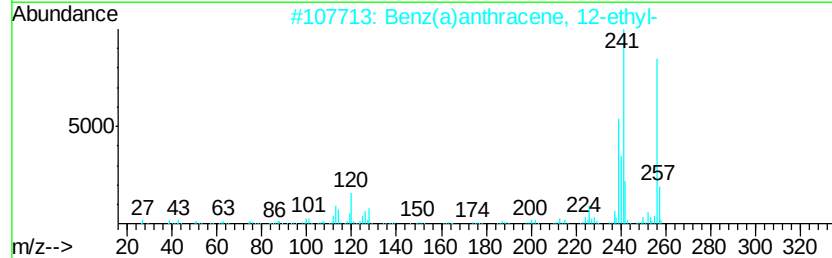
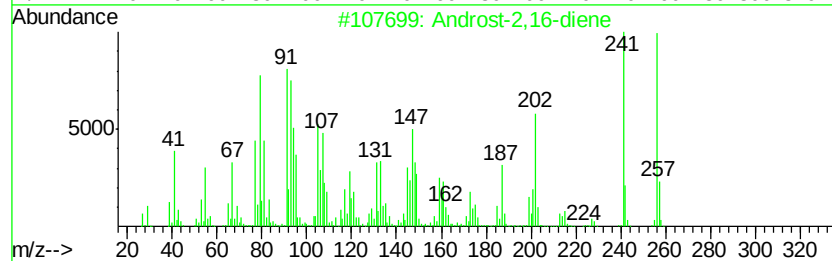
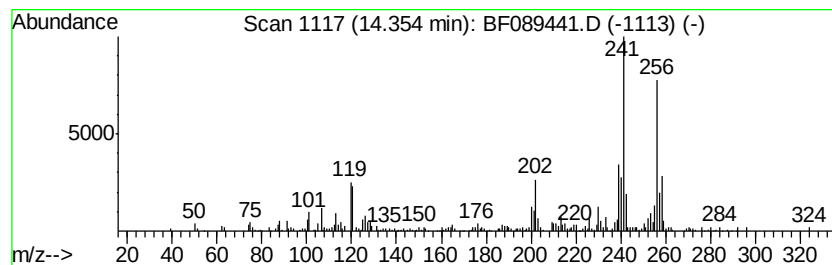
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Androst-2,16-diene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	34.12 ng	355040	Perylene-d12	14.99
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Androst-2,16-diene	256 C19H28	1000193-07-5	96
2	Benz(a)anthracene, 12-ethyl-	256 C20H16	018868-66-1	76
3	Benz[a]anthracene, 7-ethyl-	256 C20H16	003697-30-1	70
4	Benz(a)anthracene, 6,7-dimethyl-	256 C20H16	020627-28-5	62
5	Benz[a]anthracene, 7,12-dimethyl-	256 C20H16	000057-97-6	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
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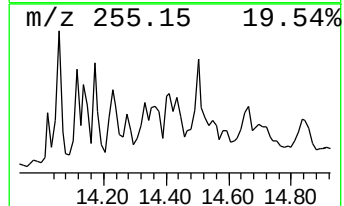
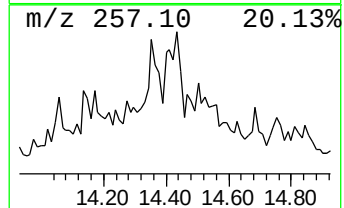
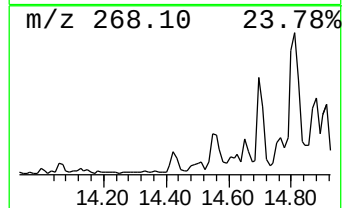
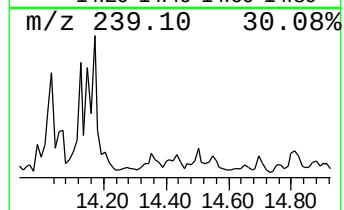
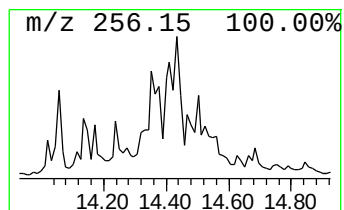
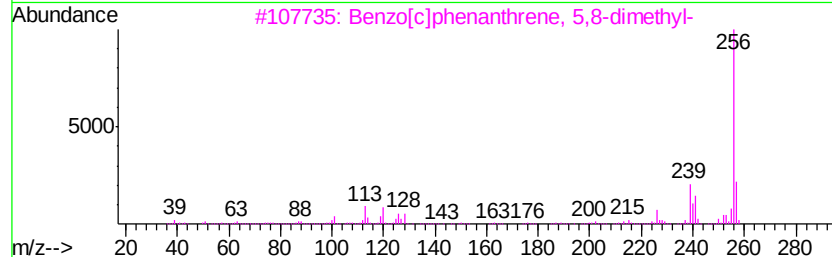
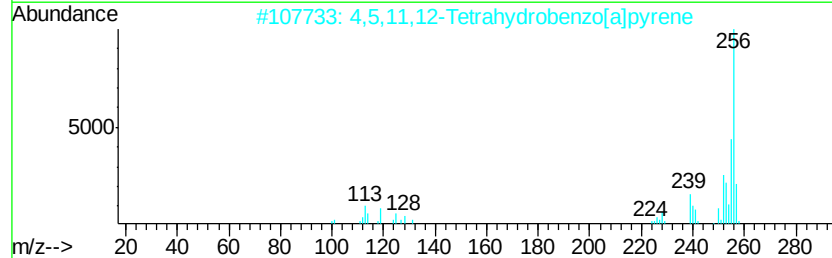
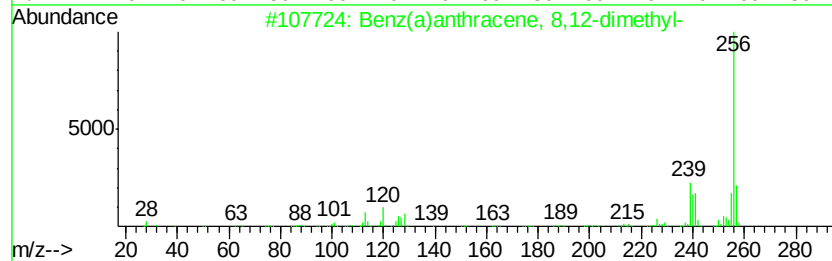
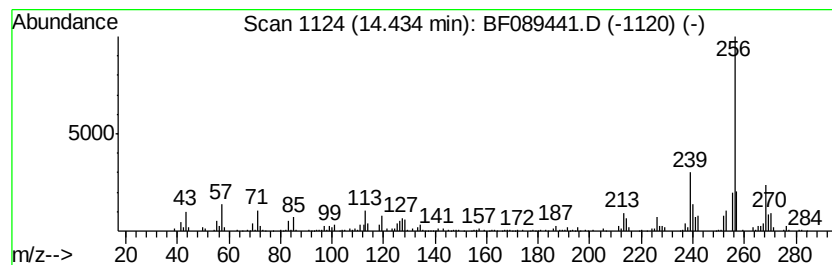
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benz(a)anthracene, 8,12-dim... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	19.55 ng	203409	Perylene-d12	14.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz(a)anthracene, 8,12-dimethyl-	256	C20H16	020627-31-0	90
2		4,5,11,12-Tetrahydrobenzo[a]pyrene	256	C20H16	109292-58-2	78
3		Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	76
4		Benz(a)anthracene, 6,12-dimethyl-	256	C20H16	000568-81-0	76
5		Benz(a)anthracene, 7,8-dimethyl-	256	C20H16	000604-81-9	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
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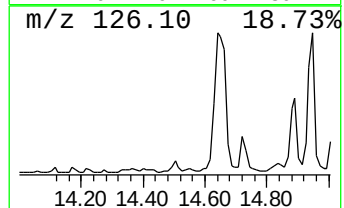
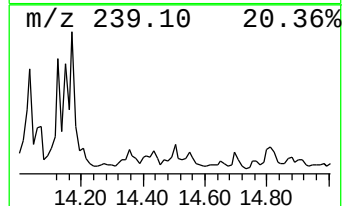
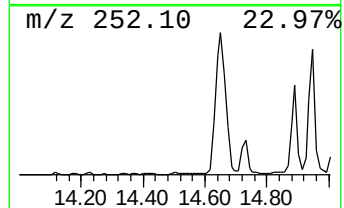
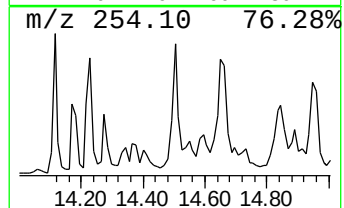
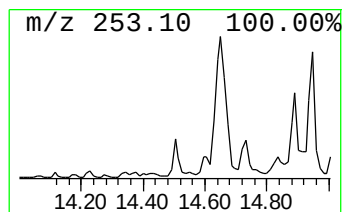
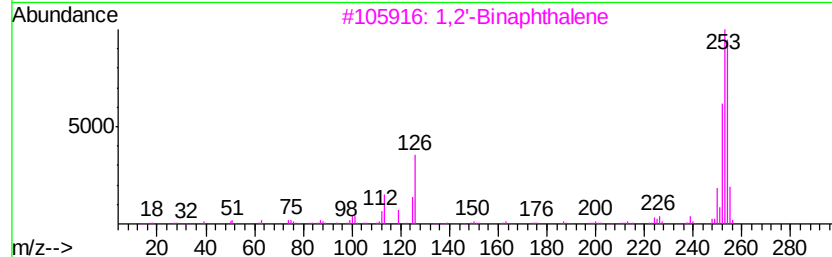
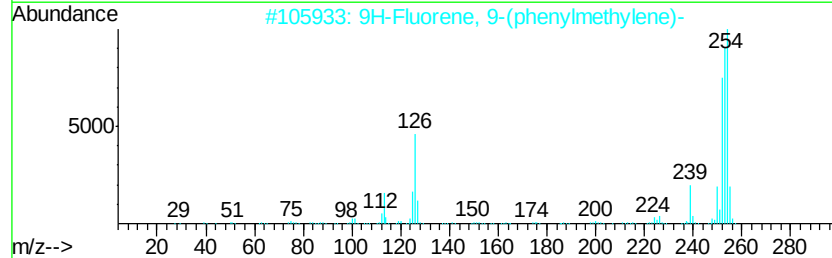
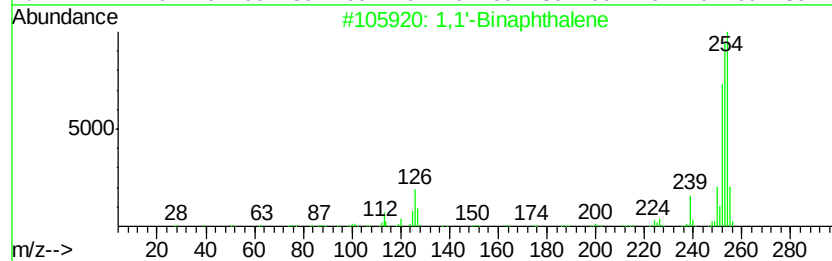
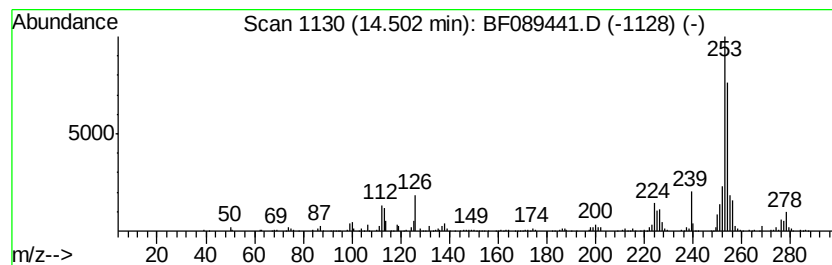
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1,1'-Binaphthalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	16.64 ng	173171	Perylene-d12	14.99
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1,1'-Binaphthalene	254 C20H14	000604-53-5 94
2		9H-Fluorene, 9-(phenylmethylene)-	254 C20H14	001836-87-9 64
3		1,2'-Binaphthalene	254 C20H14	004325-74-0 58
4		4,5-Dihydrobenzo[e]pyrene	254 C20H14	095676-42-9 58
5		3H-Pyrrolo[3,2-f]quinoline, 5-me...	254 C16H18N2O	1000350-44-1 58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089441.D
Acq On : 30 Jul 2016 7:10
Operator : UM/SJ
Sample : H4215-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

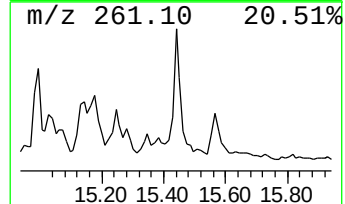
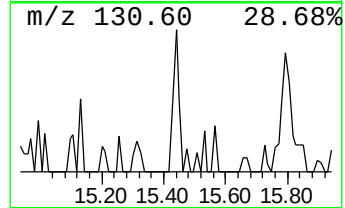
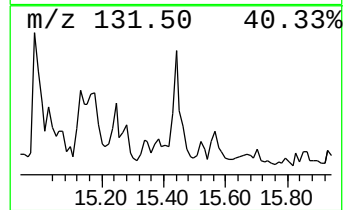
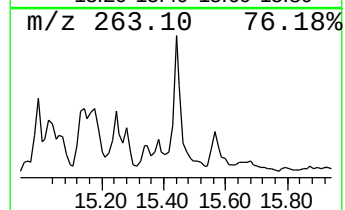
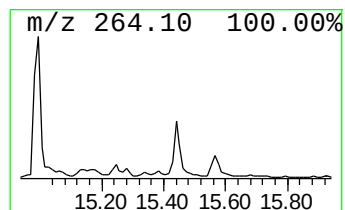
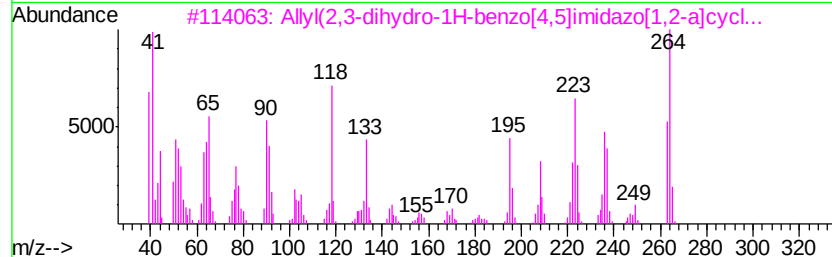
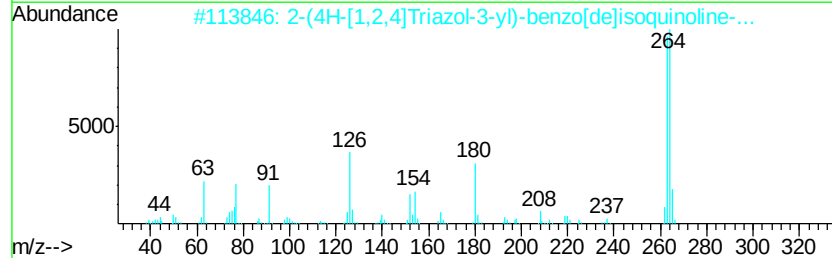
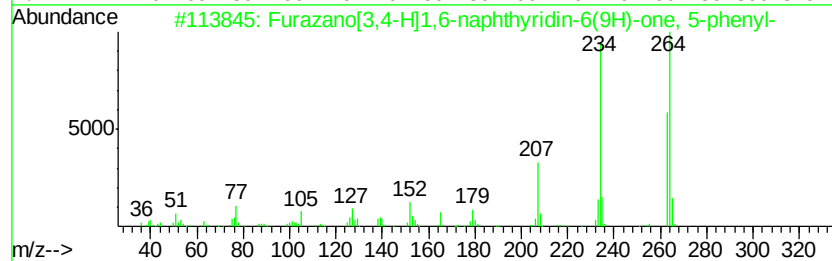
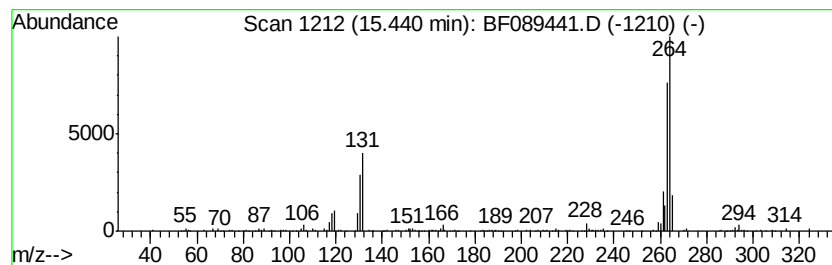
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown15.44 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	10.86 ng	112961	Perylene-d12	14.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Furazano[3,4-H]1,6-naphthyridin-...	264	C14H8N4O2	296245-19-7	49
2		2-(4H-[1,2,4]Triazol-3-yl)-benzo...	264	C14H8N4O2	1000318-09-6	47
3		Allyl(2,3-dihydro-1H-benzo[4,5]i...	264	C16H16N4	1000322-09-2	38
4		Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	006900-92-1	25
5		2,4,6,8-Tetrathiatricyclo[3.3.1...	264	C10H16S4	007000-79-5	25



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Instrument :
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ClientSampleId :
SB-15-COMP

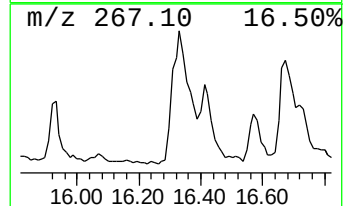
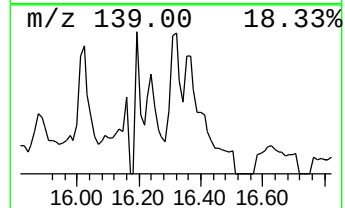
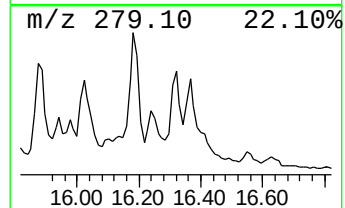
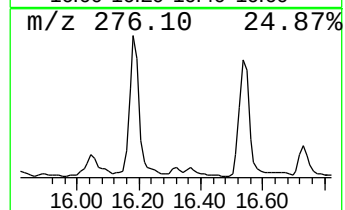
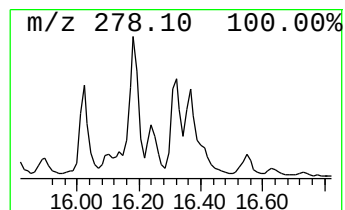
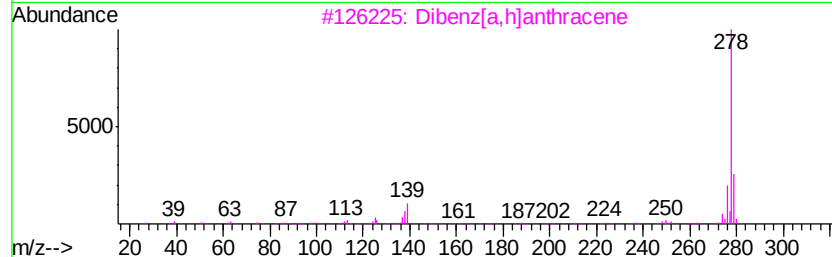
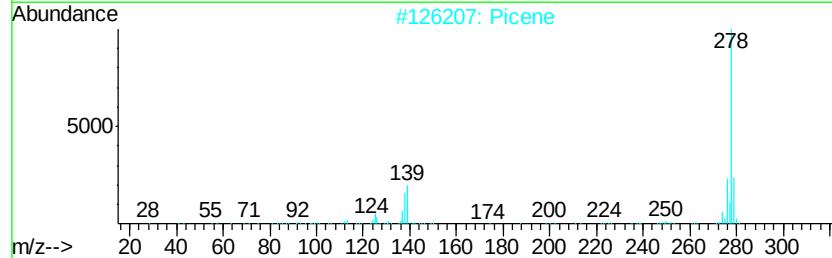
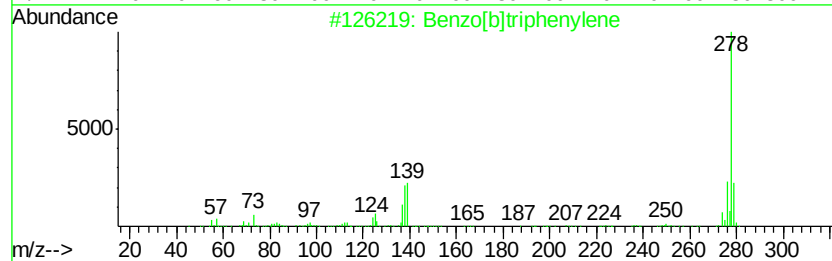
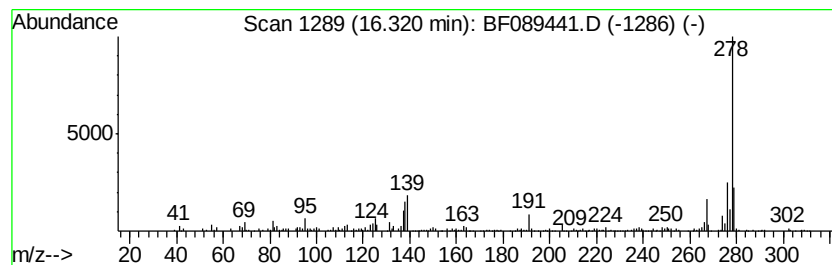
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzo[b]triphenylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	26.15 ng	272117	Perylene-d12	14.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	93
2		Picene	278	C22H14	000213-46-7	93
3		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	92
4		Benzo[b]chrysene	278	C22H14	000214-17-5	86
5		Pentacene	278	C22H14	000135-48-8	86



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Data File : BF089441.D
Acq On : 30 Jul 2016 7:10
Operator : UM/SJ
Sample : H4215-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

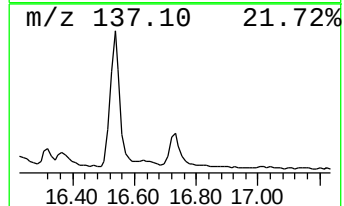
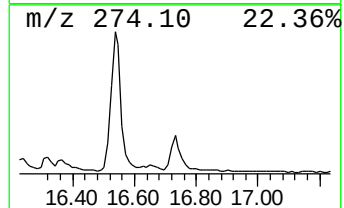
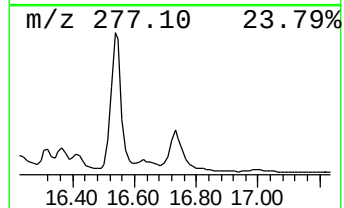
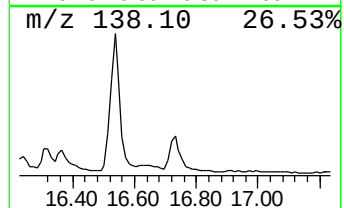
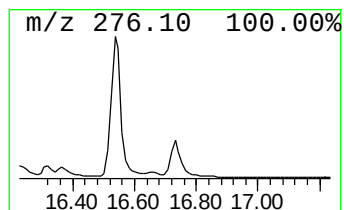
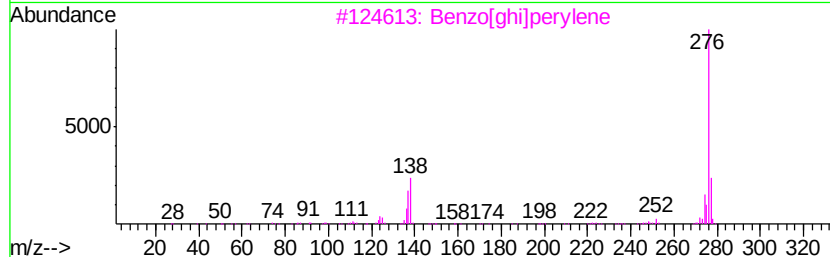
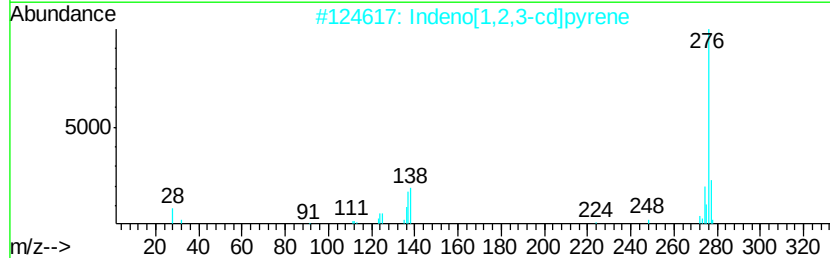
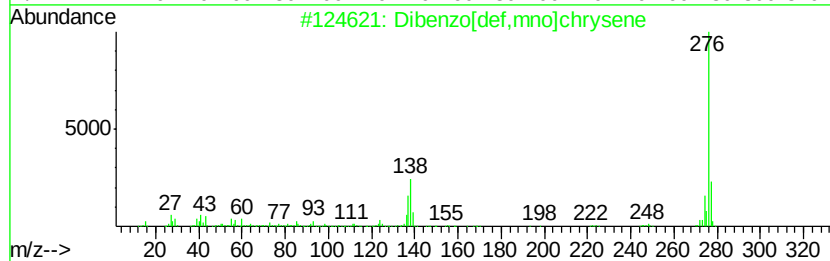
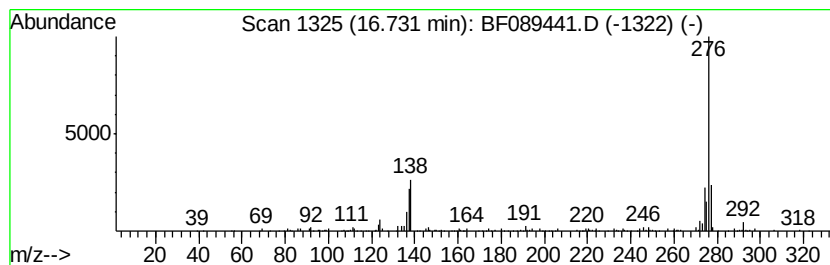
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dibenzo[def,mno]chrysene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	24.96 ng	259779	Perylene-d12	14.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	93
2		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	91
3		Benzo[ghi]perylene	276	C22H12	000191-24-2	91
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	83
5		1-Naphthalenecarboxylic acid, 2-...	276	C18H12O3	038119-11-8	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089441.D
Acq On : 30 Jul 2016 7:10
Operator : UM/SJ
Sample : H4215-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

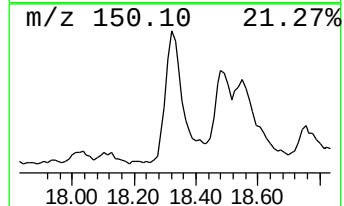
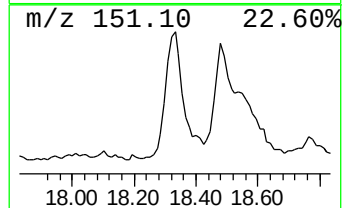
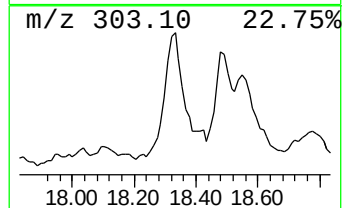
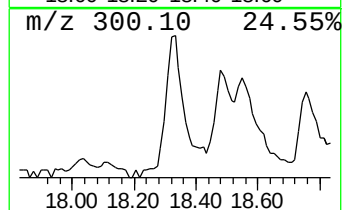
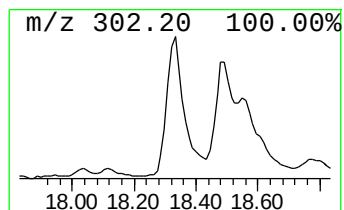
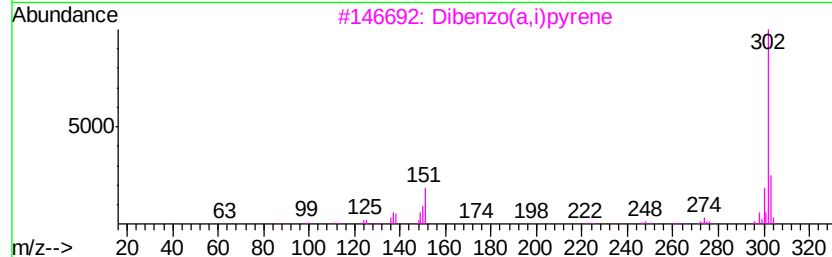
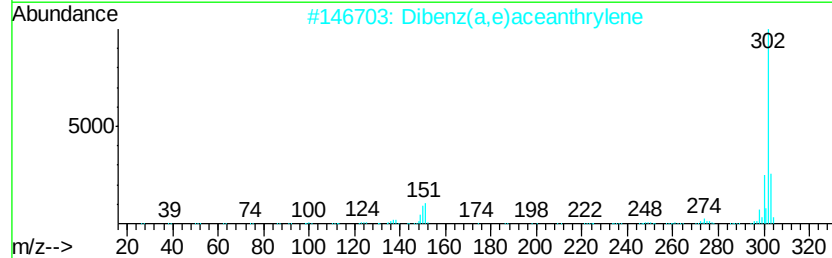
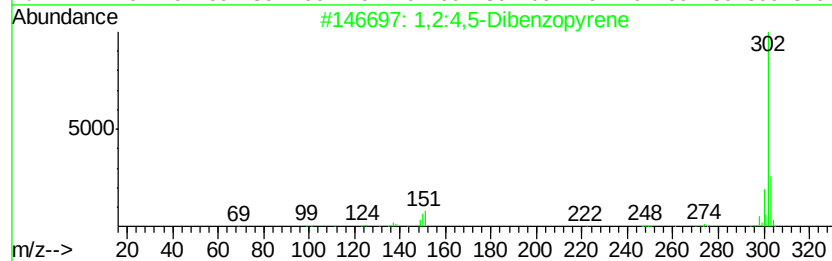
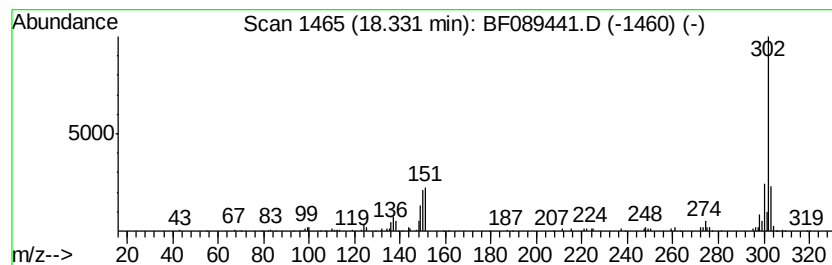
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1,2:4,5-Dibenzopyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	25.10 ng	261204	Perylene-d12	14.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	98
2		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	97
3		Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	97
4		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	93
5		1,2,9,10-Dibenzopyrene	302	C24H14	000191-30-0	91



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 Operator : UM/SJ
 Sample : H4215-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.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...	4.60	27.9	ng	301583	1	6.51	216238	20.0
unknown6.28	6.28	77.4	ng	836550	1	6.51	216238	20.0
Naphthalene, 2,6-...	9.13	24.9	ng	370226	3	9.54	297489	20.0
Naphthalene, 2,3-...	9.21	29.5	ng	438527	3	9.54	297489	20.0
Naphthalene, 1,6,...	9.95	11.4	ng	170057	3	9.54	297489	20.0
1-Isopropenyl naph...	10.15	11.7	ng	174469	3	9.54	297489	20.0
Dibenzofuran, 4-m...	10.25	12.5	ng	185593	3	9.54	297489	20.0
Androst-2,16-diene	14.35	34.1	ng	355040	6	14.99	208121	20.0
Benz(a)anthracene...	14.43	19.6	ng	203409	6	14.99	208121	20.0
1,1'-Binaphthalene	14.50	16.6	ng	173171	6	14.99	208121	20.0
unknown15.44	15.44	10.9	ng	112961	6	14.99	208121	20.0
Benzo[b]triphenylene	16.32	26.1	ng	272117	6	14.99	208121	20.0
Dibenzo[def,mno]c...	16.73	25.0	ng	259779	6	14.99	208121	20.0
1,2:4,5-Dibenzopy...	18.33	25.1	ng	261204	6	14.99	208121	20.0