

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
 Data File : BF083467.D
 Acq On : 3 Dec 2015 18:48
 Operator : UM/IZ
 Sample : G4585-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(0-6)

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	4.636	256	258	270	rVB	787742	1709271	7.17%	0.513%
2	5.116	298	300	303	rBV	4383657	5432090	22.78%	1.631%
3	5.310	314	317	324	rBV	517372	760567	3.19%	0.228%
4	6.202	392	395	398	rBV	4734183	5563479	23.33%	1.670%
5	6.305	401	404	406	rVV	5690647	5935484	24.89%	1.782%
6	6.522	421	423	426	rBV	1019773	1081747	4.54%	0.325%
7	6.682	435	437	440	rBV	3982033	4226762	17.73%	1.269%
8	7.105	471	474	476	rBV	3653974	3851114	16.15%	1.156%
9	7.848	534	539	541	rVV2	4300344	8229131	34.51%	2.471%
10	8.259	573	575	579	rBV2	502056	894391	3.75%	0.269%
11	8.430	588	590	592	rVV	1452922	1604703	6.73%	0.482%
12	8.533	596	599	601	rVB	3455590	3250328	13.63%	0.976%
13	8.625	605	607	610	rVB	2389043	2919649	12.24%	0.877%
14	8.865	624	628	629	rBV	546533	976639	4.10%	0.293%
15	8.899	629	631	634	rVB	5573342	5493846	23.04%	1.649%
16	8.991	637	639	642	rBV	2564231	3660663	15.35%	1.099%
17	9.082	644	647	651	rVB2	388005	939656	3.94%	0.282%
18	9.151	651	653	655	rBV	1063042	1584012	6.64%	0.476%
19	9.231	658	660	661	rVV	1833947	1922645	8.06%	0.577%
20	9.299	664	666	668	rVV2	1426251	2192031	9.19%	0.658%
21	9.345	668	670	674	rVB2	795766	1291827	5.42%	0.388%
22	9.425	674	677	680	rVB	4583021	6315215	26.48%	1.896%
23	9.516	684	685	687	rBV	1667202	2351601	9.86%	0.706%
24	9.562	687	689	690	rVV2	1818860	2034821	8.53%	0.611%
25	9.596	690	692	696	rVB2	1546233	1871040	7.85%	0.562%
26	9.768	703	707	709	rBV2	973480	1489148	6.25%	0.447%
27	9.882	715	717	718	rBV	794706	943217	3.96%	0.283%
28	9.973	722	725	727	rBV2	454148	977479	4.10%	0.293%
29	10.019	727	729	731	rBV2	2776622	2655890	11.14%	0.797%
30	10.111	735	737	740	rVB	4194300	4329628	18.16%	1.300%
31	10.236	745	748	749	rBV2	966223	1232447	5.17%	0.370%
32	10.351	754	758	760	rVV4	3636522	5829438	24.45%	1.750%
33	10.396	760	762	764	rVV3	513388	1175434	4.93%	0.353%
34	10.499	767	771	774	rVV2	2485516	5696096	23.89%	1.710%

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35	10.556	774	776	781	rVV4	589789	2086129	8.75%	0.626%
36	10.671	783	786	787	rVV	1122605	2158712	9.05%	0.648%
37	10.705	787	789	791	rVV2	956862	2016388	8.46%	0.605%
38	10.751	791	793	797	rVV3	737799	2117104	8.88%	0.636%
39	10.831	797	800	801	rVV2	670025	1511241	6.34%	0.454%
40	10.888	804	805	808	rVV	895504	1295388	5.43%	0.389%
41	10.945	808	810	811	rVV	417871	806736	3.38%	0.242%
42	10.979	811	813	816	rVV2	2285649	4298414	18.03%	1.291%
43	11.025	816	817	820	rVV	736994	1024951	4.30%	0.308%
44	11.162	821	829	830	rVV	9284743	23844779	100.00%	7.159%
45	11.208	830	833	834	rVV	4647709	6757869	28.34%	2.029%
46	11.242	834	836	837	rVV	598975	1019880	4.28%	0.306%
47	11.276	837	839	844	rVV5	423922	1672930	7.02%	0.502%
48	11.459	852	855	856	rVV	1130561	1712645	7.18%	0.514%
49	11.494	856	858	863	rVV2	1750283	3003216	12.59%	0.902%
50	11.596	865	867	870	rVV	993590	1492044	6.26%	0.448%
51	11.711	874	877	878	rVV	2491535	3236396	13.57%	0.972%
52	11.745	878	880	883	rVV	3070543	3670755	15.39%	1.102%
53	11.802	883	885	887	rVV	1186758	1865525	7.82%	0.560%
54	11.848	887	889	894	rVV	4482366	8434579	35.37%	2.532%
55	12.019	900	904	906	rVV2	831143	1403554	5.89%	0.421%
56	12.088	907	910	912	rVV	2377414	3393532	14.23%	1.019%
57	12.122	912	913	917	rVB2	744203	966105	4.05%	0.290%
58	12.431	936	940	941	rBV	1015899	1780852	7.47%	0.535%
59	12.477	941	944	945	rVV	944821	1587133	6.66%	0.477%
60	12.557	948	951	954	rVB	1217336	2046747	8.58%	0.615%
61	12.659	954	960	963	rBV	6865108	16162888	67.78%	4.853%
62	12.774	967	970	973	rVB	2887768	3860795	16.19%	1.159%
63	12.877	977	979	982	rVV2	340353	695462	2.92%	0.209%
64	12.991	982	989	991	rVV	7554821	21624133	90.69%	6.492%
65	13.197	1003	1007	1009	rVV	2970678	4894173	20.53%	1.469%
66	13.277	1010	1014	1021	rVB	841594	1617203	6.78%	0.486%
67	13.425	1025	1027	1030	rVB	1624617	2703939	11.34%	0.812%
68	13.528	1033	1036	1038	rVV	1555848	2108659	8.84%	0.633%
69	13.574	1038	1040	1042	rVV	1472922	1860248	7.80%	0.559%
70	13.700	1046	1051	1053	rBV2	1048513	2086249	8.75%	0.626%
71	13.745	1053	1055	1060	rVB	1159383	1788019	7.50%	0.537%

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72	14.328	1102	1106	1108	rBV2	728589	1336944	5.61%	0.401%
73	14.385	1108	1111	1112	rVV	1070139	2211660	9.28%	0.664%
74	14.408	1112	1113	1115	rVV	1790221	1783479	7.48%	0.535%
75	14.728	1135	1141	1143	rBV3	4188822	11063697	46.40%	3.322%
76	14.785	1143	1146	1148	rVV	4219408	7492187	31.42%	2.249%
77	14.945	1157	1160	1163	rVV	1351835	2171068	9.11%	0.652%
78	15.334	1190	1194	1196	rBV	799124	1522353	6.38%	0.457%
79	15.471	1201	1206	1208	rVV3	646282	1428680	5.99%	0.429%
80	15.540	1210	1212	1218	rVV3	727458	1594450	6.69%	0.479%
81	15.643	1218	1221	1225	rVB	435054	724387	3.04%	0.217%
82	16.306	1273	1279	1284	rBV	3125142	10817617	45.37%	3.248%
83	16.420	1286	1289	1291	rBV	1165237	1613770	6.77%	0.485%
84	16.660	1305	1310	1312	rBV	2670505	5234750	21.95%	1.572%
85	16.751	1312	1318	1320	rBV2	3906402	9635340	40.41%	2.893%
86	16.797	1320	1322	1324	rBV	723837	1116252	4.68%	0.335%
87	16.831	1324	1325	1327	rVB	1013162	1200098	5.03%	0.360%
88	17.026	1335	1342	1343	rBV3	317595	1193575	5.01%	0.358%
89	17.368	1368	1372	1376	rVV3	816737	1822422	7.64%	0.547%
90	18.020	1425	1429	1432	rVV2	575399	1537785	6.45%	0.462%
91	18.191	1438	1444	1447	rVV2	2292081	5311201	22.27%	1.595%
92	18.329	1452	1456	1458	rVV	480448	943005	3.95%	0.283%
93	18.374	1458	1460	1465	rVV	548730	1147041	4.81%	0.344%
94	18.580	1471	1478	1481	rVV	1912883	5456475	22.88%	1.638%
95	18.763	1489	1494	1500	rVV	953884	2131137	8.94%	0.640%
96	19.540	1557	1562	1568	rBV2	204359	796369	3.34%	0.239%
97	20.432	1633	1640	1645	rBV	491613	1654846	6.94%	0.497%
98	20.592	1648	1654	1657	rBV	273054	996410	4.18%	0.299%
99	20.843	1671	1676	1682	rBV2	221880	746232	3.13%	0.224%
100	21.449	1714	1729	1736	rBV2	557993	3358971	14.09%	1.008%

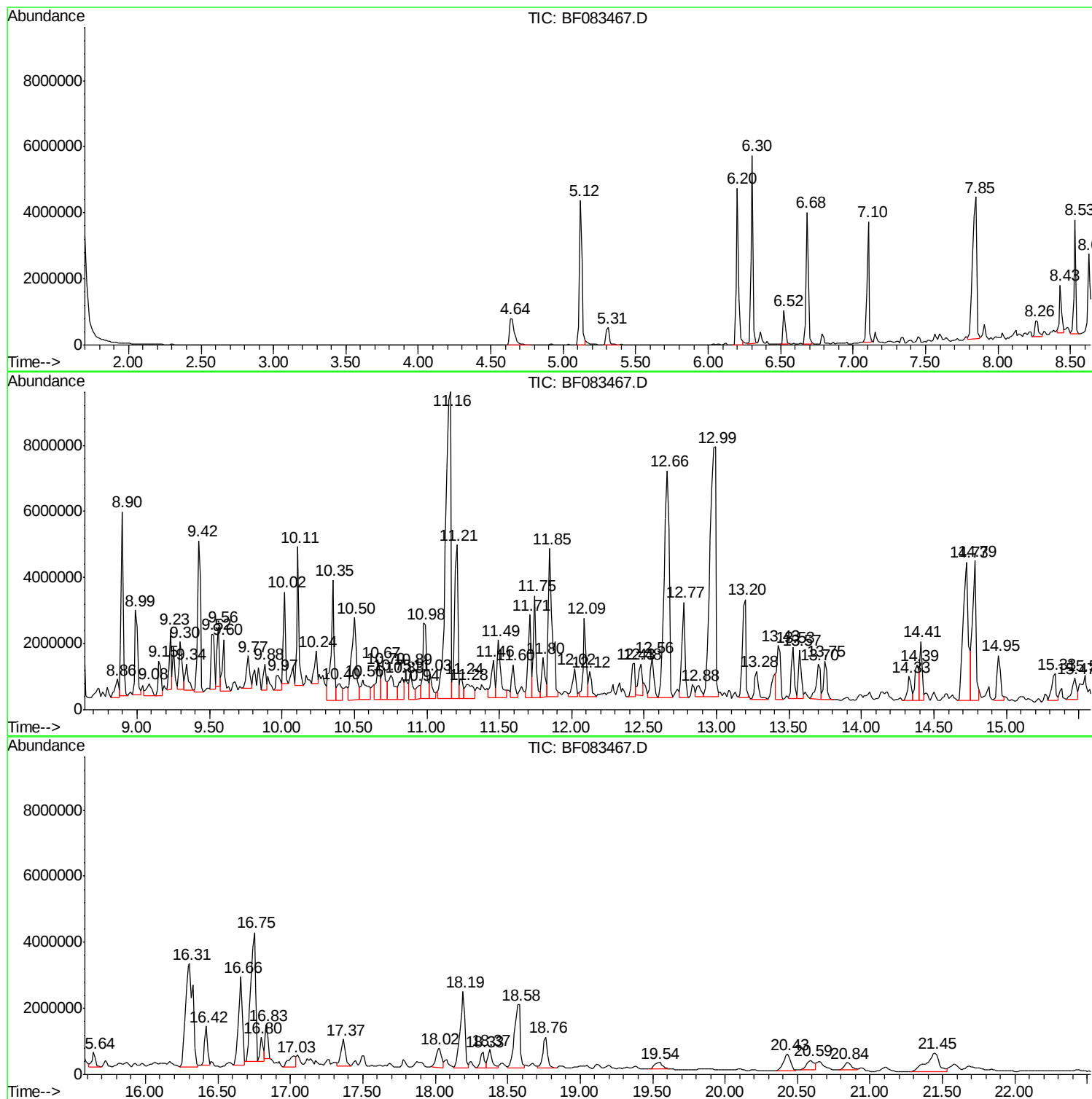
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SB-P3WC-10(0-6)

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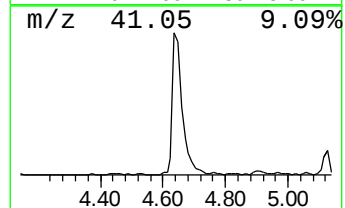
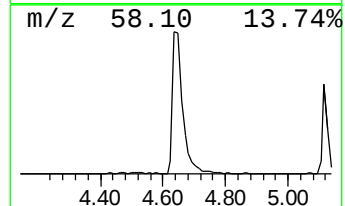
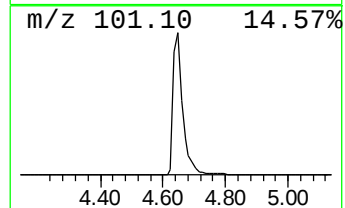
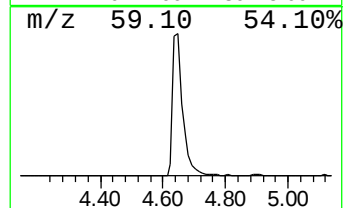
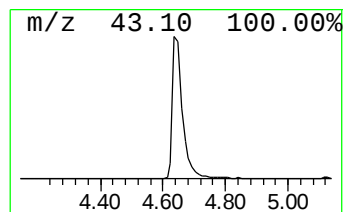
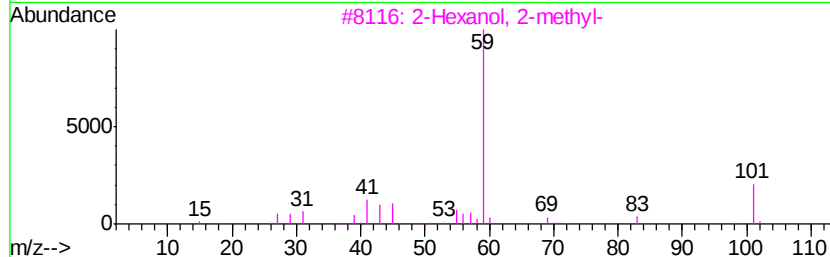
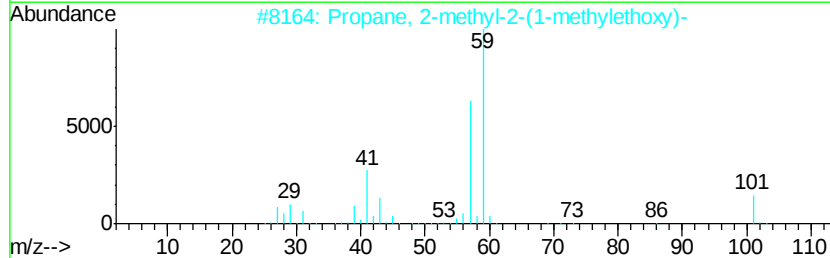
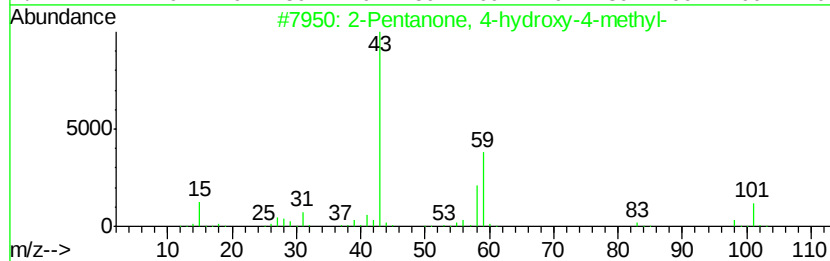
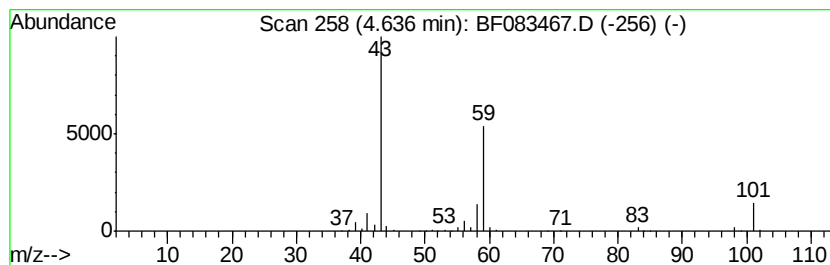
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown4.64 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	31.60 ng	1709270	1,4-Dichlorobenzene-d4	6.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32



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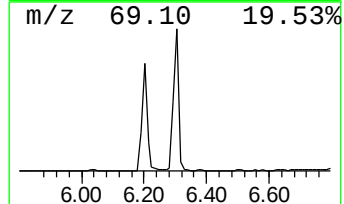
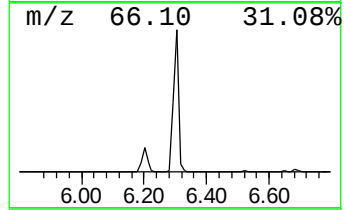
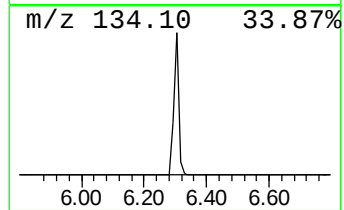
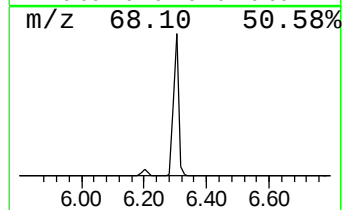
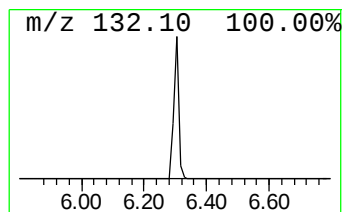
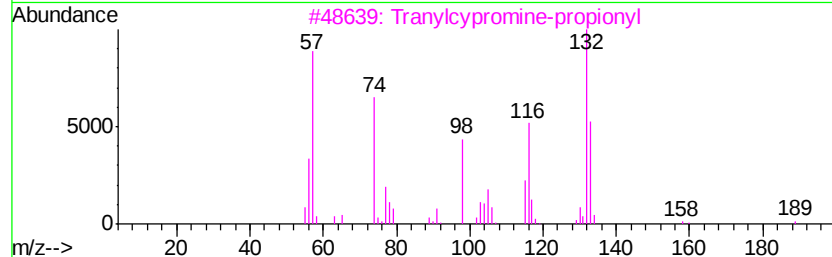
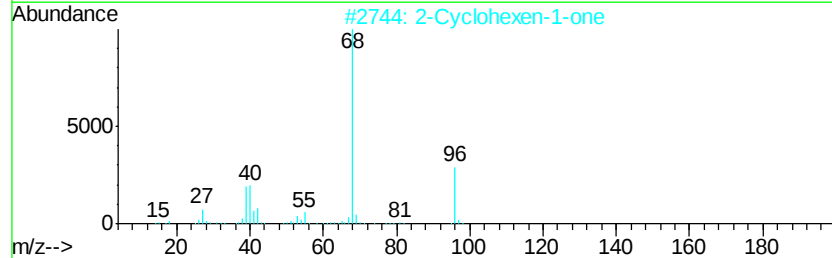
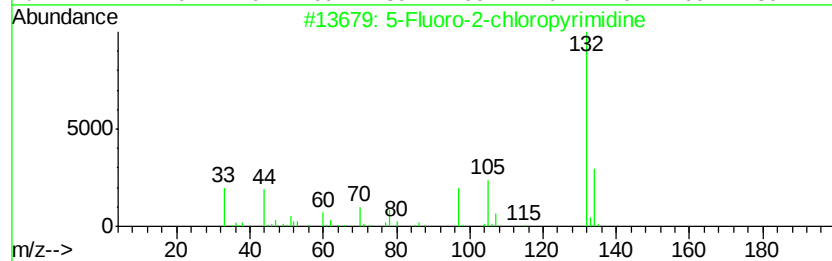
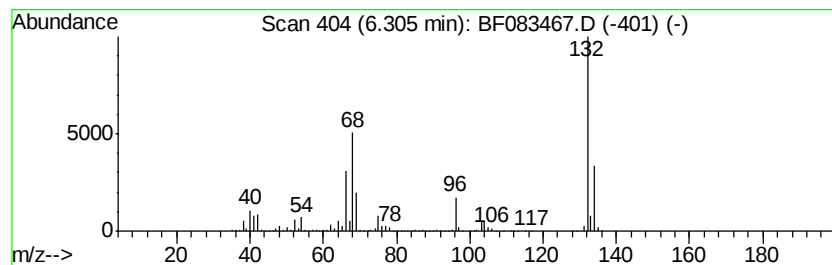
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.30 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	109.74 ng	5935480	1,4-Dichlorobenzene-d4	6.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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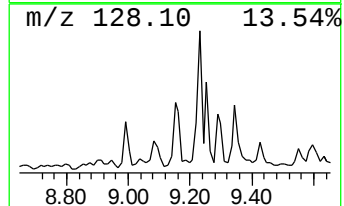
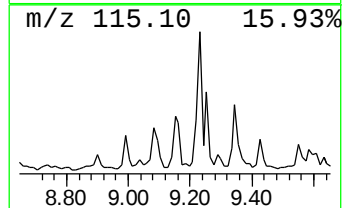
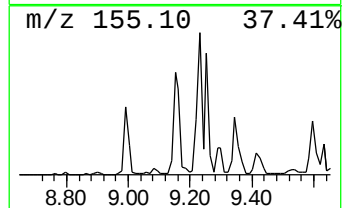
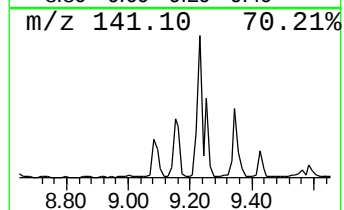
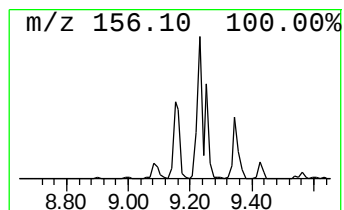
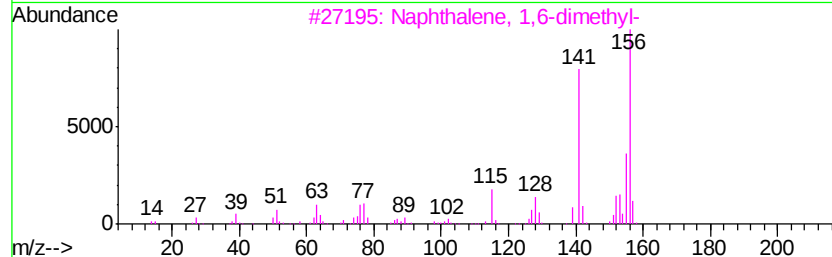
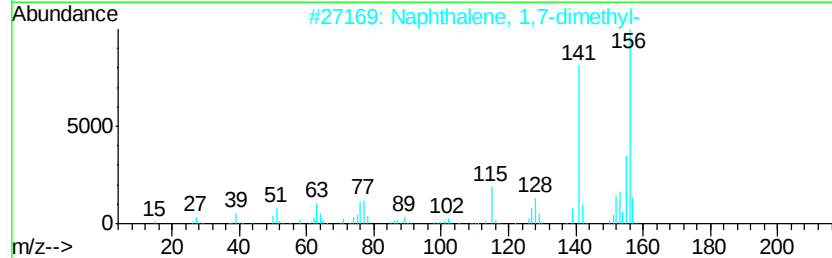
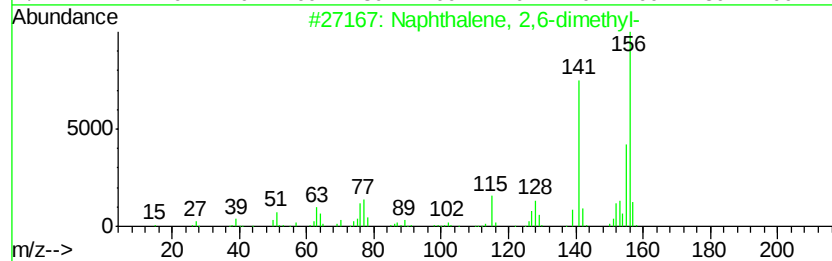
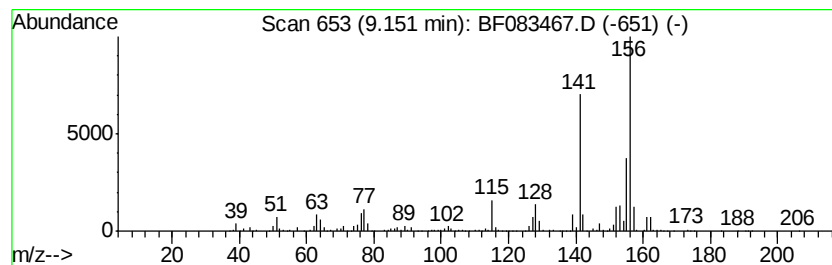
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	15.57 ng	1584010	Acenaphthene-d10	9.56

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083467.D
Acq On : 3 Dec 2015 18:48
Operator : UM/IZ
Sample : G4585-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(0-6)

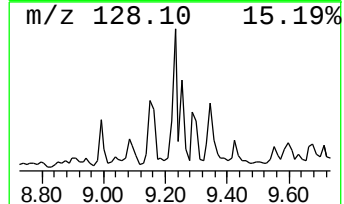
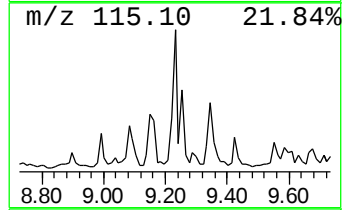
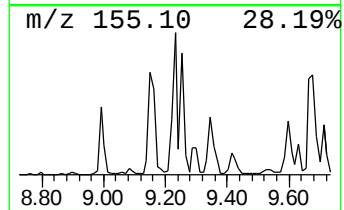
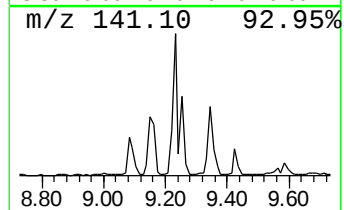
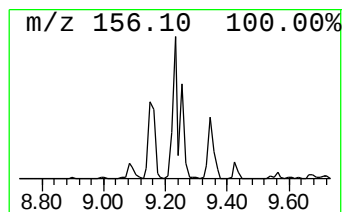
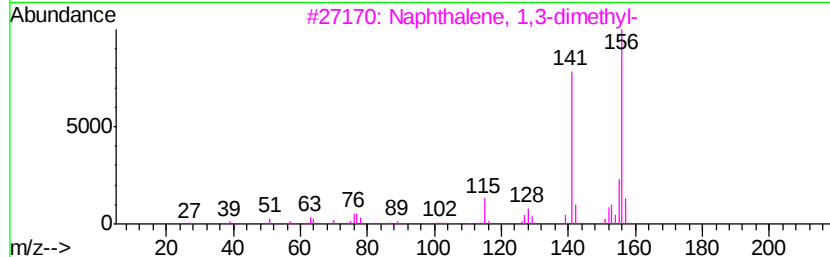
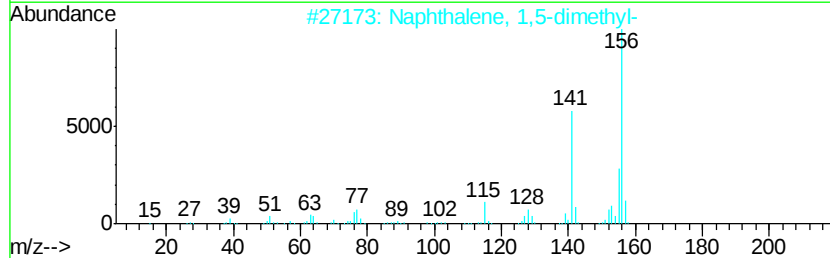
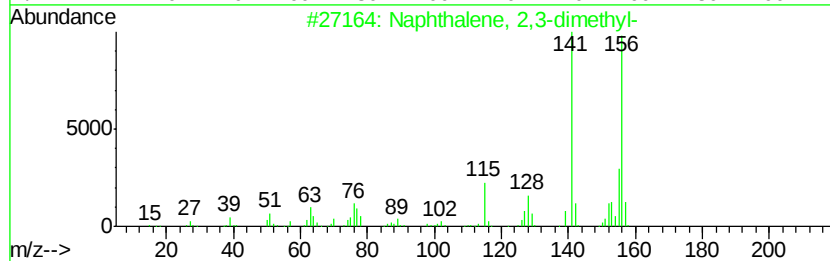
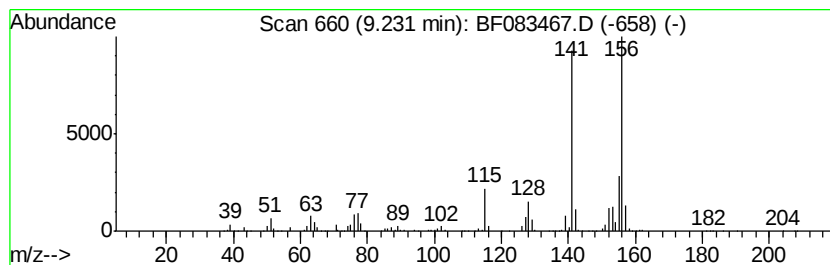
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	18.90 ng	1922650	Acenaphthene-d10	9.56

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, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
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Acq On : 3 Dec 2015 18:48
Operator : UM/IZ
Sample : G4585-01
Misc :
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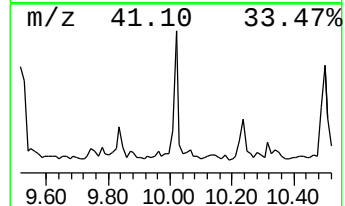
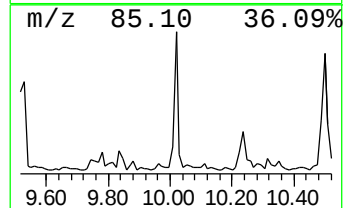
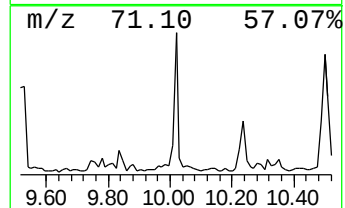
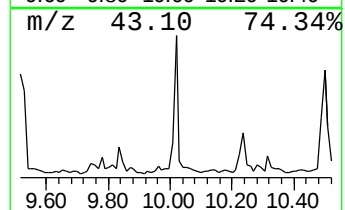
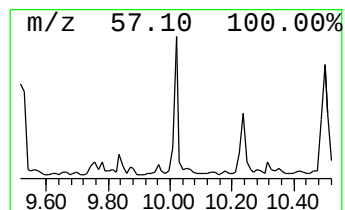
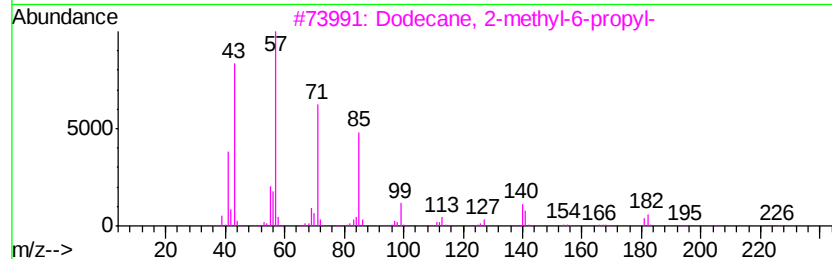
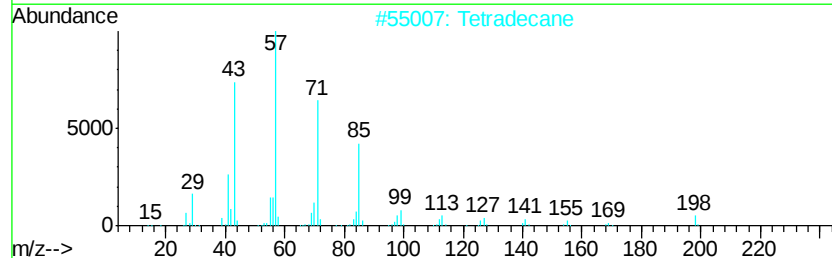
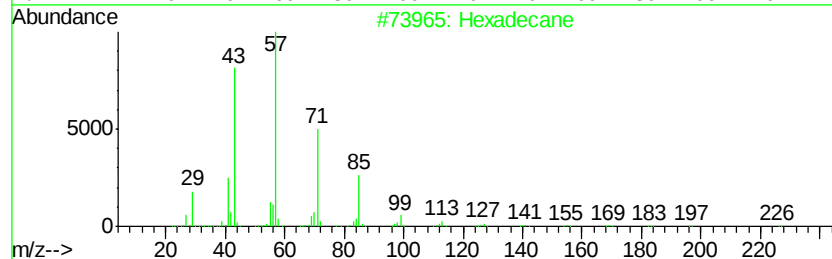
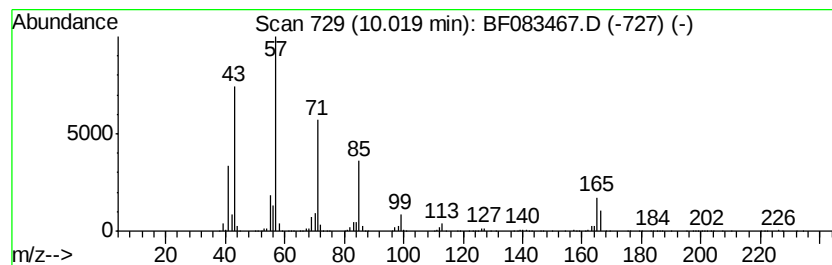
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	26.10 ng	2655890	Acenaphthene-d10	9.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	97
2	Tetradecane	198 C14H30	000629-59-4	87
3	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	64
4	Pentadecane, 7-methyl-	226 C16H34	006165-40-8	58
5	Tridecane, 6-propyl-	226 C16H34	055045-10-8	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083467.D
Acq On : 3 Dec 2015 18:48
Operator : UM/IZ
Sample : G4585-01
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ClientSampleId :
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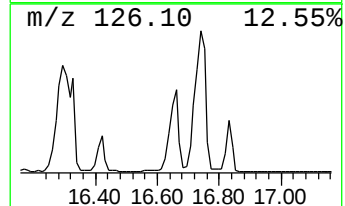
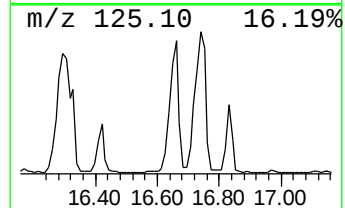
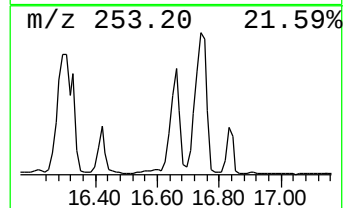
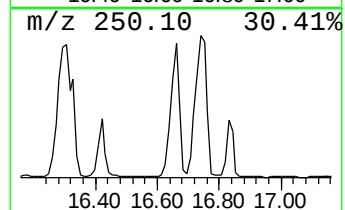
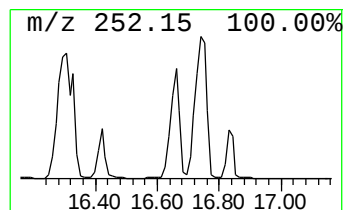
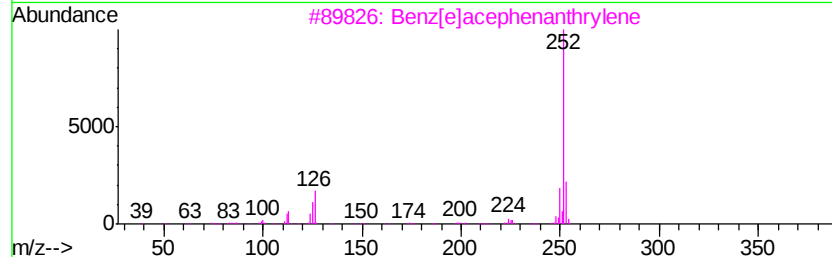
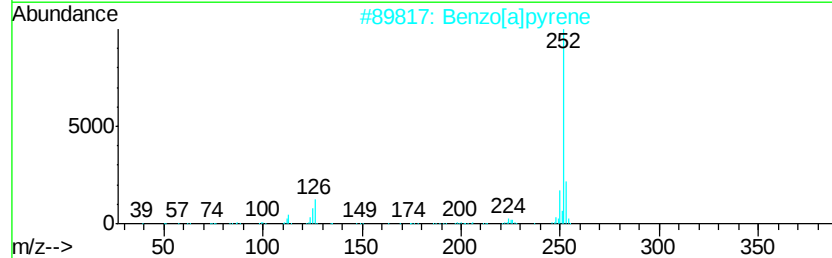
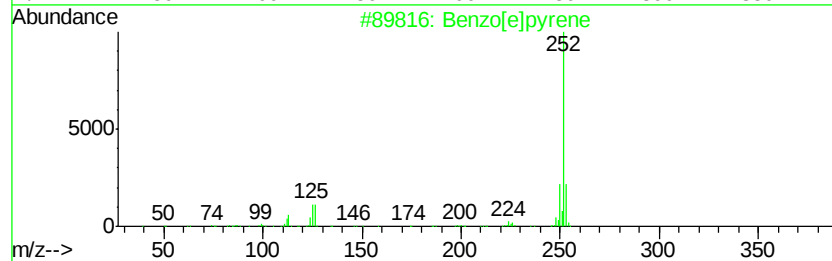
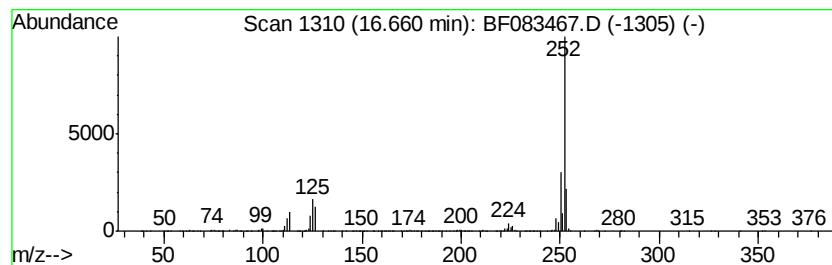
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	93.79 ng	5234750	Perylene-d12	16.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2		Benzo[a]pyrene	252	C20H12	000050-32-8	93
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	90
4		Perylene	252	C20H12	000198-55-0	90
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083467.D
Acq On : 3 Dec 2015 18:48
Operator : UM/IZ
Sample : G4585-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-P3WC-10(0-6)

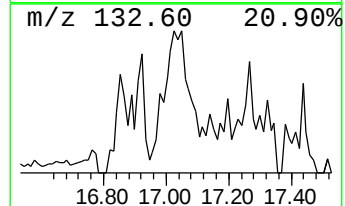
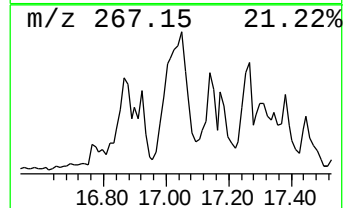
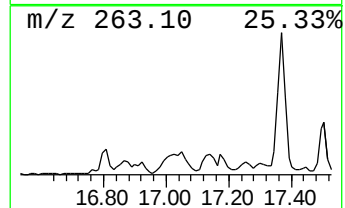
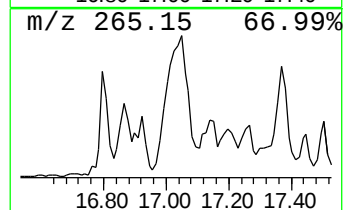
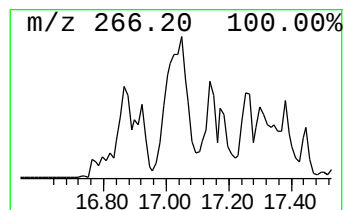
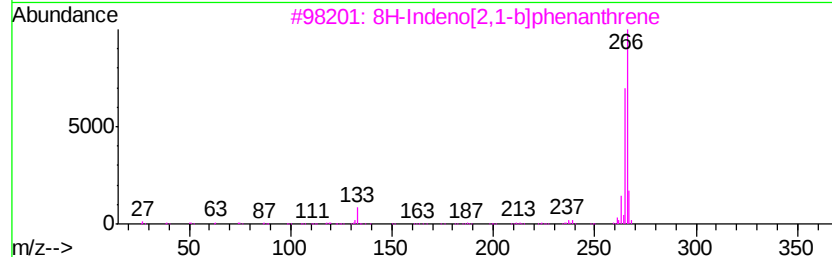
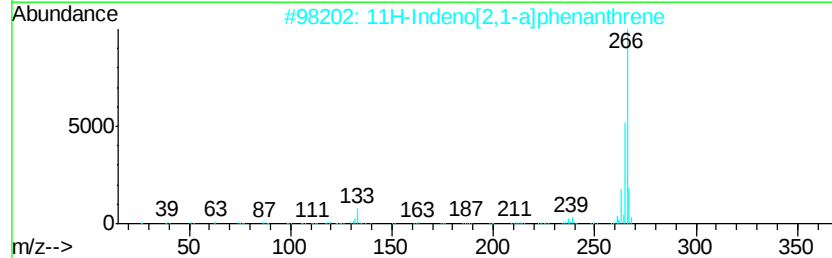
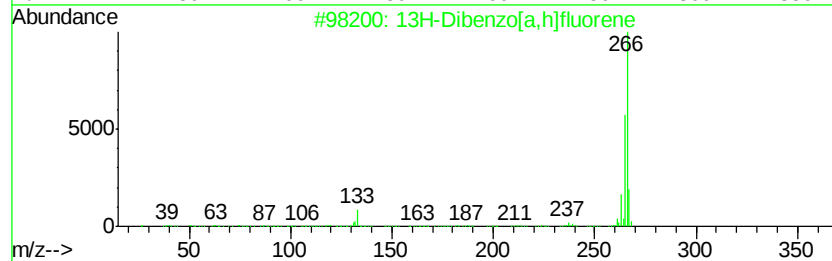
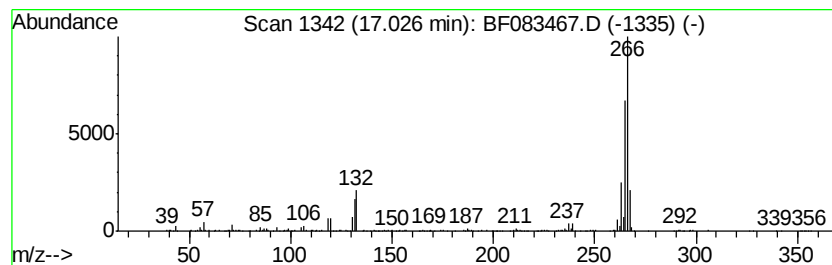
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 13H-Dibenzo[a,h]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.03	21.39 ng	1193580	Perylene-d12	16.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	94
2		11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	89
3		8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	81
4		Benz[il]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	60
5		4H-1-Benzopyran-4-one, 3-hydroxy...	266	C17H14O3	078396-37-9	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083467.D
Acq On : 3 Dec 2015 18:48
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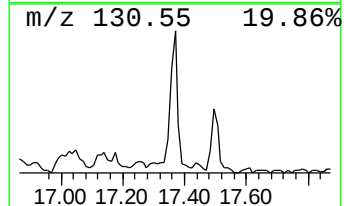
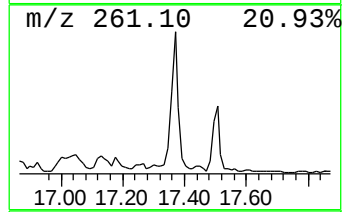
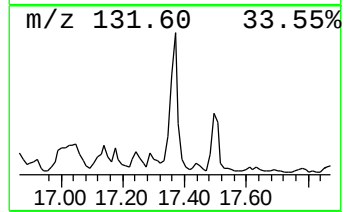
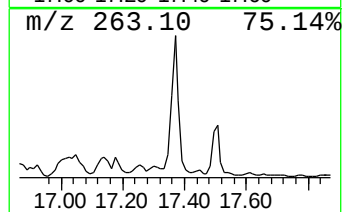
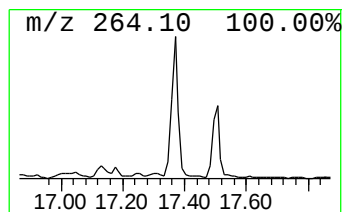
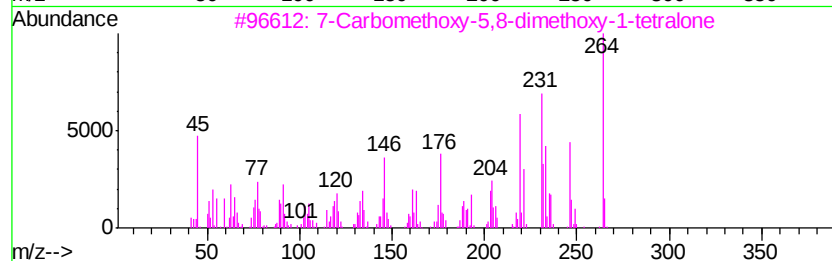
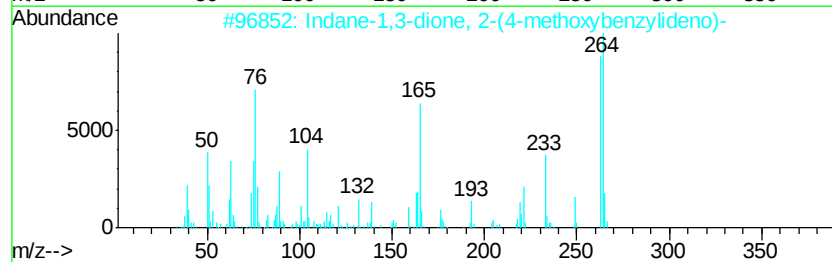
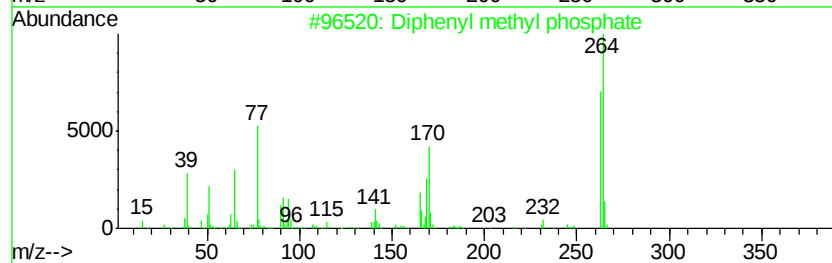
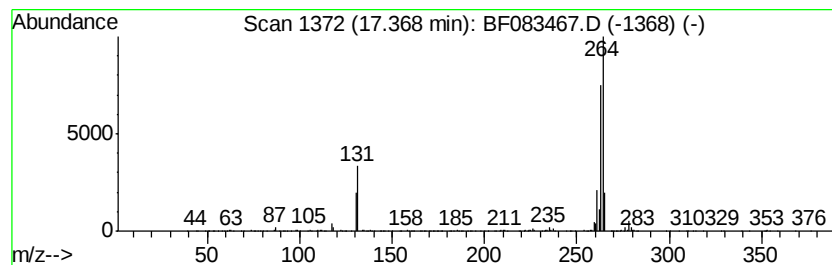
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Diphenyl methyl phosphate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	32.65 ng	1822420	Perylene-d12	16.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diphenyl methyl phosphate	264	C13H13O4P	000115-89-9	52
2		Indane-1,3-dione, 2-(4-methoxybe...	264	C17H12O3	007421-76-3	50
3		7-Carbomethoxy-5,8-dimethoxy-1-t...	264	C14H16O5	122136-07-6	18
4		6-Oxo-5-phenyl-2,3,5,6-tetrahydr...	263	C16H13N3O	087365-22-8	17
5		2,5-Bis(4-hydroxyphenyl)pyrimidine	264	C16H12N2O2	159488-83-2	16



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083467.D
Acq On : 3 Dec 2015 18:48
Operator : UM/IZ
Sample : G4585-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId :
SB-P3WC-10(0-6)

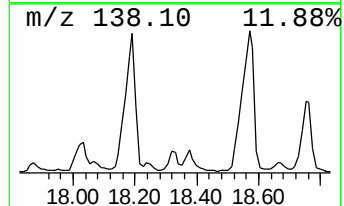
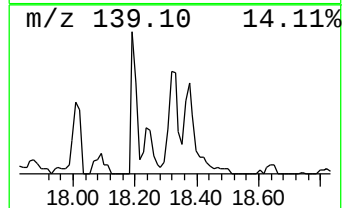
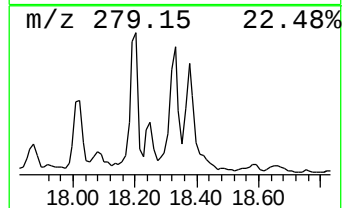
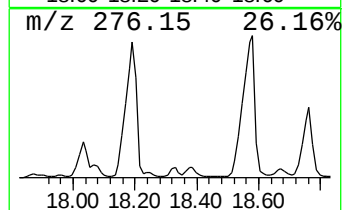
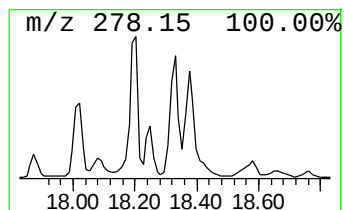
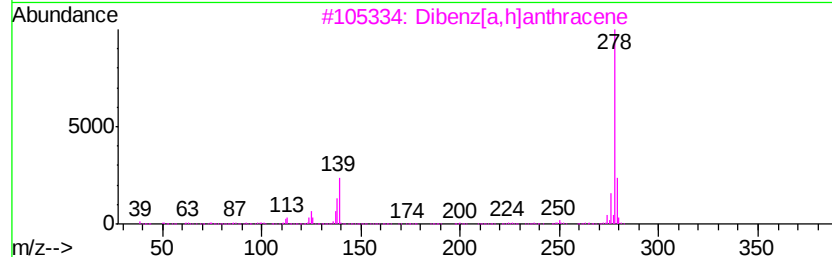
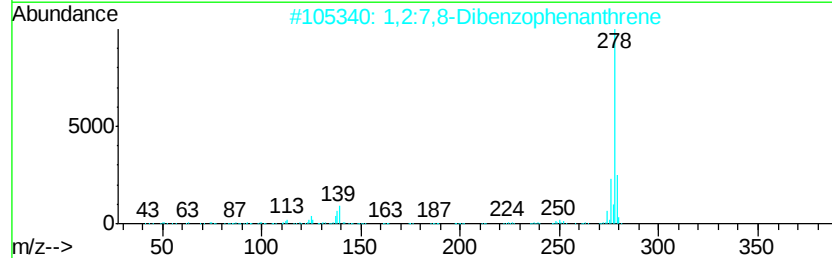
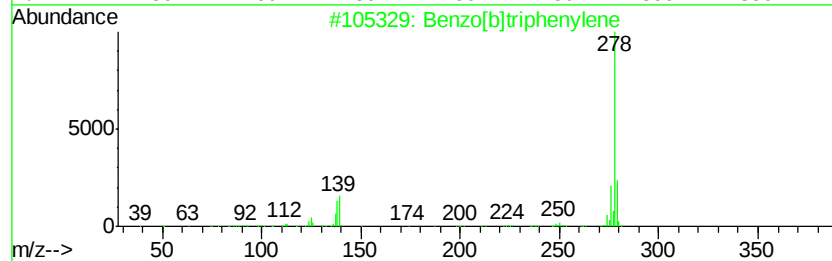
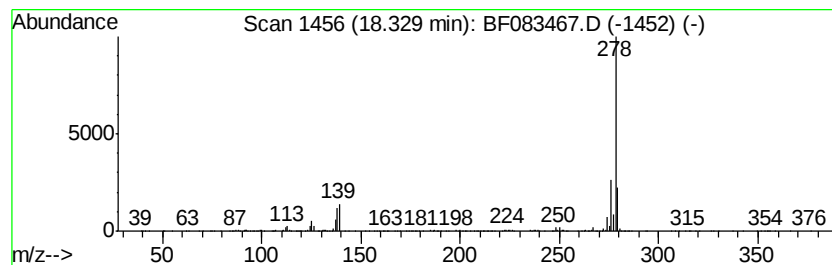
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzo[b]triphenylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	16.90 ng	943005	Perylene-d12	16.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	97
2		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	94
3		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	94
4		Benzo[a]naphthacene	278	C22H14	000226-88-0	91
5		Pentacene	278	C22H14	000135-48-8	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083467.D
Acq On : 3 Dec 2015 18:48
Operator : UM/IZ
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Misc :
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ClientSampleId :
SB-P3WC-10(0-6)

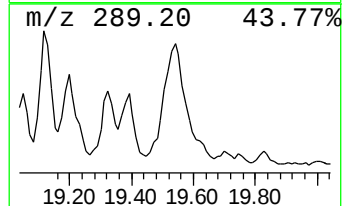
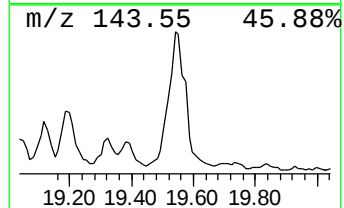
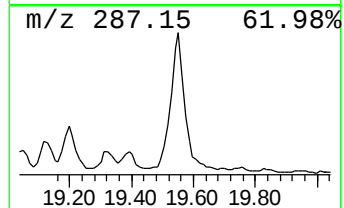
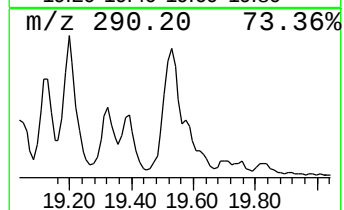
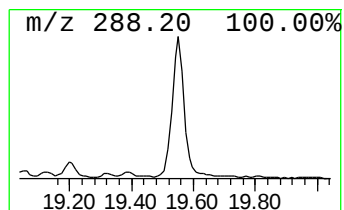
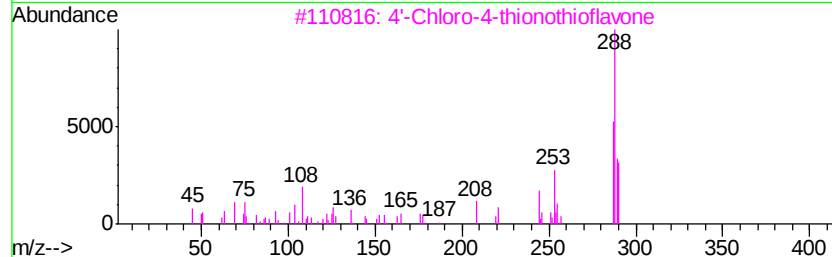
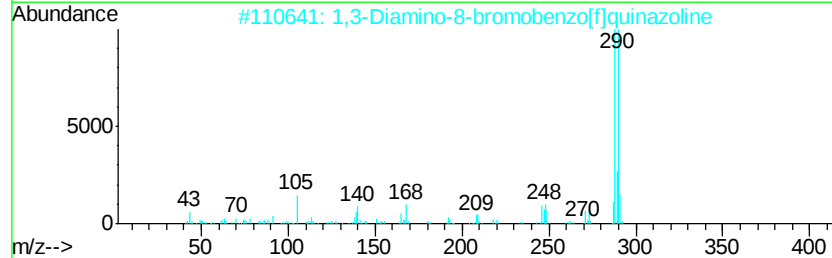
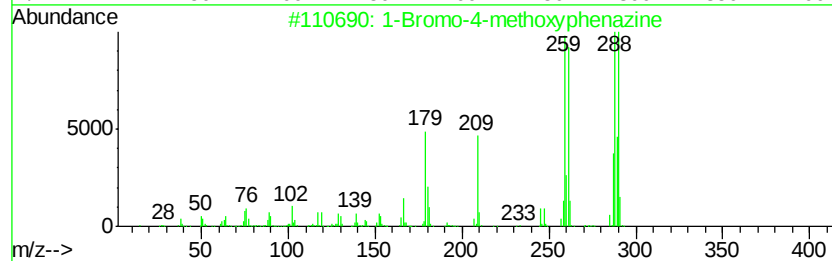
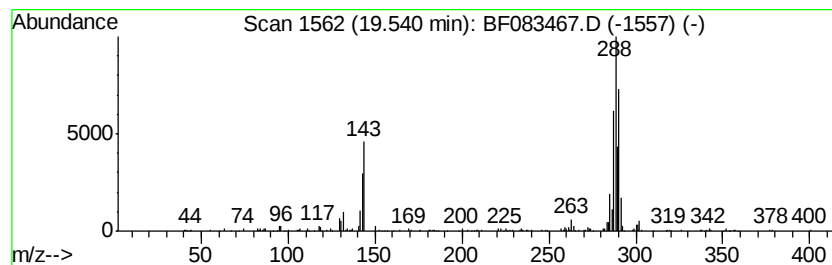
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1-Bromo-4-methoxyphenazine Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	14.27 ng	796369	Perylene-d12	16.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Bromo-4-methoxyphenazine	288	C13H9BrN2O	014031-14-2	50
2		1,3-Diamino-8-bromobenzo[f]quina...	288	C12H9BrN4	013119-52-3	46
3		4'-Chloro-4-thionothioflavone	288	C15H9ClS2	066724-35-4	32
4		Triclosan	288	C12H7Cl3O2	003380-34-5	32
5		2,4-Diamino-6-[m-chlorobenzyl]-5...	289	C14H16ClN5	038048-39-4	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083467.D
Acq On : 3 Dec 2015 18:48
Operator : UM/IZ
Sample : G4585-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(0-6)

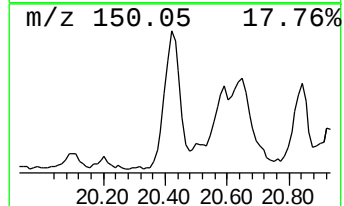
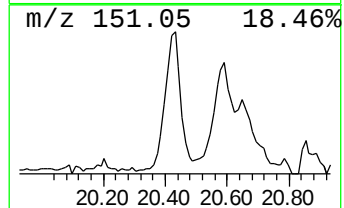
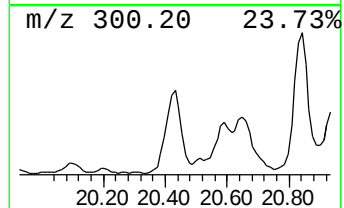
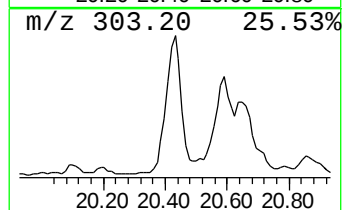
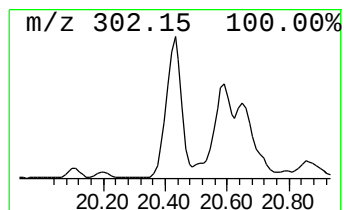
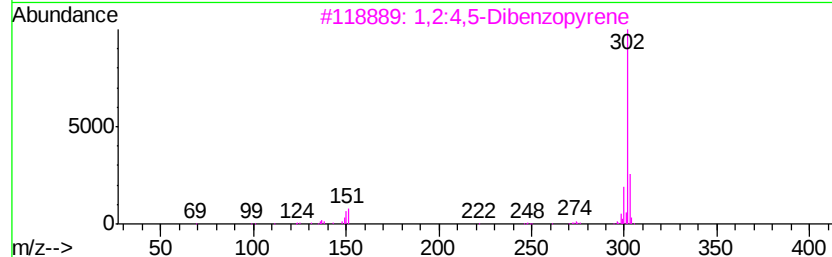
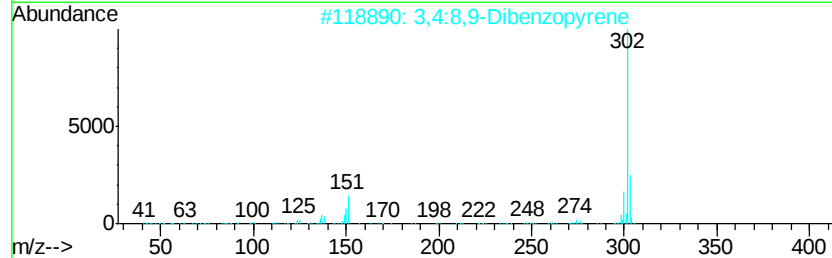
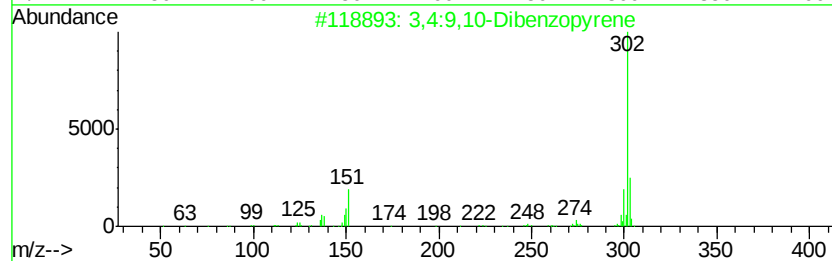
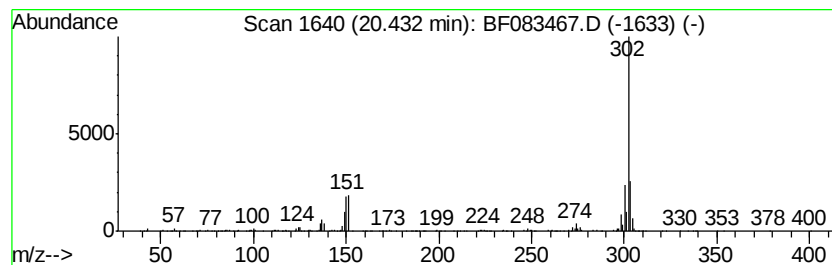
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 3,4:9,10-Dibenzopyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	29.65 ng	1654850	Perylene-d12	16.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	98
2		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	98
3		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	97
4		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	97
5		Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083467.D
Acq On : 3 Dec 2015 18:48
Operator : UM/IZ
Sample : G4585-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(0-6)

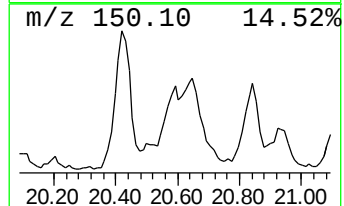
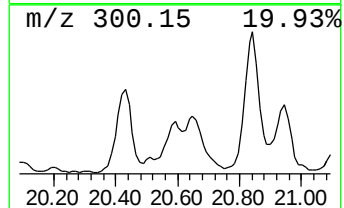
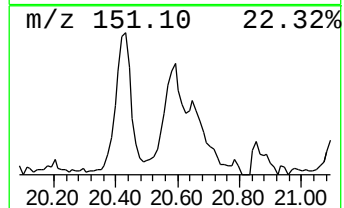
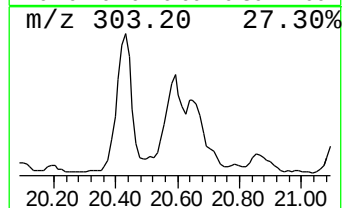
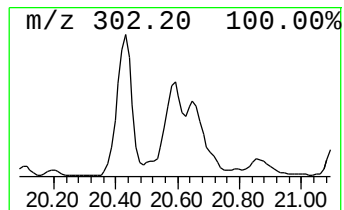
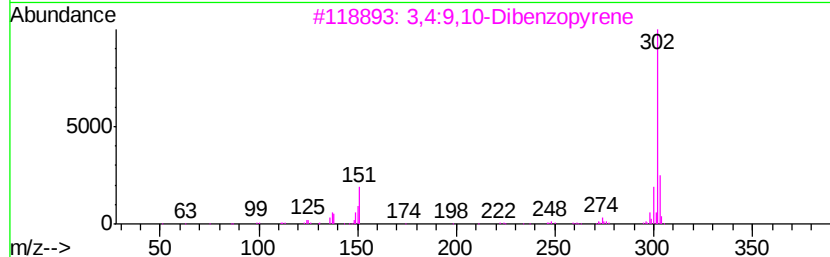
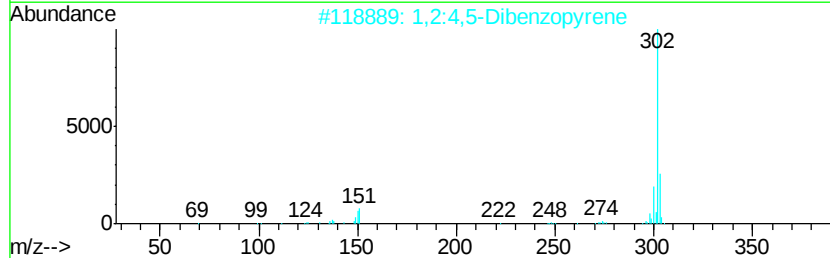
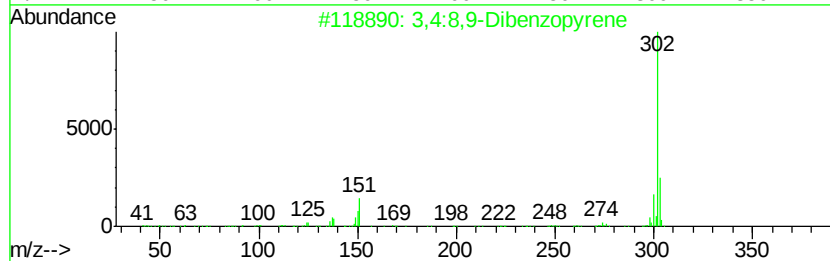
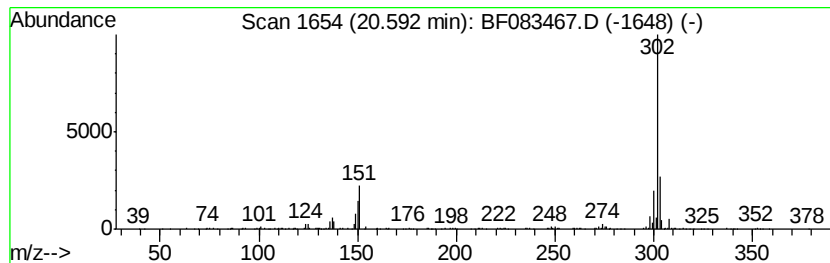
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 3,4:8,9-Dibenzopyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.59	17.85 ng	996410	Perylene-d12	16.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	98
2		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	98
3		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	98
4		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	97
5		1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083467.D
Acq On : 3 Dec 2015 18:48
Operator : UM/IZ
Sample : G4585-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(0-6)

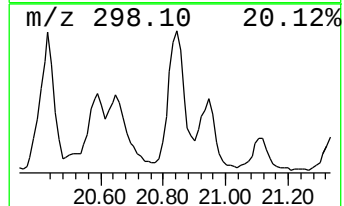
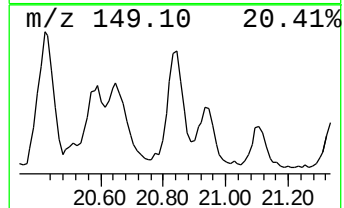
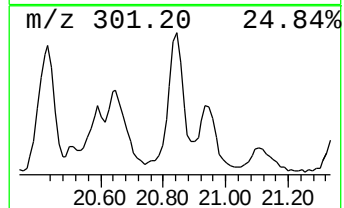
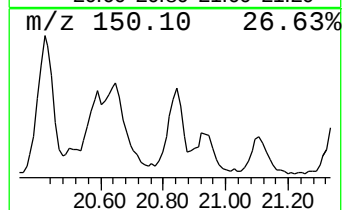
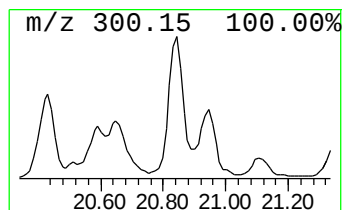
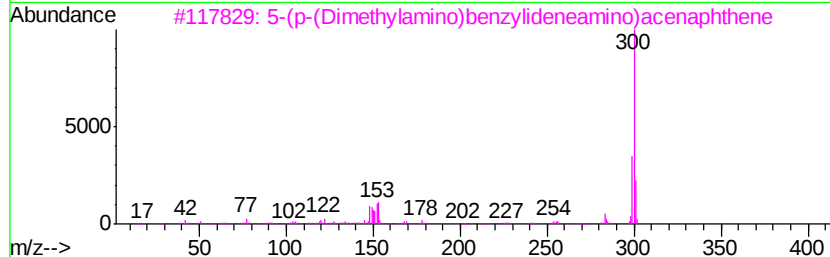
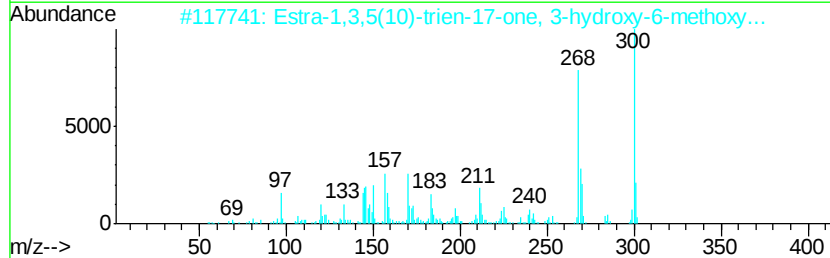
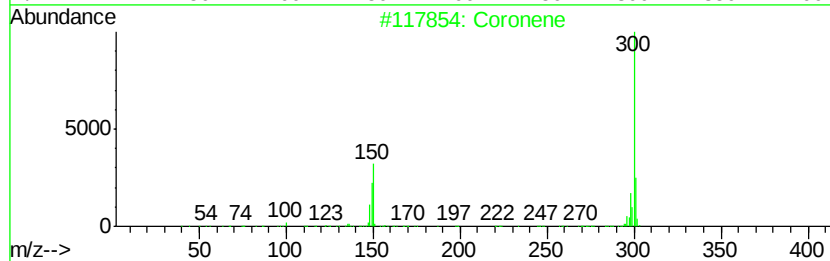
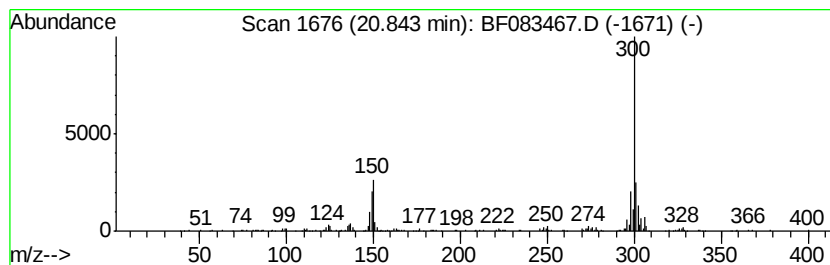
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Coronene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	13.37 ng	746232	Perylene-d12	16.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Coronene	300	C24H12	000191-07-1	94
2		Estra-1,3,5(10)-trien-17-one, 3-...	300	C19H24O3	074299-14-2	47
3		5-(p-(Dimethylamino)benzylidene)amino...	300	C21H20N2	006256-22-0	47
4		Retinoic acid	300	C20H28O2	000302-79-4	38
5		2-(3-Pyridyl)benzo[h]quinoline-4...	300	C19H12N2O2	303100-32-5	37



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
 Data File : BF083467.D
 Acq On : 3 Dec 2015 18:48
 Operator : UM/IZ
 Sample : G4585-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-10(0-6)

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
unknown4.64	4.64	31.6	ng	1709270	1	6.52	1081750	20.0
unknown6.30	6.30	109.7	ng	5935480	1	6.52	1081750	20.0
Naphthalene, 2,6-...	9.15	15.6	ng	1584010	3	9.56	2034820	20.0
Naphthalene, 2,3-...	9.23	18.9	ng	1922650	3	9.56	2034820	20.0
Hexadecane	10.02	26.1	ng	2655890	3	9.56	2034820	20.0
Benzo[e]pyrene	16.66	93.8	ng	5234750	6	16.80	1116250	20.0
13H-Dibenzo[a,h]f...	17.03	21.4	ng	1193580	6	16.80	1116250	20.0
Diphenyl methyl p...	17.37	32.6	ng	1822420	6	16.80	1116250	20.0
Benzo[b]triphenylene	18.33	16.9	ng	943005	6	16.80	1116250	20.0
1-Bromo-4-methoxy...	19.54	14.3	ng	796369	6	16.80	1116250	20.0
3,4:9,10-Dibenzop...	20.43	29.6	ng	1654850	6	16.80	1116250	20.0
3,4:8,9-Dibenzopy...	20.59	17.9	ng	996410	6	16.80	1116250	20.0
Coronene	20.84	13.4	ng	746232	6	16.80	1116250	20.0