

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122515\
 Data File : BF084147.D
 Acq On : 25 Dec 2015 23:59
 Operator : UM/SJ
 Sample : G4954-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3(0-2)5W

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-BF122415.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	4.967	249	252	263	rVB	216618	339758	4.85%	0.435%
2	5.413	289	291	294	rBV	1445233	1449320	20.71%	1.857%
3	6.453	380	382	385	rBV	1319351	1467364	20.96%	1.880%
4	6.579	390	393	395	rVV	1266044	1700274	24.29%	2.179%
5	6.796	410	412	416	rVB	415544	351014	5.02%	0.450%
6	6.956	424	426	427	rBV	1482642	1337757	19.11%	1.714%
7	6.979	427	428	430	rVB	227979	164921	2.36%	0.211%
8	7.367	459	462	464	rVB	1097983	1097381	15.68%	1.406%
9	8.110	522	527	529	rBV2	2759466	3123449	44.63%	4.002%
10	8.156	529	531	533	rVB	215874	174674	2.50%	0.224%
11	8.796	585	587	590	rVV	1005210	853676	12.20%	1.094%
12	8.899	593	596	598	rVB	493885	535824	7.66%	0.687%
13	9.162	616	619	621	rVB	1825774	1672512	23.90%	2.143%
14	9.253	625	627	630	rVV	232482	298021	4.26%	0.382%
15	9.356	633	636	639	rVB	143691	168701	2.41%	0.216%
16	9.425	639	642	644	rBV	254848	348890	4.98%	0.447%
17	9.493	646	648	650	rVV	371425	473618	6.77%	0.607%
18	9.528	650	651	652	rVV	180311	138258	1.98%	0.177%
19	9.550	652	653	655	rVV	197217	272625	3.90%	0.349%
20	9.608	655	658	661	rVV	153481	247492	3.54%	0.317%
21	9.699	663	666	668	rBV2	130979	145096	2.07%	0.186%
22	9.836	674	678	679	rBV2	485178	590042	8.43%	0.756%
23	9.870	679	681	683	rVV	1724350	1509795	21.57%	1.935%
24	9.996	689	692	694	rVV2	113456	165556	2.37%	0.212%
25	10.042	694	696	698	rVV	1401546	1234260	17.63%	1.581%
26	10.076	698	699	703	rVB	127250	137447	1.96%	0.176%
27	10.156	703	706	707	rBV	107673	130520	1.86%	0.167%
28	10.248	711	714	718	rBV2	90899	212373	3.03%	0.272%
29	10.385	724	726	729	rBV	1747896	1590085	22.72%	2.037%
30	10.431	729	730	731	rBV	115736	152104	2.17%	0.195%
31	10.465	731	733	735	rVV2	284439	397215	5.68%	0.509%
32	10.511	735	737	738	rVV2	107718	167805	2.40%	0.215%
33	10.545	738	740	742	rVB	262419	327058	4.67%	0.419%
34	10.625	744	747	749	rBV	1283617	1351225	19.31%	1.731%

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35	10.671	749	751	753	rVB2	91872	116419	1.66%	0.149%
36	10.751	755	758	761	rVB3	143680	203448	2.91%	0.261%
37	10.808	761	763	765	rBV2	135141	174370	2.49%	0.223%
38	10.933	770	774	775	rBV	277797	410717	5.87%	0.526%
39	10.956	775	776	779	rVV	117674	133855	1.91%	0.172%
40	11.013	779	781	782	rVB	146065	142454	2.04%	0.183%
41	11.082	782	787	790	rBV2	148305	400746	5.73%	0.513%
42	11.173	793	795	797	rBV	196985	280125	4.00%	0.359%
43	11.219	797	799	802	rVB	539873	611895	8.74%	0.784%
44	11.368	806	812	813	rBV	3851446	6999263	100.00%	8.968%
45	11.402	813	815	817	rVV	1586029	1816819	25.96%	2.328%
46	11.436	817	818	819	rVB	171227	118373	1.69%	0.152%
47	11.551	825	828	832	rBV	594395	819599	11.71%	1.050%
48	11.619	832	834	835	rVV	135424	177350	2.53%	0.227%
49	11.653	835	837	840	rVV3	106902	135670	1.94%	0.174%
50	11.825	849	852	853	rBV	702146	679903	9.71%	0.871%
51	11.848	853	854	857	rVB	625020	787848	11.26%	1.009%
52	11.905	857	859	860	rBV	362728	378339	5.41%	0.485%
53	11.939	860	862	866	rVB2	1228071	1633935	23.34%	2.094%
54	12.008	866	868	869	rBV	70079	118805	1.70%	0.152%
55	12.111	875	877	879	rVV	347406	460638	6.58%	0.590%
56	12.259	888	890	892	rBV2	156722	211919	3.03%	0.272%
57	12.305	892	894	895	rBV	92802	136428	1.95%	0.175%
58	12.374	898	900	902	rBV	333473	411002	5.87%	0.527%
59	12.408	902	903	906	rVV2	149815	267426	3.82%	0.343%
60	12.476	906	909	912	rVB2	130003	202495	2.89%	0.259%
61	12.556	912	916	917	rBV	3643523	5597231	79.97%	7.172%
62	12.602	917	920	923	rVB2	131879	214320	3.06%	0.275%
63	12.682	925	927	929	rBV	283995	331143	4.73%	0.424%
64	12.785	932	936	938	rBV	2735001	5506524	78.67%	7.056%
65	12.819	938	939	941	rVB	249143	219592	3.14%	0.281%
66	12.899	942	946	951	rBV3	898461	1674440	23.92%	2.146%
67	12.991	951	954	957	rBV3	288900	699255	9.99%	0.896%
68	13.094	959	963	965	rVB	856308	1165943	16.66%	1.494%
69	13.162	965	969	970	rBV	980899	989190	14.13%	1.267%
70	13.197	970	972	976	rVV2	435676	756932	10.81%	0.970%
71	13.288	979	980	982	rVV	197680	215604	3.08%	0.276%

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72	13.322	982	983	987	rVB2	220048	250023	3.57%	0.320%
73	13.517	995	1000	1003	rBV2	212930	526586	7.52%	0.675%
74	13.574	1003	1005	1007	rBV2	144368	229771	3.28%	0.294%
75	13.608	1007	1008	1012	rVB3	130485	160324	2.29%	0.205%
76	13.734	1015	1019	1021	rBV2	410426	869862	12.43%	1.115%
77	13.768	1021	1022	1029	rVB3	301249	732858	10.47%	0.939%
78	13.882	1030	1032	1034	rBV	103588	119410	1.71%	0.153%
79	13.962	1035	1039	1041	rBV2	1929680	3430905	49.02%	4.396%
80	13.997	1041	1042	1046	rVB	1673494	1483067	21.19%	1.900%
81	14.077	1046	1049	1050	rBV	391003	488349	6.98%	0.626%
82	14.157	1055	1056	1057	rVV	199787	165038	2.36%	0.211%
83	14.191	1057	1059	1061	rVB2	222219	283041	4.04%	0.363%
84	14.317	1068	1070	1071	rBV	157046	146311	2.09%	0.187%
85	14.351	1071	1073	1075	rVV	350514	395455	5.65%	0.507%
86	14.385	1075	1076	1078	rVB	148446	108616	1.55%	0.139%
87	14.454	1078	1082	1083	rBV3	175869	338415	4.84%	0.434%
88	14.842	1114	1116	1118	rBV	120762	181148	2.59%	0.232%
89	14.991	1126	1129	1134	rBV	1145348	2640639	37.73%	3.384%
90	15.094	1136	1138	1140	rBV	282538	327183	4.67%	0.419%
91	15.277	1151	1154	1157	rVB	666787	894653	12.78%	1.146%
92	15.345	1157	1160	1162	rVV	946655	1453851	20.77%	1.863%
93	15.391	1162	1164	1165	rVV	209964	245046	3.50%	0.314%
94	15.425	1165	1167	1171	rVB	334169	485828	6.94%	0.623%
95	16.797	1284	1287	1291	rVB	450361	874751	12.50%	1.121%
96	16.957	1298	1301	1303	rBV	119976	245974	3.51%	0.315%
97	17.014	1304	1306	1311	rVB2	70622	166702	2.38%	0.214%
98	17.220	1321	1324	1330	rVB	317355	678563	9.69%	0.869%
99	17.460	1342	1345	1351	rVB	119402	277869	3.97%	0.356%
100	19.380	1509	1513	1524	rVB	75327	317744	4.54%	0.407%

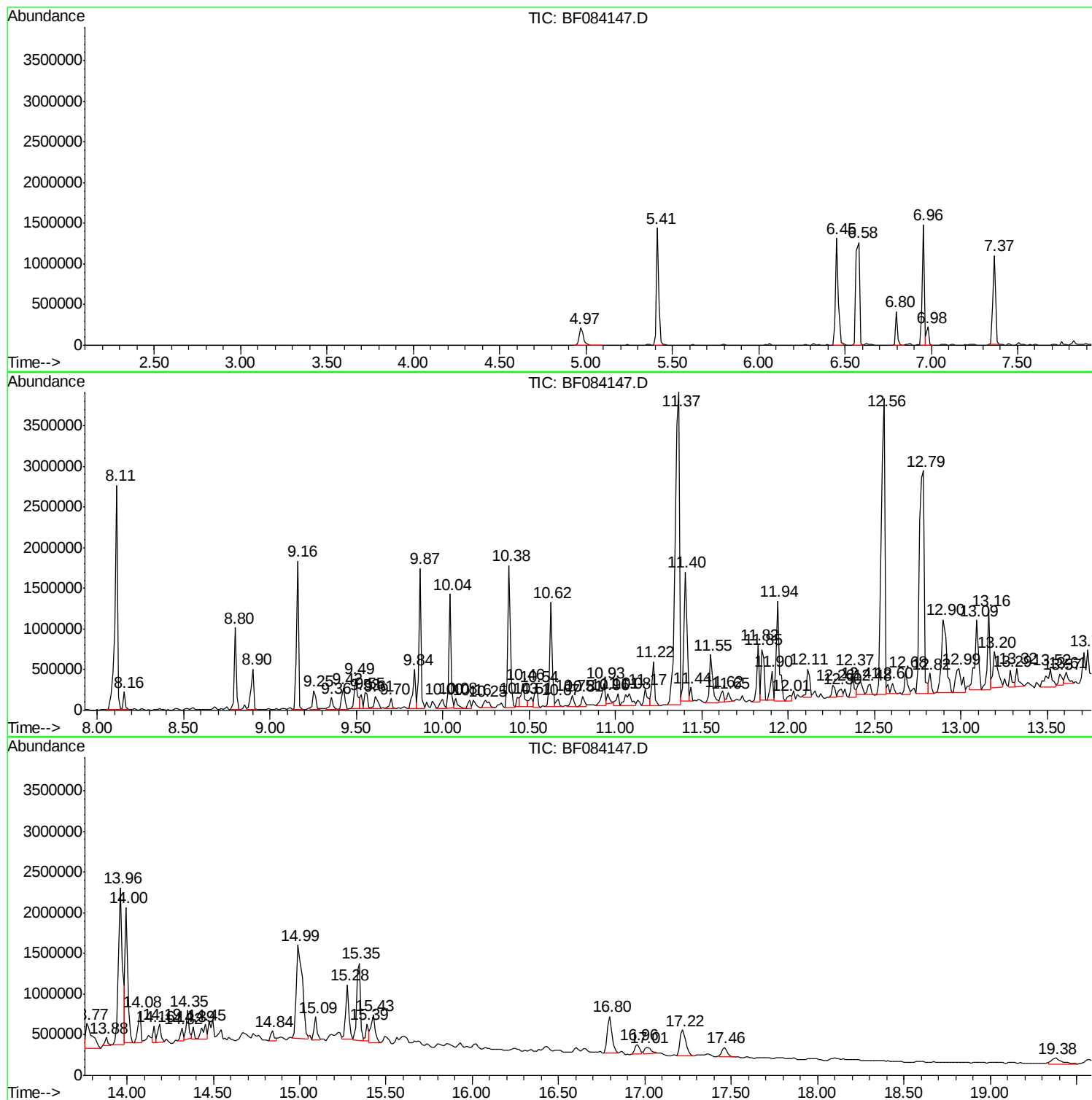
Sum of corrected areas: 78044107

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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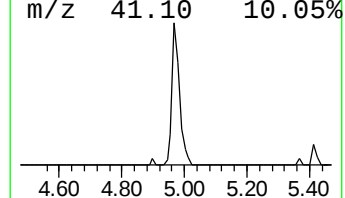
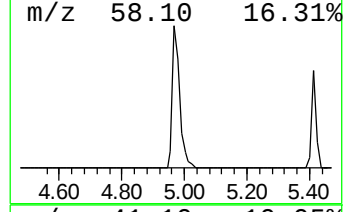
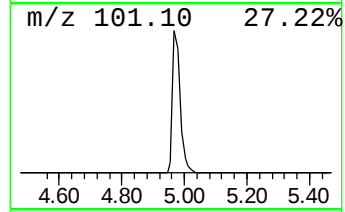
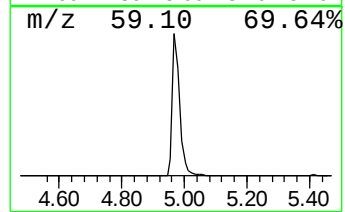
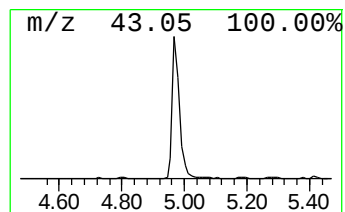
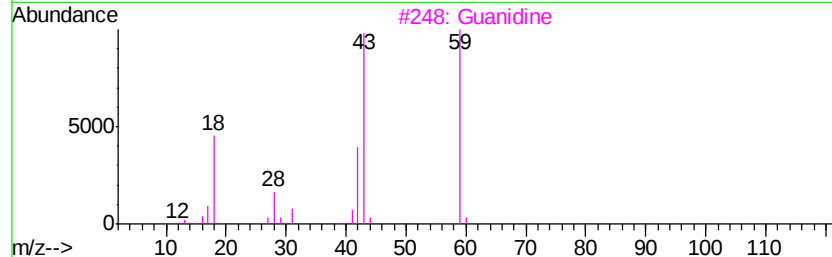
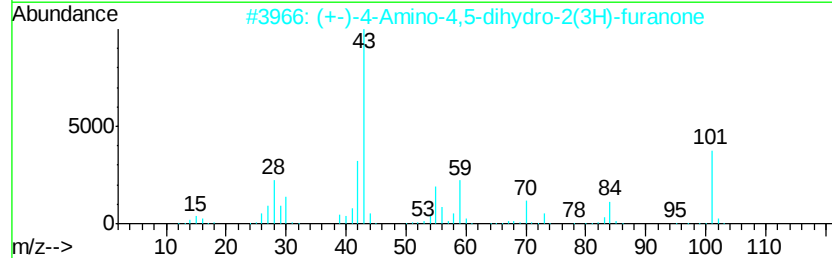
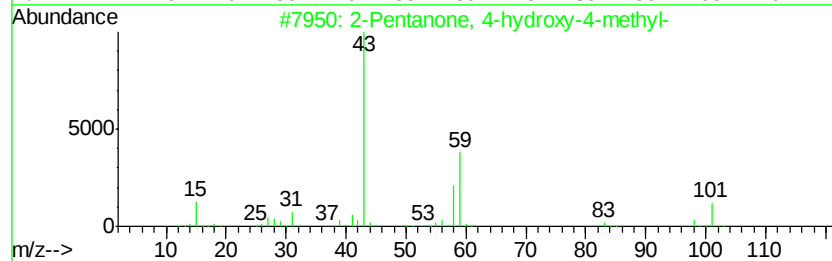
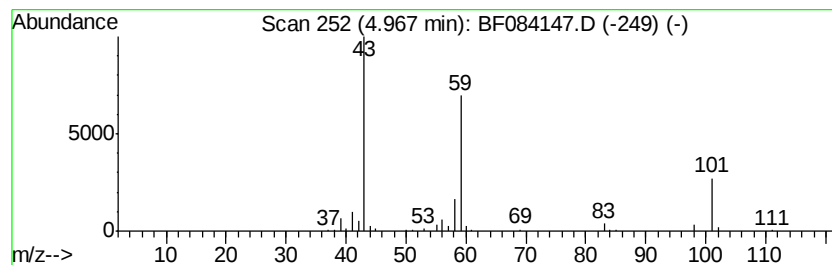
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	19.36 ng	339758	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		(+)-4-Amino-4,5-dihydro-2(3H)-furanone	101	C4H7NO2	016504-58-8	47
3		Guanidine	59	CH5N3	000113-00-8	43
4		Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	25
5		4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23



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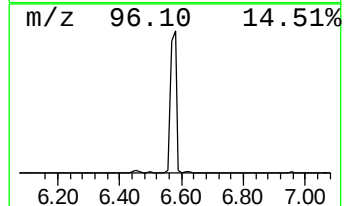
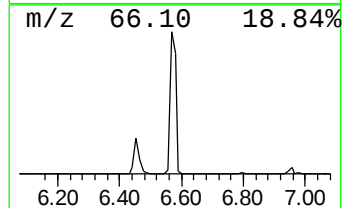
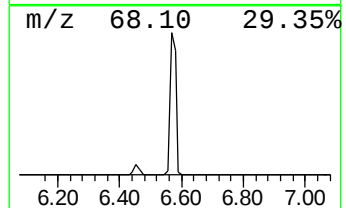
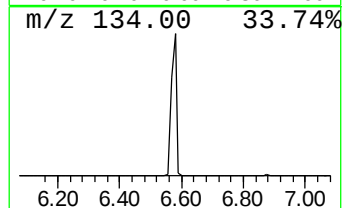
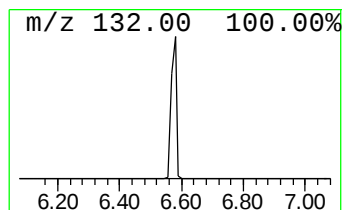
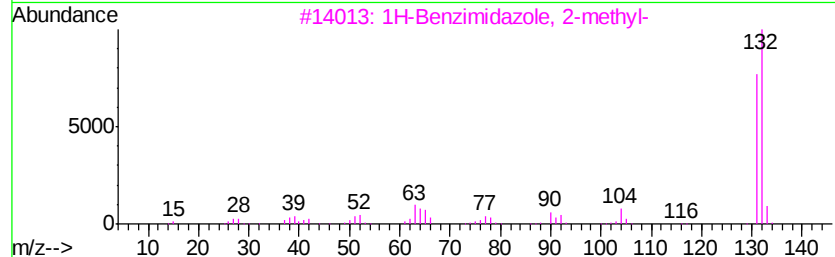
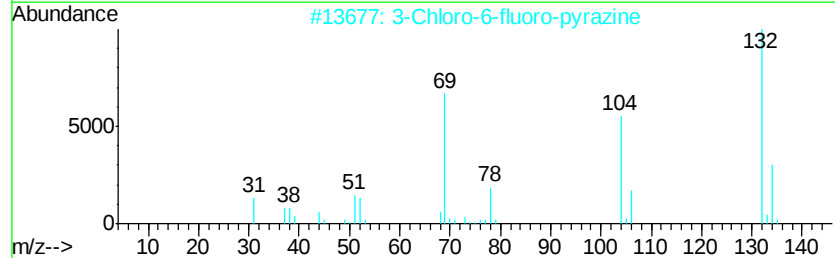
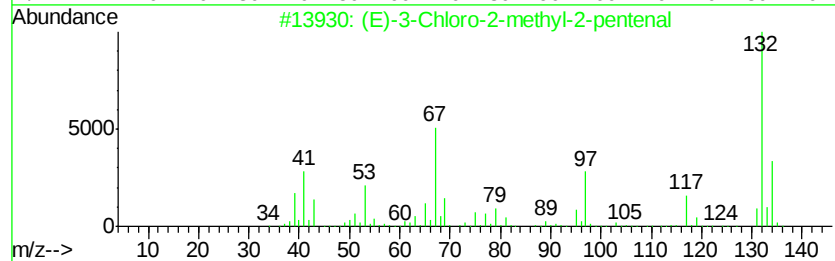
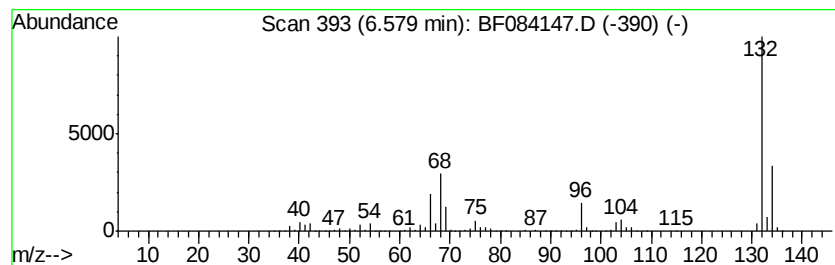
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	96.88 ng	1700270	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	40
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	40
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	25
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		Xenon	132	Xe	007440-63-3	9



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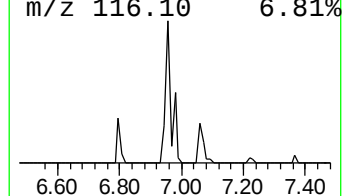
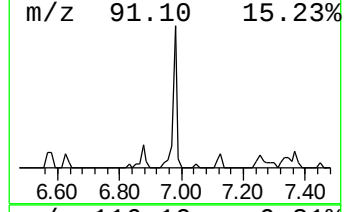
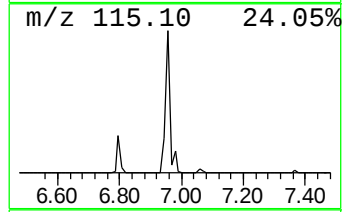
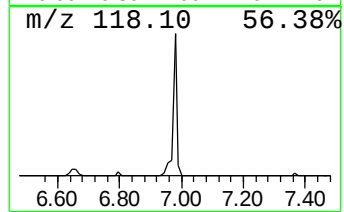
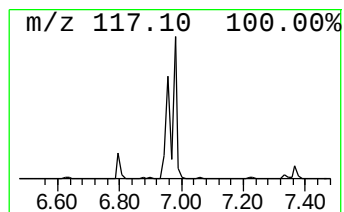
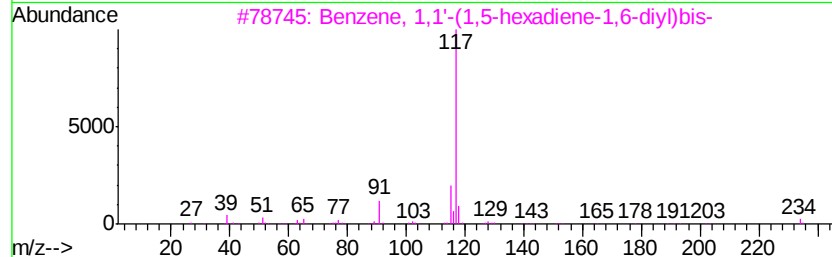
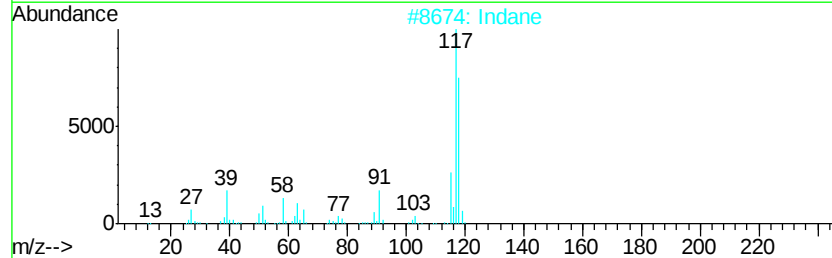
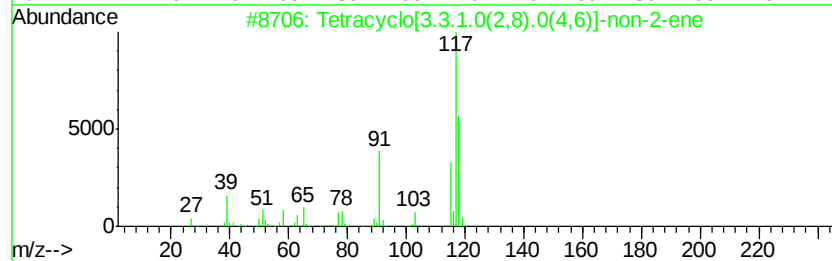
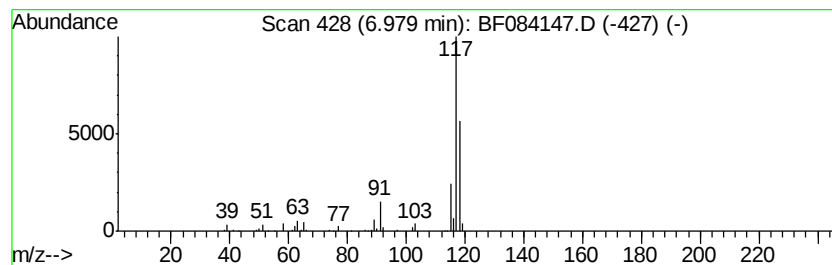
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tetracyclo[3.3.1.0(2,8).0(4... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	9.40 ng	164921	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	80
2		Indane	118	C9H10	000496-11-7	64
3		Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
4		Benzene, 1-propenyl-	118	C9H10	000637-50-3	52
5		Benzene, cyclopropyl-	118	C9H10	000873-49-4	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122515\
Data File : BF084147.D
Acq On : 25 Dec 2015 23:59
Operator : UM/SJ
Sample : G4954-01
Misc :
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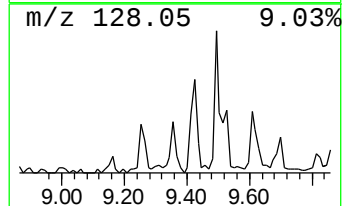
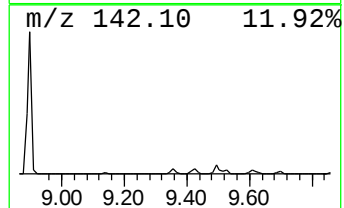
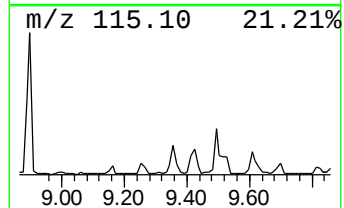
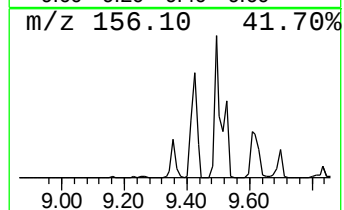
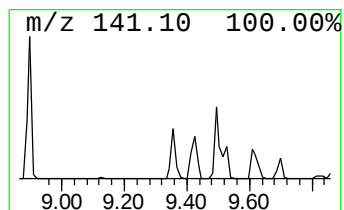
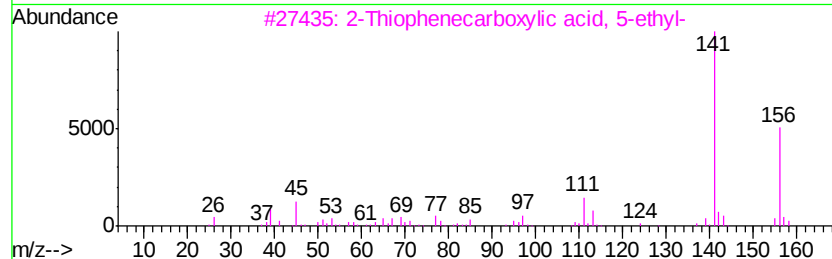
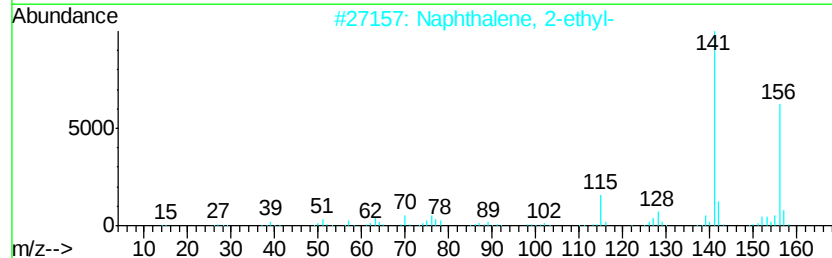
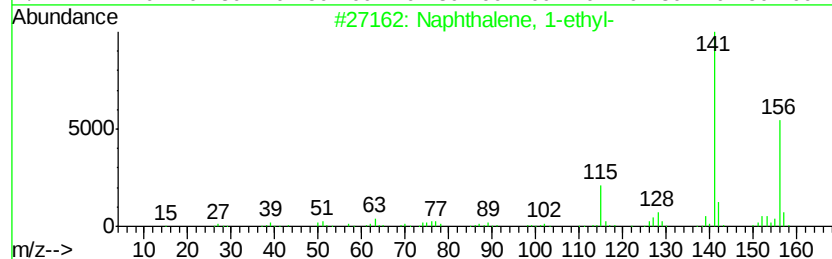
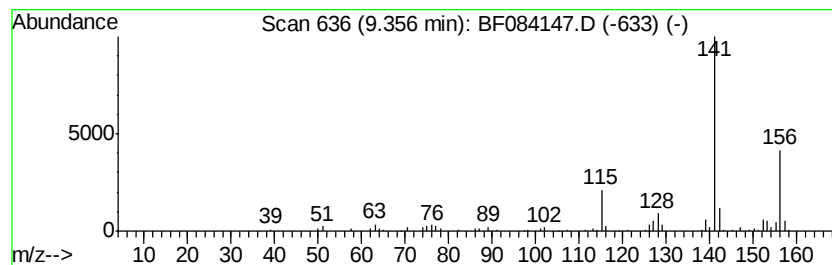
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ClientSampleId :
SP-3(0-2)5W

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	5.72 ng	168701	Acenaphthene-d10	9.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 96
2		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 95
3		2-Thiophenecarboxylic acid, 5-ethyl-	156 C7H8O2S	023229-72-3 64
4		Methyl phenylphosphinic acid	156 C7H9O2P	004271-13-0 42
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122515\
Data File : BF084147.D
Acq On : 25 Dec 2015 23:59
Operator : UM/SJ
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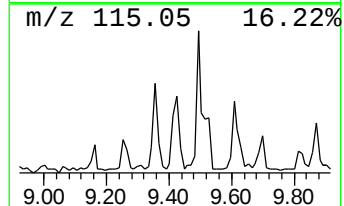
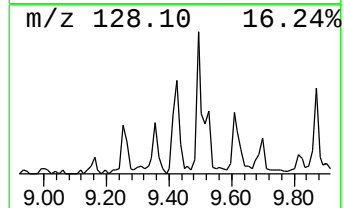
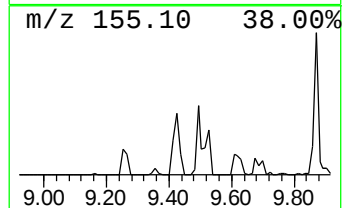
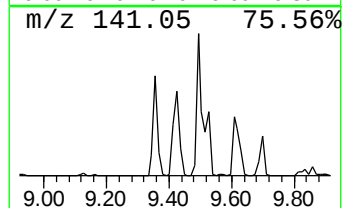
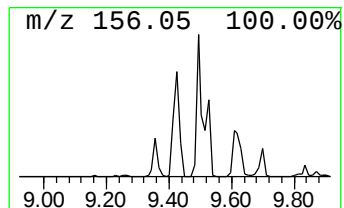
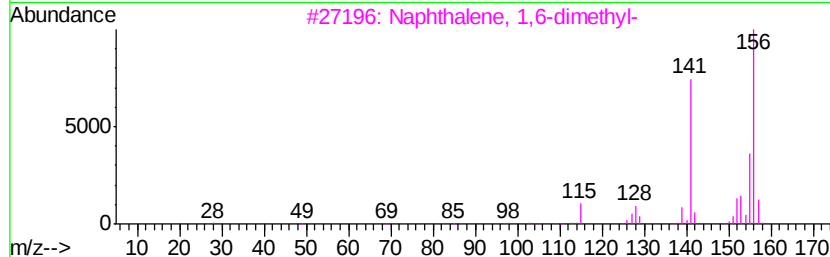
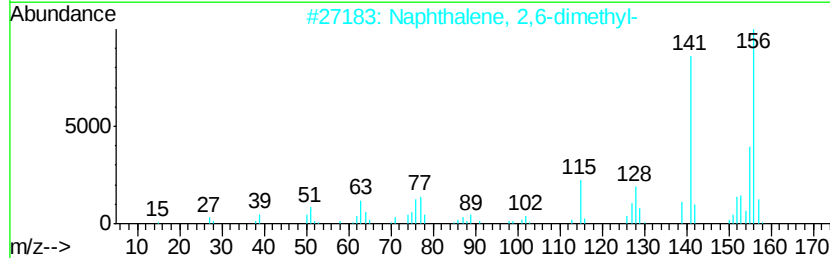
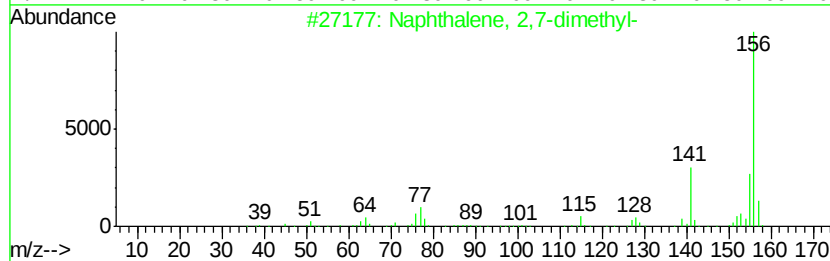
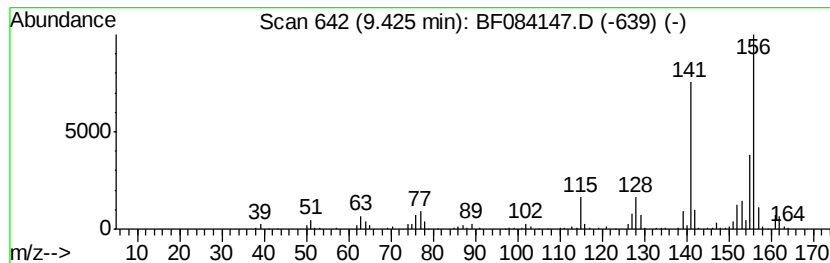
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ClientSampleId :
SP-3(0-2)5W

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.42	11.83 ng	348890	Acenaphthene-d10	9.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122515\
Data File : BF084147.D
Acq On : 25 Dec 2015 23:59
Operator : UM/SJ
Sample : G4954-01
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SP-3(0-2)5W

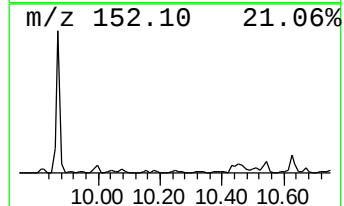
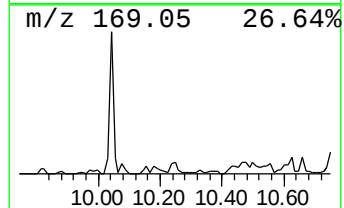
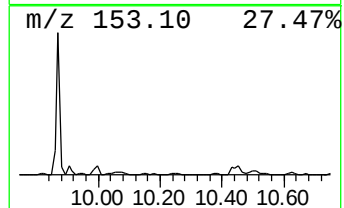
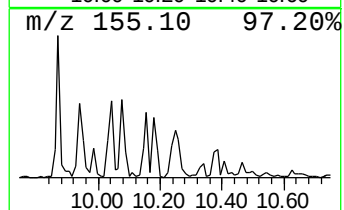
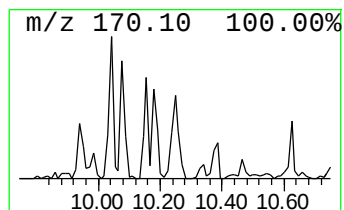
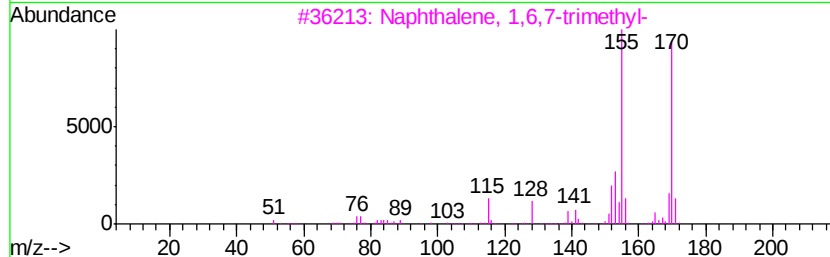
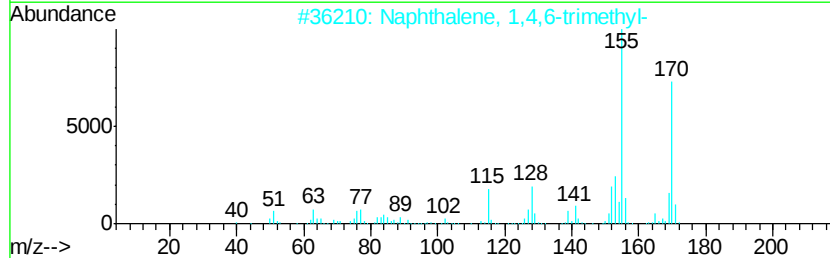
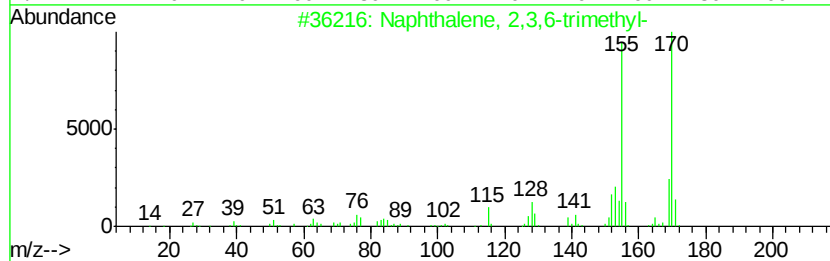
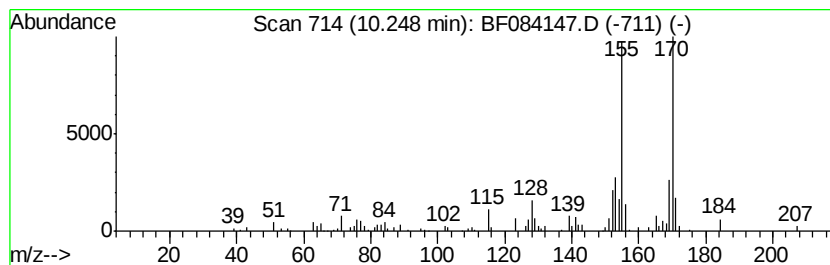
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	7.20 ng	212373	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
5		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122515\
Data File : BF084147.D
Acq On : 25 Dec 2015 23:59
Operator : UM/SJ
Sample : G4954-01
Misc :
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Instrument :
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ClientSampleId :
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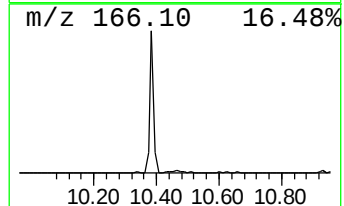
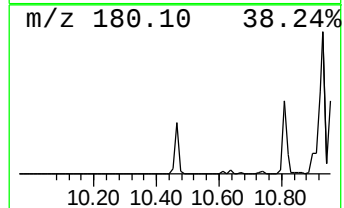
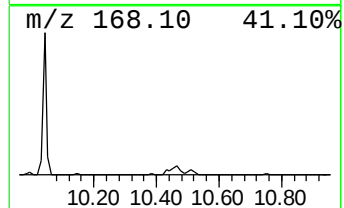
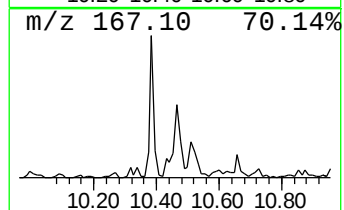
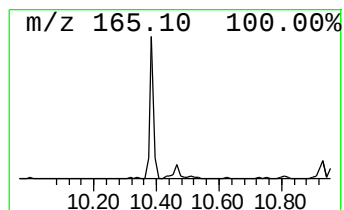
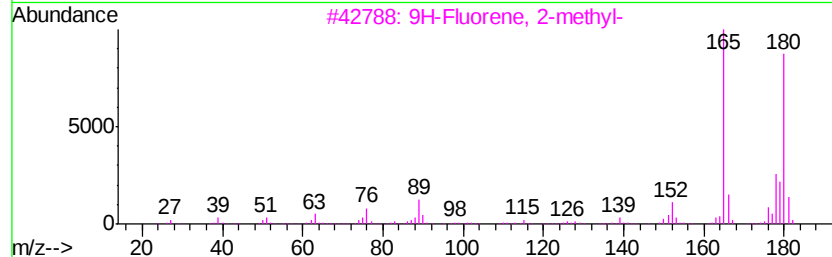
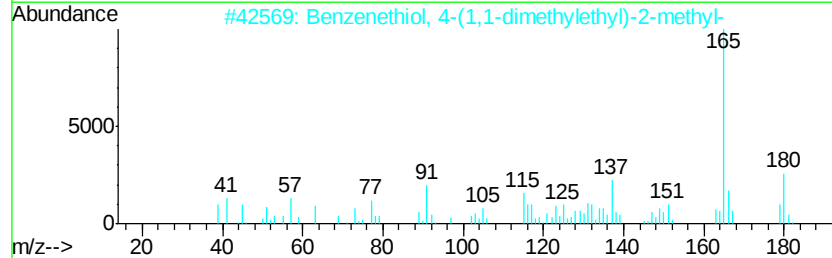
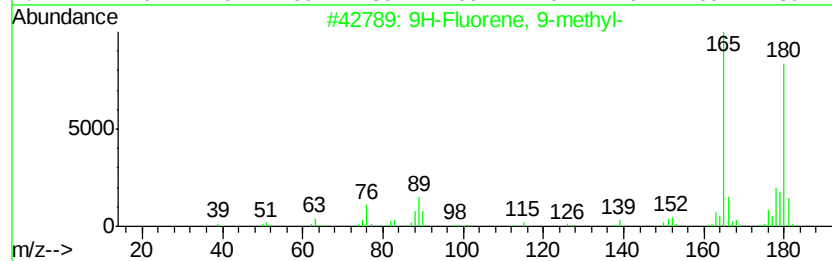
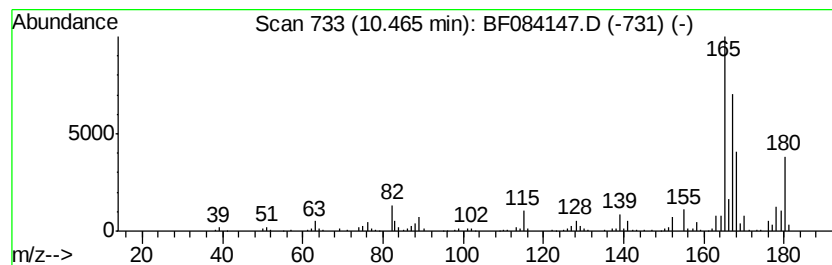
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9H-Fluorene, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	13.46 ng	397215	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	55
2		Benzenethiol, 4-(1,1-dimethyleth...	180	C11H16S	015570-10-2	43
3		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	43
4		Benzenamine, N-ethyl-N-methyl-4-...	180	C9H12N2O2	056269-48-8	43
5		9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122515\
Data File : BF084147.D
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Instrument :
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ClientSampleId :
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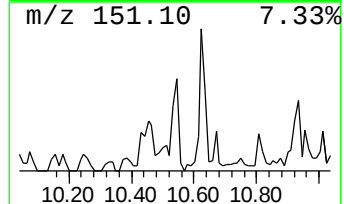
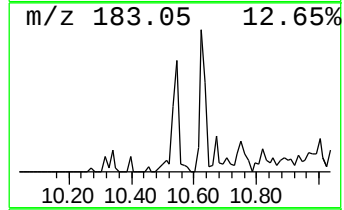
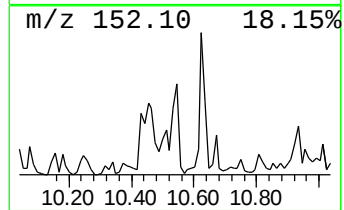
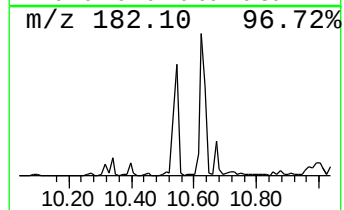
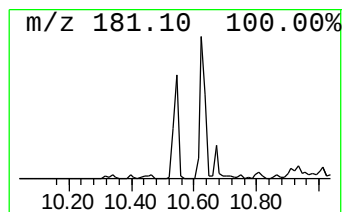
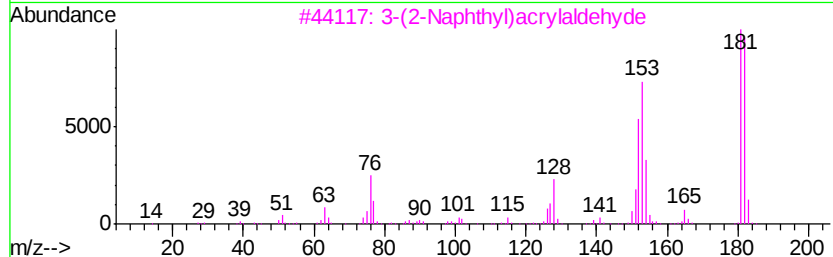
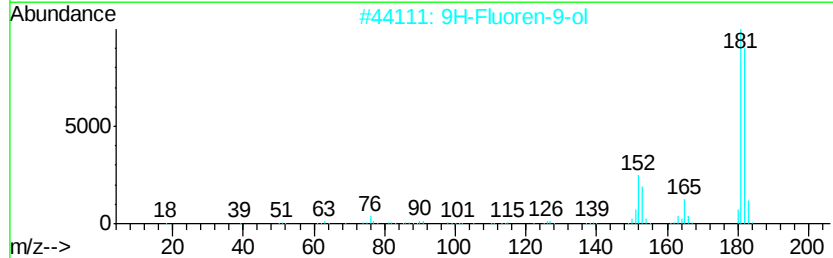
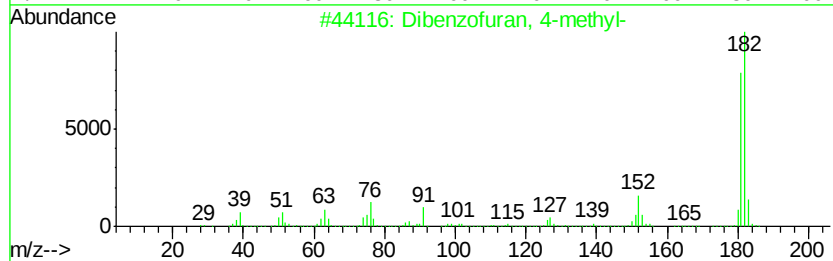
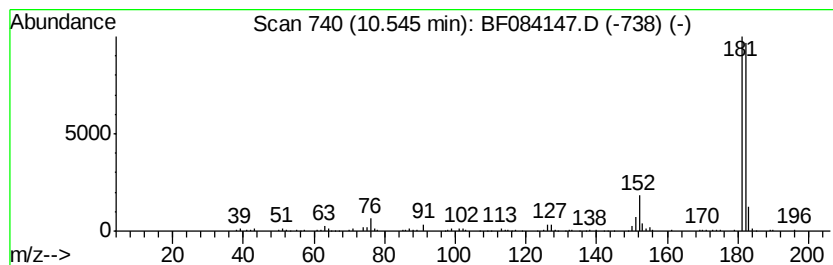
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dibenzofuran, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	11.09 ng	327058	Acenaphthene-d10	9.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
2			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3			3-(2-Naphthyl)acrylaldehyd	182	C13H10O	020884-05-3	78
4			[1,1'-Biphenyl]-4-carboxaldehyd	182	C13H10O	003218-36-8	78
5			Pyrido[2,3-d]indole, 6-methyl-	182	C12H10N2	108349-67-3	78



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122515\
Data File : BF084147.D
Acq On : 25 Dec 2015 23:59
Operator : UM/SJ
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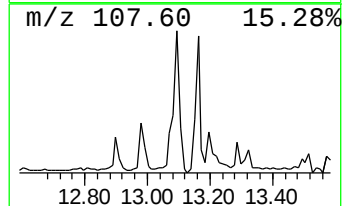
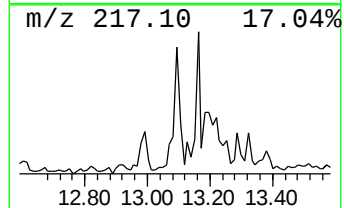
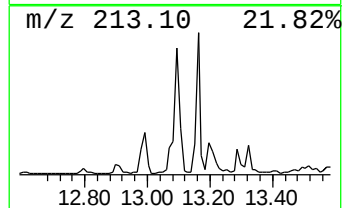
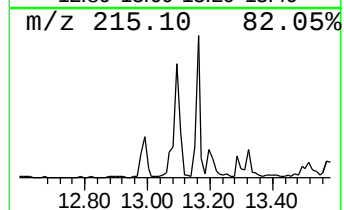
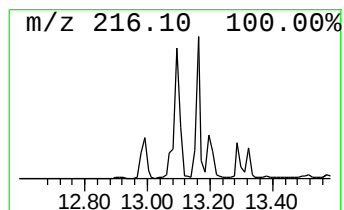
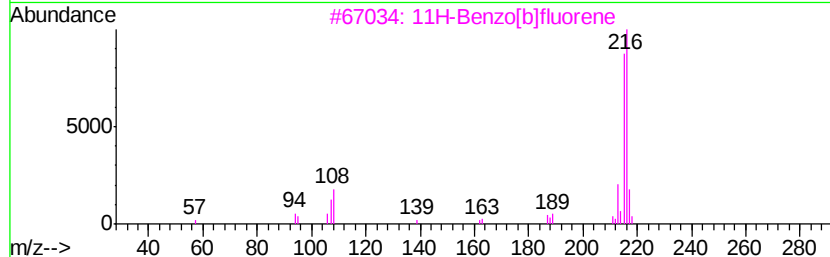
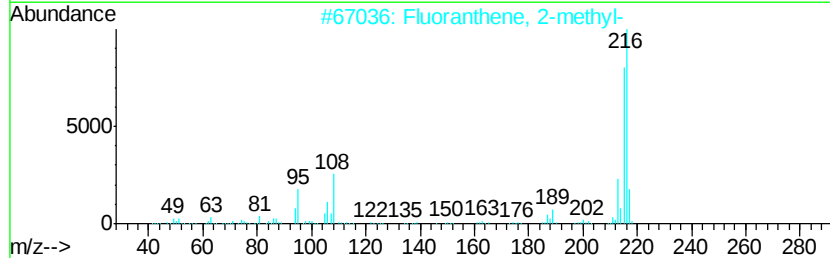
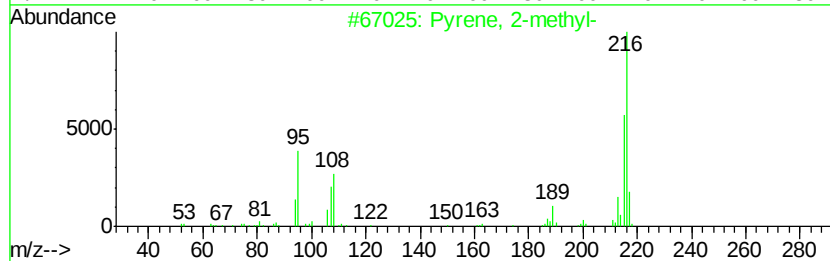
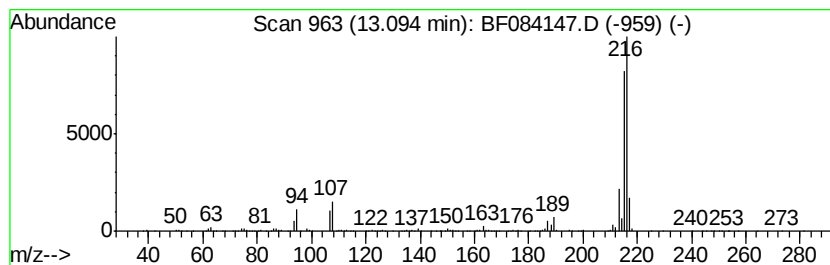
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pyrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	6.80 ng	1165940	Chrysene-d12	13.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122515\
Data File : BF084147.D
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ClientSampleId :
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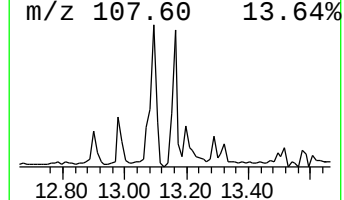
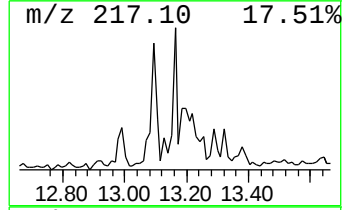
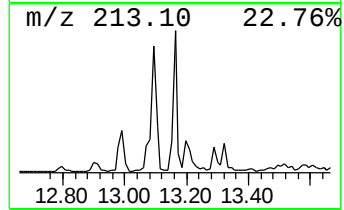
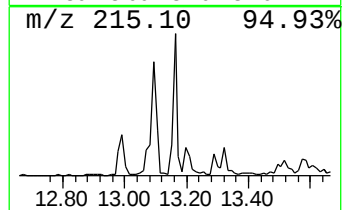
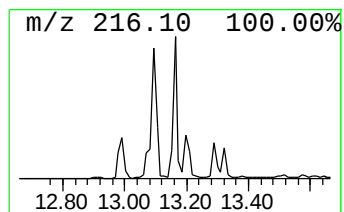
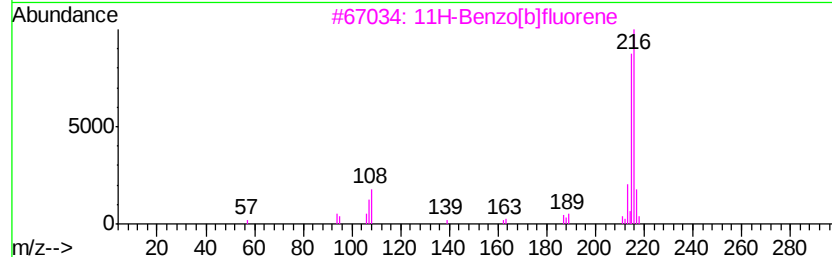
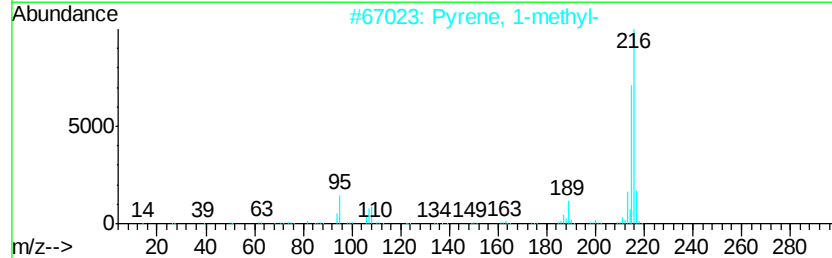
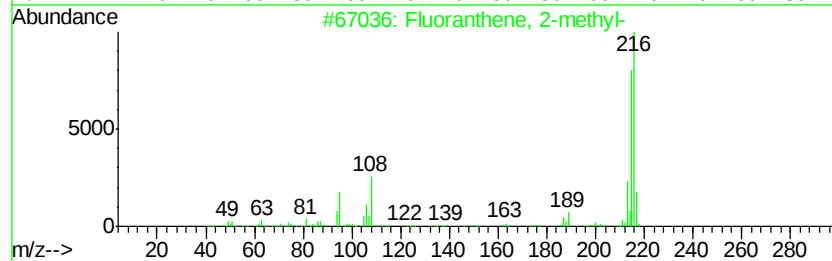
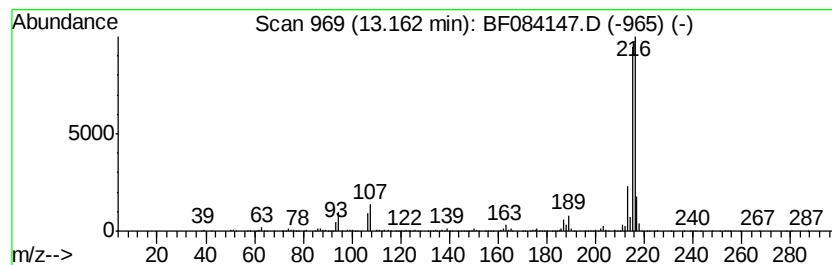
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	5.77 ng	989190	Chrysene-d12	13.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122515\
Data File : BF084147.D
Acq On : 25 Dec 2015 23:59
Operator : UM/SJ
Sample : G4954-01
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-3(0-2)5W

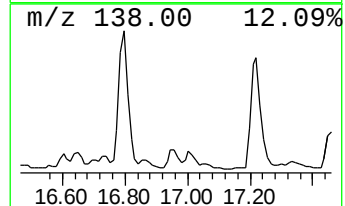
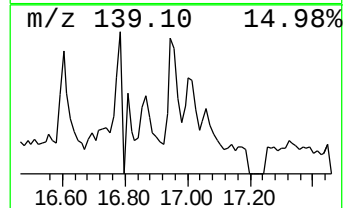
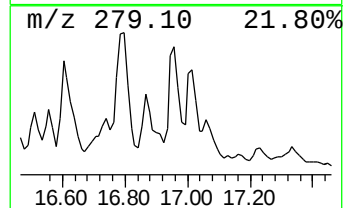
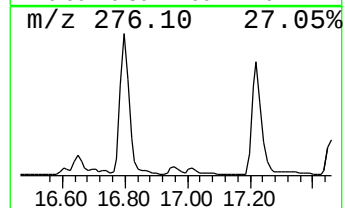
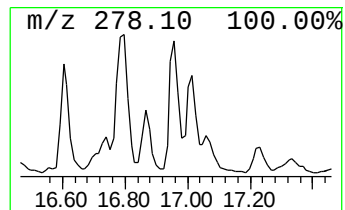
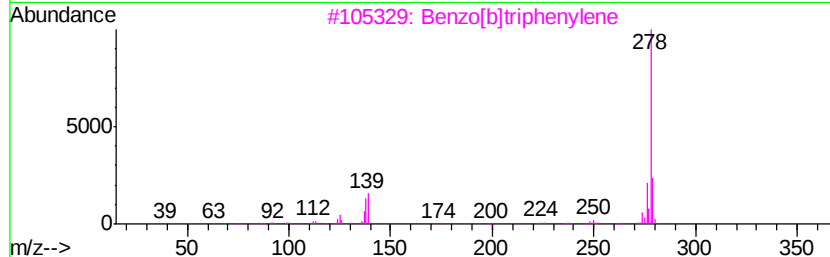
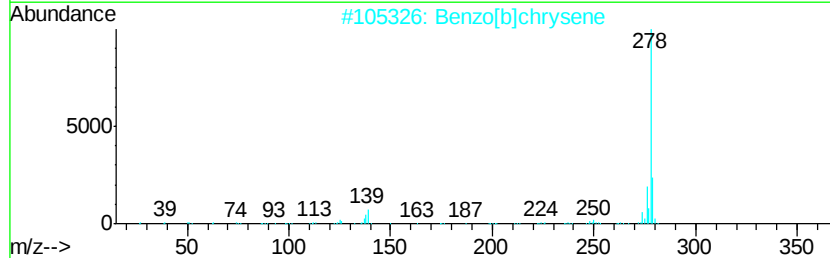
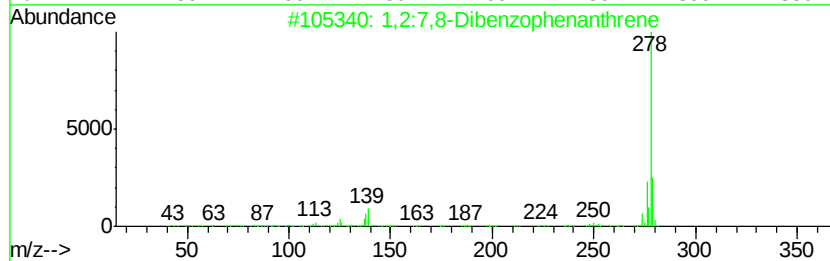
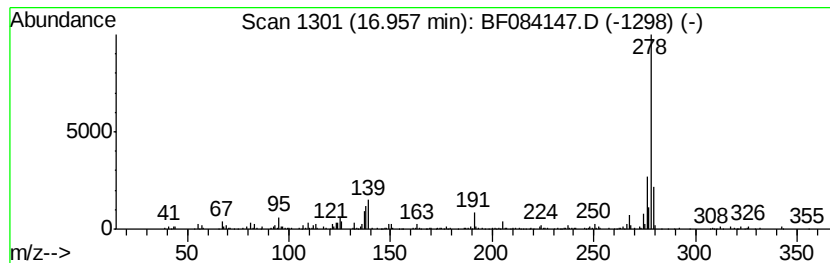
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1,2:7,8-Dibenzophenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	20.08 ng	245974	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	95
2		Benzo[b]chrysene	278	C22H14	000214-17-5	93
3		Benzo[b]triphenylene	278	C22H14	000215-58-7	93
4		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	90
5		Benzo[a]naphthacene	278	C22H14	000226-88-0	89



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122515\
Data File : BF084147.D
Acq On : 25 Dec 2015 23:59
Operator : UM/SJ
Sample : G4954-01
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-3(0-2)5W

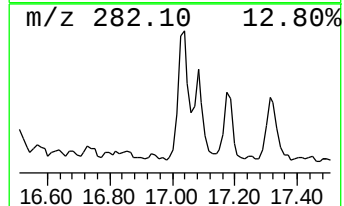
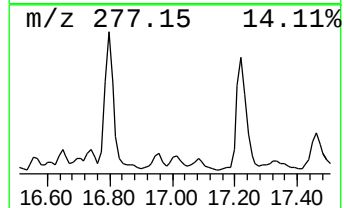
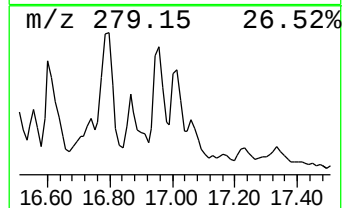
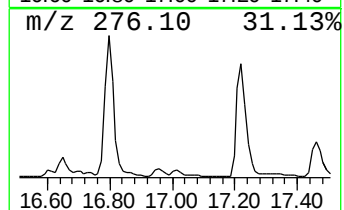
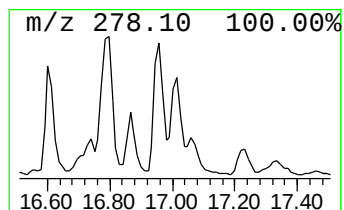
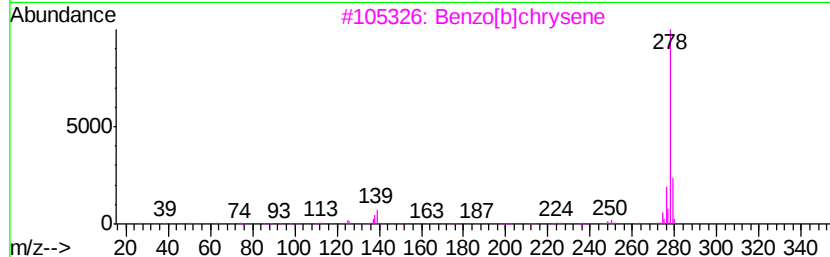
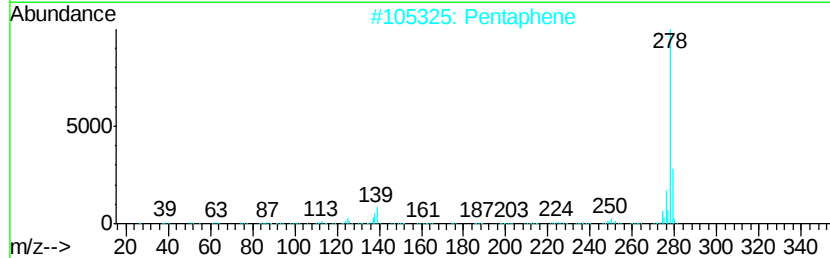
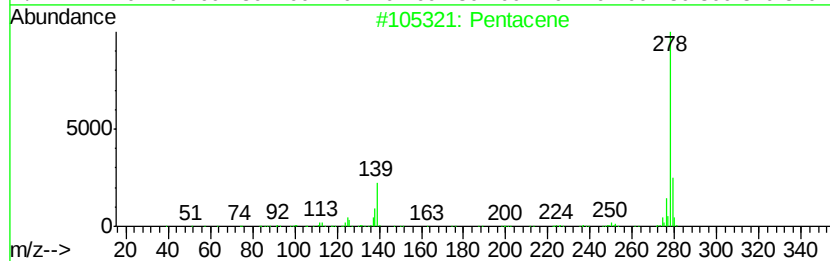
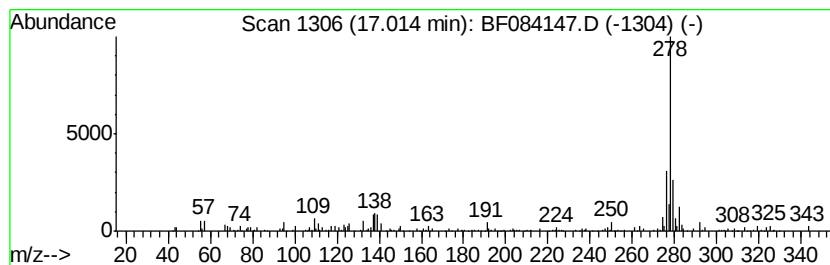
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pentacene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.01	13.61 ng	166702	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacene	278	C22H14	000135-48-8	76
2		Pentaphene	278	C22H14	000222-93-5	70
3		Benzo[b]chrysene	278	C22H14	000214-17-5	70
4		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	70
5		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122515\
Data File : BF084147.D
Acq On : 25 Dec 2015 23:59
Operator : UM/SJ
Sample : G4954-01
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-3(0-2)5W

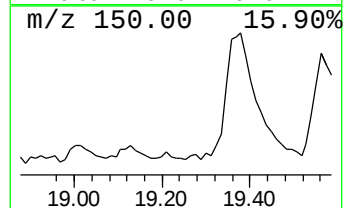
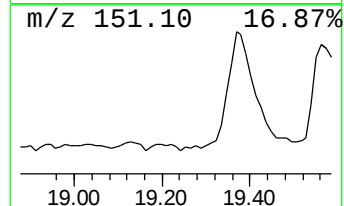
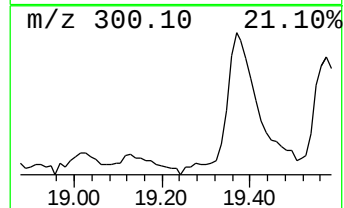
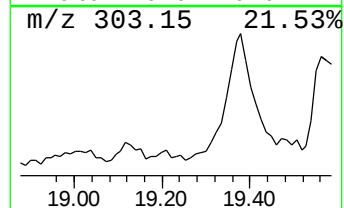
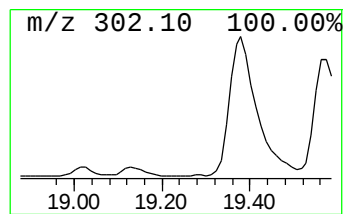
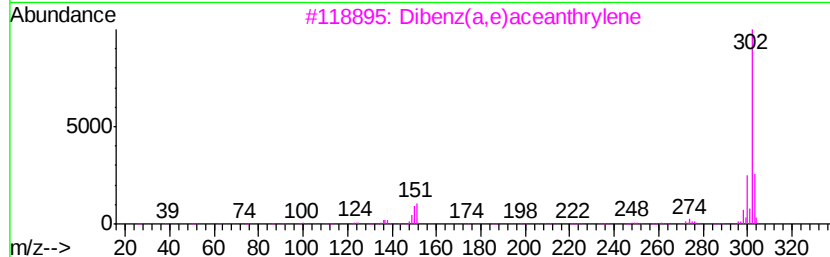
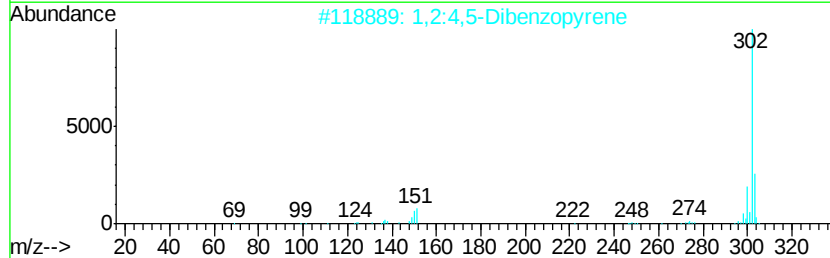
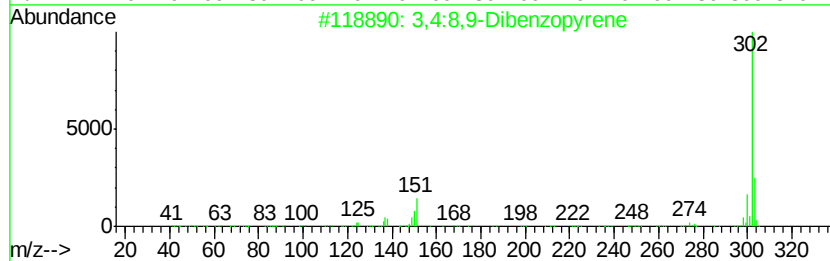
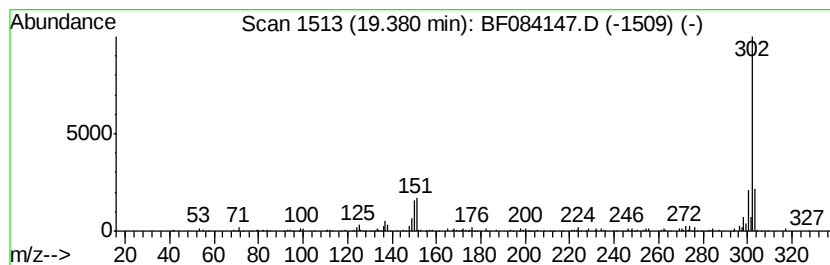
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3,4:8,9-Dibenzopyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.38	25.93 ng	317744	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	95
2		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	90
3		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	90
4		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	86
5		1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122515\
 Data File : BF084147.D
 Acq On : 25 Dec 2015 23:59
 Operator : UM/SJ
 Sample : G4954-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3(0-2)5W

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.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
2-Pentanone, 4-hy...	4.97	19.4	ng	339758	1	6.80	351014	20.0
unknown6.58	6.58	96.9	ng	1700270	1	6.80	351014	20.0
Tetracyclo[3.3.1....	6.98	9.4	ng	164921	1	6.80	351014	20.0
Naphthalene, 1-et...	9.36	5.7	ng	168701	3	9.84	590042	20.0
Naphthalene, 2,7-...	9.42	11.8	ng	348890	3	9.84	590042	20.0
Naphthalene, 2,3,...	10.25	7.2	ng	212373	3	9.84	590042	20.0
9H-Fluorene, 9-me...	10.46	13.5	ng	397215	3	9.84	590042	20.0
Dibenzofuran, 4-m...	10.54	11.1	ng	327058	3	9.84	590042	20.0
Pyrene, 2-methyl-	13.09	6.8	ng	1165940	5	13.97	3430910	20.0
Fluoranthene, 2-m...	13.16	5.8	ng	989190	5	13.97	3430910	20.0
1,2:7,8-Dibenzoph...	16.96	20.1	ng	245974	6	15.39	245046	20.0
Pentacene	17.01	13.6	ng	166702	6	15.39	245046	20.0
3,4:8,9-Dibenzopy...	19.38	25.9	ng	317744	6	15.39	245046	20.0