

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
 Data File : BF083425.D
 Acq On : 2 Dec 2015 18:45
 Operator : UM/IZ
 Sample : G4584-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(6-11)

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-BF113015.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	4.658	258	260	269	rVB	888132	1626045	7.90%	0.943%
2	4.933	281	284	287	rBV	344113	464294	2.26%	0.269%
3	5.139	299	302	304	rBV	3954725	5433254	26.41%	3.149%
4	6.213	394	396	399	rVV	5008341	5487298	26.67%	3.181%
5	6.316	403	405	407	rVV	5744268	5644061	27.43%	3.271%
6	6.362	407	409	413	rVB	405368	545906	2.65%	0.316%
7	6.533	423	424	426	rBV	754779	974301	4.74%	0.565%
8	6.693	436	438	443	rVB2	3810132	5913973	28.74%	3.428%
9	6.796	445	447	449	rVV	232962	352155	1.71%	0.204%
10	6.876	452	454	455	rVV	293684	304558	1.48%	0.177%
11	7.116	470	475	477	rBV	3455913	4147996	20.16%	2.404%
12	7.356	494	496	498	rVB	265546	324978	1.58%	0.188%
13	7.470	502	506	507	rVV	198240	325316	1.58%	0.189%
14	7.573	513	515	517	rVV3	469948	757217	3.68%	0.439%
15	7.607	517	518	521	rVV2	373414	682468	3.32%	0.396%
16	7.859	530	540	543	rVV	9968597	20574223	100.00%	11.925%
17	7.916	543	545	548	rVV2	553573	810586	3.94%	0.470%
18	8.133	560	564	565	rVV4	237705	379970	1.85%	0.220%
19	8.190	568	569	571	rVV	217526	338027	1.64%	0.196%
20	8.225	571	572	574	rVV2	216852	291279	1.42%	0.169%
21	8.270	574	576	580	rVV3	523775	920653	4.47%	0.534%
22	8.339	580	582	584	rVV3	155796	237864	1.16%	0.138%
23	8.385	584	586	589	rVV3	109721	326483	1.59%	0.189%
24	8.442	589	591	593	rVV3	127082	303006	1.47%	0.176%
25	8.499	593	596	597	rVV3	208508	411682	2.00%	0.239%
26	8.545	597	600	602	rVV	5139052	5255329	25.54%	3.046%
27	8.636	605	608	611	rVV	3170743	3804461	18.49%	2.205%
28	8.750	613	618	619	rBV3	266092	595665	2.90%	0.345%
29	8.876	625	629	630	rBV	512633	851694	4.14%	0.494%
30	8.910	630	632	634	rVV	5553625	5670064	27.56%	3.287%
31	9.002	638	640	643	rVV	1608568	2199634	10.69%	1.275%
32	9.093	646	648	652	rVB	1474668	2243309	10.90%	1.300%
33	9.162	652	654	656	rBV	872160	1307640	6.36%	0.758%
34	9.196	656	657	659	rVV2	241938	319521	1.55%	0.185%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
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35	9.242	659	661	662	rVV	1358433	1590993	7.73%	0.922%
36	9.310	666	667	669	rVV2	764075	1252787	6.09%	0.726%
37	9.356	669	671	675	rVV	660227	1050507	5.11%	0.609%
38	9.436	675	678	680	rVB	801235	793883	3.86%	0.460%
39	9.573	688	690	691	rVV	1616841	1922902	9.35%	1.115%
40	9.608	691	693	696	rVB	5198805	7710951	37.48%	4.470%
41	9.676	698	699	702	rVB	199036	330085	1.60%	0.191%
42	9.779	704	708	710	rBV3	711303	1130623	5.50%	0.655%
43	9.848	713	714	716	rVB	346509	391464	1.90%	0.227%
44	9.893	716	718	719	rBV	443163	554522	2.70%	0.321%
45	9.973	724	725	727	rVV2	299599	521846	2.54%	0.302%
46	10.030	727	730	731	rVV2	486298	843457	4.10%	0.489%
47	10.088	731	735	736	rVV	522347	926253	4.50%	0.537%
48	10.122	736	738	740	rVV	2958117	3102079	15.08%	1.798%
49	10.202	741	745	746	rVV3	229544	652284	3.17%	0.378%
50	10.248	746	749	751	rVV2	845269	1597969	7.77%	0.926%
51	10.293	752	753	755	rVV	306253	409514	1.99%	0.237%
52	10.362	755	759	761	rVV2	3202373	4243225	20.62%	2.460%
53	10.522	769	773	775	rVV	725365	1145271	5.57%	0.664%
54	10.682	782	787	788	rVV	377648	663474	3.22%	0.385%
55	10.716	788	790	792	rVV2	339267	511449	2.49%	0.296%
56	10.773	792	795	797	rVB3	179367	358975	1.74%	0.208%
57	10.991	812	814	816	rVV	803029	808614	3.93%	0.469%
58	11.036	816	818	821	rVB	376793	475473	2.31%	0.276%
59	11.151	822	828	830	rBV2	6756387	11307092	54.96%	6.554%
60	11.208	830	833	835	rVB	3176070	3451070	16.77%	2.000%
61	11.471	853	856	857	rBV2	313939	359830	1.75%	0.209%
62	11.505	857	859	863	rVB2	196879	275973	1.34%	0.160%
63	11.722	875	878	879	rBV	830740	1096177	5.33%	0.635%
64	11.756	879	881	884	rVB	943410	1149738	5.59%	0.666%
65	11.813	884	886	887	rBV	595472	652247	3.17%	0.378%
66	11.859	887	890	891	rBV	1279079	1875504	9.12%	1.087%
67	12.099	908	911	918	rVB	869078	1229889	5.98%	0.713%
68	12.442	937	941	943	rBV	371442	743583	3.61%	0.431%
69	12.476	943	944	946	rVV2	204064	317007	1.54%	0.184%
70	12.648	956	959	962	rBV	3464739	4533158	22.03%	2.628%
71	12.774	968	970	974	rVB	1225431	1475555	7.17%	0.855%

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72	12.968	983	987	989	rVV	3840666	6459623	31.40%	3.744%
73	13.208	1004	1008	1012	rVB	3869430	5455407	26.52%	3.162%
74	13.288	1012	1015	1021	rVB	190852	374298	1.82%	0.217%
75	13.437	1022	1028	1031	rVB	561983	1143761	5.56%	0.663%
76	13.528	1031	1036	1039	rBV	458529	737373	3.58%	0.427%
77	13.585	1039	1041	1043	rVV	334675	425827	2.07%	0.247%
78	13.711	1047	1052	1054	rVV2	306298	586129	2.85%	0.340%
79	13.757	1054	1056	1060	rVB	304970	481779	2.34%	0.279%
80	14.145	1087	1090	1093	rBV2	120720	274080	1.33%	0.159%
81	14.202	1093	1095	1098	rVB	179830	247075	1.20%	0.143%
82	14.339	1103	1107	1109	rBV2	153659	313690	1.52%	0.182%
83	14.385	1109	1111	1112	rBV	262439	322400	1.57%	0.187%
84	14.637	1131	1133	1135	rVV2	187465	314119	1.53%	0.182%
85	14.717	1135	1140	1143	rVV2	1607597	3830147	18.62%	2.220%
86	14.774	1143	1145	1147	rVB	945531	1365158	6.64%	0.791%
87	15.334	1191	1194	1197	rBV	151851	251786	1.22%	0.146%
88	15.482	1202	1207	1209	rBV3	128095	326696	1.59%	0.189%
89	16.282	1274	1277	1285	rBV	658295	1709206	8.31%	0.991%
90	16.420	1285	1289	1292	rBV	218442	341338	1.66%	0.198%
91	16.648	1306	1309	1312	rVB	548182	758691	3.69%	0.440%
92	16.717	1312	1315	1318	rBV	1059977	1492419	7.25%	0.865%
93	16.797	1319	1322	1323	rVV	595662	918900	4.47%	0.533%
94	17.037	1336	1343	1348	rBV4	62103	281287	1.37%	0.163%
95	17.368	1369	1372	1377	rVB	144848	288389	1.40%	0.167%
96	18.168	1438	1442	1447	rBV2	388241	790087	3.84%	0.458%
97	18.534	1471	1474	1480	rVV	428341	804537	3.91%	0.466%
98	18.740	1488	1492	1496	rVB	185675	364713	1.77%	0.211%
99	20.420	1634	1639	1645	rBV	77375	250335	1.22%	0.145%
100	21.403	1721	1725	1733	rVB2	86242	333766	1.62%	0.193%

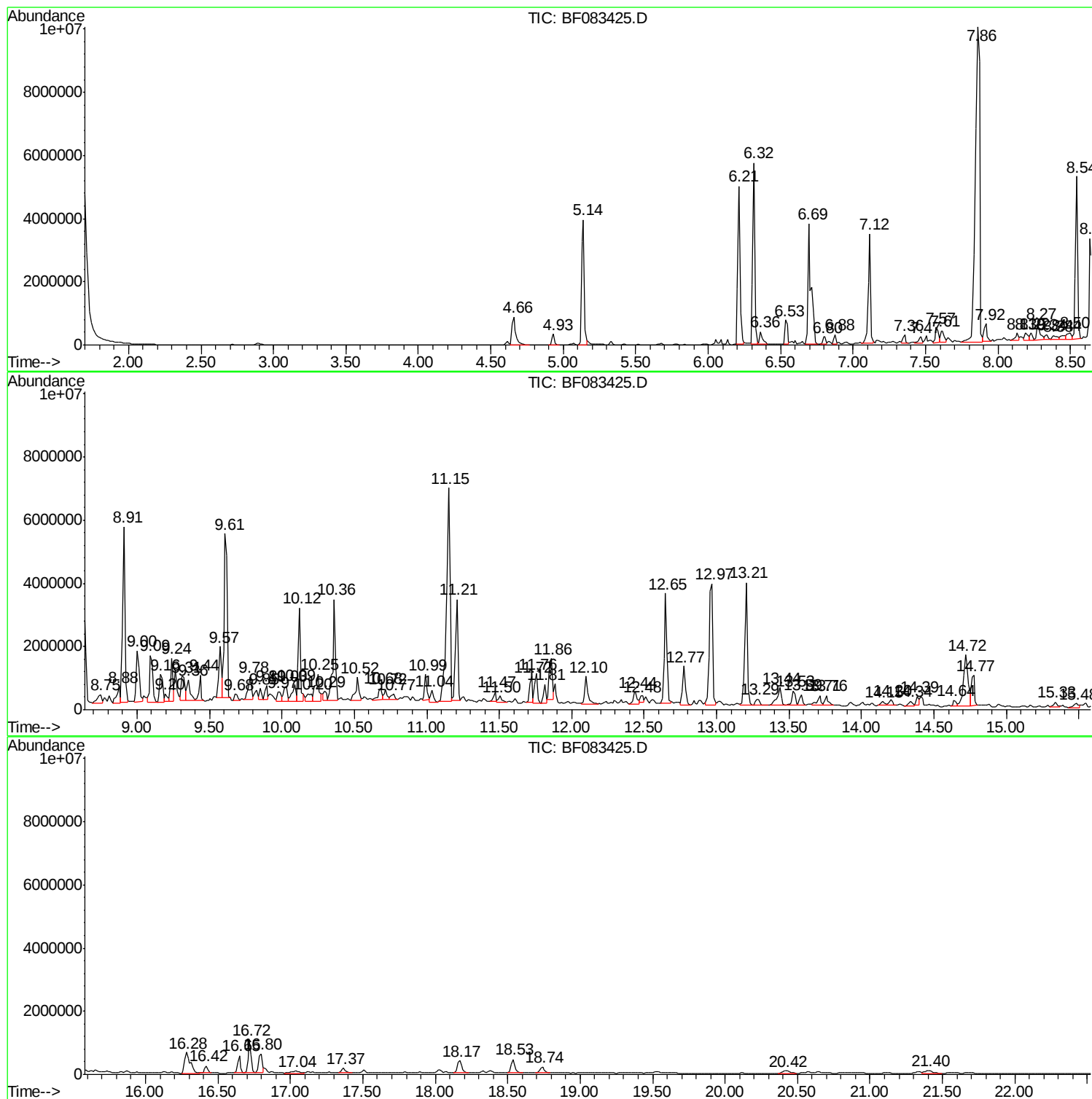
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Instrument :
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SB-P3WC-10(6-11)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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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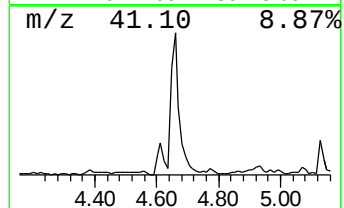
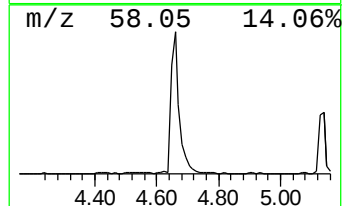
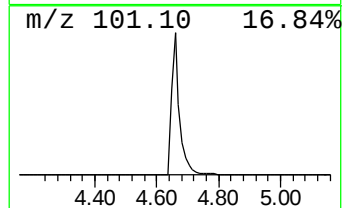
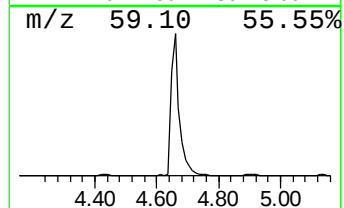
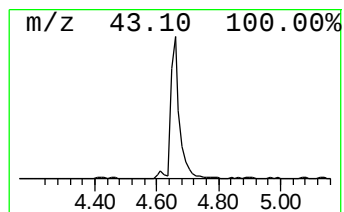
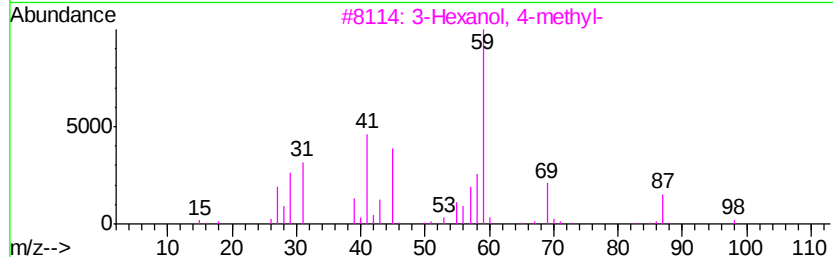
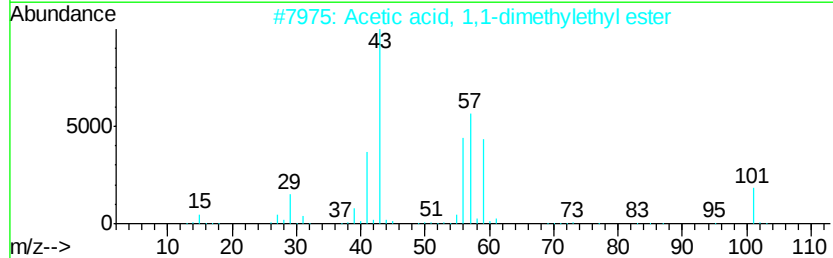
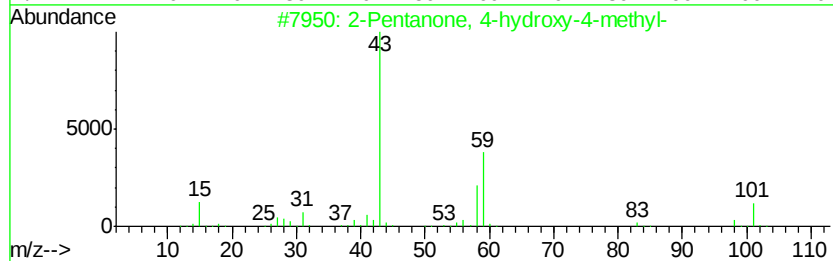
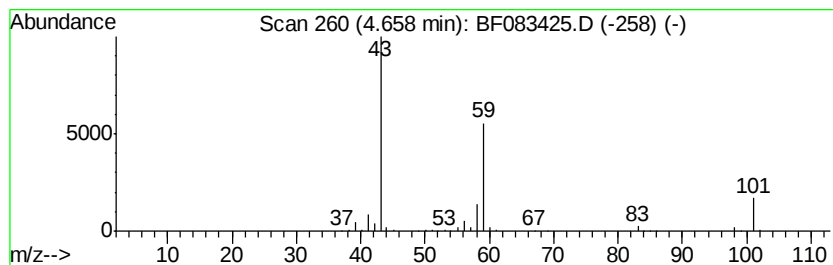
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.66	33.38 ng	1626050	1,4-Dichlorobenzene-d4	6.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	9



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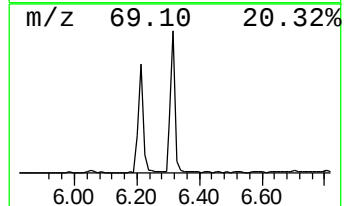
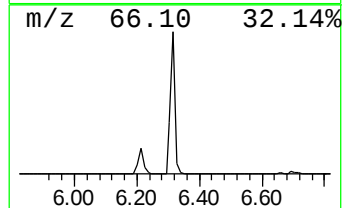
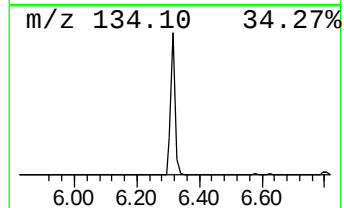
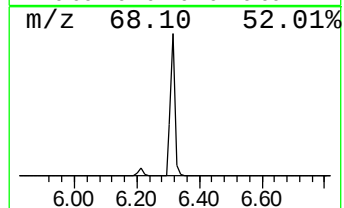
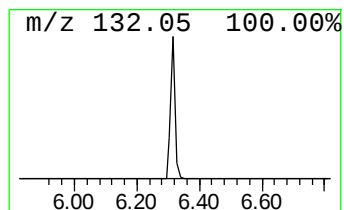
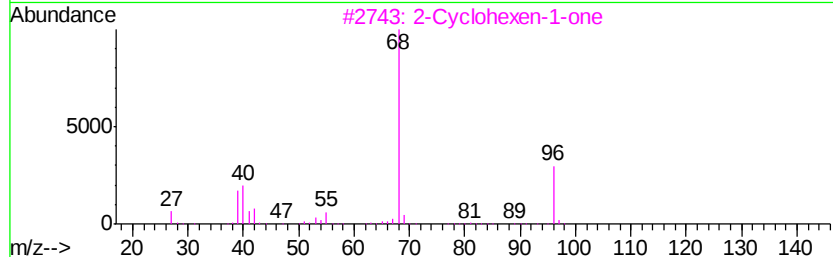
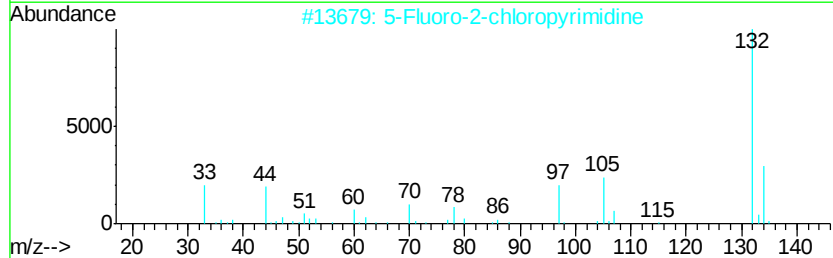
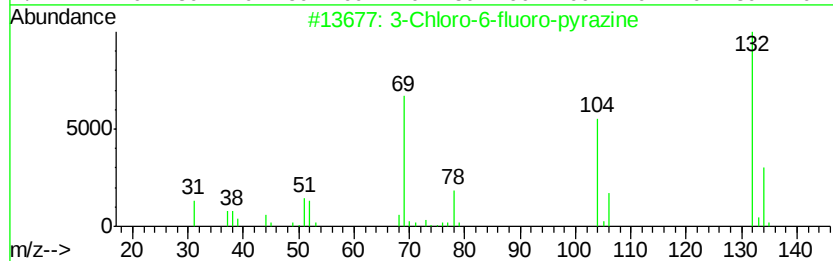
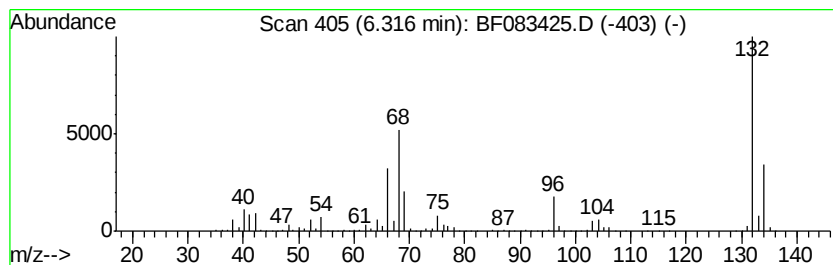
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.32 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	115.86 ng	5644060	1,4-Dichlorobenzene-d4	6.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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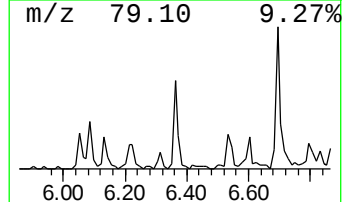
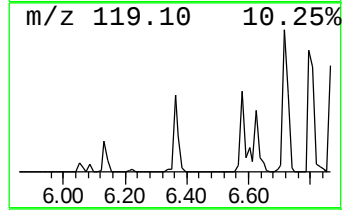
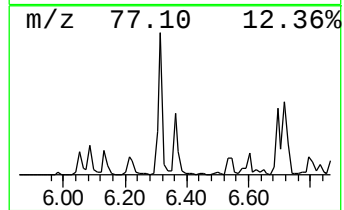
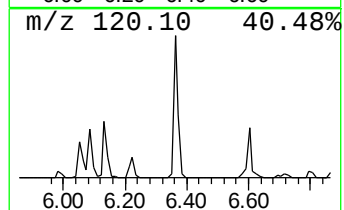
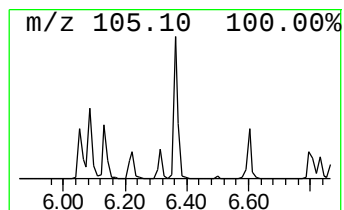
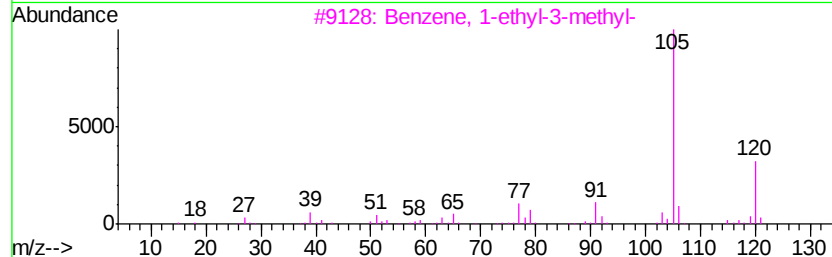
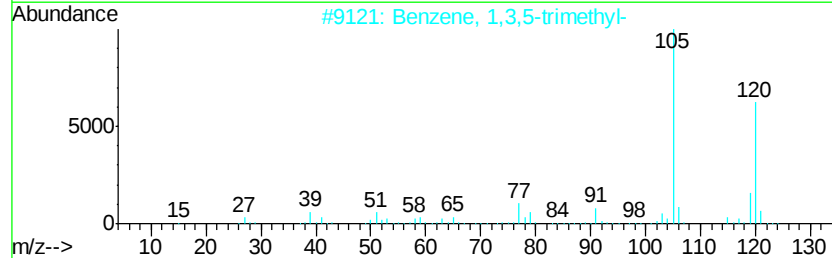
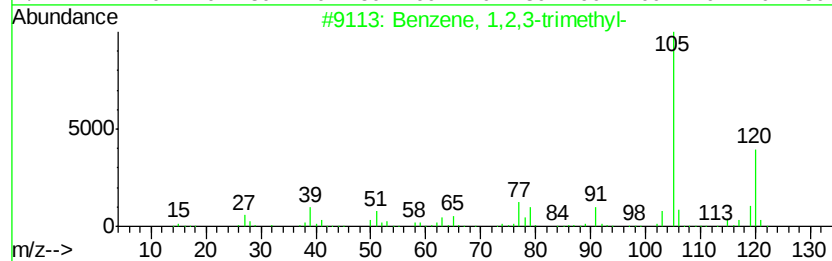
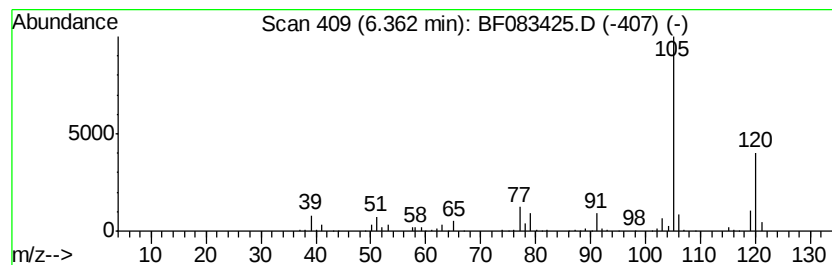
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	11.21 ng	545906	1,4-Dichlorobenzene-d4	6.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083425.D
Acq On : 2 Dec 2015 18:45
Operator : UM/IZ
Sample : G4584-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-P3WC-10(6-11)

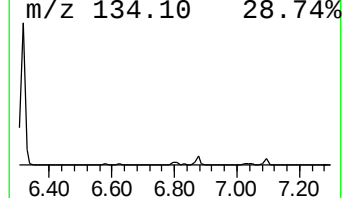
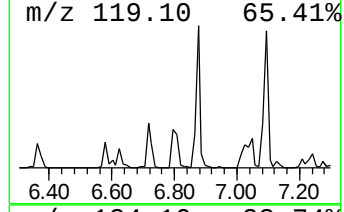
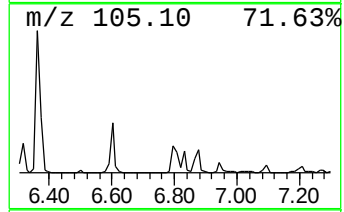
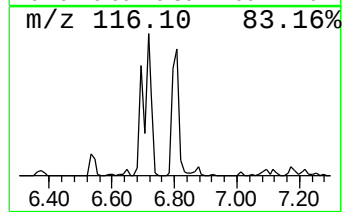
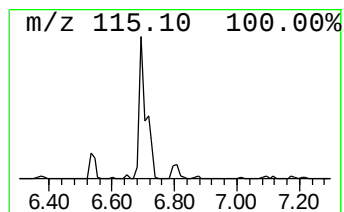
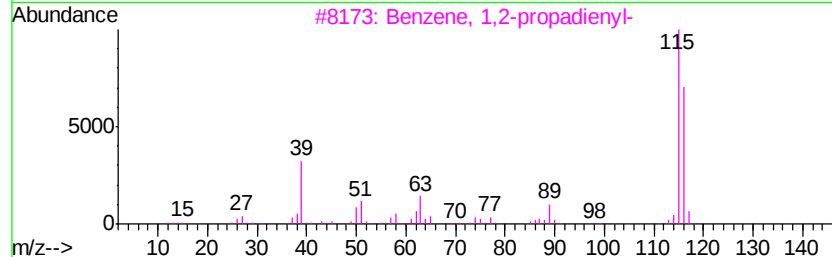
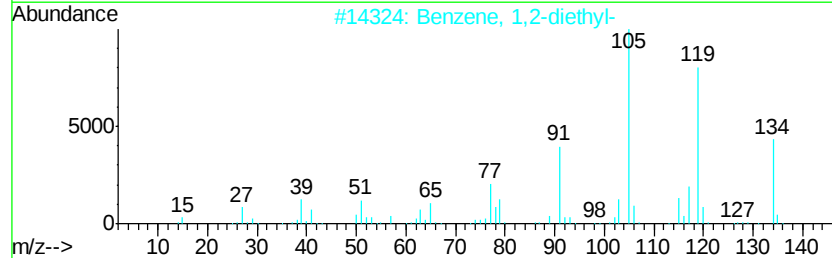
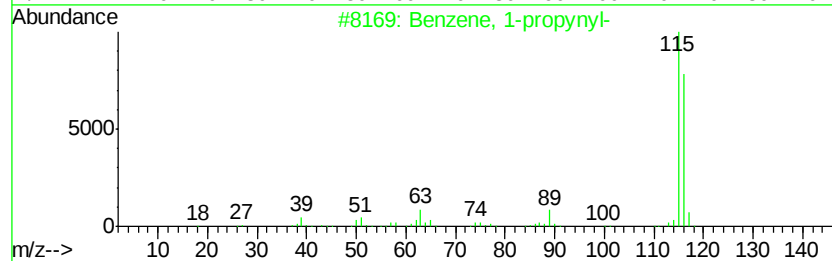
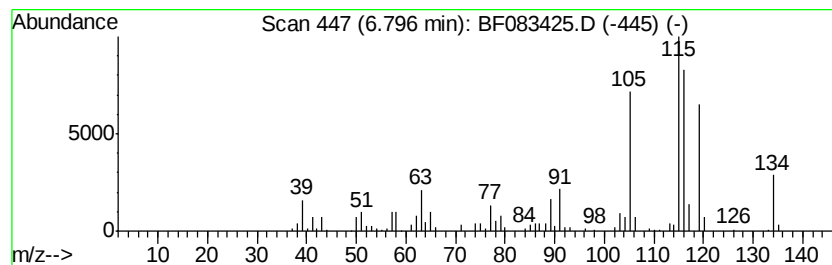
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1-propynyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	7.23 ng	352155	1,4-Dichlorobenzene-d4	6.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	92
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	64
3		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	62
4		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	62
5		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
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Acq On : 2 Dec 2015 18:45
Operator : UM/IZ
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ClientSampleId :
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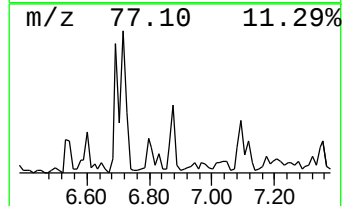
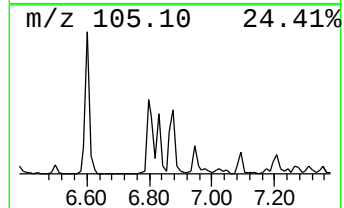
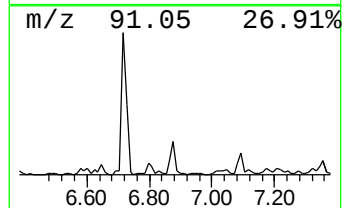
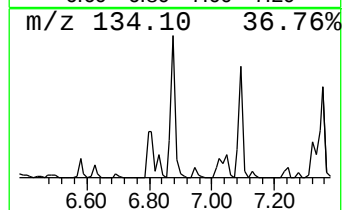
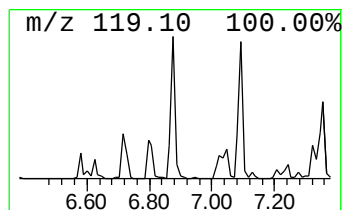
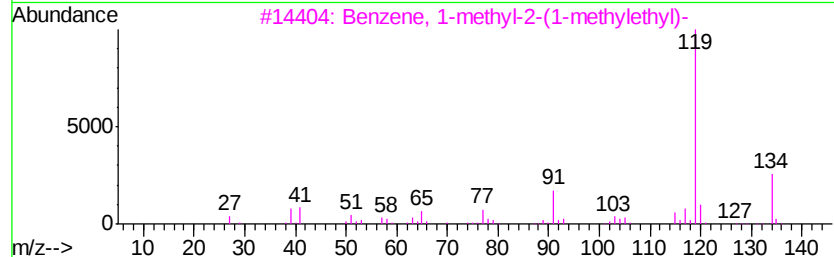
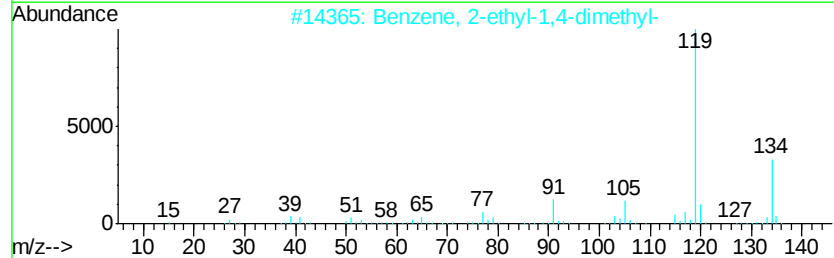
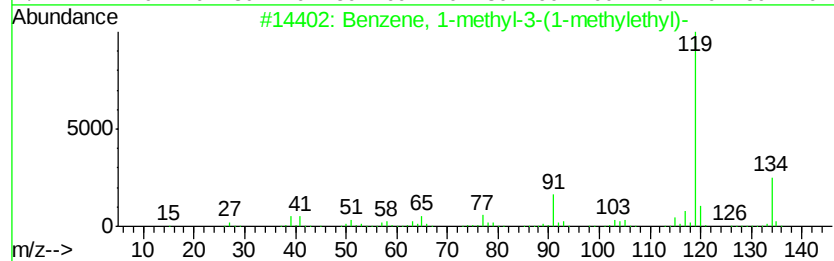
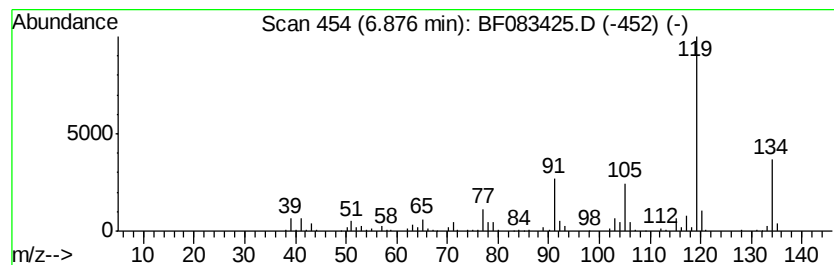
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1-methyl-3-(1-meth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	6.25 ng	304558	1,4-Dichlorobenzene-d4	6.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
3			Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	91
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
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Acq On : 2 Dec 2015 18:45
Operator : UM/IZ
Sample : G4584-02
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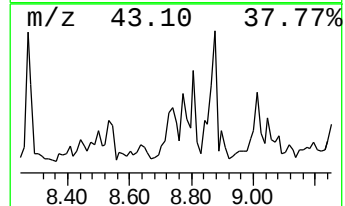
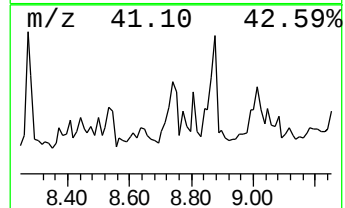
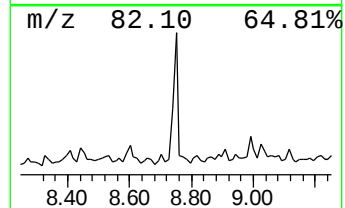
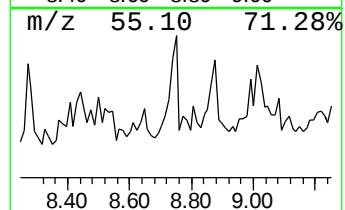
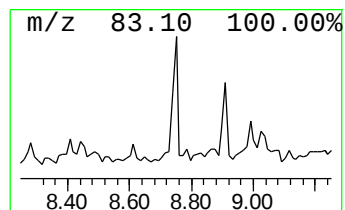
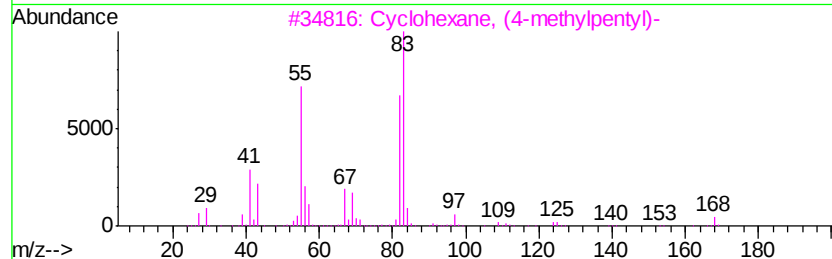
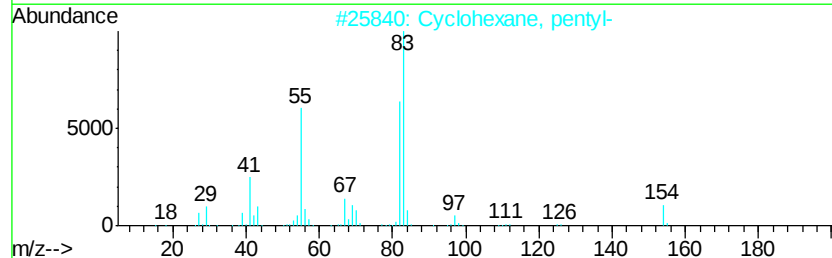
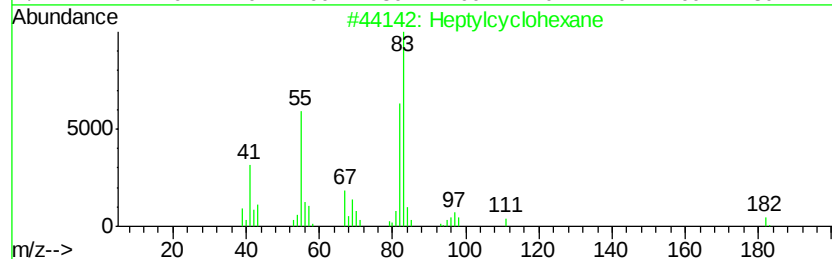
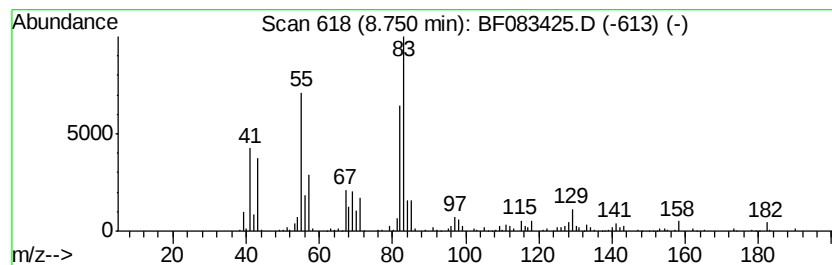
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ClientSampleId :
SB-P3WC-10(6-11)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptylcyclohexane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	6.20 ng	595665	Acenaphthene-d10	9.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptylcyclohexane	182 C13H26	005617-41-4	81
2	Cyclohexane, pentyl-	154 C11H22	004292-92-6	68
3	Cyclohexane, (4-methylpentyl)-	168 C12H24	061142-20-9	64
4	Cyclohexane, octyl-	196 C14H28	001795-15-9	59
5	Cyclohexane, (1-methylethyl)-	126 C9H18	000696-29-7	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083425.D
Acq On : 2 Dec 2015 18:45
Operator : UM/IZ
Sample : G4584-02
Misc :
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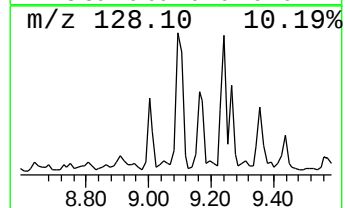
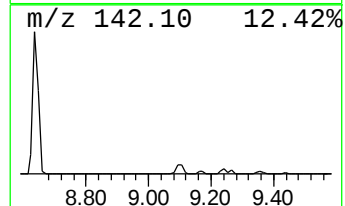
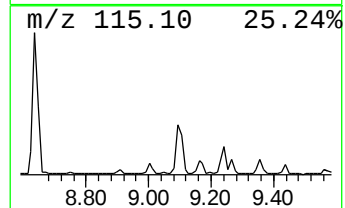
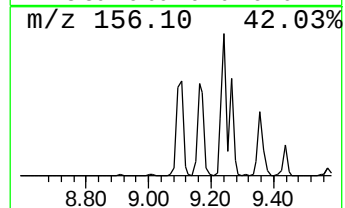
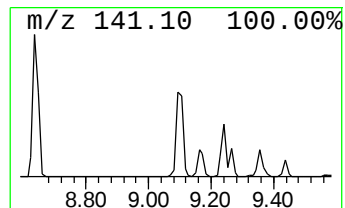
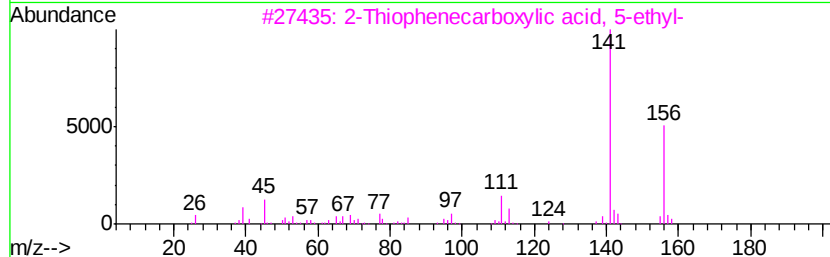
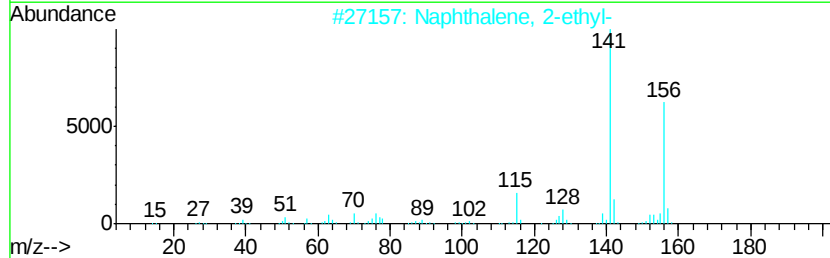
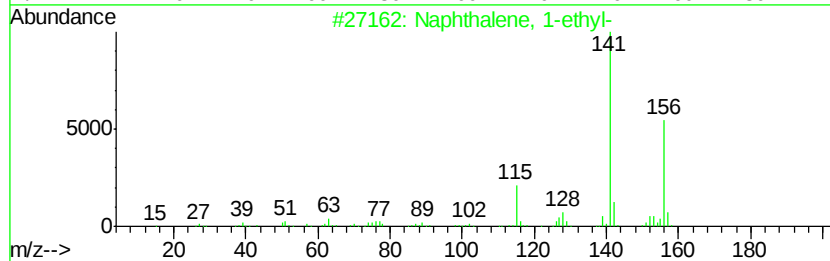
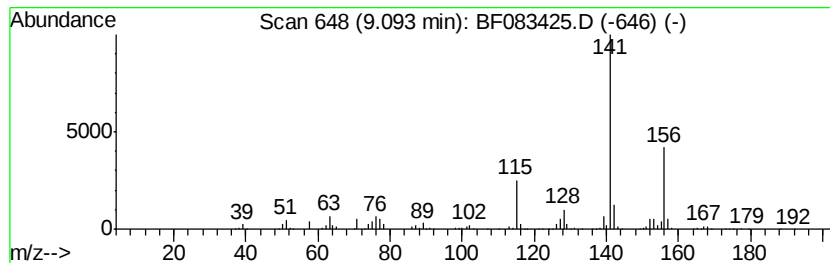
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SB-P3WC-10(6-11)

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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 Naphthalene, 1-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	23.33 ng	2243310	Acenaphthene-d10	9.57
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 95
2		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 95
3		2-Thiophenecarboxylic acid, 5-ethyl-	156 C7H8O2S	023229-72-3 59
4		Naphthalene, 1-propyl-	170 C13H14	002765-18-6 59
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083425.D
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Instrument :
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ClientSampleId :
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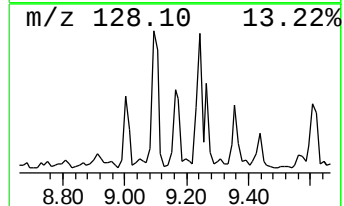
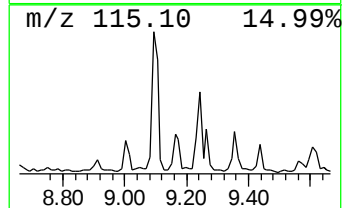
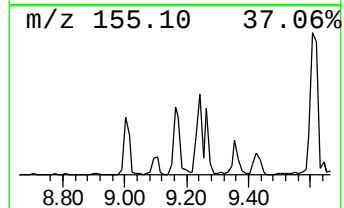
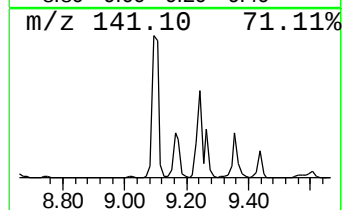
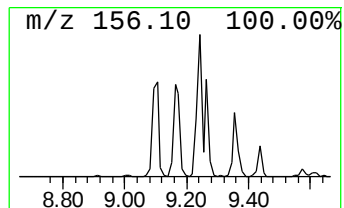
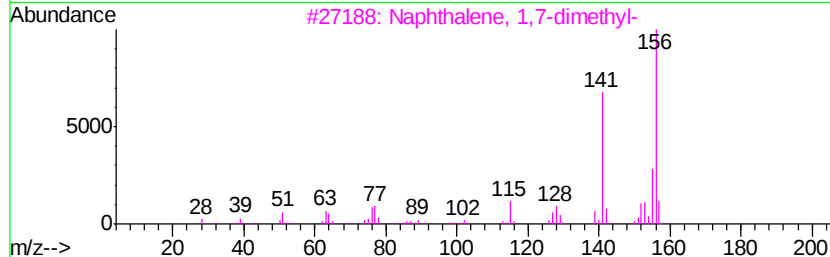
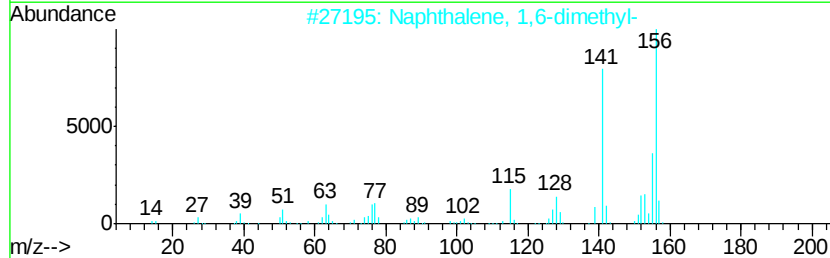
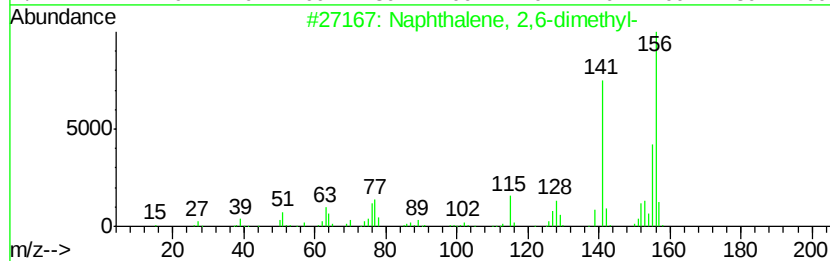
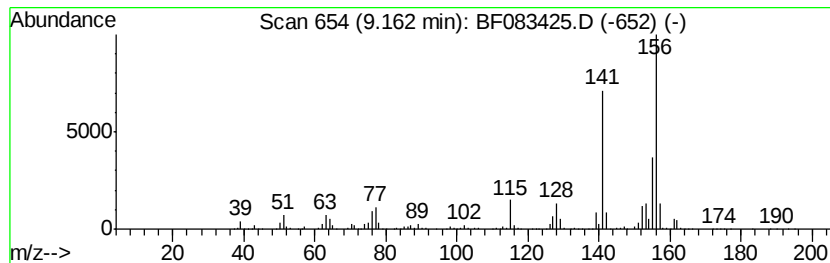
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	13.60 ng	1307640	Acenaphthene-d10	9.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083425.D
Acq On : 2 Dec 2015 18:45
Operator : UM/IZ
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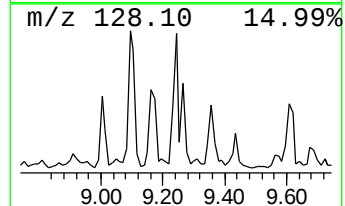
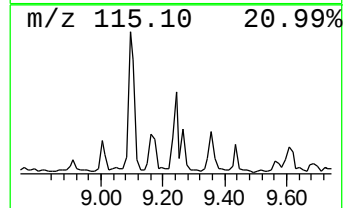
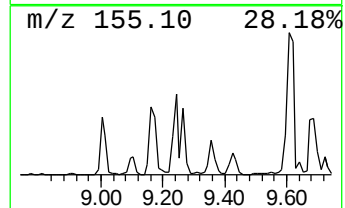
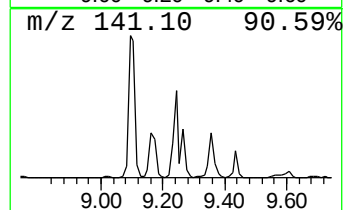
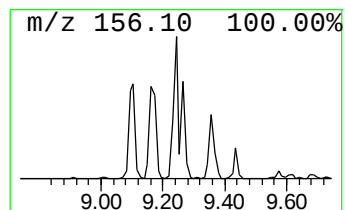
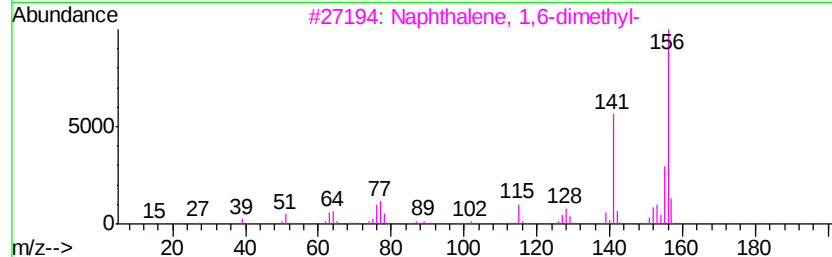
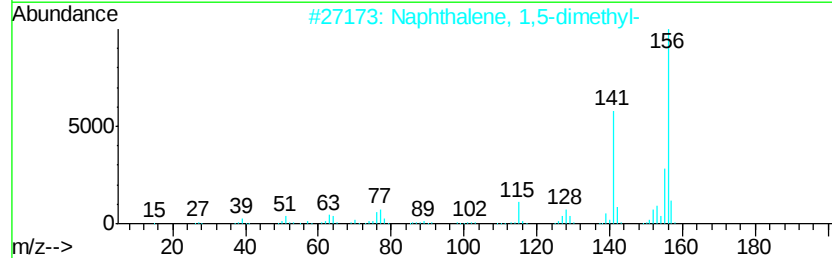
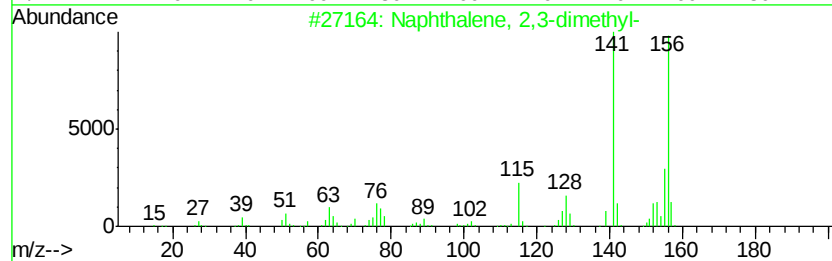
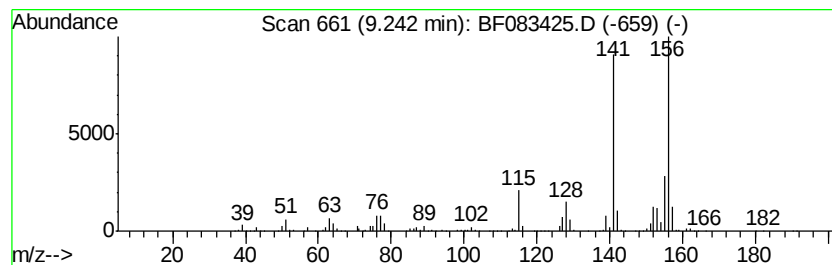
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	16.55 ng	1590990	Acenaphthene-d10	9.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083425.D
Acq On : 2 Dec 2015 18:45
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ClientSampleId :
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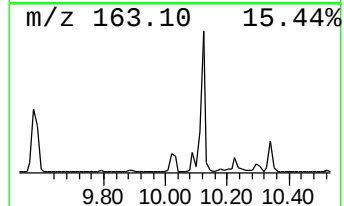
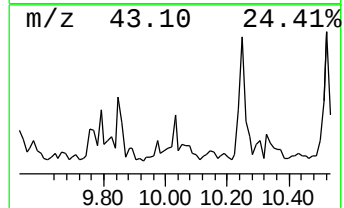
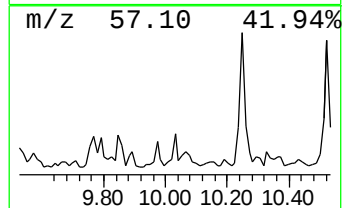
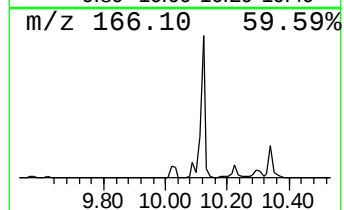
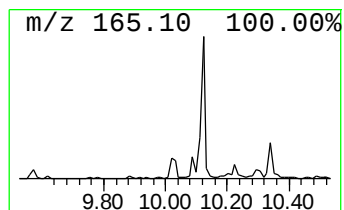
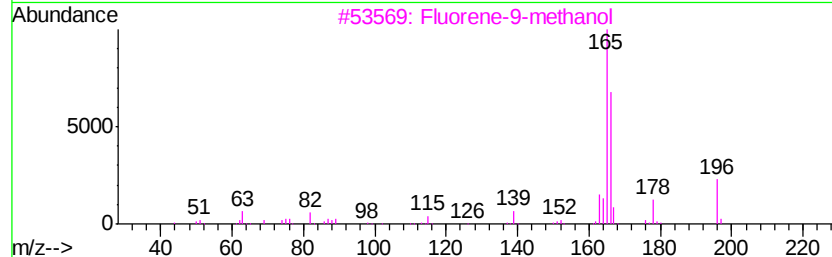
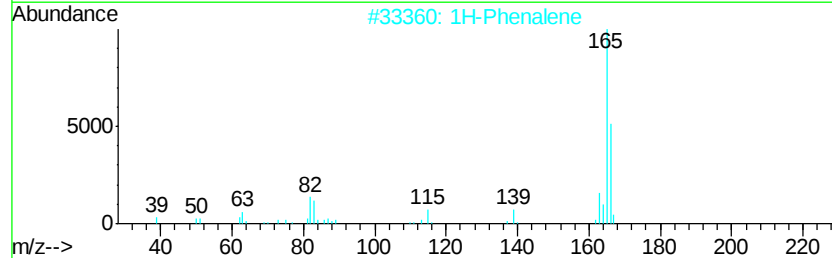
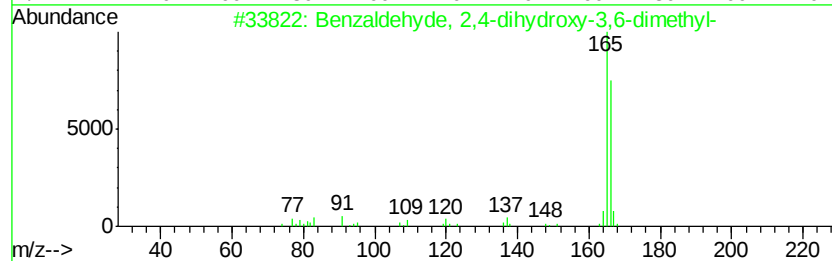
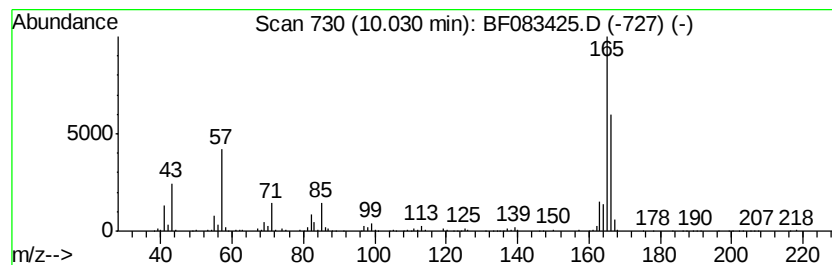
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzaldehyde, 2,4-dihydroxy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	8.77 ng	843457	Acenaphthene-d10	9.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehydve, 2,4-dihvdroxy-3,6-...	166	C9H10O3	034883-14-2	72
2			1H-Phenylene	166	C13H10	000203-80-5	58
3			Fluorene-9-methanol	196	C14H12O	024324-17-2	50
4			L-Alanine, N-[(9H-fluoren-9-yl)me...	311	C18H17NO4	035661-39-3	38
5			Fluorene	166	C13H10	000086-73-7	37



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083425.D
Acq On : 2 Dec 2015 18:45
Operator : UM/IZ
Sample : G4584-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(6-11)

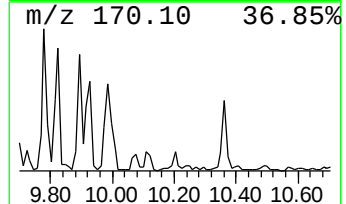
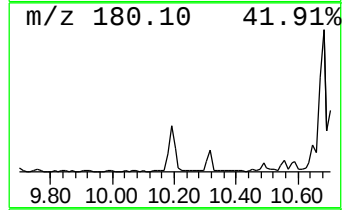
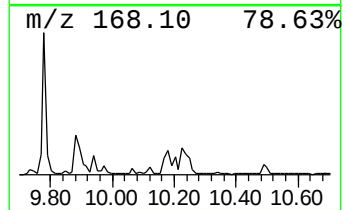
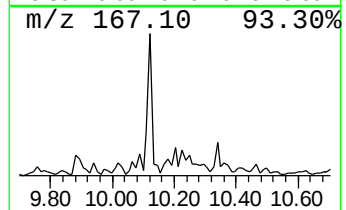
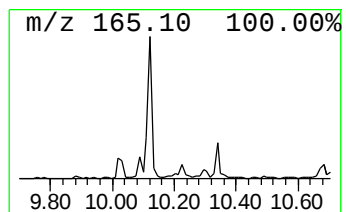
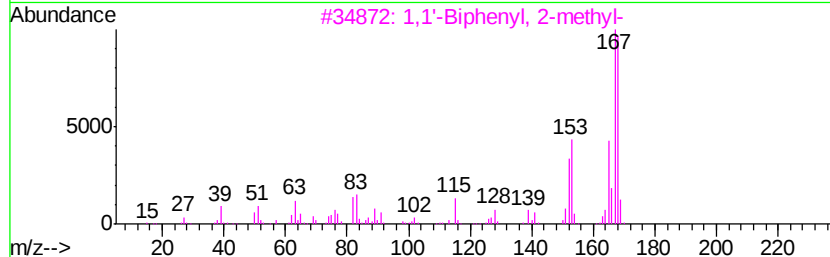
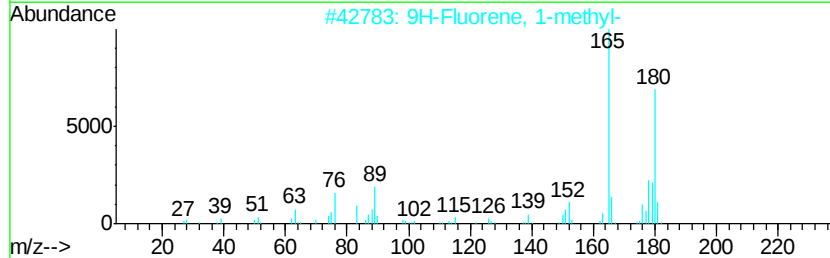
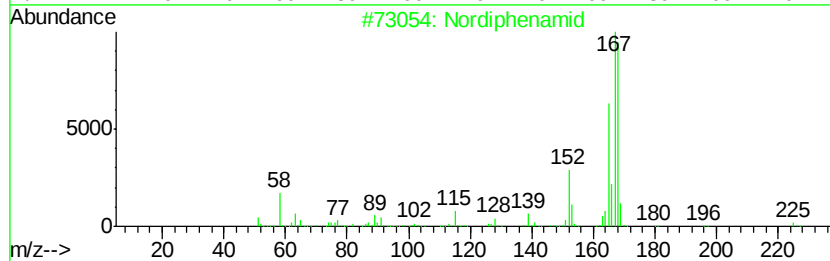
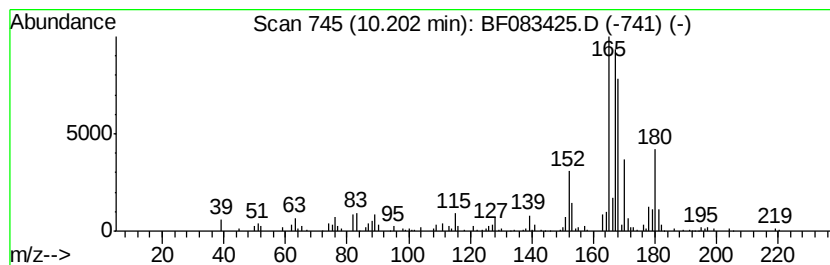
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown10.20 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	6.78 ng	652284	Acenaphthene-d10	9.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nordiphenamid	225	C15H15NO	000954-21-2	49
2			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	46
3			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	45
4			Diphenylmethane	168	C13H12	000101-81-5	43
5			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083425.D
Acq On : 2 Dec 2015 18:45
Operator : UM/IZ
Sample : G4584-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-P3WC-10(6-11)

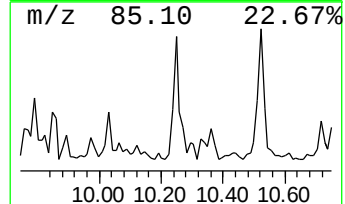
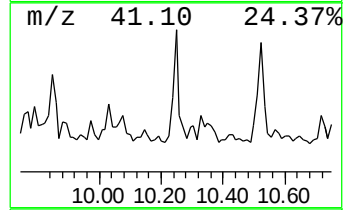
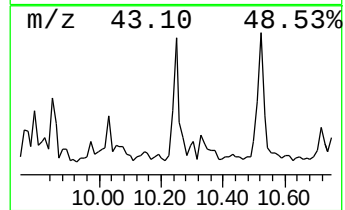
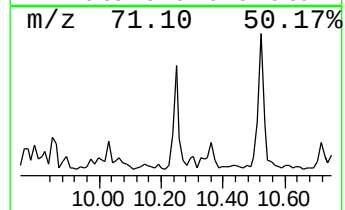
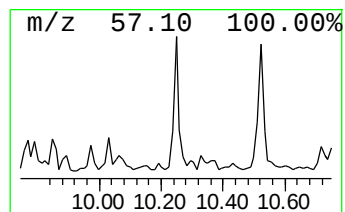
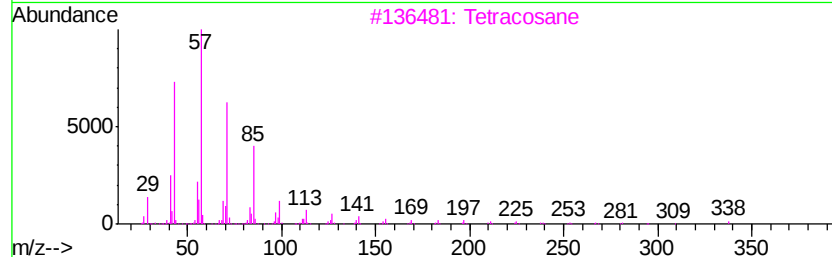
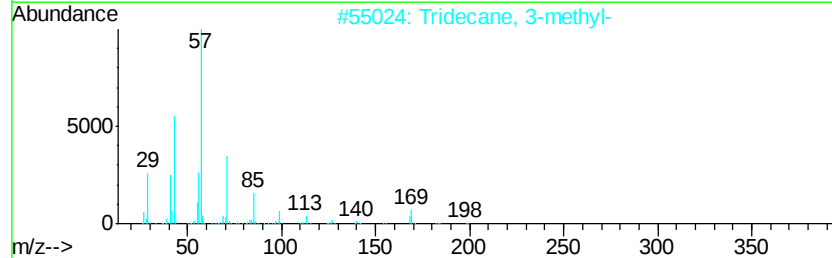
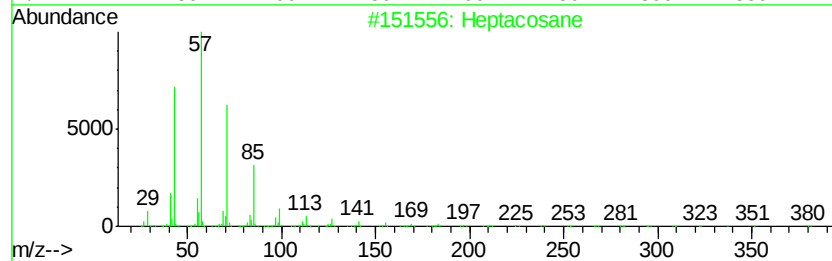
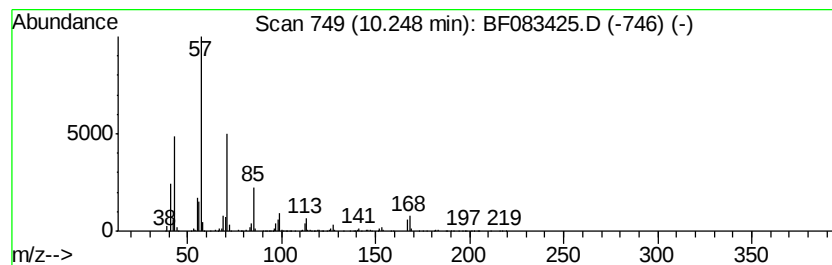
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	16.62 ng	1597970	Acenaphthene-d10	9.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	80
2		Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
3		Tetracosane	338	C24H50	000646-31-1	64
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	59
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083425.D
Acq On : 2 Dec 2015 18:45
Operator : UM/IZ
Sample : G4584-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-P3WC-10(6-11)

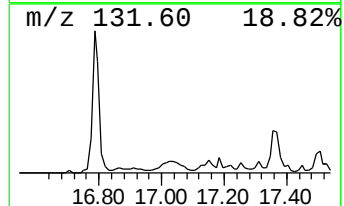
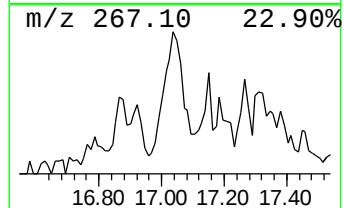
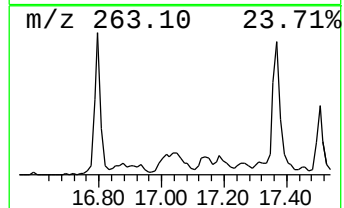
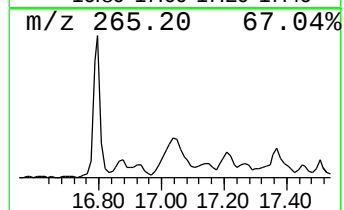
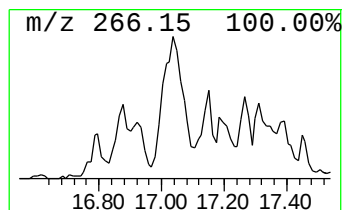
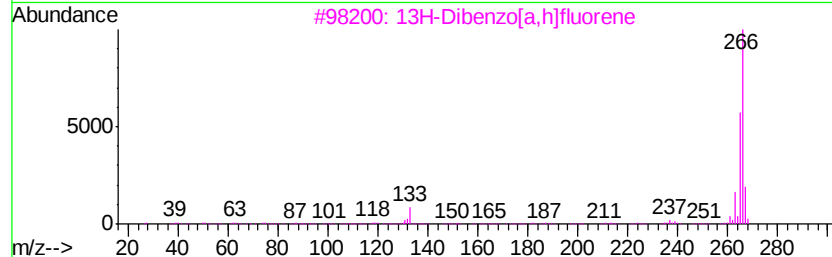
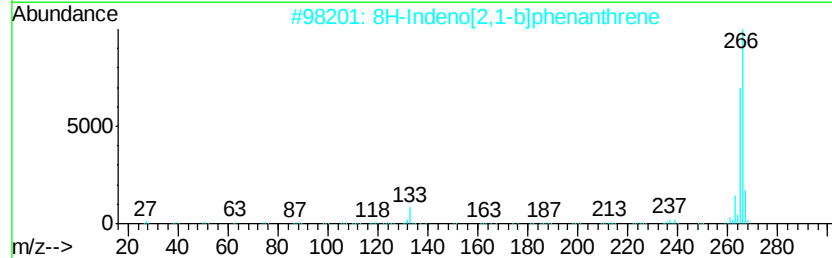
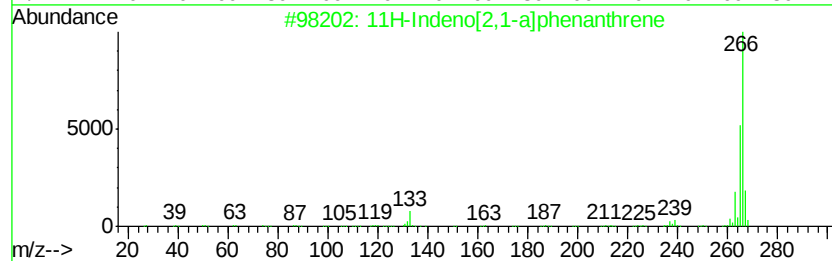
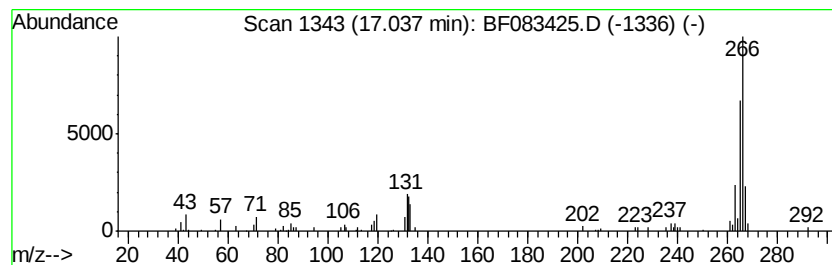
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 11H-Indeno[2,1-a]phenanthrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.04	6.12 ng	281287	Perylene-d12	16.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	95
2		8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	91
3		13H-Dibenzof[a,h]fluorene	266	C21H14	000239-85-0	90
4		4H-1-Benzopyran-4-one, 3-hydroxy...	266	C17H14O3	078396-37-9	72
5		Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	68



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083425.D
Acq On : 2 Dec 2015 18:45
Operator : UM/IZ
Sample : G4584-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-P3WC-10(6-11)

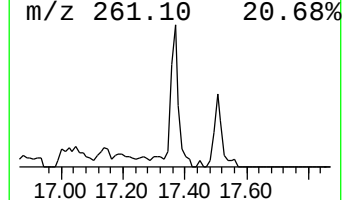
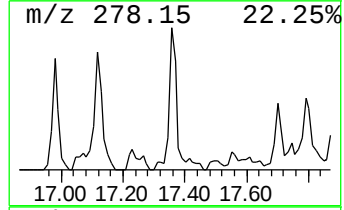
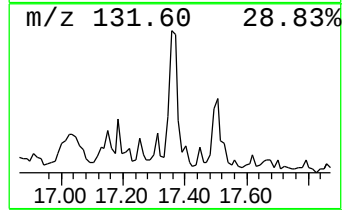
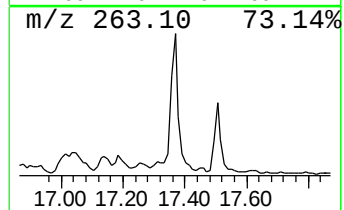
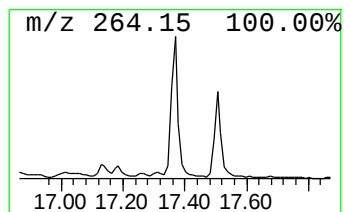
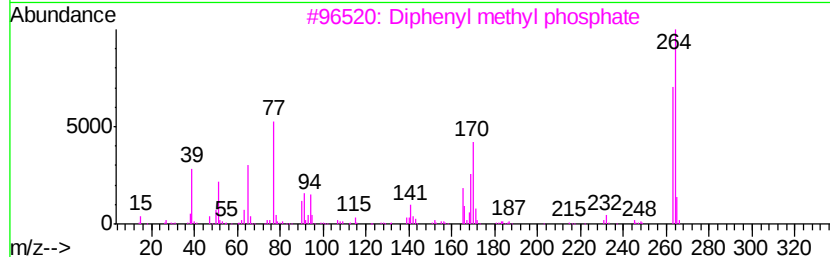
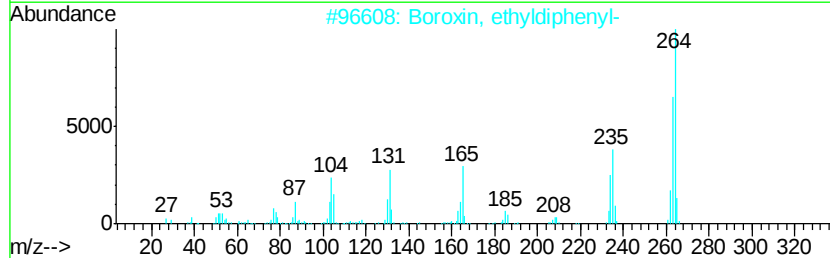
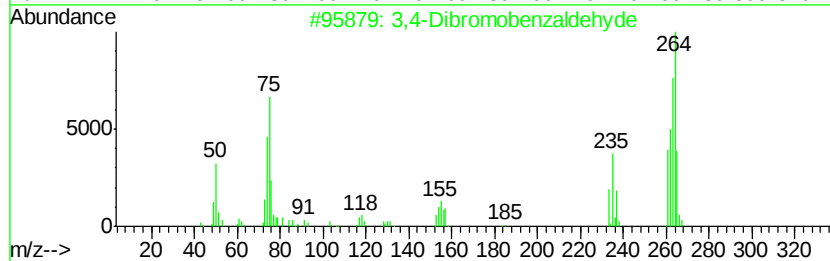
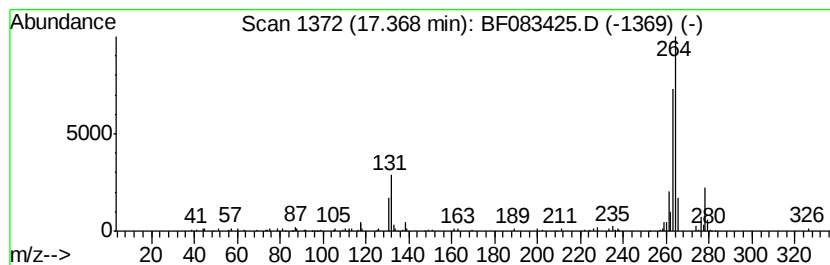
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 3,4-Dibromobenzaldehyde Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	6.28 ng	288389	Perylene-d12	16.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	64
2		Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	64
3		Diphenyl methyl phosphate	264	C13H13O4P	000115-89-9	52
4		Indane-1,3-dione, 2-(4-methoxybe...	264	C17H12O3	007421-76-3	50
5		Phosphenimidous amide, tris(trim...	278	C9H27N2PSi3	050732-21-3	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083425.D
Acq On : 2 Dec 2015 18:45
Operator : UM/IZ
Sample : G4584-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-P3WC-10(6-11)

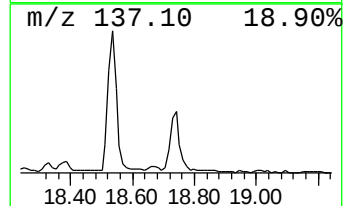
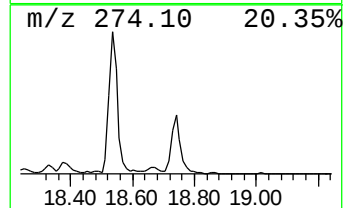
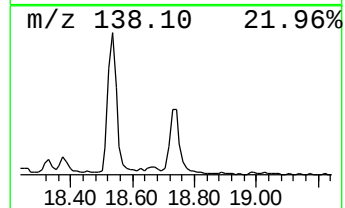
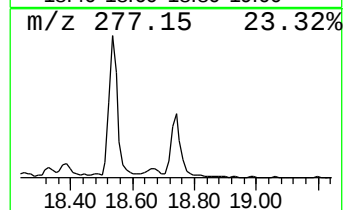
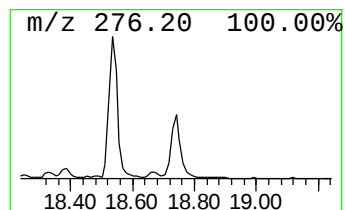
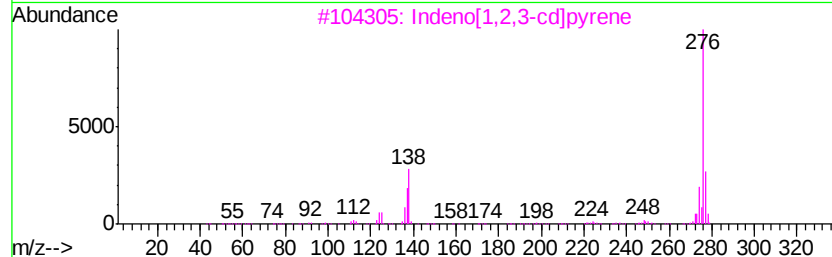
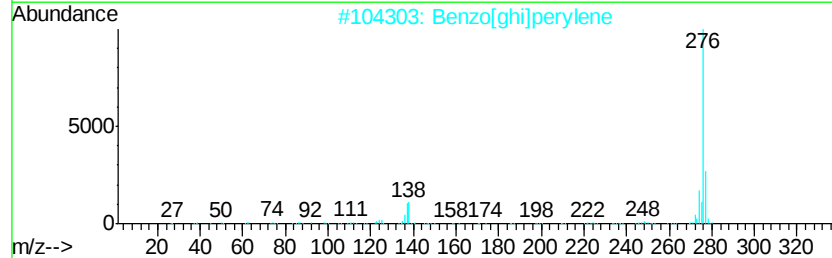
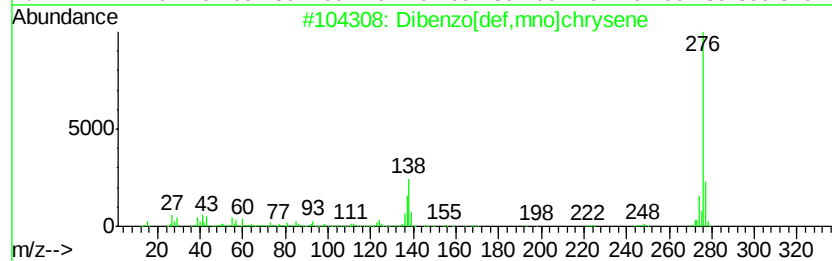
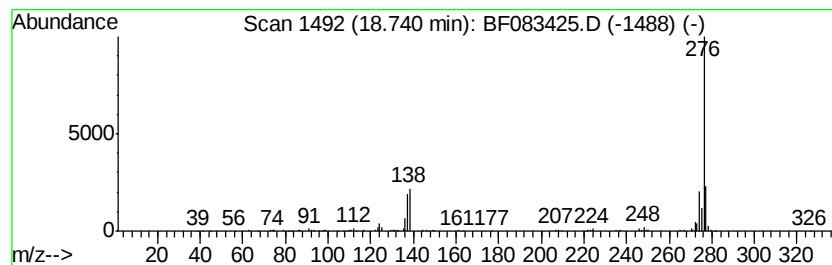
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dibenzo[def,mno]chrysene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	7.94 ng	364713	Perylene-d12	16.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	95
2		Benzo[ghi]perylene	276	C22H12	000191-24-2	95
3		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	91
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	72
5		Phenol, 2-(4-chlorophenyl)iminome...	276	C13H9ClN2O3	1000262-90-3	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
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ALS Vial : 14 Sample Multiplier: 1

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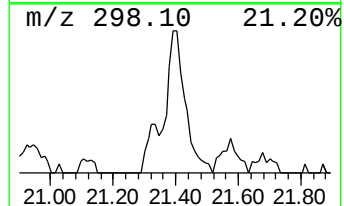
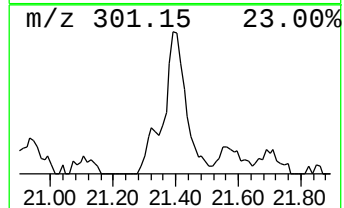
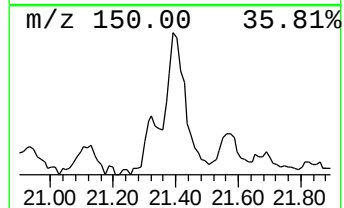
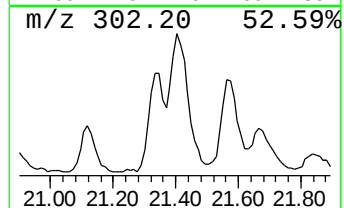
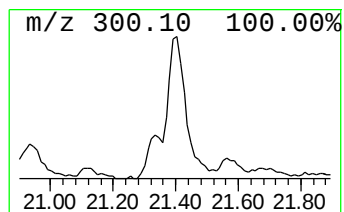
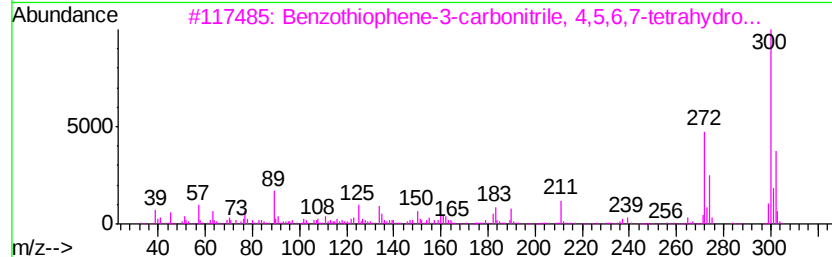
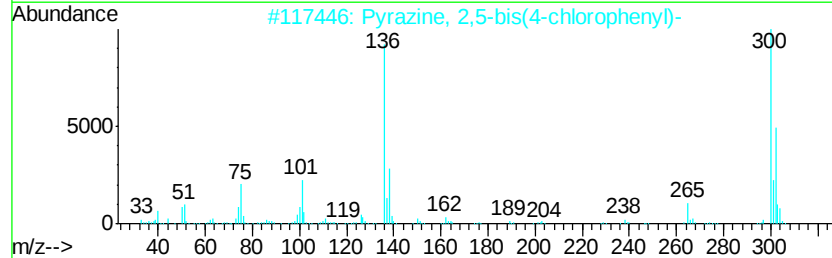
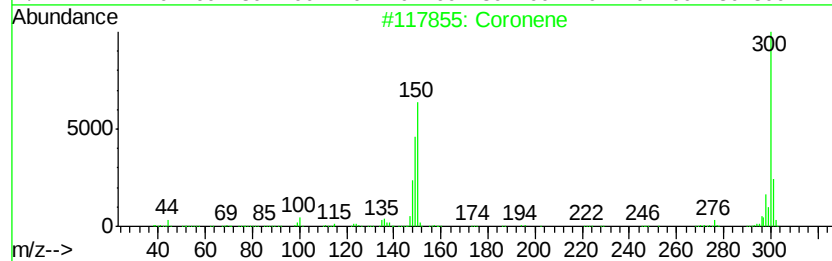
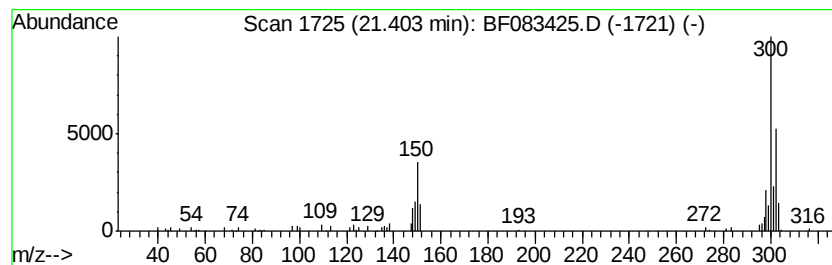
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Coronene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	7.26 ng	333766	Perylene-d12	16.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Coronene	300	C24H12	000191-07-1	60
2		Pyrazine, 2,5-bis(4-chlorophenyl)-	300	C16H10Cl2N2	074376-33-3	53
3		Benzothiophene-3-carbonitrile, 4...	300	C16H13ClN2S	069438-07-9	53
4		5-(p-(Dimethylamino)benzylidene)...	300	C21H20N2	006256-22-0	43
5		Coronene, 1,2-dihydro-	302	C24H14	107716-56-3	41



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
 Data File : BF083425.D
 Acq On : 2 Dec 2015 18:45
 Operator : UM/IZ
 Sample : G4584-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(6-11)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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...	4.66	33.4	ng	1626050	1	6.54	974301	20.0
unknown6.32	6.32	115.9	ng	5644060	1	6.54	974301	20.0
Benzene, 1,2,3-tr...	6.36	11.2	ng	545906	1	6.54	974301	20.0
Benzene, 1-propynyl-	6.80	7.2	ng	352155	1	6.54	974301	20.0
Benzene, 1-methyl...	6.88	6.3	ng	304558	1	6.54	974301	20.0
Heptylcyclohexane	8.75	6.2	ng	595665	3	9.57	1922900	20.0
Naphthalene, 1-et...	9.09	23.3	ng	2243310	3	9.57	1922900	20.0
Naphthalene, 2,6-...	9.16	13.6	ng	1307640	3	9.57	1922900	20.0
Naphthalene, 2,3-...	9.24	16.6	ng	1590990	3	9.57	1922900	20.0
Benzaldehyde, 2,4...	10.03	8.8	ng	843457	3	9.57	1922900	20.0
unknown10.20	10.20	6.8	ng	652284	3	9.57	1922900	20.0
Heptacosane	10.25	16.6	ng	1597970	3	9.57	1922900	20.0
11H-Indeno[2,1-a]...	17.04	6.1	ng	281287	6	16.80	918900	20.0
3,4-Dibromobenzal...	17.37	6.3	ng	288389	6	16.80	918900	20.0
Dibenzo[def,mno]c...	18.74	7.9	ng	364713	6	16.80	918900	20.0
Coronene	21.40	7.3	ng	333766	6	16.80	918900	20.0