

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
 Data File : BF083446.D
 Acq On : 3 Dec 2015 6:22
 Operator : UM/IZ
 Sample : G4583-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-08(0-8)

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	4.647	257	259	268	rVB	673323	1211131	6.17%	0.476%
2	4.921	280	283	286	rBV	876948	950975	4.85%	0.374%
3	5.127	299	301	309	rBV	3722671	4279273	21.81%	1.681%
4	6.213	394	396	400	rVV	4298927	4658216	23.74%	1.830%
5	6.316	403	405	407	rVV	4103750	4318005	22.00%	1.696%
6	6.362	407	409	413	rVB2	624856	850437	4.33%	0.334%
7	6.533	423	424	426	rBV	692888	863062	4.40%	0.339%
8	6.693	436	438	439	rBV	3040564	3233982	16.48%	1.270%
9	6.716	439	440	443	rVB	2122060	2715482	13.84%	1.067%
10	6.807	445	448	449	rBV	471979	681230	3.47%	0.268%
11	7.116	465	475	477	rBV2	2921757	4501144	22.94%	1.768%
12	7.207	478	483	485	rVB4	253755	670803	3.42%	0.263%
13	7.356	494	496	498	rVB	892530	949334	4.84%	0.373%
14	7.470	503	506	508	rBV2	696409	1075541	5.48%	0.422%
15	7.573	513	515	517	rBV3	671444	893501	4.55%	0.351%
16	7.619	517	519	521	rVB2	607153	938805	4.78%	0.369%
17	7.653	521	522	525	rVB3	527464	709591	3.62%	0.279%
18	7.733	525	529	533	rBV6	365845	892456	4.55%	0.351%
19	7.870	535	541	543	rBV	10783142	19624911	100.00%	7.708%
20	7.916	543	545	548	rVB2	1621626	1957861	9.98%	0.769%
21	8.007	551	553	554	rBV2	393134	595938	3.04%	0.234%
22	8.042	554	556	558	rVB2	552368	727178	3.71%	0.286%
23	8.133	558	564	565	rBV3	781350	1704754	8.69%	0.670%
24	8.202	568	570	571	rBV	695038	634846	3.23%	0.249%
25	8.236	571	573	574	rVB	598166	661609	3.37%	0.260%
26	8.282	574	577	580	rBV	3288167	4039169	20.58%	1.586%
27	8.339	580	582	584	rVB2	665775	653697	3.33%	0.257%
28	8.385	584	586	587	rBV2	874872	951103	4.85%	0.374%
29	8.442	590	591	593	rBV2	441584	776519	3.96%	0.305%
30	8.545	598	600	602	rVB	4650668	5141029	26.20%	2.019%
31	8.579	602	603	605	rBV2	328021	578960	2.95%	0.227%
32	8.647	606	609	612	rVB	3799061	4623601	23.56%	1.816%
33	8.750	613	618	620	rBV3	1104768	2311072	11.78%	0.908%
34	8.819	622	624	626	rBV3	604128	668743	3.41%	0.263%

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35	8.876	626	629	631	rBV	2912330	4437343	22.61%	1.743%
36	8.910	631	632	635	rVB	3646657	3252573	16.57%	1.277%
37	9.013	638	641	643	rBV3	1897114	3759332	19.16%	1.477%
38	9.105	646	649	653	rVB	1599988	2493903	12.71%	0.980%
39	9.173	653	655	657	rBV	1242147	2078236	10.59%	0.816%
40	9.242	660	661	664	rVV2	1273799	2635928	13.43%	1.035%
41	9.333	666	669	675	rVB4	3611161	6250995	31.85%	2.455%
42	9.436	677	678	680	rVB	2013646	2215617	11.29%	0.870%
43	9.573	688	690	692	rBV3	1295085	2267738	11.56%	0.891%
44	9.619	692	694	696	rVB	5562924	5562790	28.35%	2.185%
45	9.688	698	700	704	rVB2	632564	1111817	5.67%	0.437%
46	9.802	708	710	714	rVB3	1056188	1894066	9.65%	0.744%
47	9.859	714	715	717	rVB	1807027	1838144	9.37%	0.722%
48	9.905	717	719	722	rVB4	558155	1228008	6.26%	0.482%
49	9.985	724	726	728	rVV2	1132414	1078225	5.49%	0.423%
50	10.030	728	730	733	rVV3	782448	1673953	8.53%	0.657%
51	10.133	737	739	743	rVV2	1752267	3641683	18.56%	1.430%
52	10.259	747	750	753	rVV	4171381	6659021	33.93%	2.615%
53	10.305	753	754	756	rVV2	672324	726254	3.70%	0.285%
54	10.373	757	760	762	rVB2	2499784	3161896	16.11%	1.242%
55	10.499	769	771	772	rBV	655771	796237	4.06%	0.313%
56	10.545	772	775	777	rVB	5577025	7513019	38.28%	2.951%
57	10.728	789	791	793	rVB3	852197	998509	5.09%	0.392%
58	11.048	817	819	822	rVB	3451500	5279910	26.90%	2.074%
59	11.162	826	829	832	rVV	5108095	8978966	45.75%	3.527%
60	11.219	832	834	836	rVB	3117041	3246549	16.54%	1.275%
61	11.471	854	856	858	rBV2	1418607	1945741	9.91%	0.764%
62	11.733	877	879	881	rBV	620754	814380	4.15%	0.320%
63	11.768	881	882	885	rVB	1198083	1152917	5.87%	0.453%
64	11.825	885	887	889	rBV	474468	642003	3.27%	0.252%
65	11.871	889	891	896	rBV	2323741	3416870	17.41%	1.342%
66	12.122	911	913	920	rVB4	1049793	2529608	12.89%	0.994%
67	12.454	939	942	944	rBV2	599515	1290558	6.58%	0.507%
68	12.499	944	946	950	rVB4	563056	1098341	5.60%	0.431%
69	12.671	957	961	964	rVB	4043934	5859101	29.86%	2.301%
70	12.796	969	972	975	rVB	1310679	1999985	10.19%	0.786%
71	12.991	985	989	992	rVB	4985697	8301622	42.30%	3.261%

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72	13.208	1006	1008	1011	rVB	1766332	2819482	14.37%	1.107%
73	13.299	1013	1016	1021	rVB3	479310	1132216	5.77%	0.445%
74	13.448	1027	1029	1033	rVB	1002866	1774972	9.04%	0.697%
75	13.551	1036	1038	1040	rVB	844756	1048734	5.34%	0.412%
76	13.597	1040	1042	1045	rBV	733772	961317	4.90%	0.378%
77	13.734	1051	1054	1056	rVB	731665	1186544	6.05%	0.466%
78	13.779	1056	1058	1062	rVB	546758	881725	4.49%	0.346%
79	14.351	1106	1108	1110	rBV3	387362	651836	3.32%	0.256%
80	14.408	1110	1113	1114	rVV	515435	931146	4.74%	0.366%
81	14.431	1114	1115	1117	rVB	857819	913057	4.65%	0.359%
82	14.739	1138	1142	1144	rBV3	2709918	6131161	31.24%	2.408%
83	14.797	1144	1147	1149	rVB	2579664	4028976	20.53%	1.582%
84	14.968	1159	1162	1165	rVB	983226	1560609	7.95%	0.613%
85	15.357	1192	1196	1199	rVV	654665	1178870	6.01%	0.463%
86	16.317	1275	1280	1285	rBV	2513022	7736959	39.42%	3.039%
87	16.442	1288	1291	1294	rVB	915341	1317439	6.71%	0.517%
88	16.683	1308	1312	1314	rVB	2196212	3784801	19.29%	1.487%
89	16.763	1314	1319	1322	rBV2	3171977	6540280	33.33%	2.569%
90	16.820	1322	1324	1326	rBV	654668	1040532	5.30%	0.409%
91	16.854	1326	1327	1329	rVB	661286	643133	3.28%	0.253%
92	17.071	1338	1346	1350	rBV3	283304	1477333	7.53%	0.580%
93	17.391	1370	1374	1379	rVB2	644425	1334957	6.80%	0.524%
94	18.054	1428	1432	1434	rBV2	411745	957213	4.88%	0.376%
95	18.214	1441	1446	1449	rBV	1664018	3351969	17.08%	1.317%
96	18.591	1474	1479	1483	rVB	1544085	3433027	17.49%	1.348%
97	18.774	1492	1495	1500	rVB	371295	696005	3.55%	0.273%
98	19.574	1560	1565	1575	rVB3	165970	747782	3.81%	0.294%
99	20.466	1637	1643	1649	rBV	356167	1124319	5.73%	0.442%
100	21.472	1727	1731	1739	rVV	368001	1345788	6.86%	0.529%

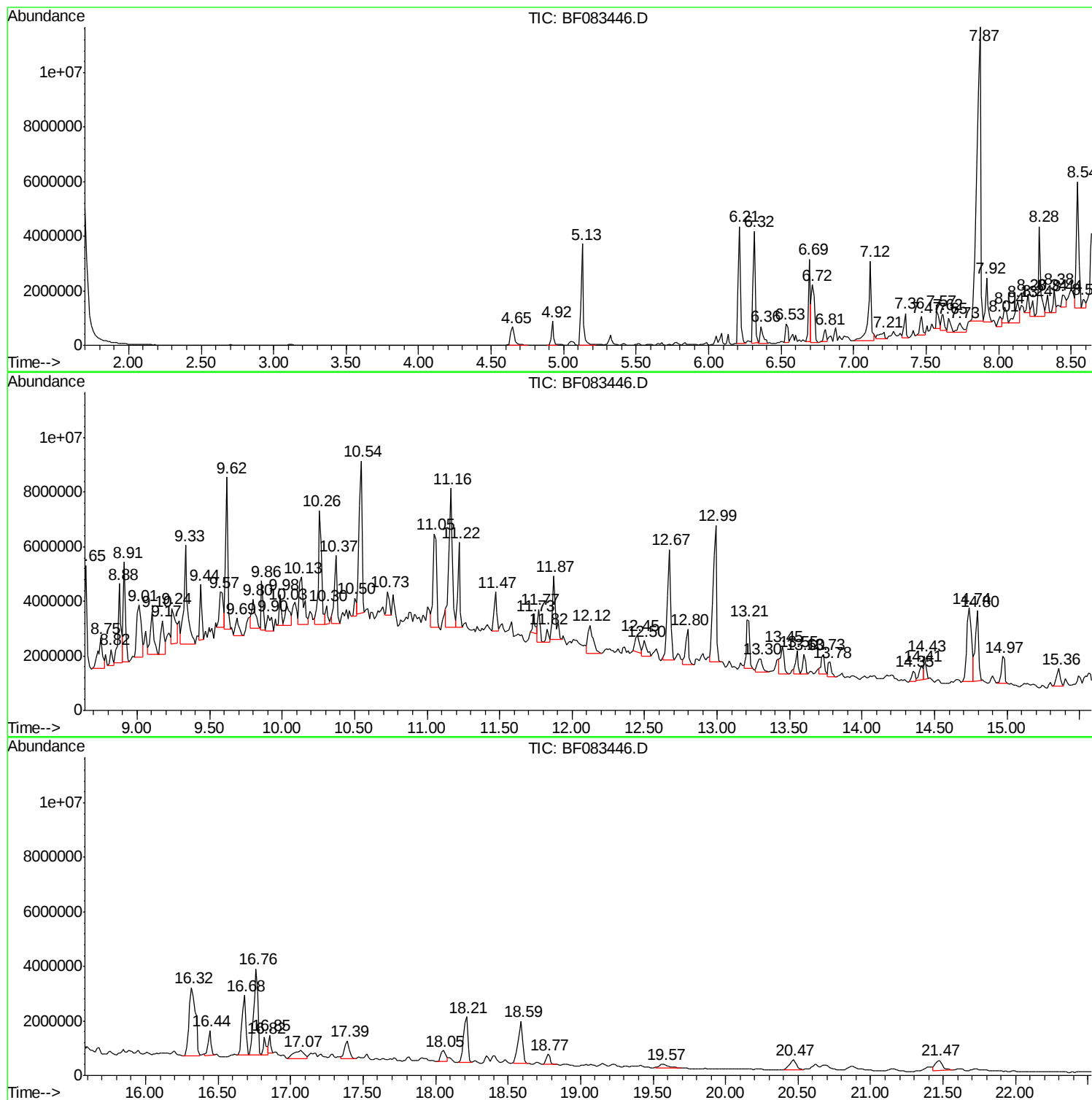
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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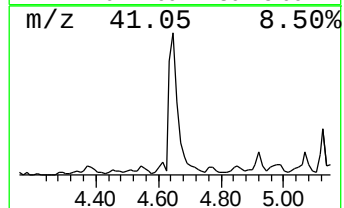
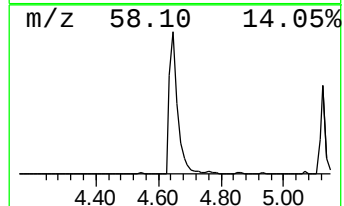
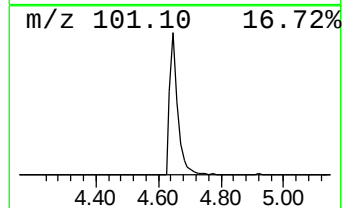
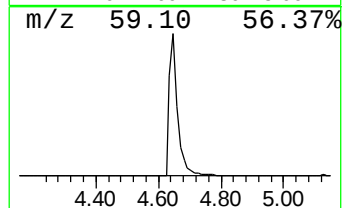
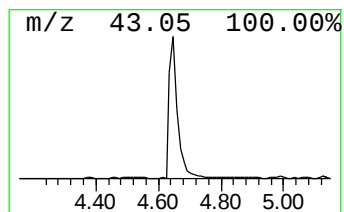
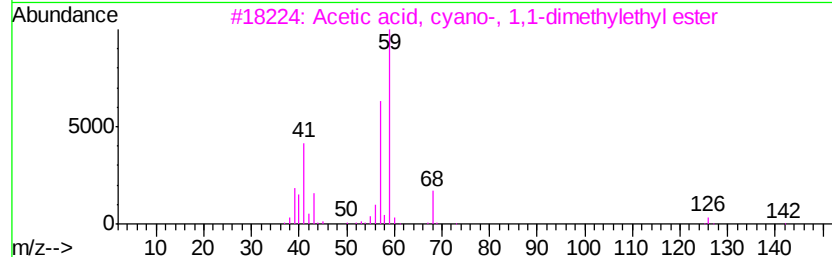
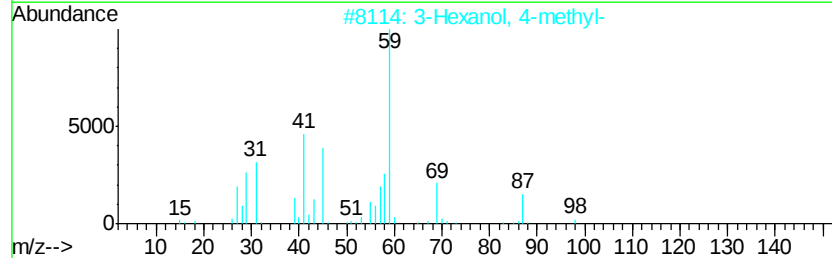
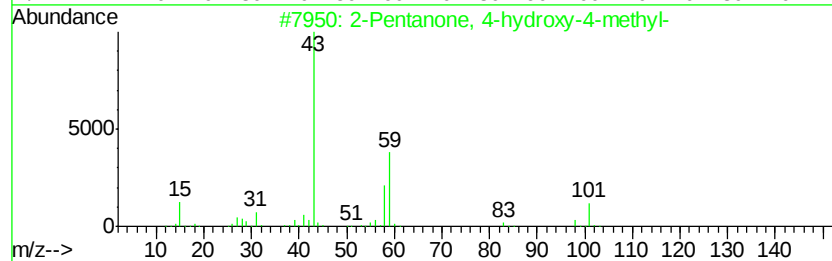
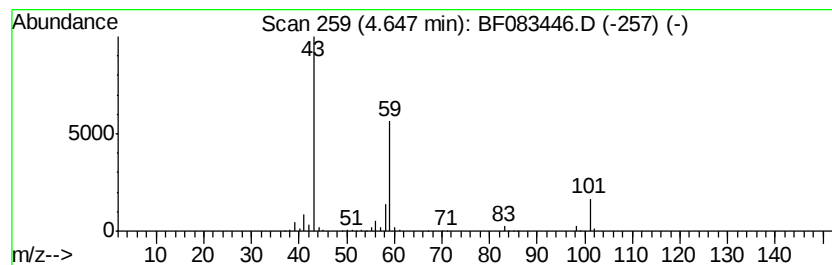
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.65	28.07 ng	1211130	1,4-Dichlorobenzene-d4	6.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9



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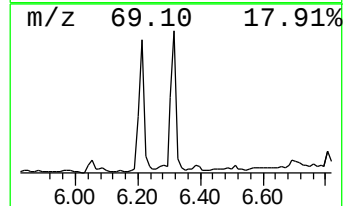
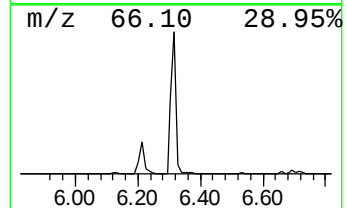
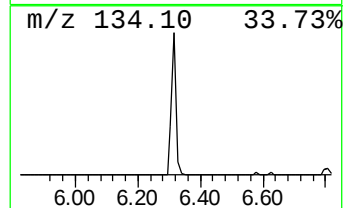
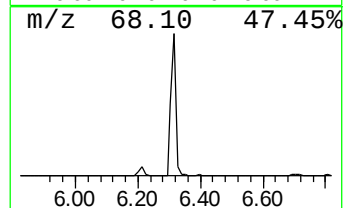
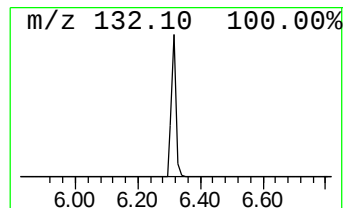
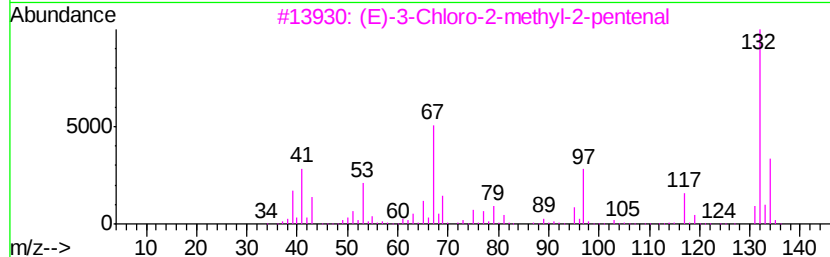
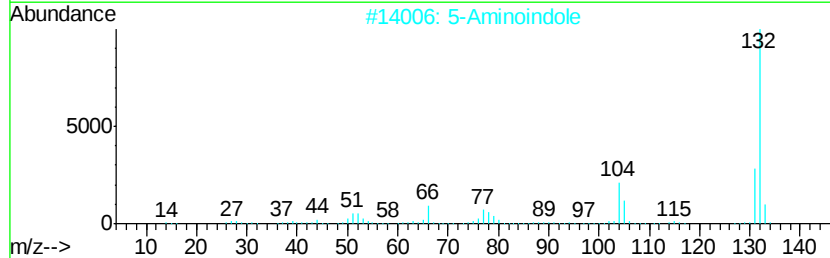
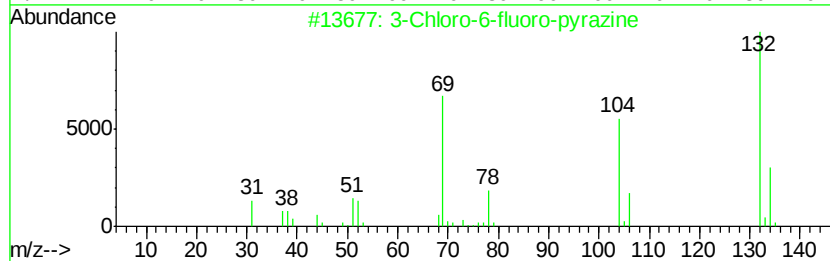
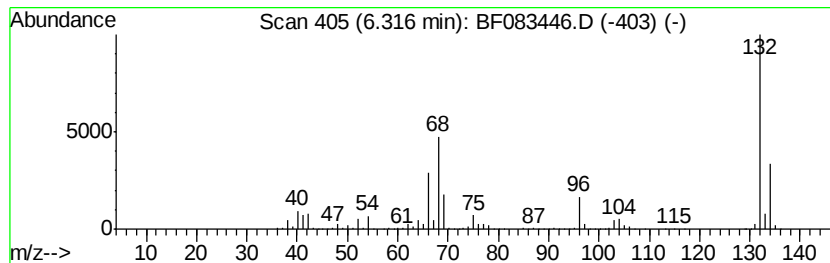
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	100.06 ng	4318010	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-Aminoindole	132	C8H8N2	005192-03-0	12
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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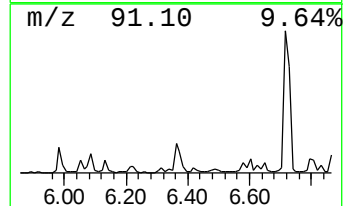
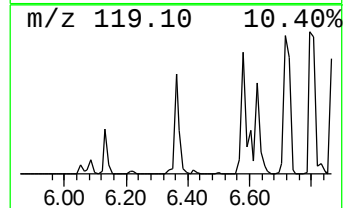
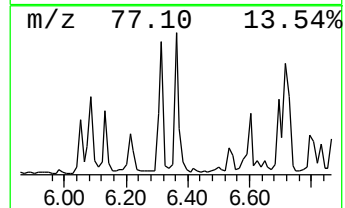
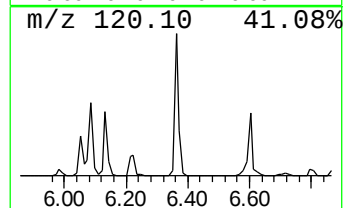
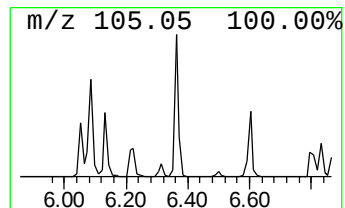
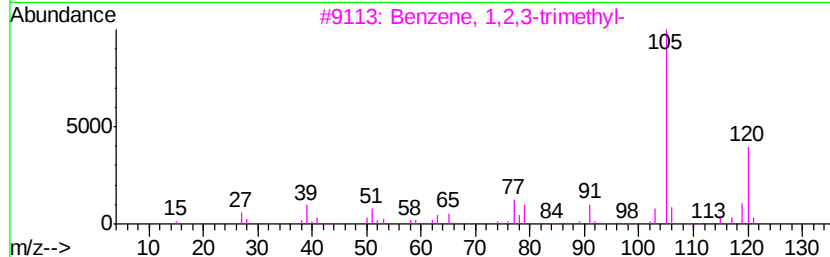
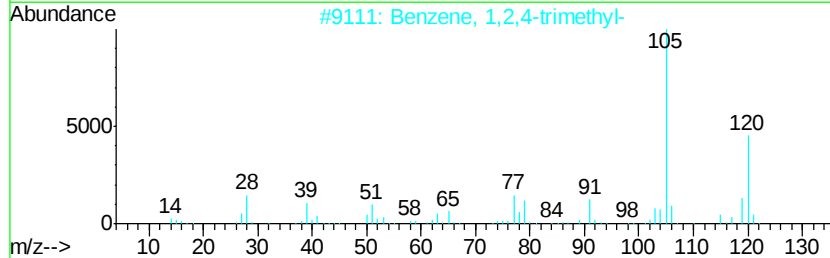
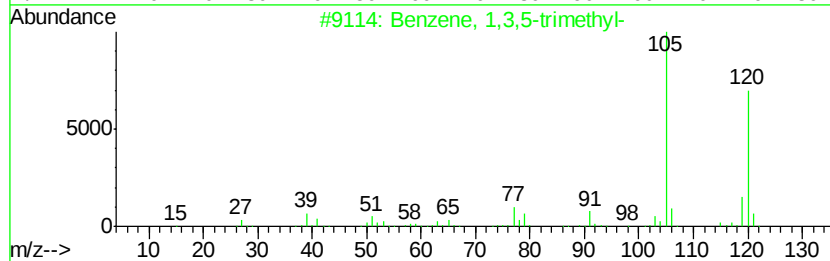
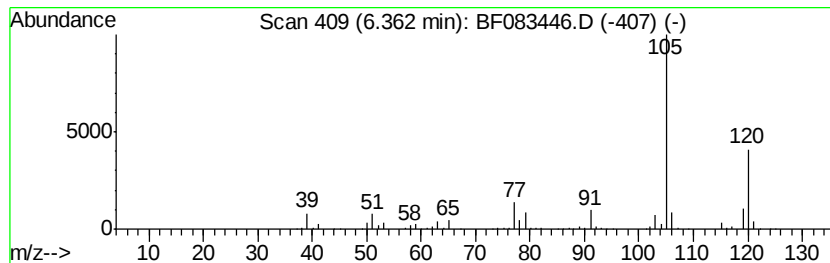
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,3,5-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	19.71 ng	850437	1,4-Dichlorobenzene-d4	6.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083446.D
Acq On : 3 Dec 2015 6:22
Operator : UM/IZ
Sample : G4583-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-08(0-8)

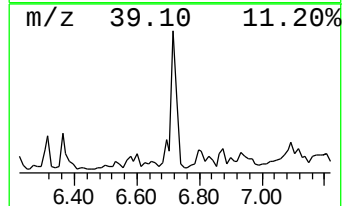
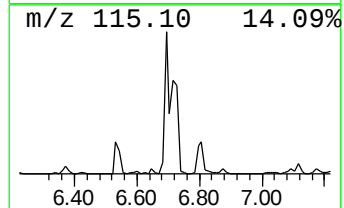
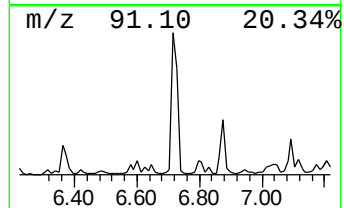
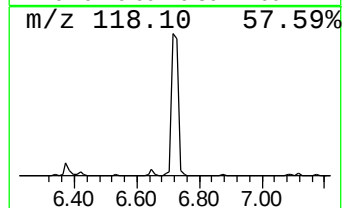
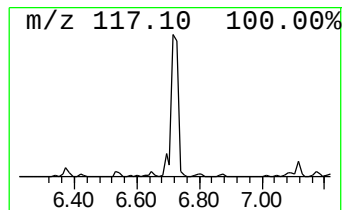
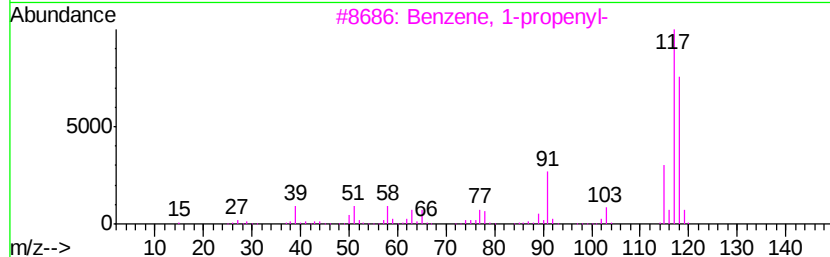
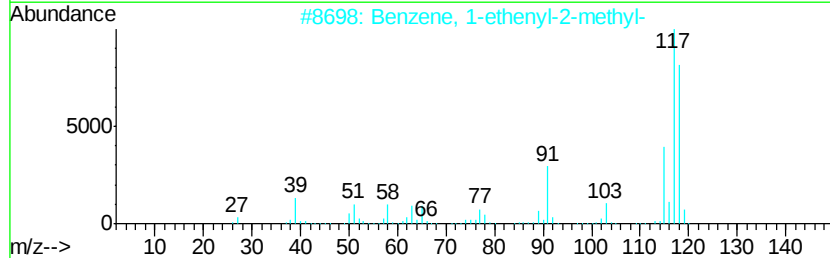
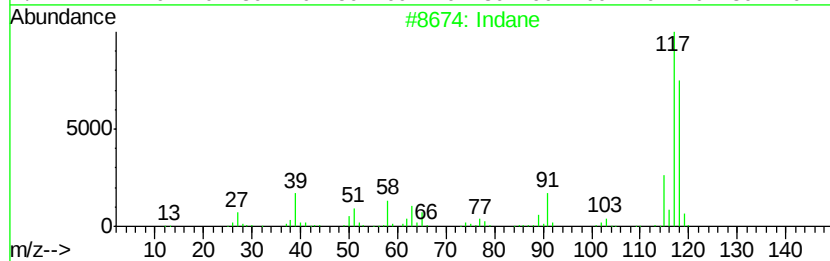
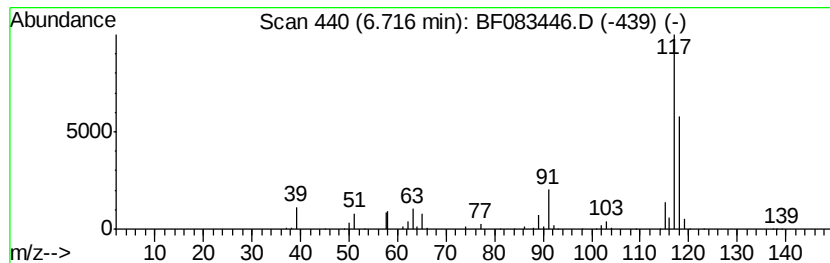
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	62.93 ng	2715480	1,4-Dichlorobenzene-d4	6.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	97
2		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	83
3		Benzene, 1-propenyl-	118	C9H10	000637-50-3	81
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5		Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
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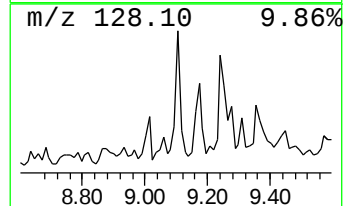
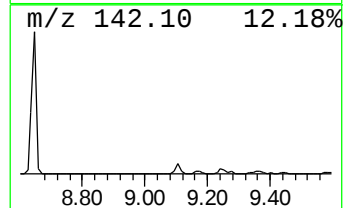
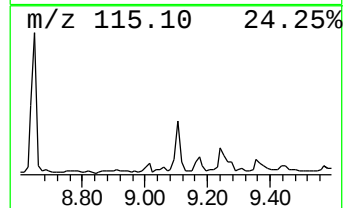
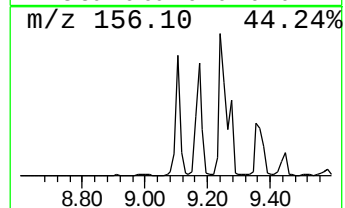
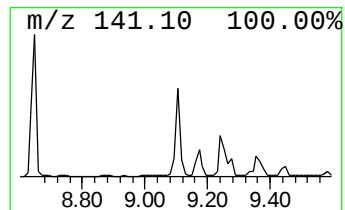
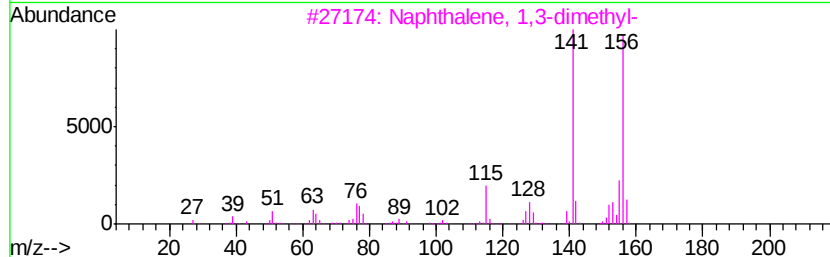
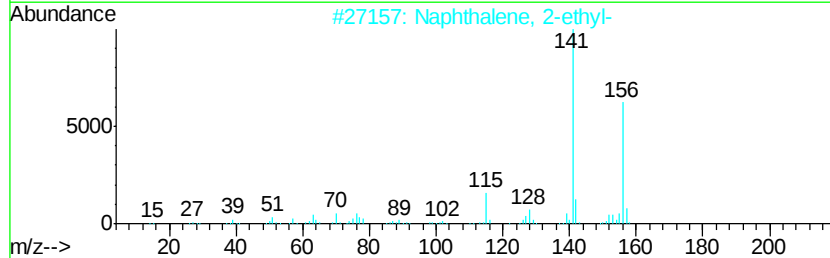
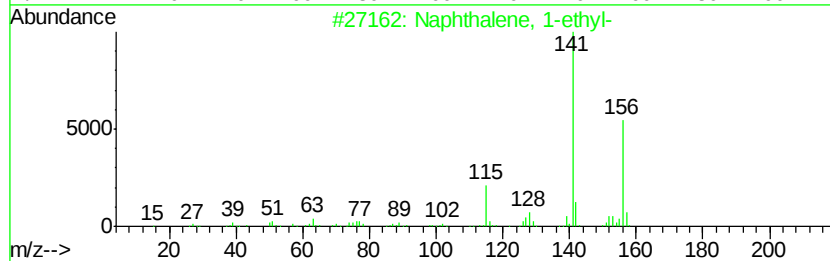
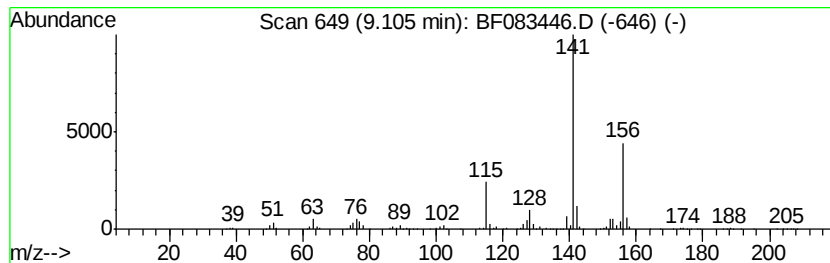
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	21.99 ng	2493900	Acenaphthene-d10	9.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90
4		2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
5		Naphthalene, 1-propyl-	170	C13H14	002765-18-6	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083446.D
Acq On : 3 Dec 2015 6:22
Operator : UM/IZ
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Misc :
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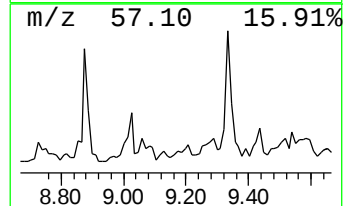
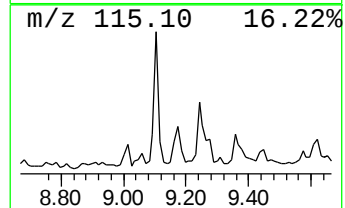
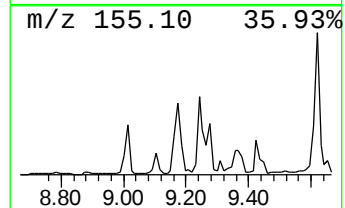
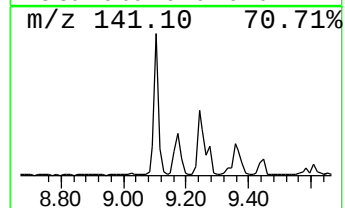
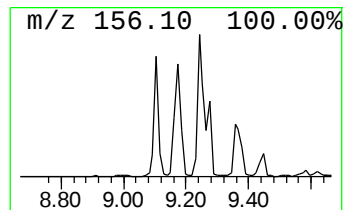
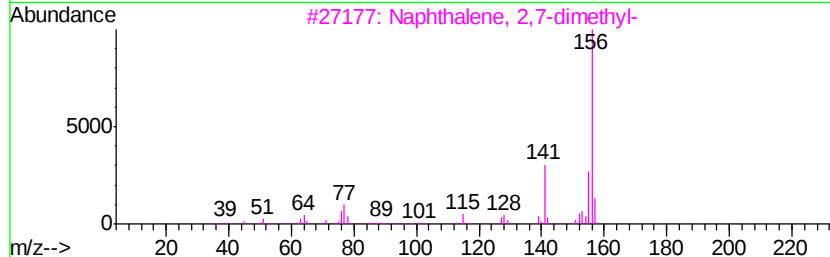
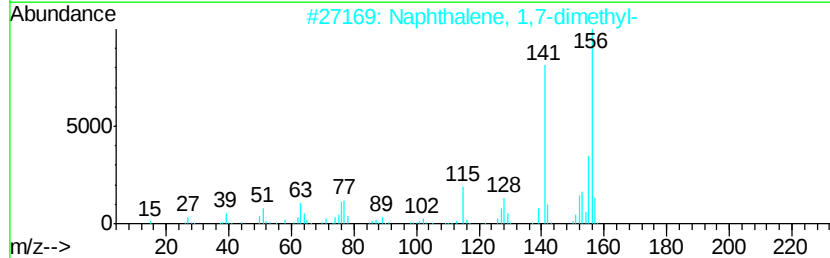
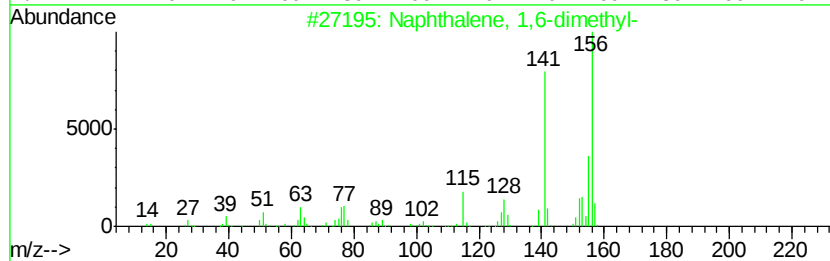
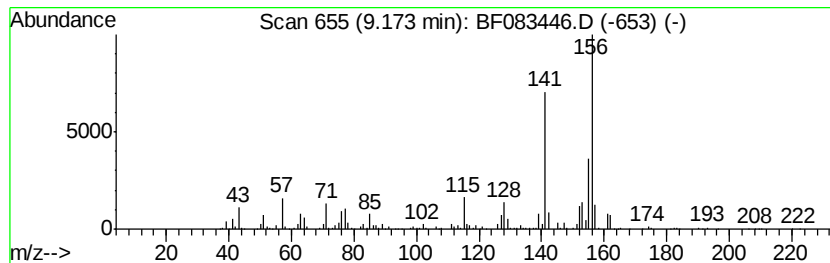
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	18.33 ng	2078240	Acenaphthene-d10	9.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083446.D
Acq On : 3 Dec 2015 6:22
Operator : UM/IZ
Sample : G4583-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-P3WC-08(0-8)

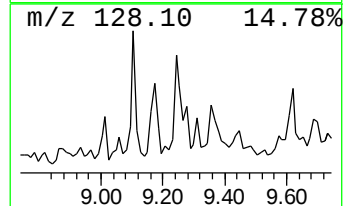
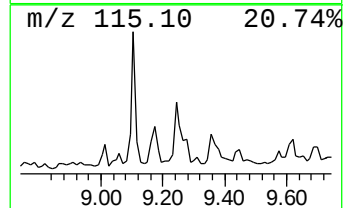
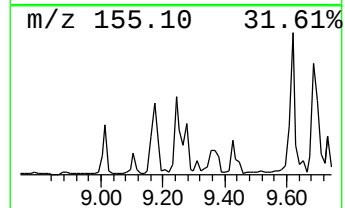
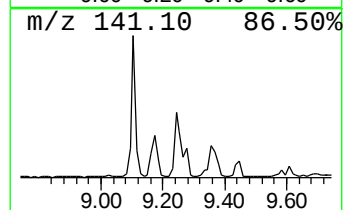
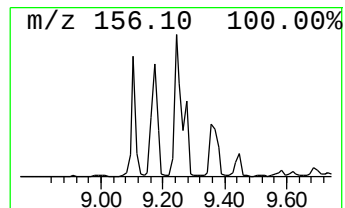
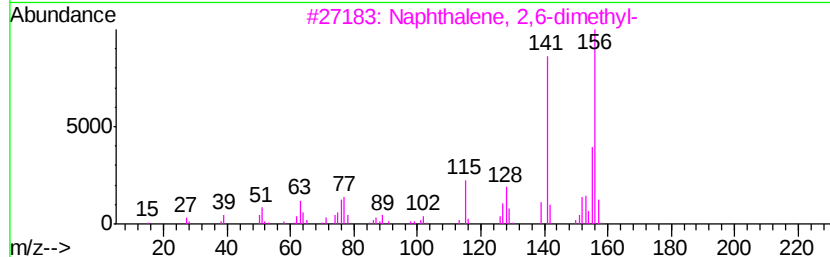
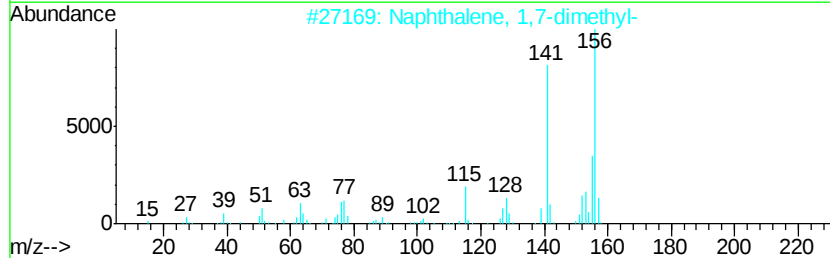
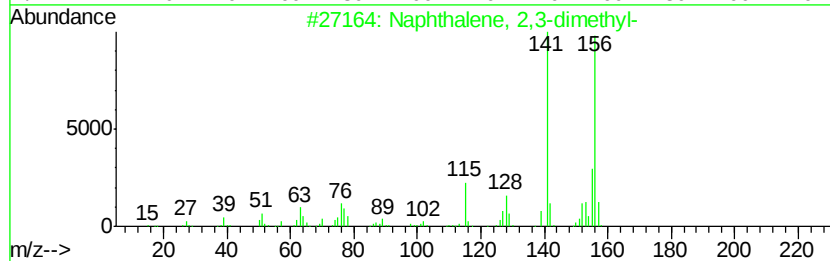
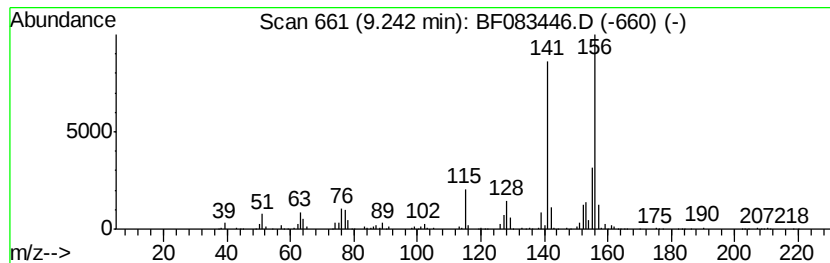
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	23.25 ng	2635930	Acenaphthene-d10	9.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083446.D
Acq On : 3 Dec 2015 6:22
Operator : UM/IZ
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Instrument :
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ClientSampleId :
SB-P3WC-08(0-8)

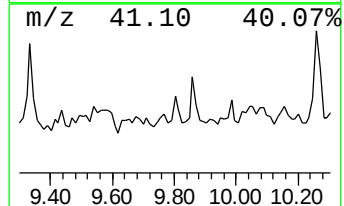
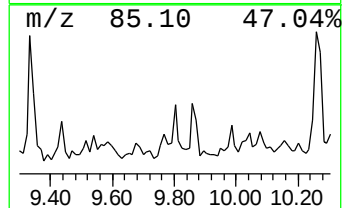
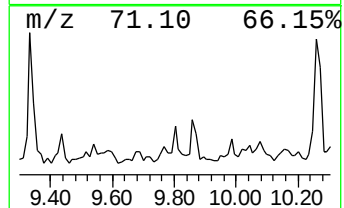
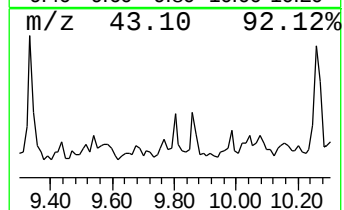
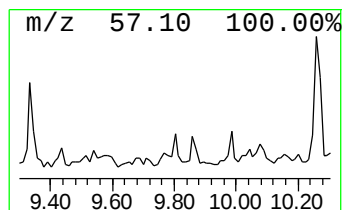
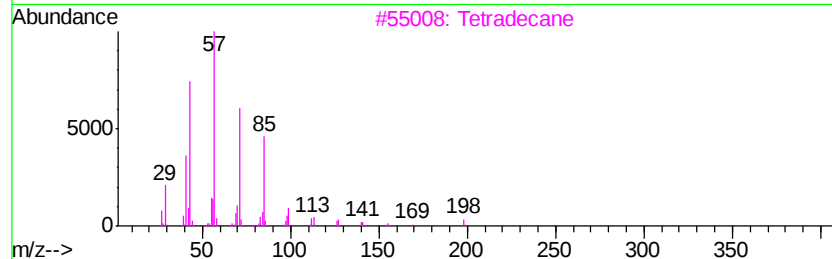
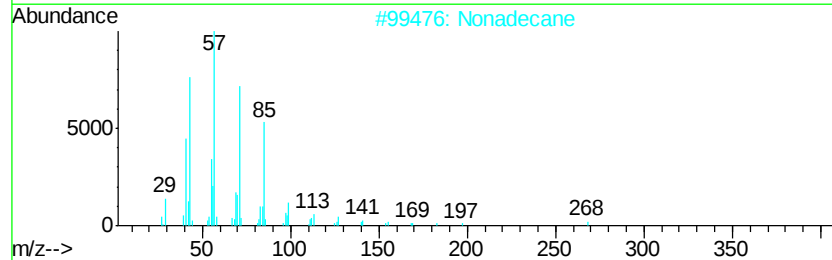
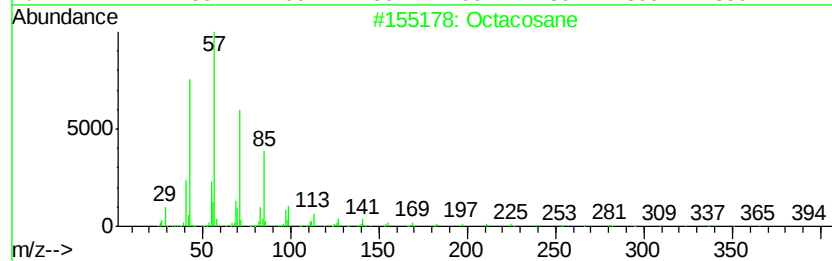
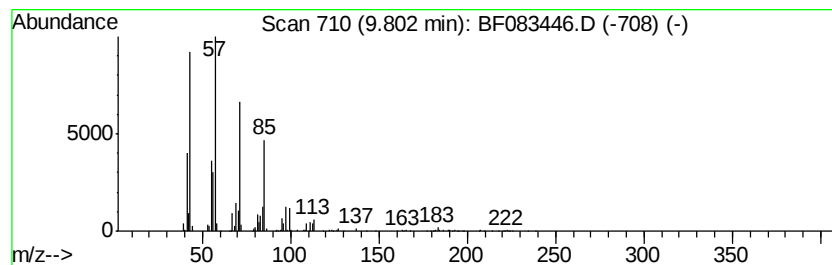
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	16.70 ng	1894070	Acenaphthene-d10	9.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	80
2		Nonadecane	268	C19H40	000629-92-5	80
3		Tetradecane	198	C14H30	000629-59-4	72
4		Eicosane	282	C20H42	000112-95-8	72
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
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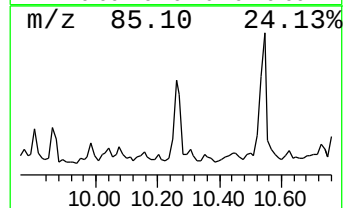
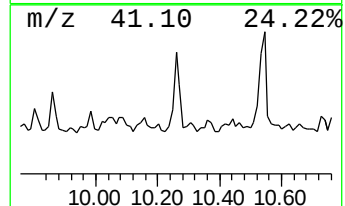
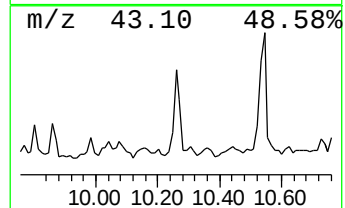
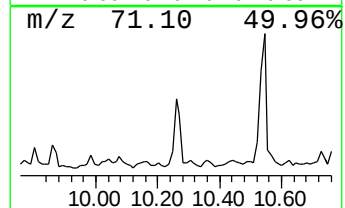
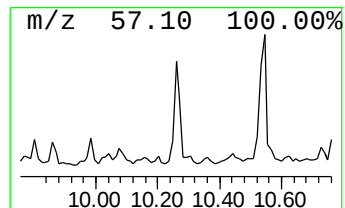
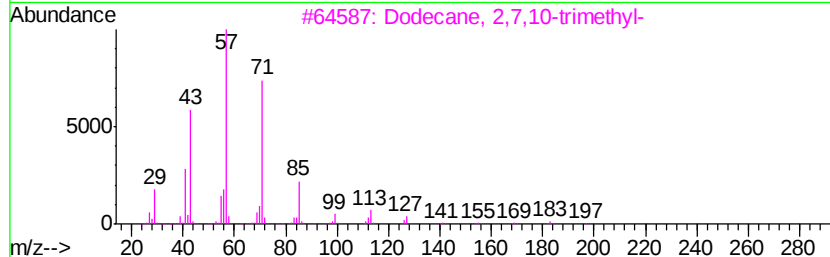
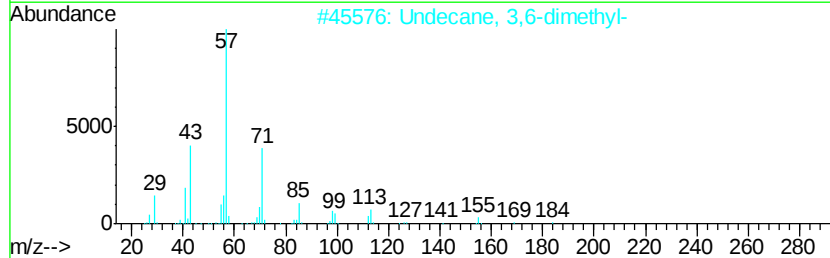
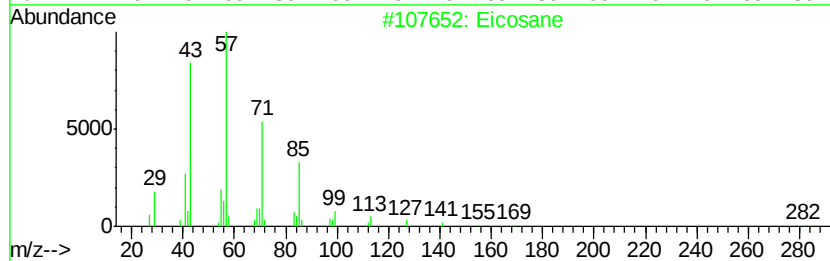
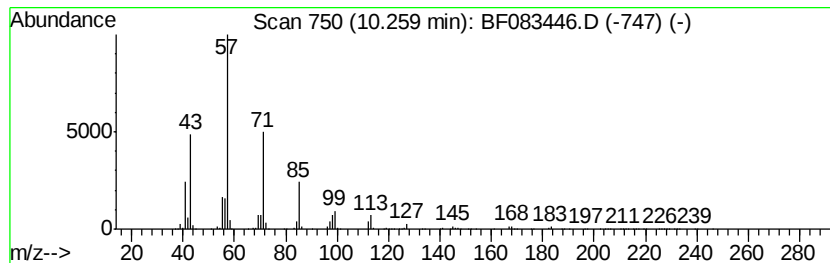
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	58.73 ng	6659020	Acenaphthene-d10	9.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane		282 C20H42	000112-95-8 83
2	Undecane, 3,6-dimethyl-		184 C13H28	017301-28-9 72
3	Dodecane, 2,7,10-trimethyl-		212 C15H32	074645-98-0 72
4	Tetracosane		338 C24H50	000646-31-1 72
5	Tridecane		184 C13H28	000629-50-5 64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083446.D
Acq On : 3 Dec 2015 6:22
Operator : UM/IZ
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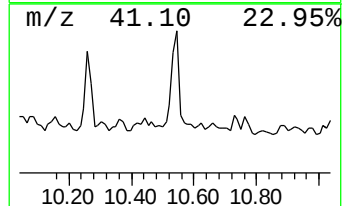
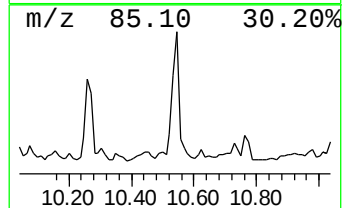
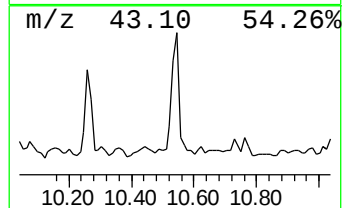
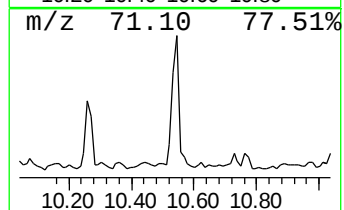
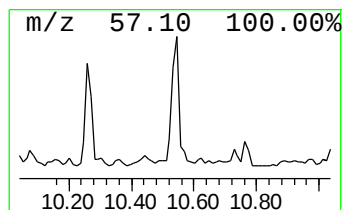
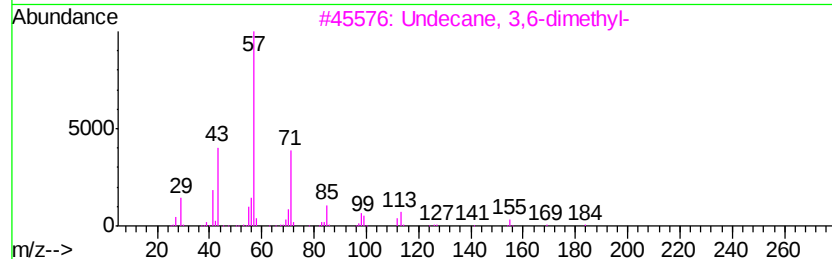
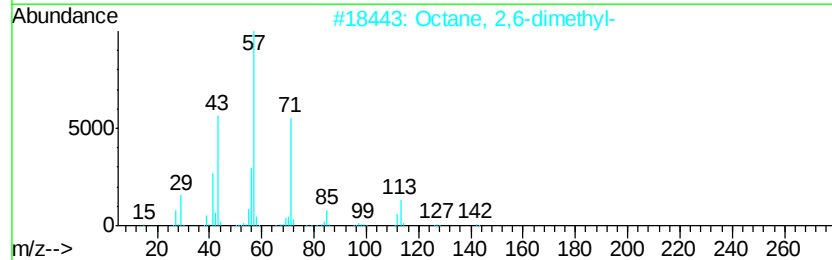
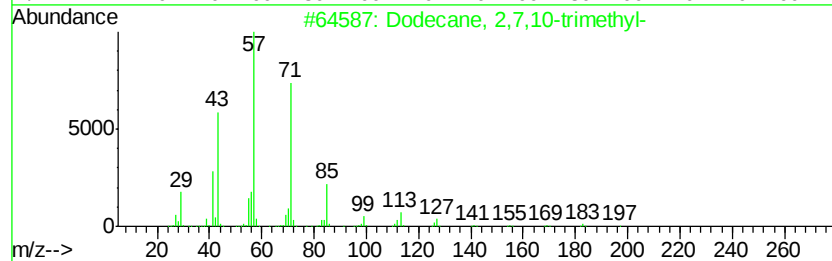
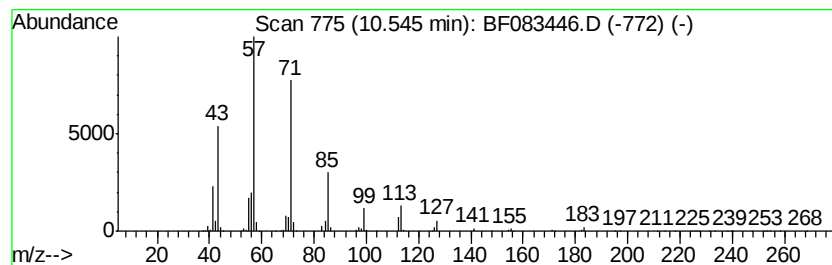
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dodecane, 2,7,10-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	16.73 ng	7513020	Phenanthrene-d10	11.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
3		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	78
4		Undecane, 6-ethyl-	184	C13H28	017312-60-6	72
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083446.D
Acq On : 3 Dec 2015 6:22
Operator : UM/IZ
Sample : G4583-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-08(0-8)

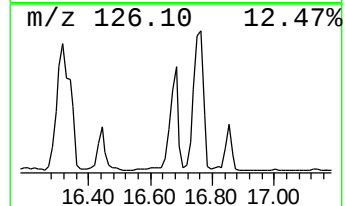
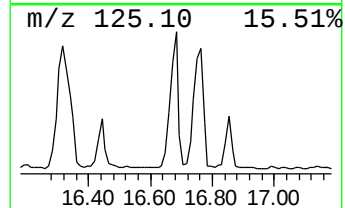
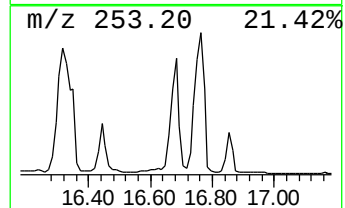
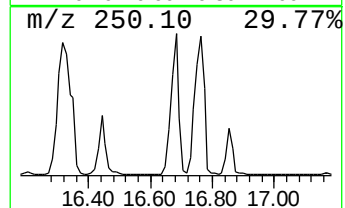
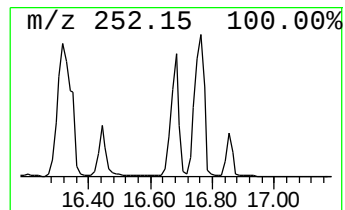
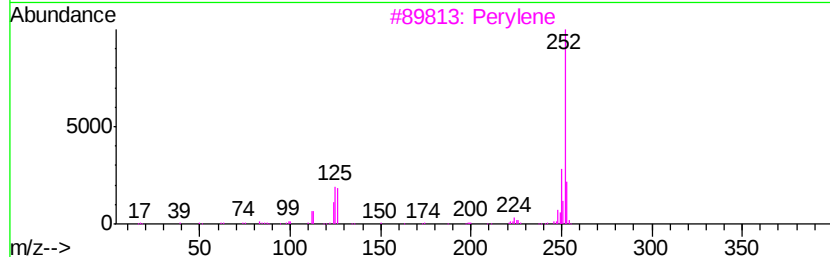
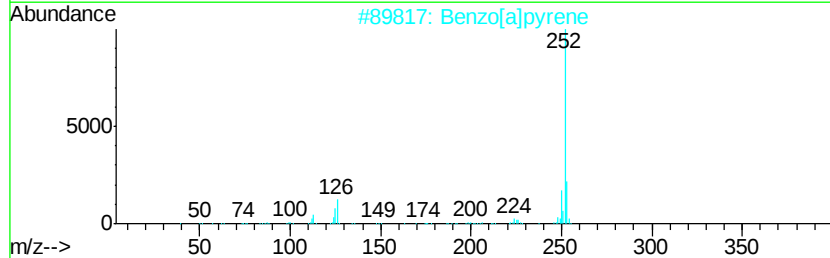
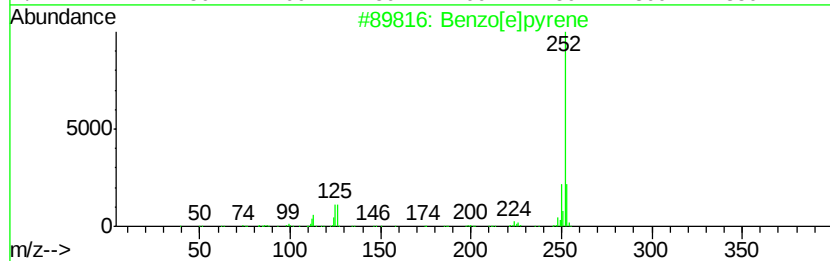
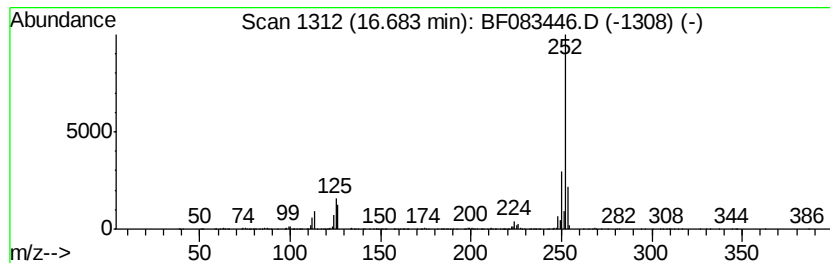
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	72.75 ng	3784800	Perylene-d12	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[a]pyrene	252	C20H12	000050-32-8	93
3		Perylene	252	C20H12	000198-55-0	93
4		Benzo[il]fluoranthene	252	C20H12	000205-82-3	90
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083446.D
Acq On : 3 Dec 2015 6:22
Operator : UM/IZ
Sample : G4583-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-P3WC-08(0-8)

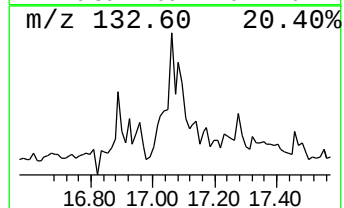
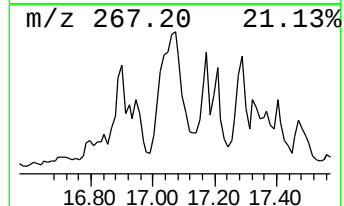
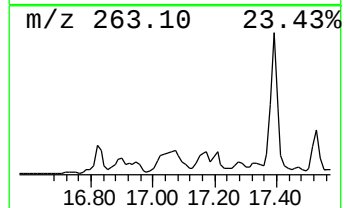
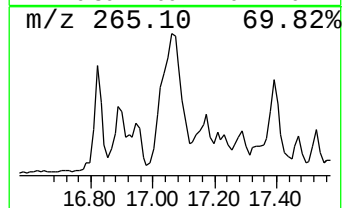
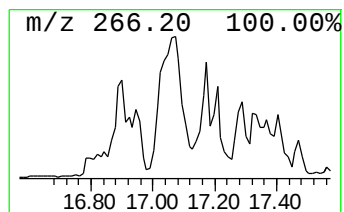
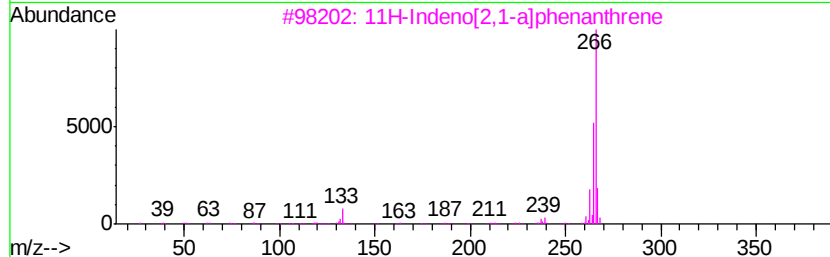
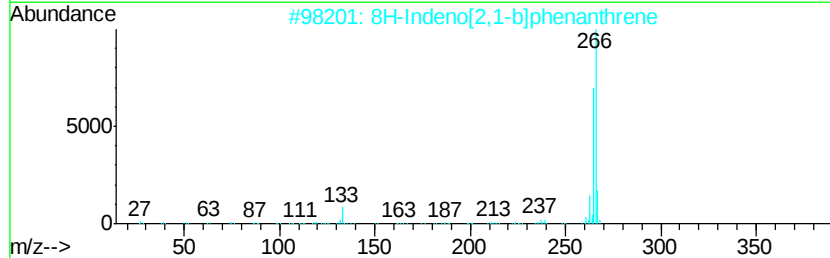
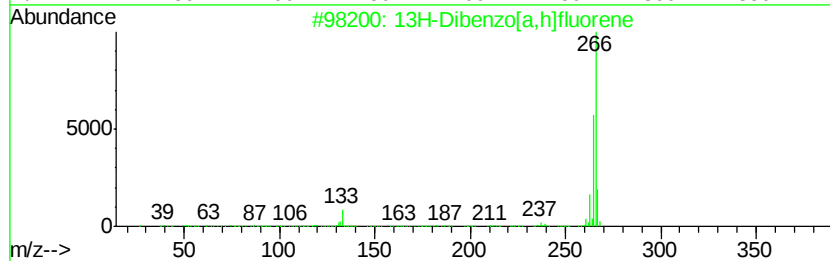
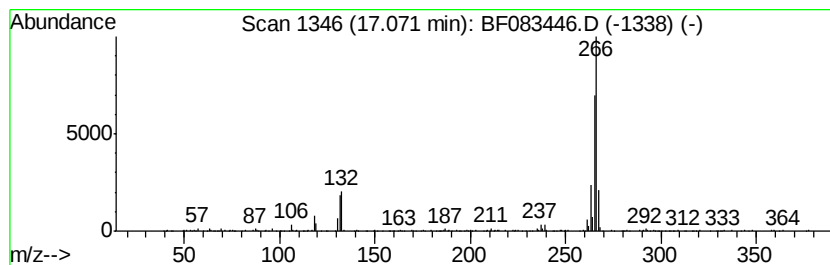
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 13H-Dibenzo[a,h]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.07	28.40 ng	1477330	Perylene-d12	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	95
2		8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	90
3		11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	89
4		1-Methyl-4-oxo-5-phenyl-1,3-dihy...	266	C16H14N2O2	1000286-08-5	52
5		Furazano[3,4-g]benzimidazole, 7-...	266	C14H10N4S	129485-61-6	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083446.D
Acq On : 3 Dec 2015 6:22
Operator : UM/IZ
Sample : G4583-08
Misc :
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Instrument :
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ClientSampleId :
SB-P3WC-08(0-8)

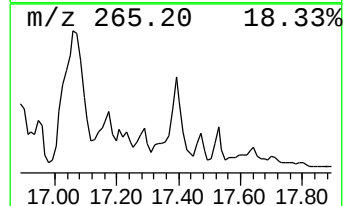
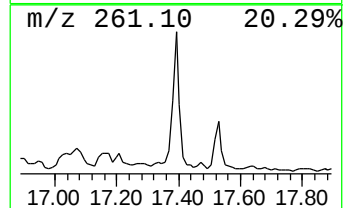
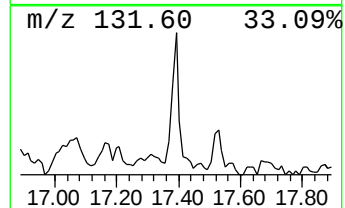
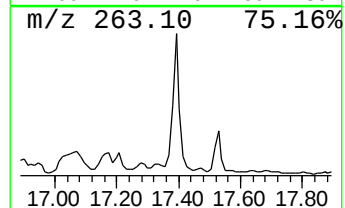
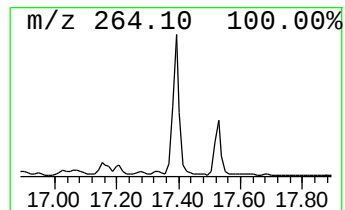
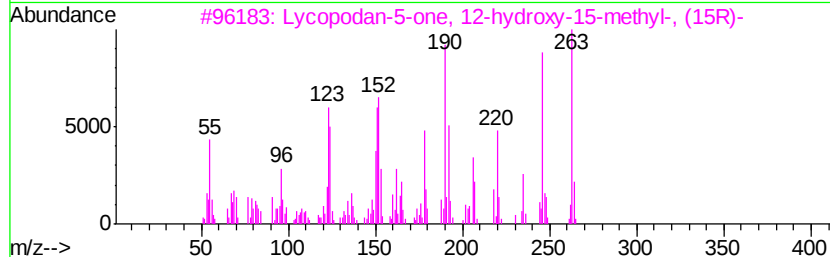
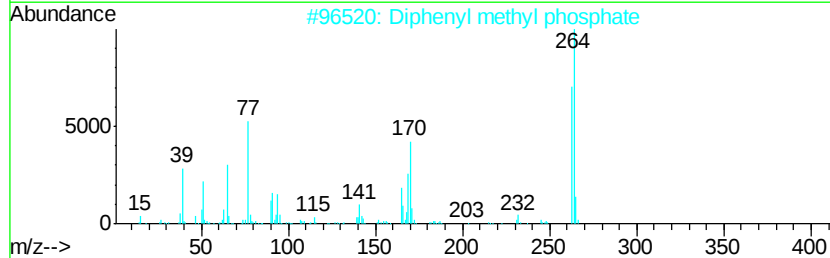
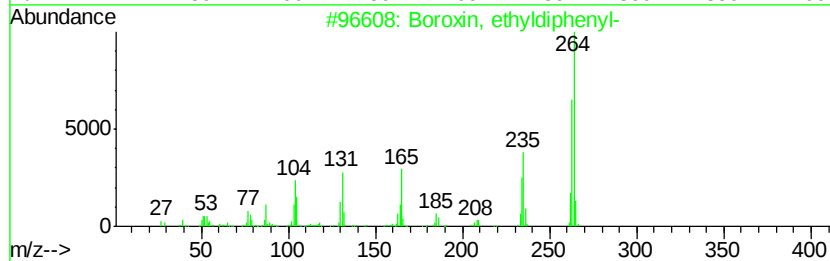
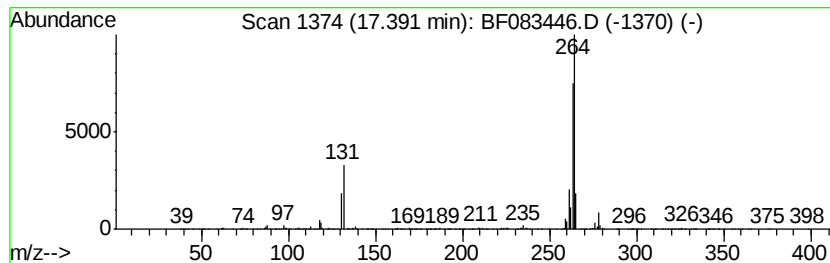
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Boroxin, ethyldiphenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	25.66 ng	1334960	Perylene-d12	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	64
2		Diphenyl methyl phosphate	264	C13H13O4P	000115-89-9	42
3		Lycopodan-5-one, 12-hydroxy-15-methyl-, (15R)-	263	C16H25NO2	006900-92-1	30
4		7,9-Diamino-5,6,8,10-tetraaza-benzene	264	C13H8N6O	052559-29-2	27
5		7-Carbomethoxy-5,8-dimethoxy-1-tetralone	264	C14H16O5	122136-07-6	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
Data File : BF083446.D
Acq On : 3 Dec 2015 6:22
Operator : UM/IZ
Sample : G4583-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-P3WC-08(0-8)

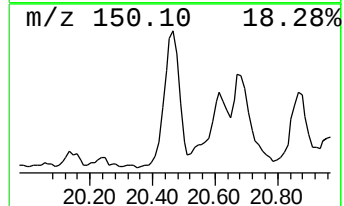
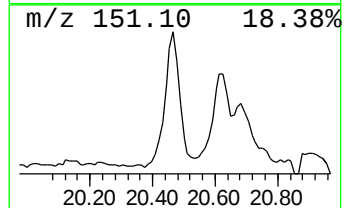
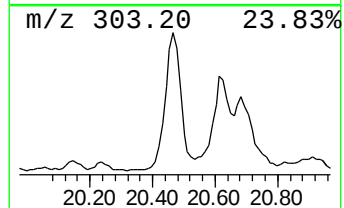
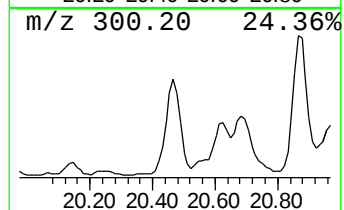
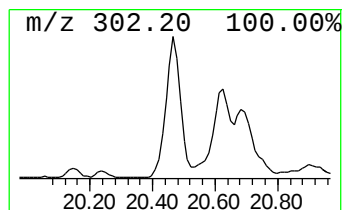
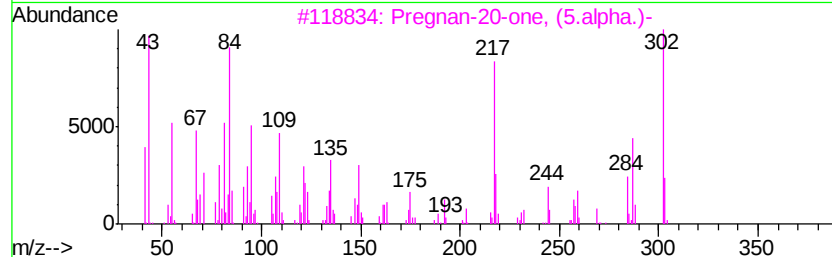
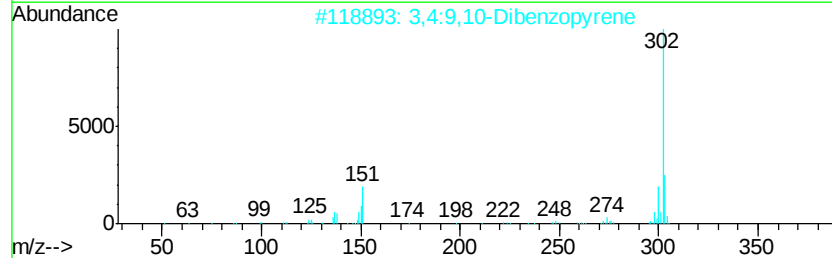
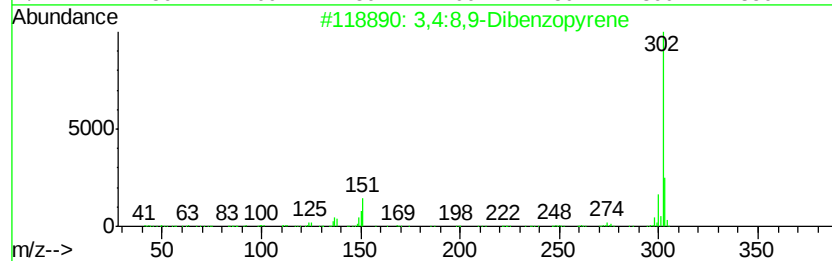
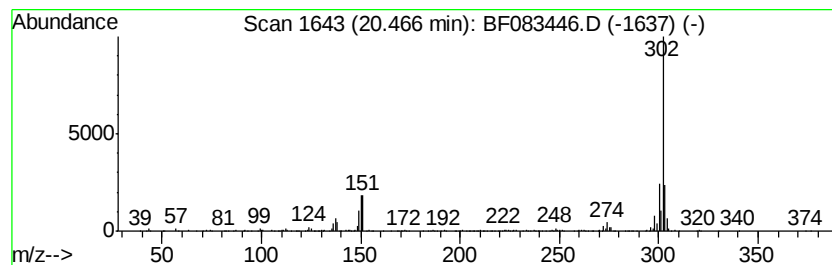
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 3,4:8,9-Dibenzopyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.47	21.61 ng	1124320	Perylene-d12	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	96
2		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	96
3		Pregnan-20-one, (5.alpha.)-	302	C21H34O	000848-62-4	96
4		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	95
5		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083446.D
Acq On : 3 Dec 2015 6:22
Operator : UM/IZ
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Misc :
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ClientSampleId :
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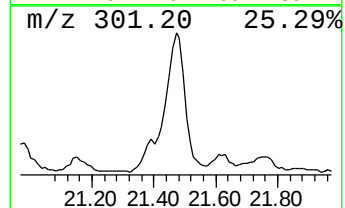
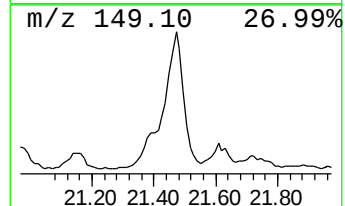
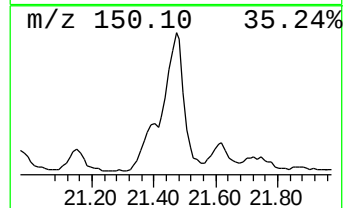
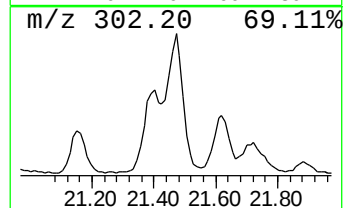
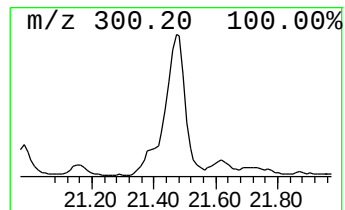
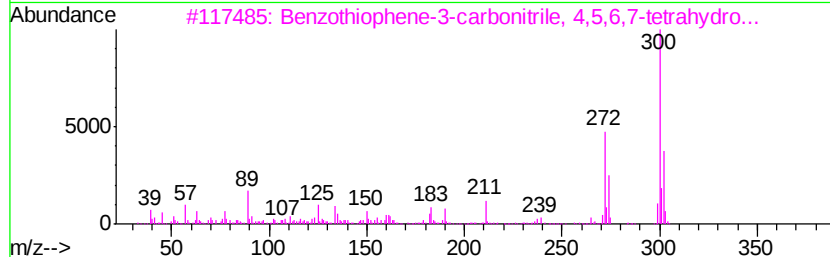
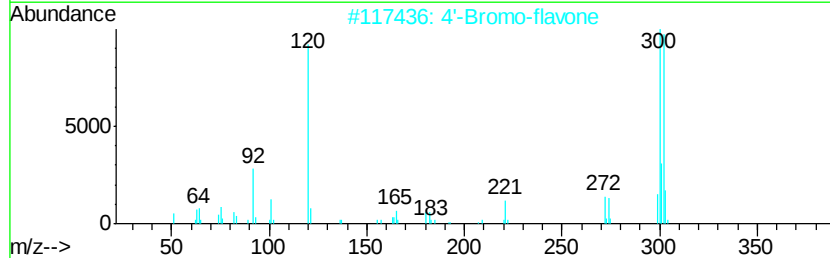
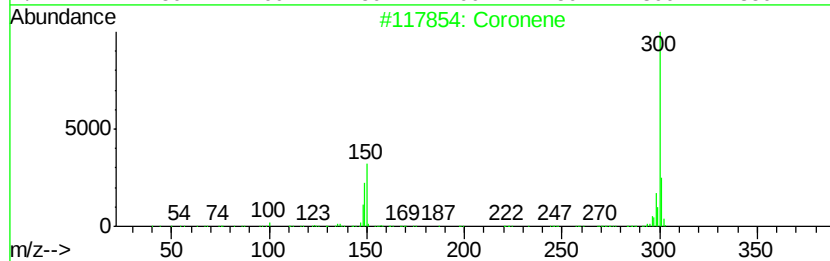
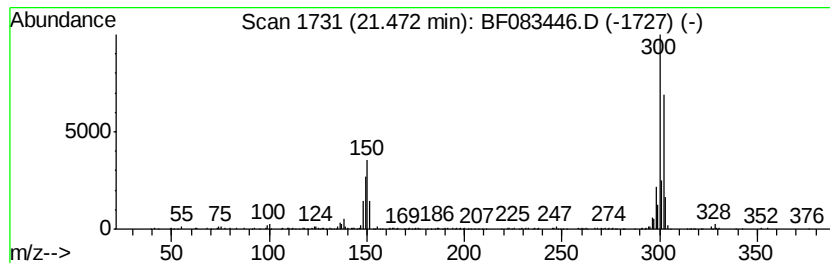
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Coronene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	25.87 ng	1345790	Perylene-d12	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Coronene	300	C24H12	000191-07-1	86
2		4'-Bromo-flavone	300	C15H9BrO2	020525-20-6	58
3		Benzothiophene-3-carbonitrile, 4...	300	C16H13ClN2S	069438-07-9	40
4		Indeno[1,2,3-f]naphthacene	302	C24H14	000203-11-2	35
5		Platinum, (.eta.5-2,4-cyclopenta...	301	C8H10Pt	035770-29-7	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
 Data File : BF083446.D
 Acq On : 3 Dec 2015 6:22
 Operator : UM/IZ
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 ALS Vial : 33 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.65	28.1	ng	1211130	1	6.54	863062	20.0
unknown6.32	6.32	100.1	ng	4318010	1	6.54	863062	20.0
Benzene, 1,3,5-tr...	6.36	19.7	ng	850437	1	6.54	863062	20.0
Indane	6.72	62.9	ng	2715480	1	6.54	863062	20.0
unknown8.75	8.75	20.4	ng	2311070	3	9.58	2267740	20.0
Naphthalene, 1-et...	9.10	22.0	ng	2493900	3	9.58	2267740	20.0
Naphthalene, 1,6-...	9.17	18.3	ng	2078240	3	9.58	2267740	20.0
Naphthalene, 2,3-...	9.24	23.3	ng	2635930	3	9.58	2267740	20.0
Octacosane	9.80	16.7	ng	1894070	3	9.58	2267740	20.0
Eicosane	10.26	58.7	ng	6659020	3	9.58	2267740	20.0
Dodecane, 2,7,10-...	10.54	16.7	ng	7513020	4	11.13	8978970	20.0
Benzo[e]pyrene	16.68	72.8	ng	3784800	6	16.82	1040530	20.0
13H-Dibenzo[a,h]f...	17.07	28.4	ng	1477330	6	16.82	1040530	20.0
Boroxin, ethyldip...	17.39	25.7	ng	1334960	6	16.82	1040530	20.0
3,4:8,9-Dibenzopy...	20.47	21.6	ng	1124320	6	16.82	1040530	20.0
Coronene	21.47	25.9	ng	1345790	6	16.82	1040530	20.0