

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
 Data File : BF079368.D
 Acq On : 20 May 2015 5:55
 Operator : TP/IZ
 Sample : G2289-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-34S

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-BF043015.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.267	4	7	10	rVB	3031586	3290727	67.88%	6.713%
2	1.393	15	18	30	rVB3	80359	249388	5.14%	0.509%
3	1.553	30	32	39	rVB	131690	179366	3.70%	0.366%
4	1.644	39	40	48	rVB	339404	520706	10.74%	1.062%
5	1.758	48	50	87	rVB	2446384	4847552	100.00%	9.888%
6	4.879	321	323	330	rBV	235375	287499	5.93%	0.586%
7	5.416	367	370	373	rBV	764679	896840	18.50%	1.829%
8	6.707	480	483	485	rBV	869187	952514	19.65%	1.943%
9	6.845	492	495	497	rBV	882520	1004251	20.72%	2.049%
10	7.130	517	520	522	rBV	267901	271873	5.61%	0.555%
11	7.313	534	536	538	rBV	848948	763230	15.74%	1.557%
12	7.816	578	580	583	rBV	411750	578681	11.94%	1.180%
13	8.708	655	658	659	rBV	335254	393854	8.12%	0.803%
14	10.045	773	775	778	rBV	934218	1219559	25.16%	2.488%
15	10.559	817	820	822	rVV	69462	69114	1.43%	0.141%
16	10.879	846	848	849	rVV	336511	433535	8.94%	0.884%
17	10.913	849	851	853	rVB	214700	183650	3.79%	0.375%
18	11.131	868	870	873	rBV	105518	109784	2.26%	0.224%
19	11.554	905	907	909	rVB	171007	158457	3.27%	0.323%
20	11.634	909	914	915	rBV	44146	76258	1.57%	0.156%
21	11.851	931	933	936	rVV	746768	862549	17.79%	1.759%
22	12.056	949	951	954	rBV	42475	65956	1.36%	0.135%
23	12.239	963	967	969	rBV2	54447	102759	2.12%	0.210%
24	12.422	980	983	985	rBV3	31536	71254	1.47%	0.145%
25	12.479	985	988	991	rVB	61078	77436	1.60%	0.158%
26	12.548	991	994	995	rBV	55090	72803	1.50%	0.149%
27	12.582	995	997	999	rBV	76106	74937	1.55%	0.153%
28	12.719	1006	1009	1010	rBV	397789	559780	11.55%	1.142%
29	12.742	1010	1011	1013	rVV	1404769	1411437	29.12%	2.879%
30	12.811	1013	1017	1019	rVV	391803	443265	9.14%	0.904%
31	12.857	1019	1021	1024	rVV3	40452	76177	1.57%	0.155%
32	13.017	1033	1035	1037	rBV	118629	119164	2.46%	0.243%
33	13.097	1041	1042	1044	rVV2	56568	70240	1.45%	0.143%
34	13.142	1044	1046	1050	rVV4	43190	85580	1.77%	0.175%

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Integrator: RTE

Smoothing : ON

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Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.348	1061	1064	1065	rBV	260114	301733	6.22%	0.615%
36	13.382	1065	1067	1069	rVB	313894	352349	7.27%	0.719%
37	13.439	1069	1072	1073	rBV	158707	164178	3.39%	0.335%
38	13.474	1073	1075	1077	rVV	490851	591171	12.20%	1.206%
39	13.508	1077	1078	1081	rVB	234008	187318	3.86%	0.382%
40	13.588	1082	1085	1088	rBV4	26634	80342	1.66%	0.164%
41	13.725	1095	1097	1101	rVB2	159943	360155	7.43%	0.735%
42	13.908	1111	1113	1115	rBV	82889	131069	2.70%	0.267%
43	14.034	1121	1124	1126	rBV	185776	277010	5.71%	0.565%
44	14.068	1126	1127	1131	rVB2	115430	197130	4.07%	0.402%
45	14.137	1131	1133	1136	rVB2	118219	197101	4.07%	0.402%
46	14.228	1138	1141	1143	rBV	2080406	2328536	48.04%	4.750%
47	14.297	1145	1147	1149	rBV2	141141	164459	3.39%	0.335%
48	14.331	1149	1150	1153	rVB2	41196	67011	1.38%	0.137%
49	14.400	1153	1156	1158	rBV	132252	156299	3.22%	0.319%
50	14.502	1162	1165	1167	rBV	2115276	2517590	51.94%	5.136%
51	14.594	1172	1173	1177	rVB2	56778	74842	1.54%	0.153%
52	14.662	1177	1179	1180	rBV	128849	135315	2.79%	0.276%
53	14.708	1180	1183	1186	rVB	1200479	1485232	30.64%	3.030%
54	14.788	1186	1190	1192	rBV2	140487	250710	5.17%	0.511%
55	14.891	1195	1199	1200	rBV3	153436	333925	6.89%	0.681%
56	14.914	1200	1201	1204	rVB	274178	357392	7.37%	0.729%
57	15.005	1207	1209	1211	rBV	261116	291656	6.02%	0.595%
58	15.051	1211	1213	1214	rBV	231919	329349	6.79%	0.672%
59	15.154	1220	1222	1224	rVB	162749	164327	3.39%	0.335%
60	15.200	1224	1226	1228	rBV	161148	200421	4.13%	0.409%
61	15.302	1232	1235	1238	rBV3	40961	87916	1.81%	0.179%
62	15.405	1241	1244	1245	rBV3	33537	73416	1.51%	0.150%
63	15.451	1247	1248	1253	rVB3	75389	131453	2.71%	0.268%
64	15.554	1253	1257	1260	rBV2	106982	234258	4.83%	0.478%
65	15.680	1266	1268	1270	rBV	174410	272913	5.63%	0.557%
66	15.725	1270	1272	1275	rVV2	215085	437924	9.03%	0.893%
67	15.771	1275	1276	1278	rVV2	106330	135091	2.79%	0.276%
68	15.817	1278	1280	1282	rVB	134111	166829	3.44%	0.340%
69	15.885	1283	1286	1290	rVV3	177814	321826	6.64%	0.656%
70	15.988	1291	1295	1298	rVV2	1126648	2368498	48.86%	4.831%
71	16.034	1298	1299	1304	rVB	1136396	1123359	23.17%	2.291%

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 Sampling : 1 Min Area: 3 % of largest Peak
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 Stop Thrs : 0 Peak Location: TOP

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72	16.125	1304	1307	1309	rBV2	234762	292112	6.03%	0.596%
73	16.183	1309	1312	1313	rBV3	30118	64634	1.33%	0.132%
74	16.251	1316	1318	1320	rVB2	66059	102763	2.12%	0.210%
75	16.297	1320	1322	1323	rBV	123318	124017	2.56%	0.253%
76	16.411	1329	1332	1333	rBV	50494	107056	2.21%	0.218%
77	16.445	1333	1335	1336	rVV	88124	79607	1.64%	0.162%
78	16.491	1336	1339	1341	rVV	277816	350972	7.24%	0.716%
79	16.537	1341	1343	1345	rVB	109013	132890	2.74%	0.271%
80	16.605	1345	1349	1351	rBV2	140901	195378	4.03%	0.399%
81	16.640	1351	1352	1354	rBV2	86156	151890	3.13%	0.310%
82	16.754	1360	1362	1365	rVB2	79924	107723	2.22%	0.220%
83	16.811	1365	1367	1371	rBV3	41963	80574	1.66%	0.164%
84	16.880	1371	1373	1375	rBV3	94409	156778	3.23%	0.320%
85	17.074	1387	1390	1391	rBV2	64398	112591	2.32%	0.230%
86	17.268	1405	1407	1412	rVB	1050743	2145594	44.26%	4.377%
87	17.383	1415	1417	1419	rVB	239115	256835	5.30%	0.524%
88	17.474	1419	1425	1426	rBV3	115829	389173	8.03%	0.794%
89	17.577	1432	1434	1437	rBV	655968	850378	17.54%	1.735%
90	17.646	1437	1440	1442	rVB	954191	1242194	25.63%	2.534%
91	17.703	1443	1445	1446	rBV	505896	578339	11.93%	1.180%
92	17.726	1446	1447	1451	rVB2	268746	364762	7.52%	0.744%
93	18.229	1489	1491	1494	rVB2	126967	195845	4.04%	0.399%
94	18.914	1548	1551	1554	rBV3	86774	215949	4.45%	0.441%
95	19.074	1562	1565	1570	rVB2	519887	997440	20.58%	2.035%
96	19.246	1577	1580	1582	rBV	158125	344524	7.11%	0.703%
97	19.291	1582	1584	1587	rVB	107540	206181	4.25%	0.421%
98	19.486	1597	1601	1609	rVB	436329	897670	18.52%	1.831%
99	19.634	1612	1614	1617	rVV2	91868	264183	5.45%	0.539%
100	19.692	1617	1619	1628	rVB	133401	384616	7.93%	0.785%

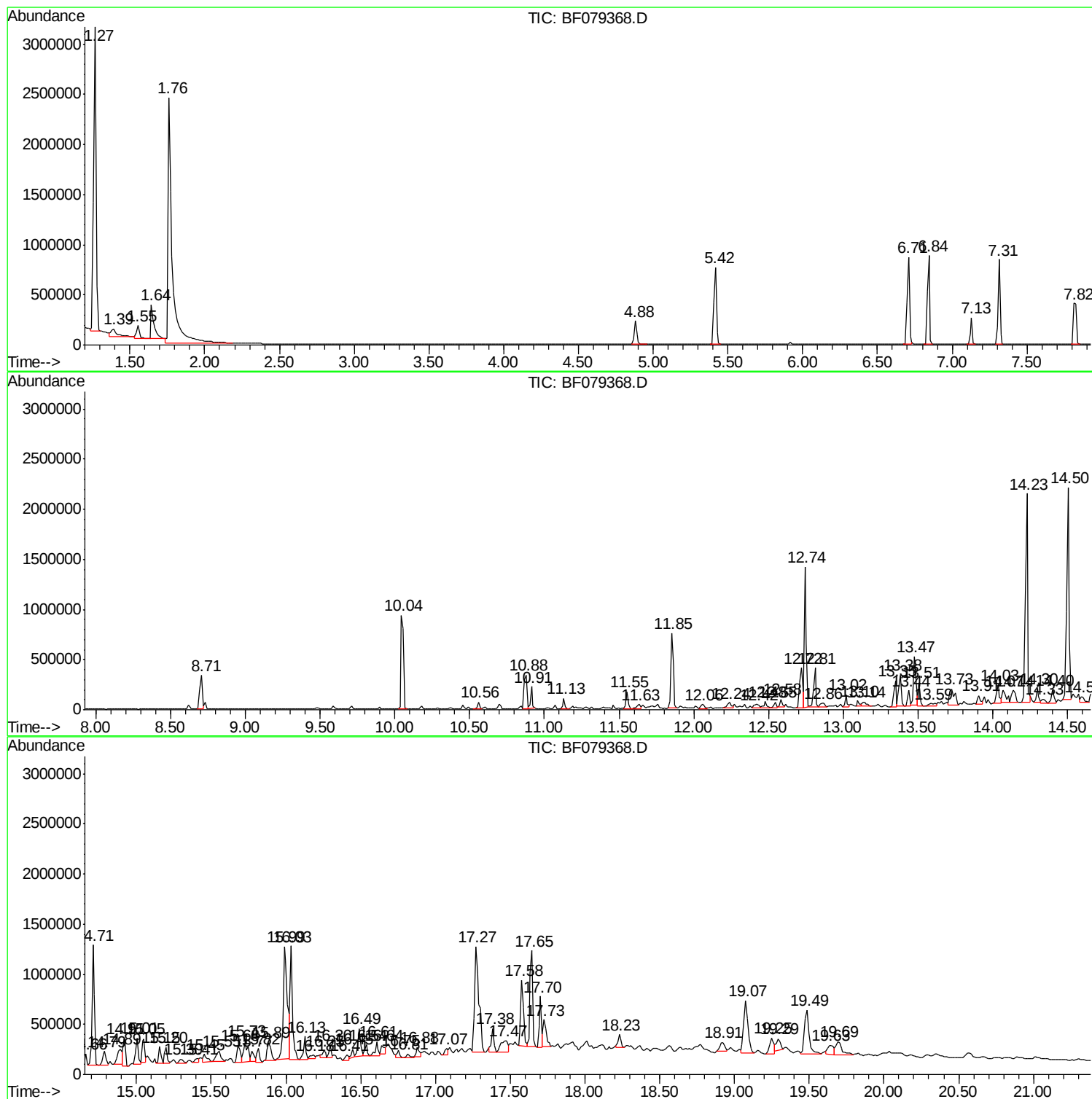
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ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SB-34S

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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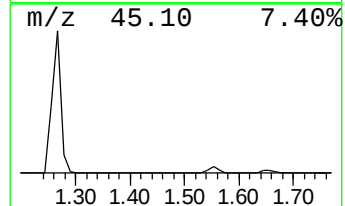
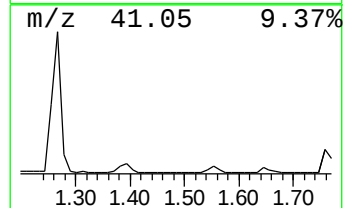
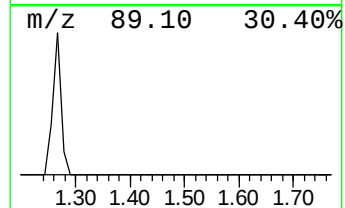
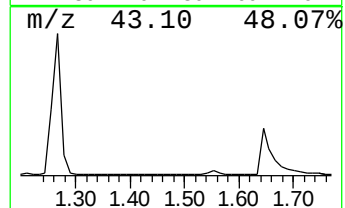
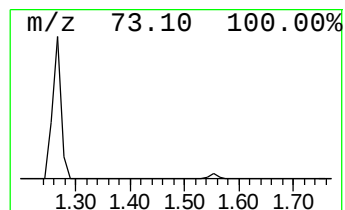
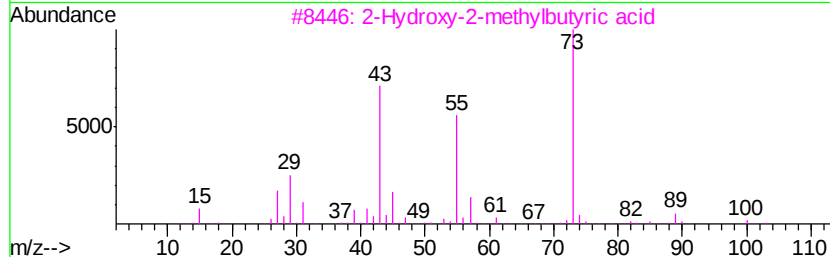
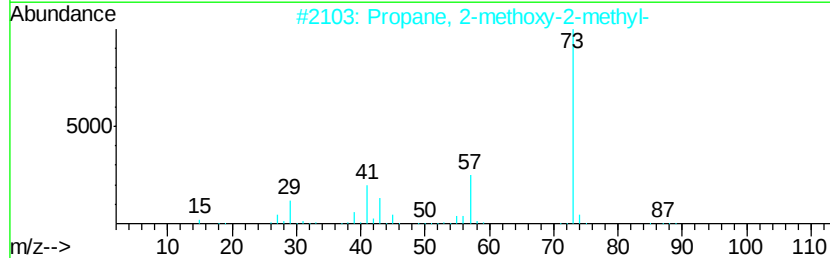
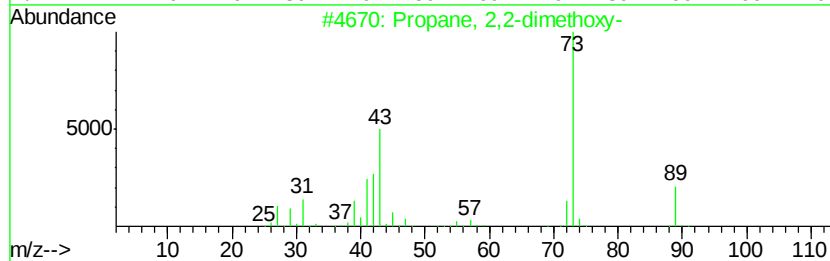
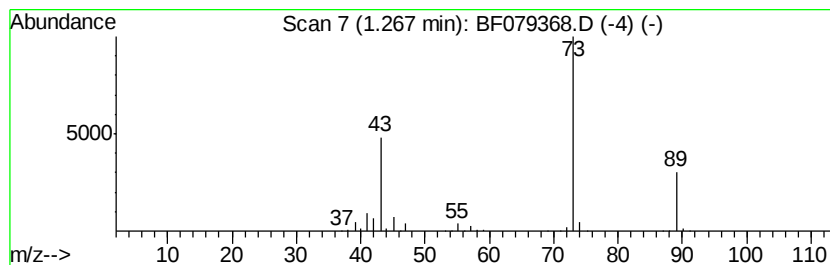
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown1.27 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.27	242.08 ng	3290730	1,4-Dichlorobenzene-d4	7.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
4		1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5		Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7



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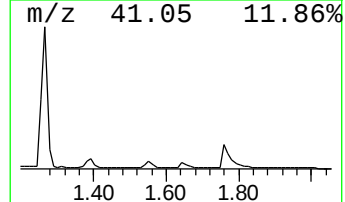
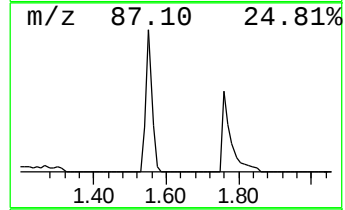
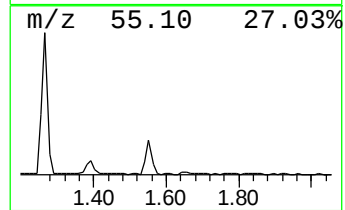
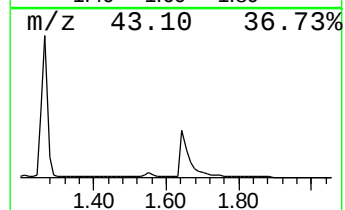
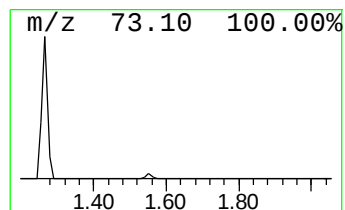
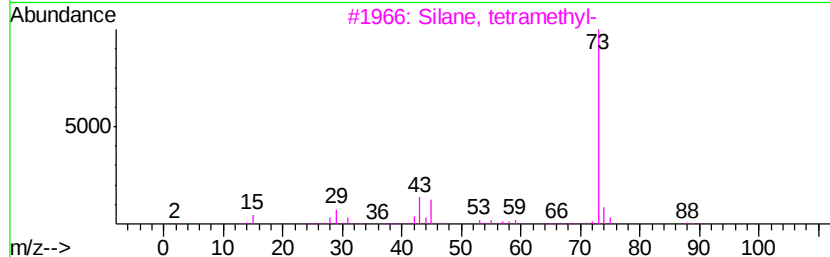
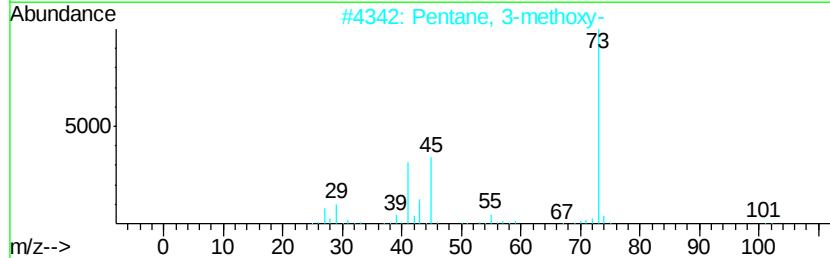
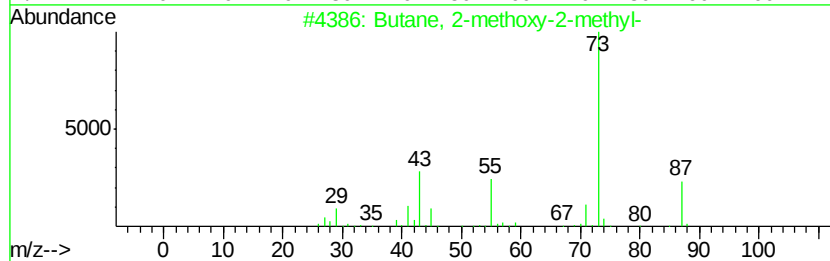
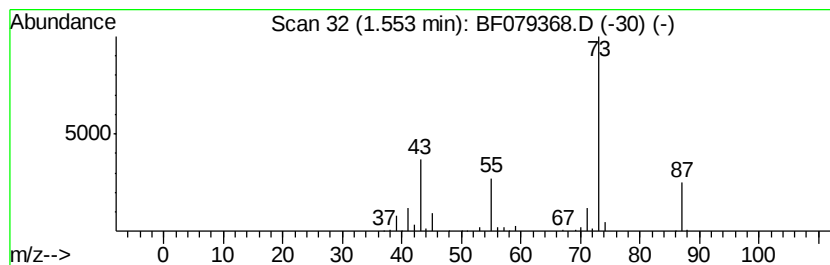
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.55	13.19 ng	179366	1,4-Dichlorobenzene-d4	7.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	16
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5		Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9



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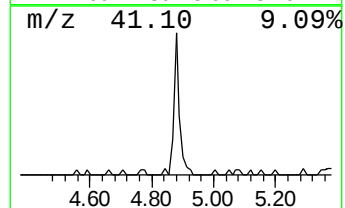
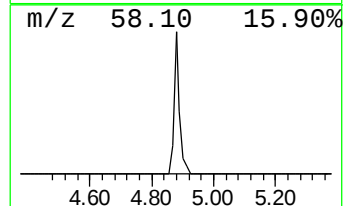
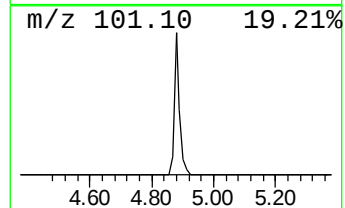
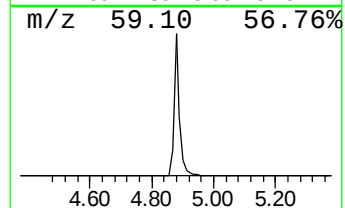
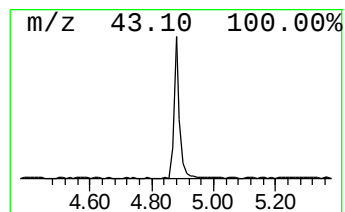
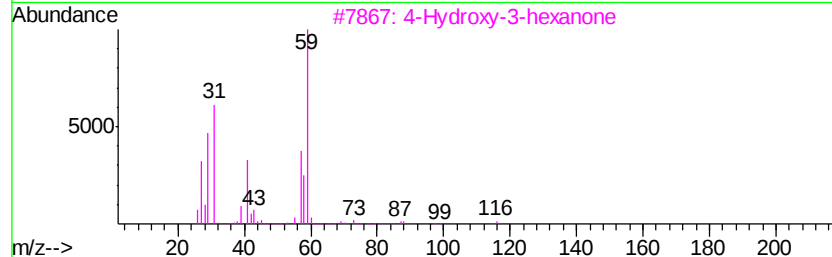
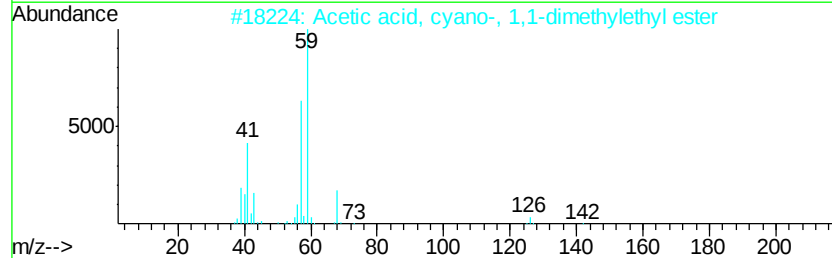
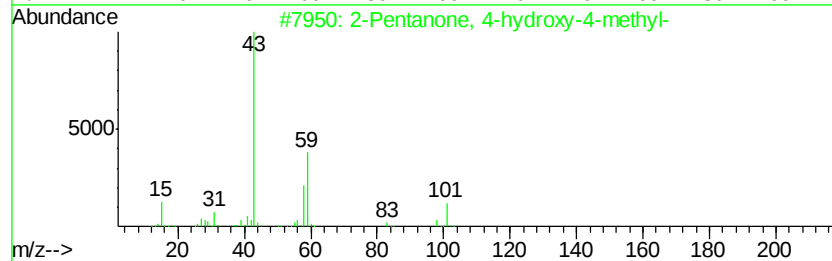
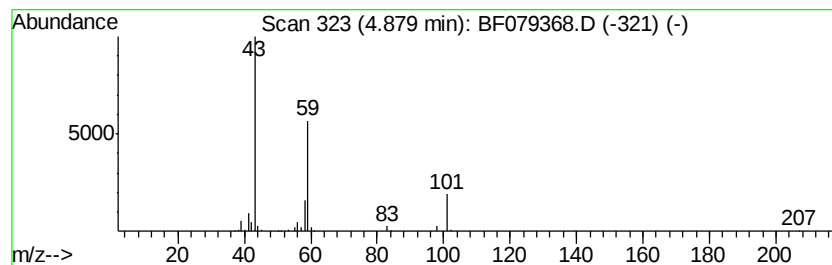
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	21.15 ng	287499	1,4-Dichlorobenzene-d4	7.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3		4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9
4		Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9
5		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
Data File : BF079368.D
Acq On : 20 May 2015 5:55
Operator : TP/IZ
Sample : G2289-02
Misc :
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ClientSampleId :
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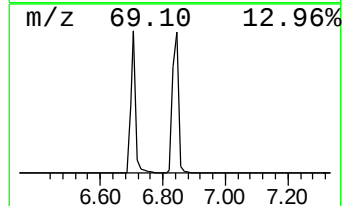
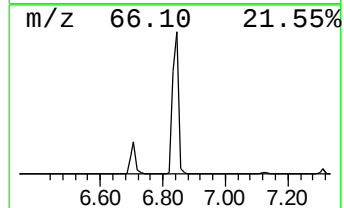
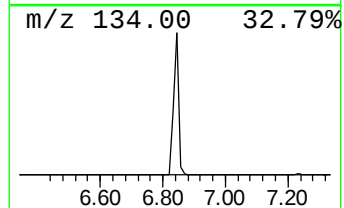
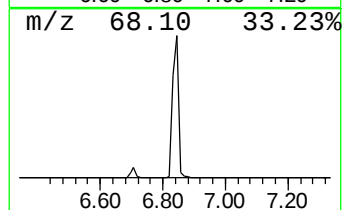
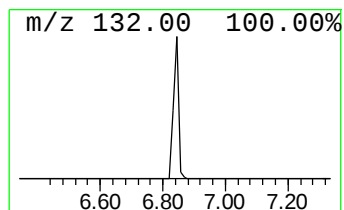
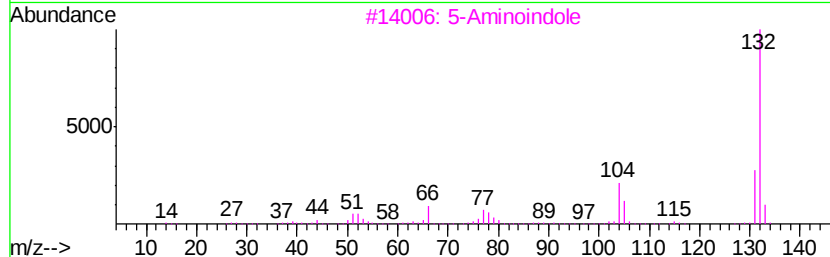
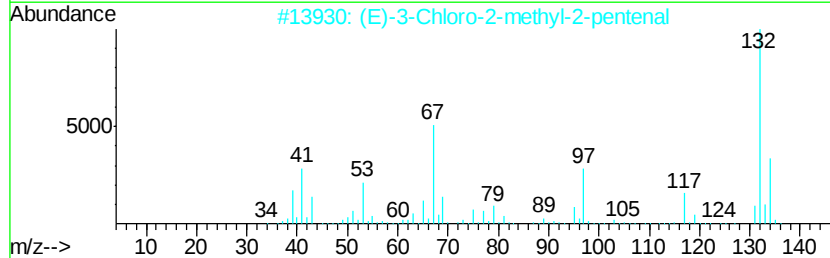
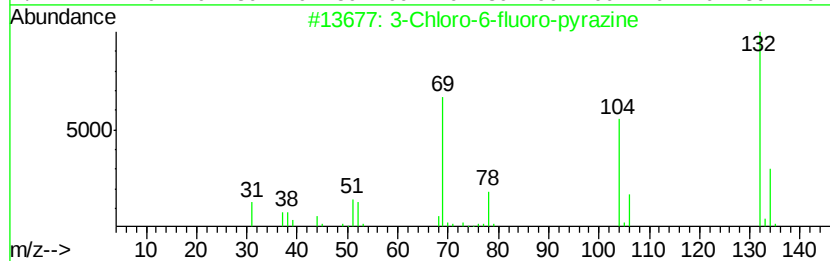
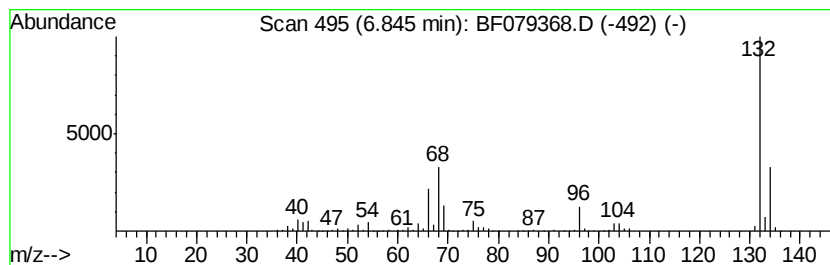
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown6.84 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.84	73.88 ng	1004250	1,4-Dichlorobenzene-d4	7.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
Data File : BF079368.D
Acq On : 20 May 2015 5:55
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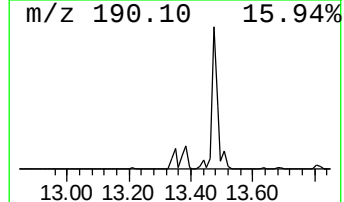
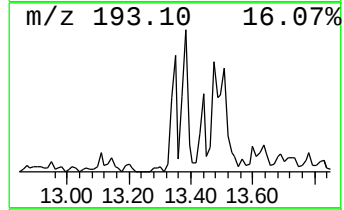
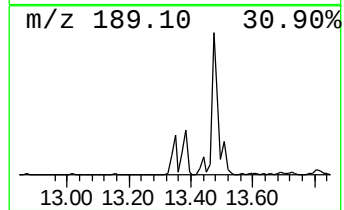
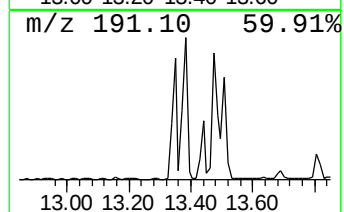
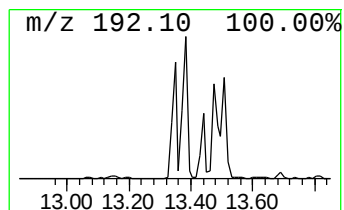
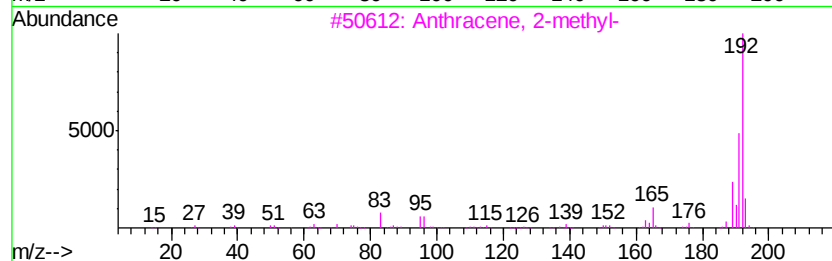
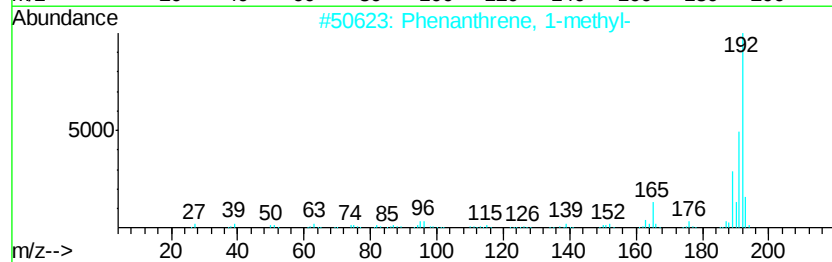
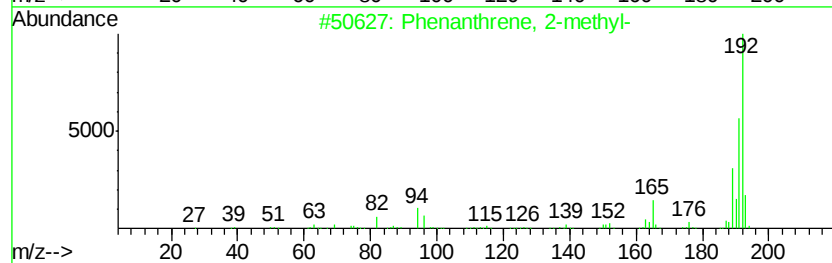
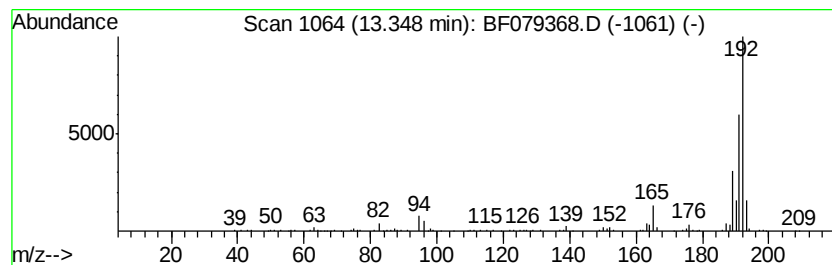
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	10.78 ng	301733	Phenanthrene-d10	12.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051915\
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Acq On : 20 May 2015 5:55
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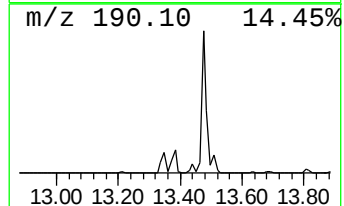
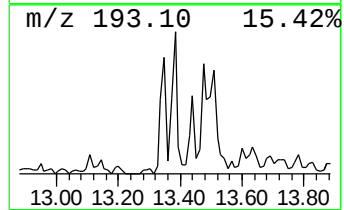
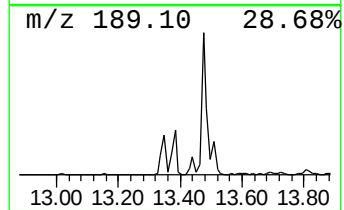
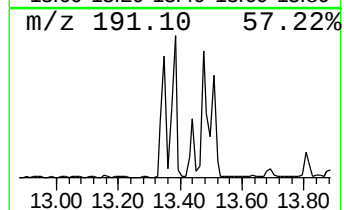
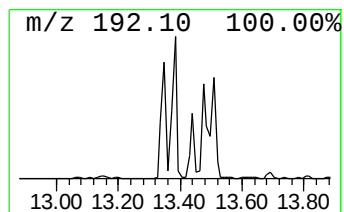
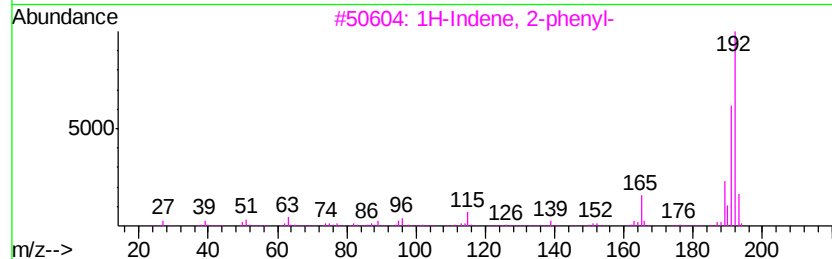
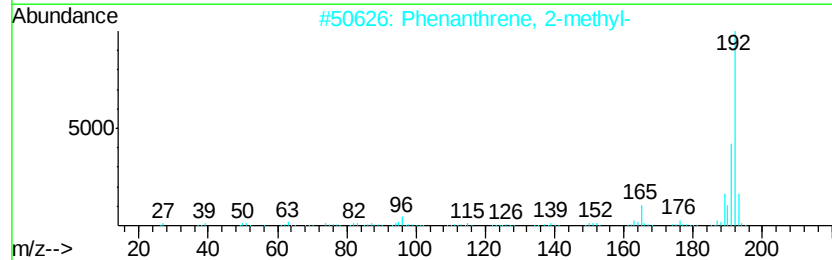
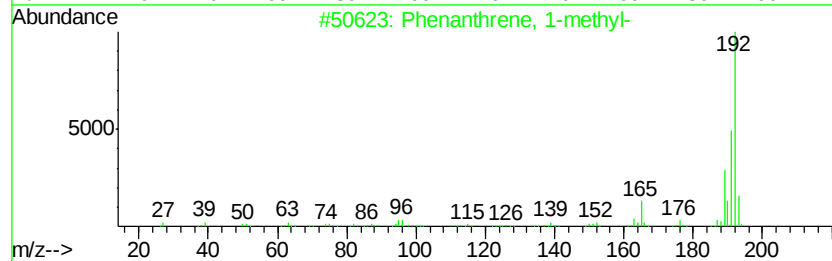
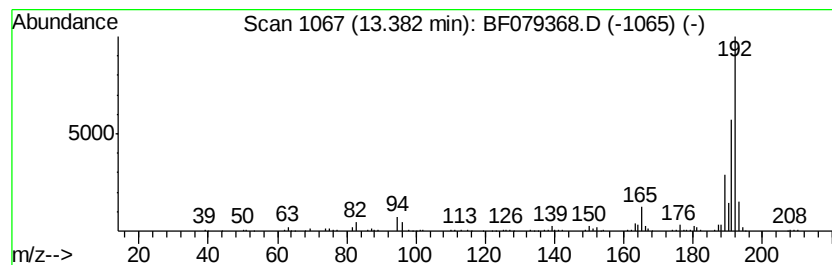
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.38	12.59 ng	352349	Phenanthrene-d10	12.72	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
Data File : BF079368.D
Acq On : 20 May 2015 5:55
Operator : TP/IZ
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ClientSampleId :
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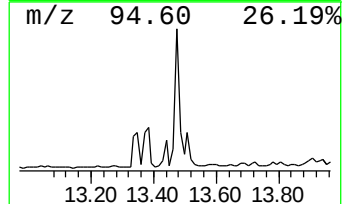
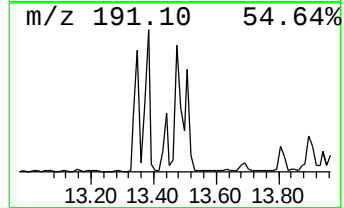
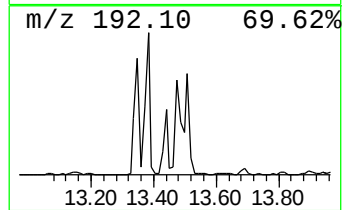
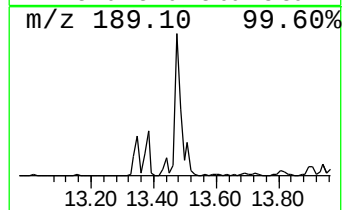
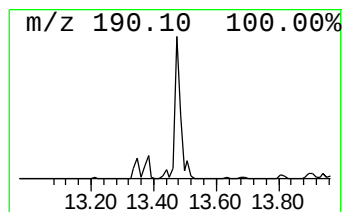
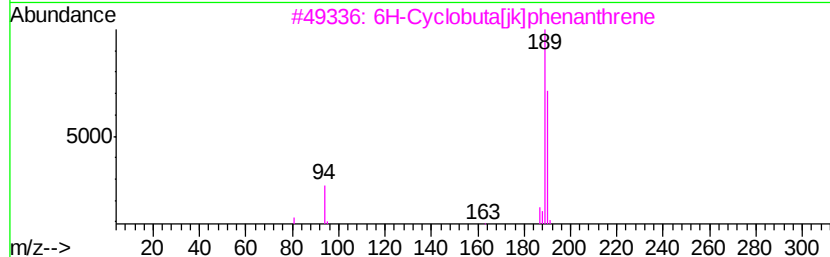
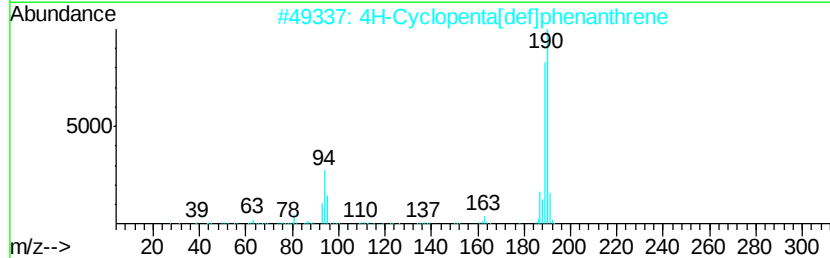
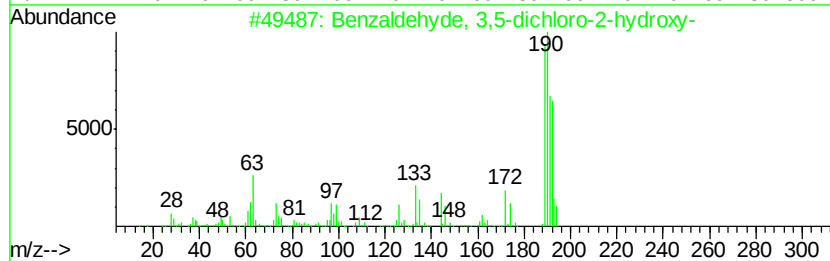
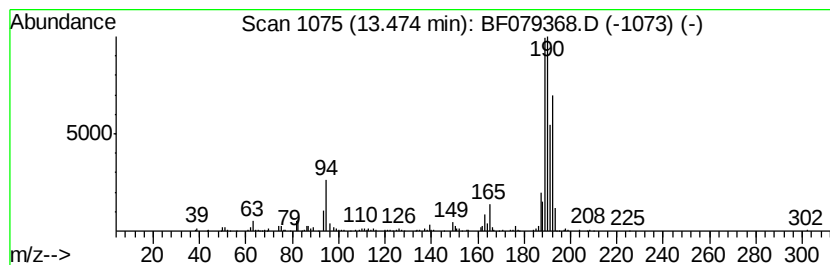
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzaldehyde, 3,5-dichloro-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	21.12 ng	591171	Phenanthrene-d10	12.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehydve, 3,5-dichloro-2-hvd...	190	C7H4Cl2O2	000090-60-8	72
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3		6H-Cyclobuta[fik]phenanthrene	190	C15H10	083469-43-6	58
4		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051915\
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Acq On : 20 May 2015 5:55
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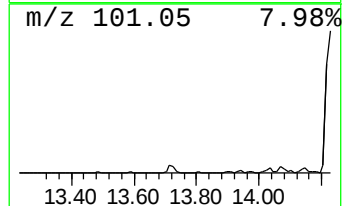
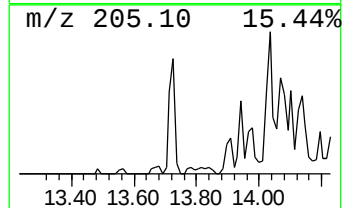
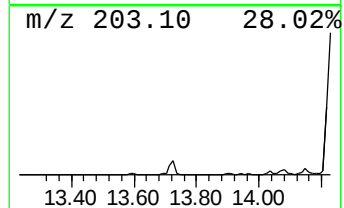
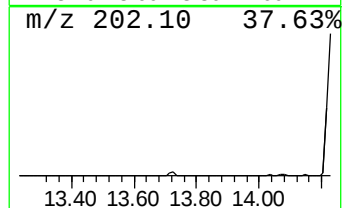
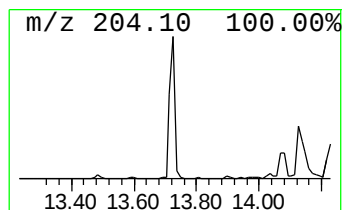
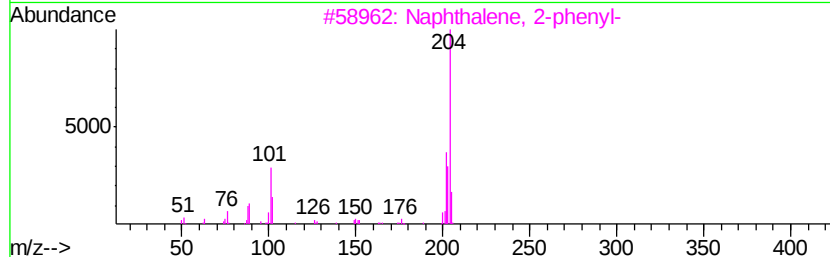
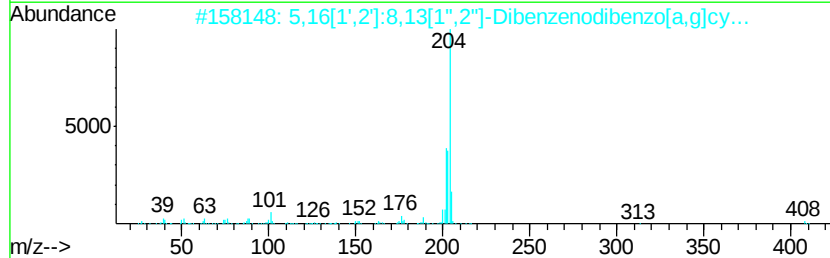
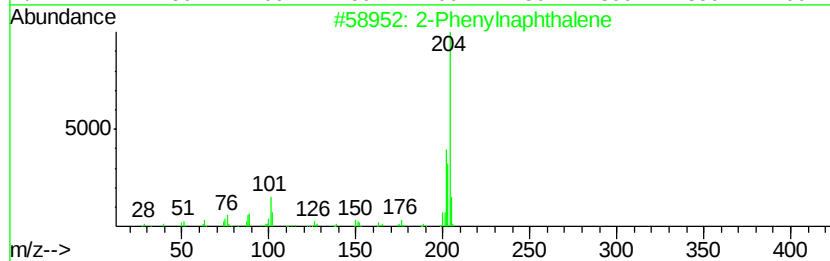
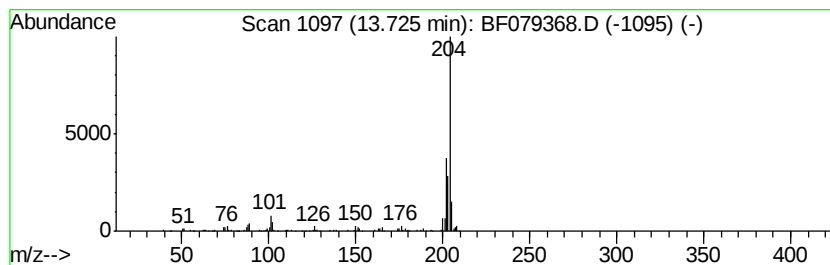
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2-Phenylnaphthalene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	12.87 ng	360155	Phenanthrene-d10	12.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylnaphthalene	204	C16H12	035465-71-5	93
2		5,16[1',2']: ^{8,13} [1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
4		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	62
5		[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	53



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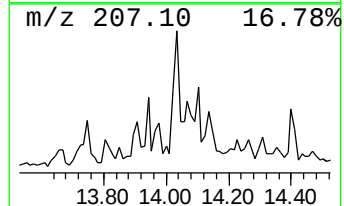
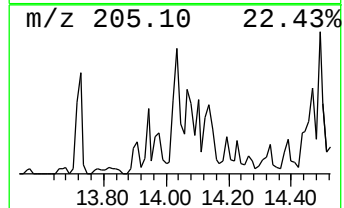
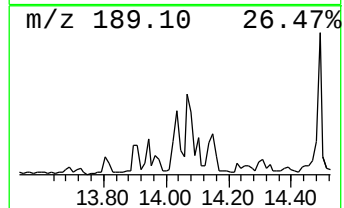
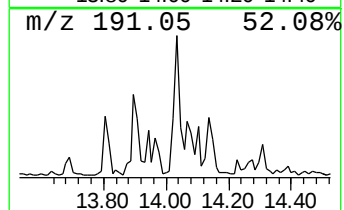
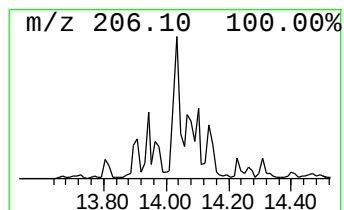
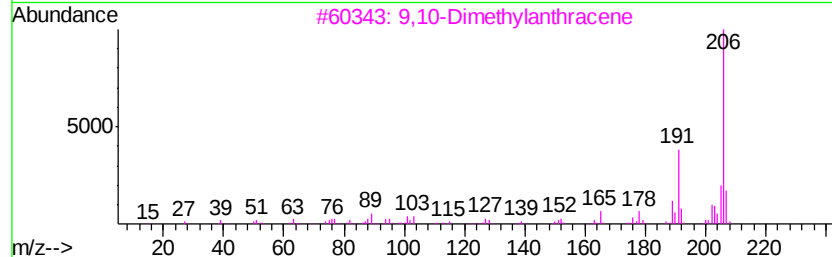
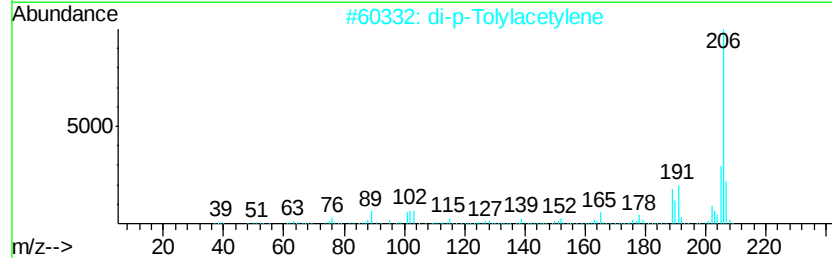
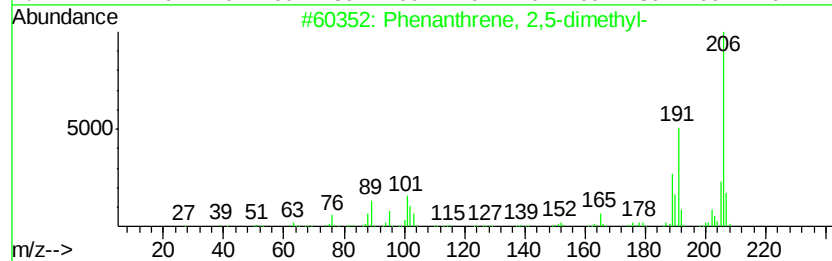
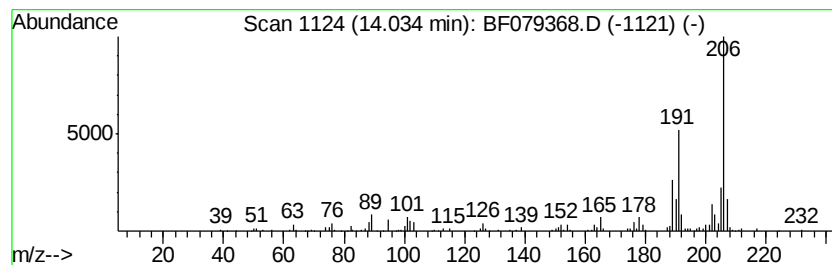
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	9.90 ng	277010	Phenanthrene-d10	12.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	96
3		9,10-Dimethylantracene	206	C16H14	000781-43-1	93
4		1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051915\
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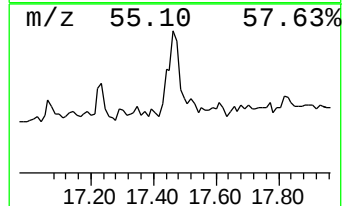
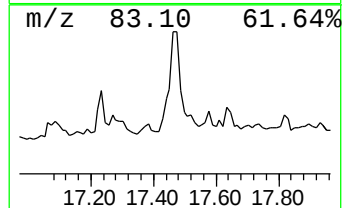
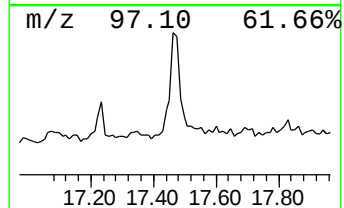
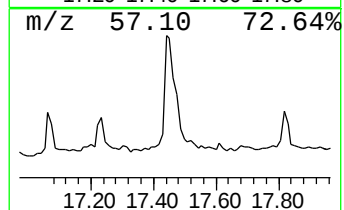
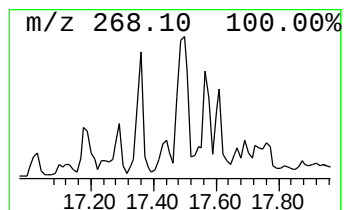
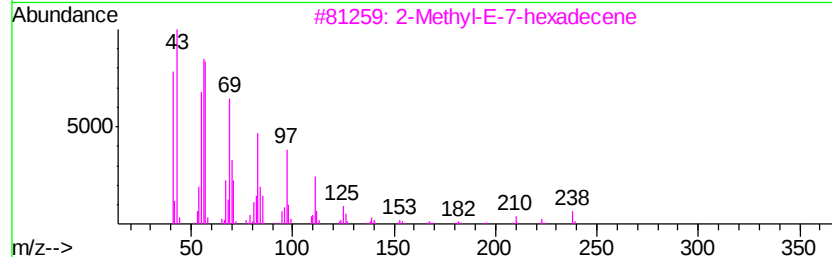
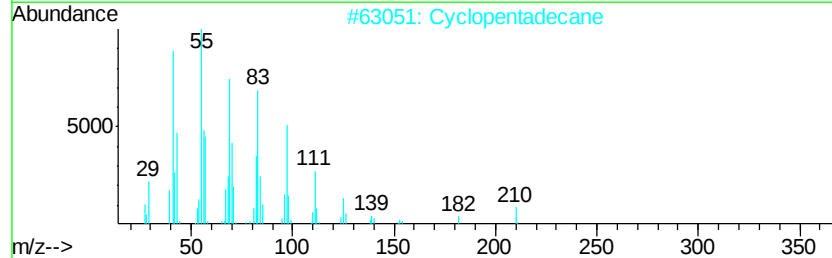
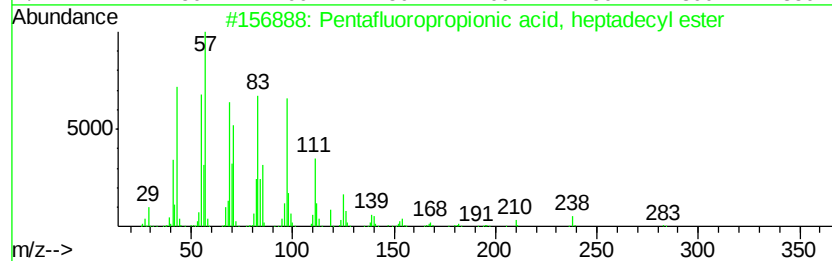
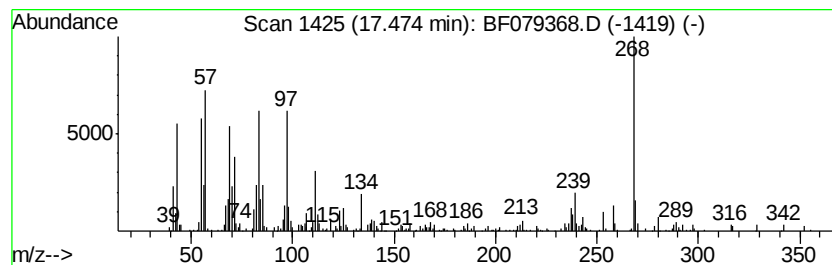
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentafluoropropionic acid, ... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.47	13.46 ng	389173	Perylene-d12	17.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	70
2		Cyclopentadecane	210	C15H30	000295-48-7	62
3		2-Methyl-E-7-hexadecene	238	C17H34	064183-52-4	55
4		1-Docosene	308	C22H44	001599-67-3	55
5		Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051915\
Data File : BF079368.D
Acq On : 20 May 2015 5:55
Operator : TP/IZ
Sample : G2289-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-34S

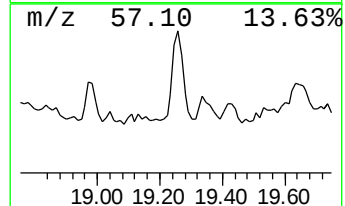
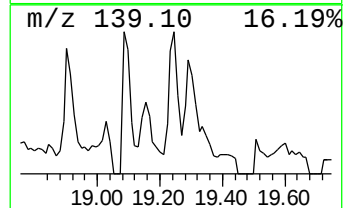
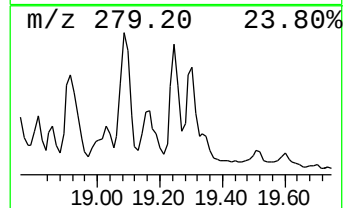
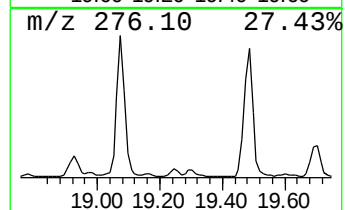
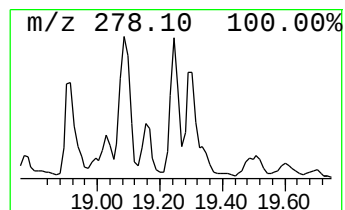
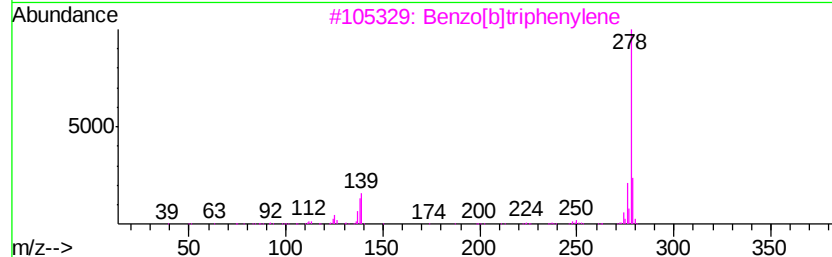
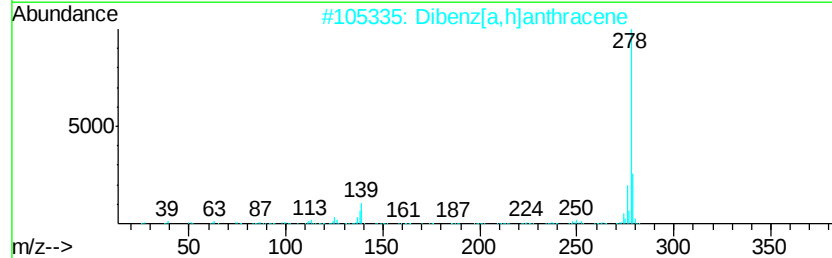
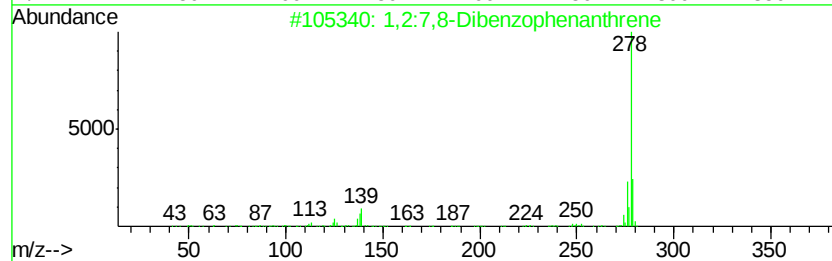
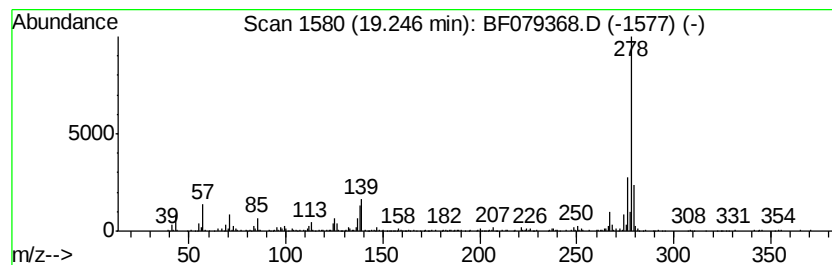
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1,2:7,8-Dibenzophenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	11.91 ng	344524	Perylene-d12	17.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	98
2		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
3		Benzo[b]triphenylene	278	C22H14	000215-58-7	98
4		Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	92
5		Pentacene	278	C22H14	000135-48-8	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051915\
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Acq On : 20 May 2015 5:55
Operator : TP/IZ
Sample : G2289-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-34S

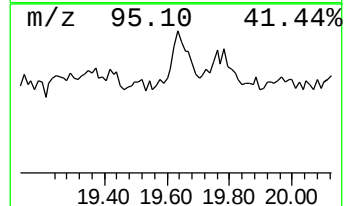
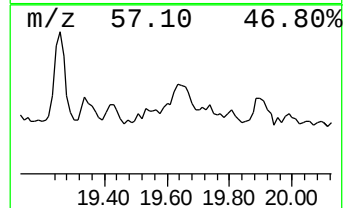
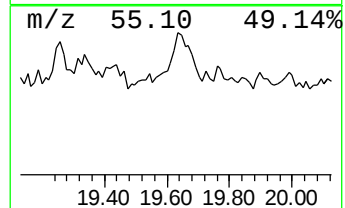
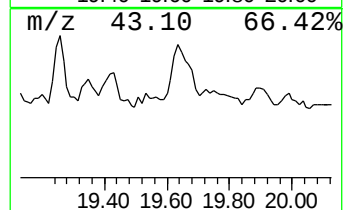
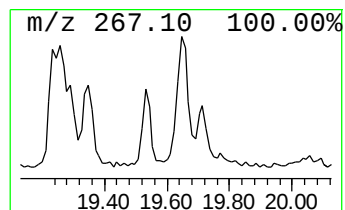
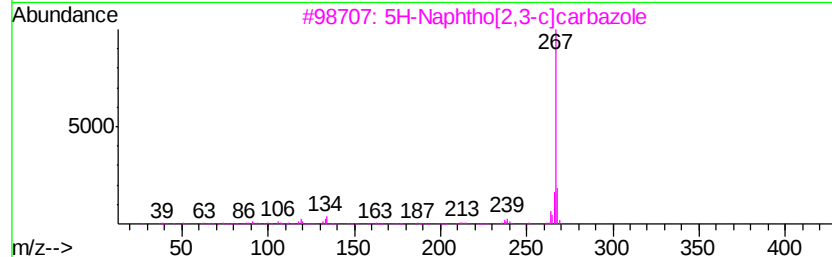
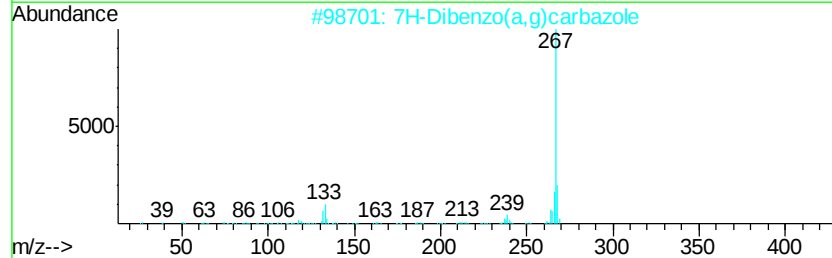
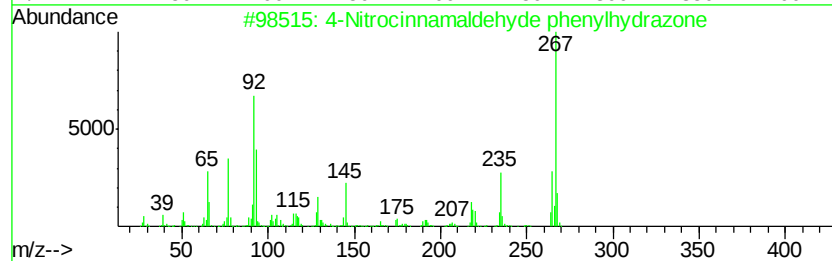
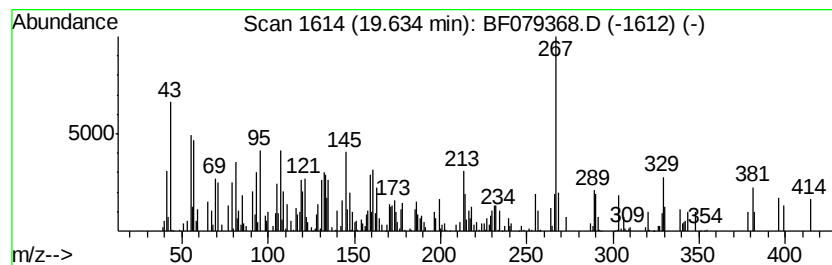
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown19.63 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	9.14 ng	264183	Perylene-d12	17.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Nitrocinnamaldehyde phenylhydr...	267	C15H13N3O2	1000242-41-7	43
2			7H-Dibenzo(a,q)carbazole	267	C20H13N	000207-84-1	38
3			5H-Naphtho[2,3-c]carbazole	267	C20H13N	000198-96-9	38
4			13H-Dibenzo[a,i]carbazole	267	C20H13N	000239-64-5	35
5			Dibenzo(c,g)carbazole	267	C20H13N	028641-62-5	35



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Sample : G2289-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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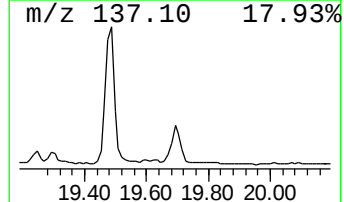
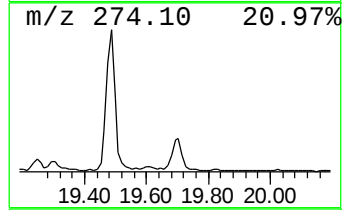
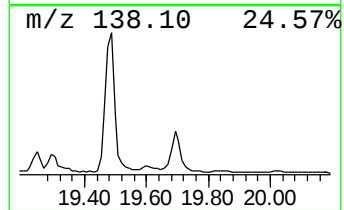
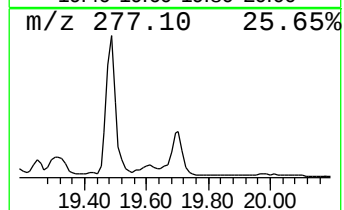
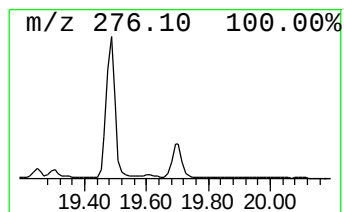
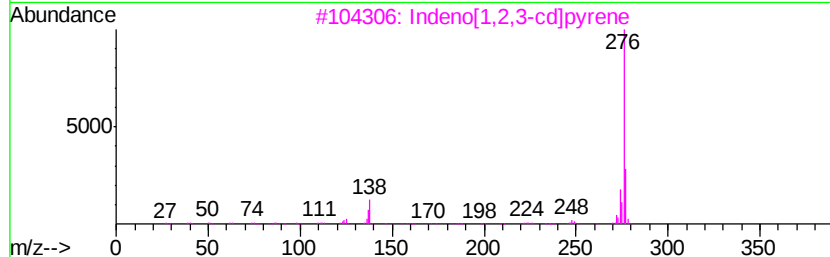
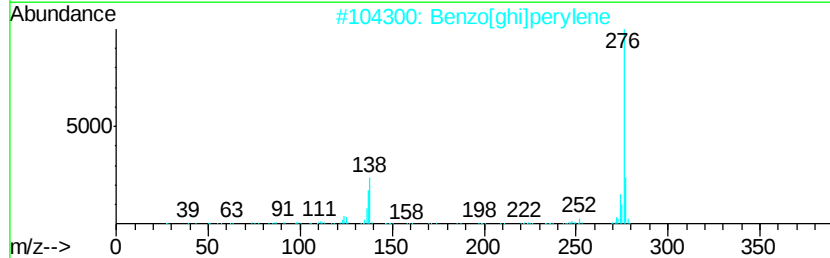
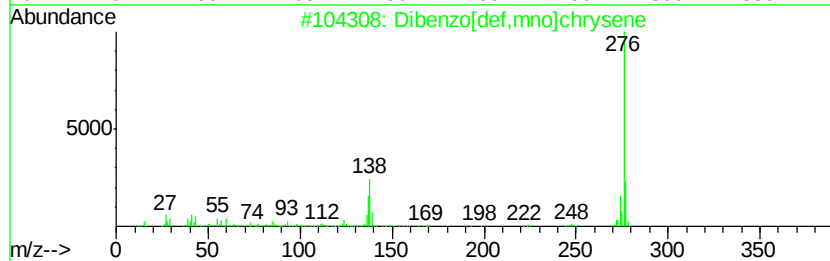
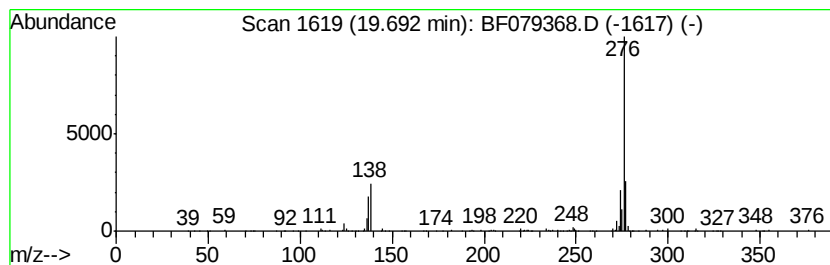
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	13.30 ng	384616	Perylene-d12	17.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2		Benzo[ghi]perylene	276	C22H12	000191-24-2	93
3		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	89
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	50
5		Naphthalen-1-yl-(3-nitro-benzyl)...	276	C17H12N2O2	200421-53-0	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051915\
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 Acq On : 20 May 2015 5:55
 Operator : TP/IZ
 Sample : G2289-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-34S

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown1.27	1.27	242.1	ng	3290730	1	7.13	271873	20.0
Butane, 2-methoxy...	1.55	13.2	ng	179366	1	7.13	271873	20.0
2-Pentanone, 4-hy...	4.88	21.1	ng	287499	1	7.13	271873	20.0
unknown6.84	6.84	73.9	ng	1004250	1	7.13	271873	20.0
Phenanthrene, 2-m...	13.35	10.8	ng	301733	4	12.72	559780	20.0
Phenanthrene, 1-m...	13.38	12.6	ng	352349	4	12.72	559780	20.0
Benzaldehyde, 3,5...	13.47	21.1	ng	591171	4	12.72	559780	20.0
2-Phenylnaphthalene	13.73	12.9	ng	360155	4	12.72	559780	20.0
Phenanthrene, 2,5...	14.03	9.9	ng	277010	4	12.72	559780	20.0
Pentafluoropropio...	17.47	13.5	ng	389173	6	17.70	578339	20.0
1,2:7,8-Dibenzoph...	19.25	11.9	ng	344524	6	17.70	578339	20.0
unknown19.63	19.63	9.1	ng	264183	6	17.70	578339	20.0
Dibenzo[def,mno]c...	19.69	13.3	ng	384616	6	17.70	578339	20.0