

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
 Data File : BF076831.D
 Acq On : 13 Jan 2015 5:53
 Operator : IZ / TP
 Sample : G1030-09 5X
 Misc : S
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3-SS-3(7-7.5)

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-BF010915.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.487	34	35	59	rVB	591989	1083126	8.29%	0.727%
2	10.996	859	867	868	rBV	159232	272473	2.09%	0.183%
3	11.042	868	871	874	rVB	575663	835266	6.40%	0.560%
4	12.699	1013	1016	1020	rVB	336684	559408	4.28%	0.375%
5	12.916	1031	1035	1038	rVB	169474	291600	2.23%	0.196%
6	14.071	1130	1136	1141	rVB2	126951	299511	2.29%	0.201%
7	14.368	1158	1162	1165	rBV	140580	279112	2.14%	0.187%
8	14.779	1195	1198	1200	rVV	227737	372725	2.85%	0.250%
9	15.122	1225	1228	1232	rVB	149920	266782	2.04%	0.179%
10	15.202	1232	1235	1239	rBV	777535	1342430	10.28%	0.901%
11	15.340	1243	1247	1253	rVB2	171731	314195	2.41%	0.211%
12	15.625	1269	1272	1275	rVV	501781	743477	5.69%	0.499%
13	16.322	1330	1333	1336	rBV	822052	1282609	9.82%	0.860%
14	16.643	1359	1361	1364	rVB	234010	277493	2.12%	0.186%
15	16.780	1369	1373	1376	rBV3	310002	635122	4.86%	0.426%
16	17.214	1404	1411	1415	rBV2	175484	471051	3.61%	0.316%
17	17.294	1415	1418	1420	rVV	211932	375653	2.88%	0.252%
18	17.523	1435	1438	1440	rBV2	164762	281749	2.16%	0.189%
19	17.580	1440	1443	1446	rVV2	464176	773440	5.92%	0.519%
20	17.694	1449	1453	1456	rBV2	471330	836866	6.41%	0.561%
21	17.923	1468	1473	1475	rVB	5908599	10234353	78.36%	6.866%
22	17.980	1475	1478	1481	rVB	1930370	3021157	23.13%	2.027%
23	18.174	1493	1495	1499	rVB	209349	321439	2.46%	0.216%
24	18.254	1499	1502	1504	rBV	1244121	1395160	10.68%	0.936%
25	18.346	1508	1510	1512	rBV2	255351	301947	2.31%	0.203%
26	18.597	1529	1532	1534	rBV	819429	1071656	8.20%	0.719%
27	18.643	1534	1536	1537	rVV	905808	1206928	9.24%	0.810%
28	18.700	1539	1541	1542	rBV	435524	496733	3.80%	0.333%
29	18.734	1542	1544	1546	rVV2	1311629	1787948	13.69%	1.200%
30	18.780	1546	1548	1550	rVB	533650	698028	5.34%	0.468%
31	18.917	1558	1560	1563	rVB2	163457	267295	2.05%	0.179%
32	19.043	1567	1571	1574	rVB3	579643	1438793	11.02%	0.965%
33	19.351	1594	1598	1599	rBV	287570	473919	3.63%	0.318%
34	19.386	1599	1601	1603	rVV2	232175	309221	2.37%	0.207%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.454	1605	1607	1611	rVB	347193	595489	4.56%	0.400%
36	19.569	1611	1617	1619	rBV	6811421	12872134	98.55%	8.636%
37	19.717	1629	1630	1635	rVB3	278184	537801	4.12%	0.361%
38	19.854	1635	1642	1644	rBV	6778357	13061027	100.00%	8.763%
39	19.911	1644	1647	1649	rVB	441094	541398	4.15%	0.363%
40	20.003	1653	1655	1656	rBV	702274	865692	6.63%	0.581%
41	20.026	1656	1657	1660	rVB	576132	788016	6.03%	0.529%
42	20.094	1660	1663	1664	rBV2	255592	524880	4.02%	0.352%
43	20.129	1664	1666	1668	rVB	492897	698779	5.35%	0.469%
44	20.174	1668	1670	1672	rBV	275752	383654	2.94%	0.257%
45	20.266	1672	1678	1680	rVB2	1149437	2343372	17.94%	1.572%
46	20.357	1683	1686	1687	rBV	817186	1091492	8.36%	0.732%
47	20.391	1687	1689	1695	rVB3	801623	1468497	11.24%	0.985%
48	20.506	1695	1699	1700	rVB3	320405	589257	4.51%	0.395%
49	20.540	1700	1702	1703	rBV	300880	314058	2.40%	0.211%
50	20.643	1709	1711	1715	rVB3	161218	246007	1.88%	0.165%
51	20.814	1718	1726	1729	rBV6	239760	976368	7.48%	0.655%
52	20.906	1730	1734	1738	rVB	774213	1267677	9.71%	0.850%
53	21.043	1743	1746	1748	rBV	866403	1443276	11.05%	0.968%
54	21.089	1748	1750	1752	rVV2	731707	1261184	9.66%	0.846%
55	21.123	1752	1753	1756	rVB2	521086	686806	5.26%	0.461%
56	21.180	1756	1758	1761	rVB	755796	1171610	8.97%	0.786%
57	21.249	1761	1764	1768	rVB	339122	603679	4.62%	0.405%
58	21.363	1768	1774	1776	rBV	3904254	8815922	67.50%	5.915%
59	21.409	1776	1778	1783	rVB2	3619529	6897745	52.81%	4.628%
60	21.489	1783	1785	1787	rBV	1075379	1144020	8.76%	0.768%
61	21.534	1787	1789	1791	rBV3	197756	285443	2.19%	0.192%
62	21.614	1793	1796	1798	rVB	950086	1195925	9.16%	0.802%
63	21.660	1798	1800	1802	rBV	704690	901932	6.91%	0.605%
64	21.797	1810	1812	1814	rBV	346526	495068	3.79%	0.332%
65	21.854	1814	1817	1819	rBV	883975	1350078	10.34%	0.906%
66	21.889	1819	1820	1823	rVV	417231	374103	2.86%	0.251%
67	21.957	1823	1826	1827	rVV2	291790	547343	4.19%	0.367%
68	22.014	1827	1831	1833	rVB4	361487	965392	7.39%	0.648%
69	22.049	1833	1834	1837	rVB2	254379	330702	2.53%	0.222%
70	22.106	1837	1839	1842	rVB	337160	450942	3.45%	0.303%
71	22.243	1846	1851	1853	rBV3	341621	827907	6.34%	0.555%

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72	22.437	1864	1868	1870	rVB2	261115	503646	3.86%	0.338%
73	22.563	1874	1879	1880	rBV3	109796	285119	2.18%	0.191%
74	22.632	1880	1885	1889	rVB	3621463	10214757	78.21%	6.853%
75	22.723	1889	1893	1895	rBV2	977978	1293400	9.90%	0.868%
76	22.837	1899	1903	1906	rBV3	294884	1055227	8.08%	0.708%
77	22.917	1906	1910	1912	rVV	1975827	3631175	27.80%	2.436%
78	22.986	1912	1916	1918	rVV	3153515	5466989	41.86%	3.668%
79	23.055	1918	1922	1927	rVV2	1381527	2353683	18.02%	1.579%
80	23.192	1931	1934	1936	rBV2	290121	779234	5.97%	0.523%
81	23.306	1940	1944	1945	rBV2	209867	509021	3.90%	0.342%
82	23.477	1957	1959	1962	rVB	272701	407924	3.12%	0.274%
83	23.843	1988	1991	1993	rBV2	168664	354379	2.71%	0.238%
84	23.935	1993	1999	2003	rVB5	208954	790810	6.05%	0.531%
85	24.026	2003	2007	2010	rBV2	462568	989630	7.58%	0.664%
86	24.175	2014	2020	2022	rBV2	1737084	3755441	28.75%	2.520%
87	24.220	2022	2024	2027	rVB	199882	300205	2.30%	0.201%
88	24.289	2027	2030	2031	rBV2	432708	732939	5.61%	0.492%
89	24.323	2031	2033	2037	rVV3	325882	664607	5.09%	0.446%
90	24.483	2041	2047	2050	rBV	1281942	2835640	21.71%	1.902%
91	24.632	2055	2060	2066	rVB3	470734	1261748	9.66%	0.847%
92	24.998	2089	2092	2097	rVB2	104088	276130	2.11%	0.185%
93	25.272	2112	2116	2124	rVB4	128179	504032	3.86%	0.338%
94	26.038	2173	2183	2187	rBV	414121	1646086	12.60%	1.104%
95	26.175	2189	2195	2197	rBV	257149	905597	6.93%	0.608%
96	26.369	2207	2212	2224	rVB3	124150	780347	5.97%	0.524%
97	26.586	2227	2231	2239	rVB3	109476	450015	3.45%	0.302%
98	26.861	2243	2255	2261	rVV	301216	1792747	13.73%	1.203%
99	26.986	2261	2266	2270	rVV	164902	559794	4.29%	0.376%
100	27.101	2271	2276	2281	rVB4	113721	420740	3.22%	0.282%

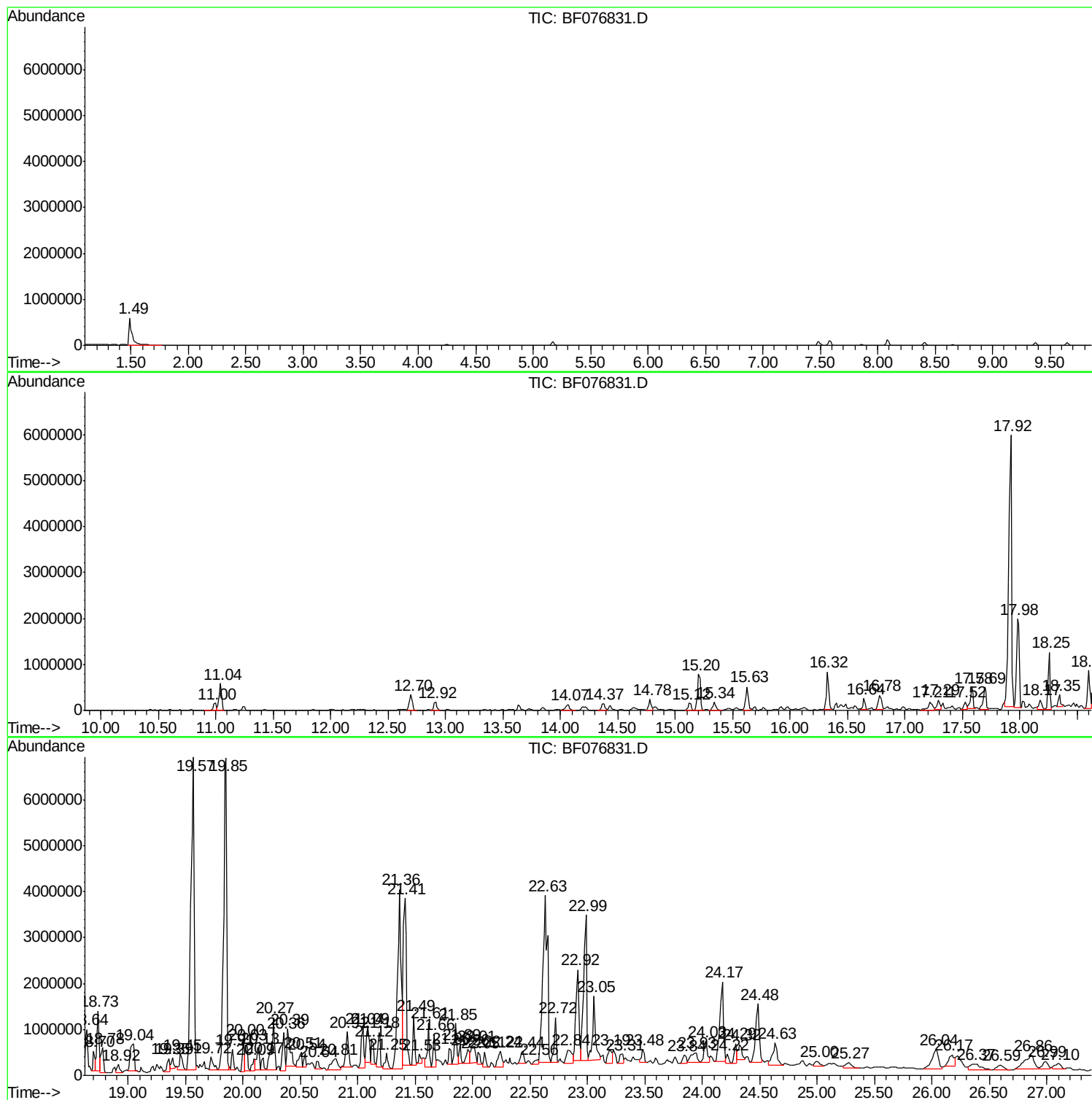
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ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.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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Instrument :
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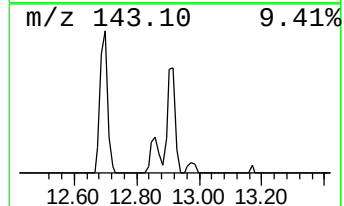
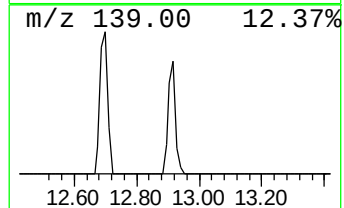
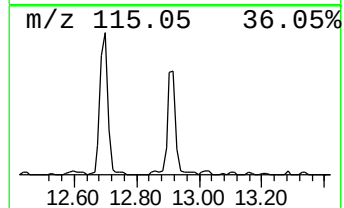
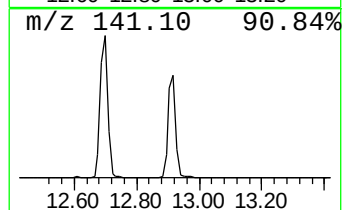
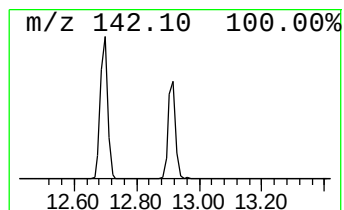
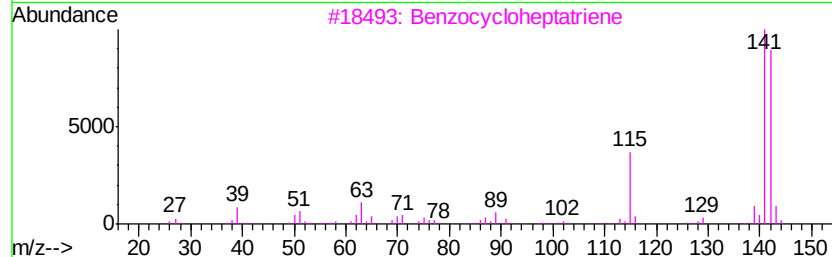
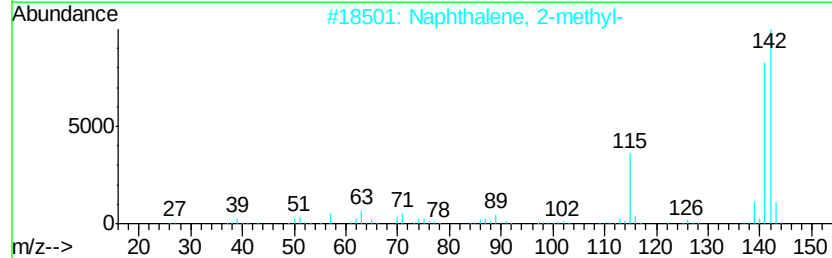
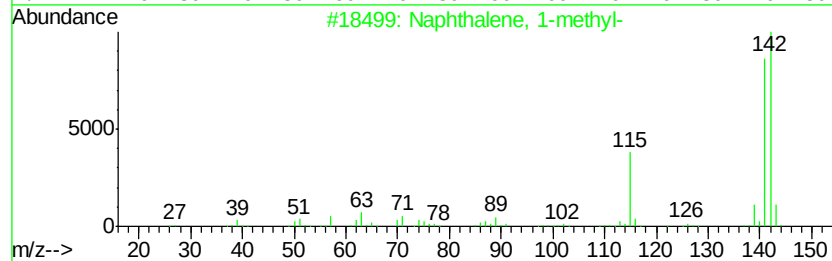
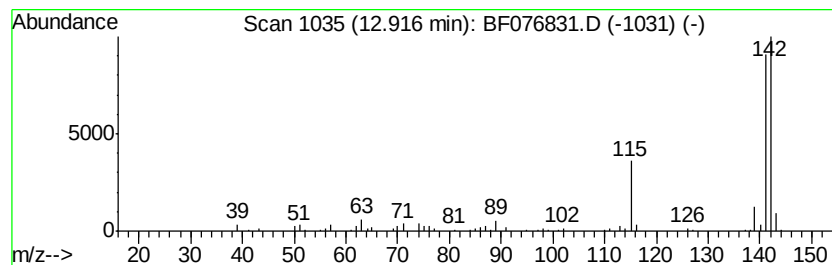
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	21.40 ng	291600	Naphthalene-d8	11.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	50



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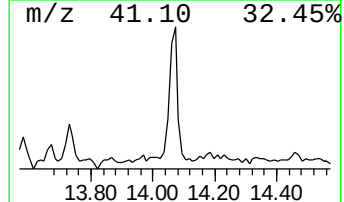
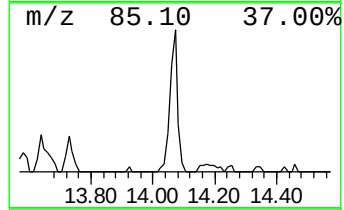
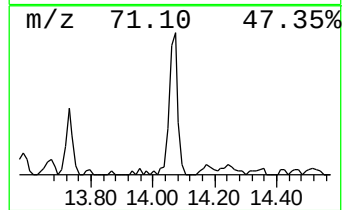
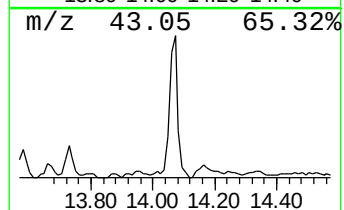
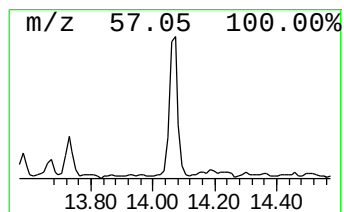
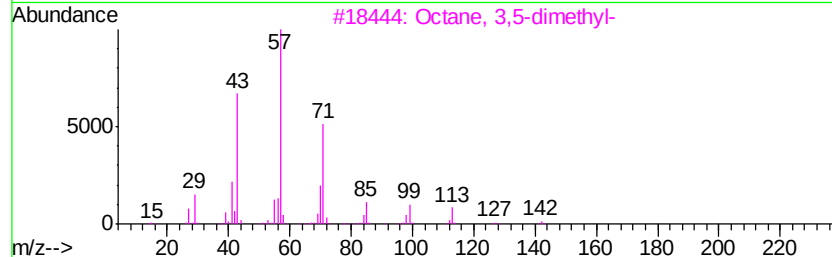
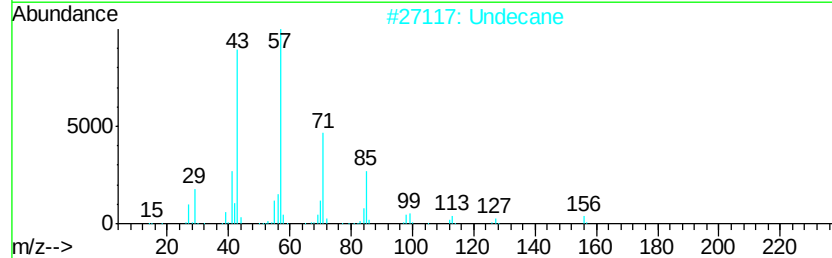
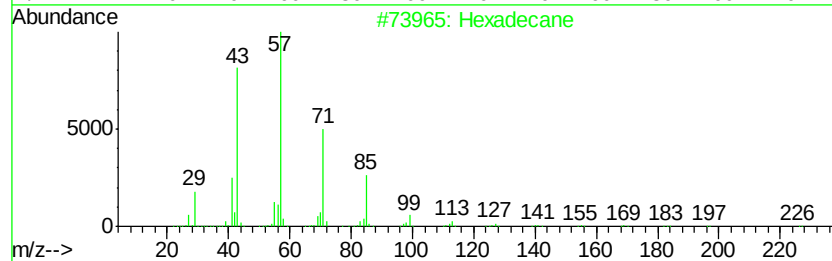
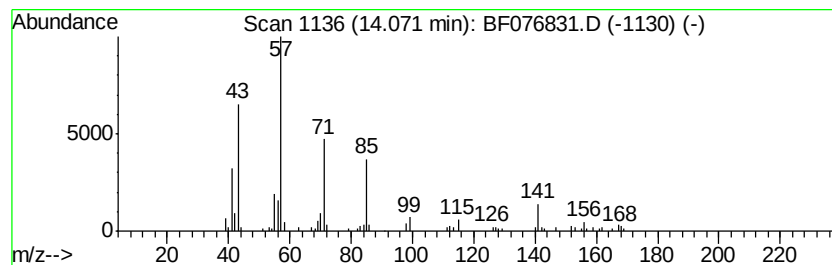
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	22.45 ng	299511	Acenaphthene-d10	15.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	80
2	Undecane		156	C11H24	001120-21-4	74
3	Octane, 3,5-dimethyl-		142	C10H22	015869-93-9	58
4	3,5-Dimethyldodecane		198	C14H30	107770-99-0	53
5	Tridecane		184	C13H28	000629-50-5	53



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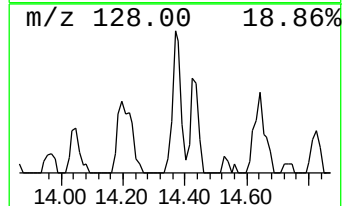
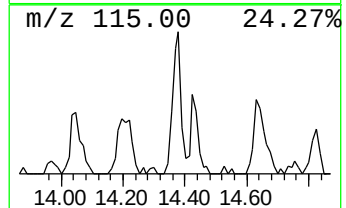
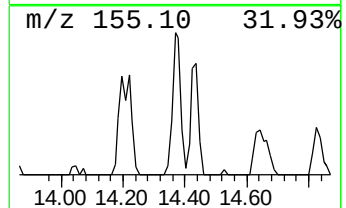
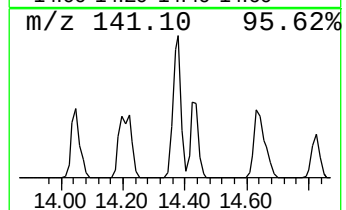
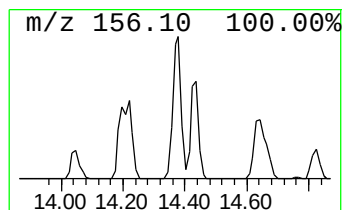
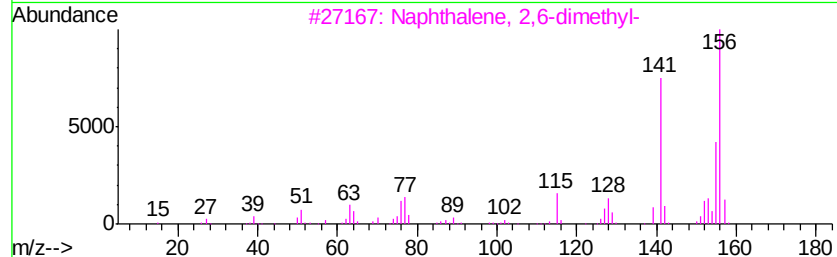
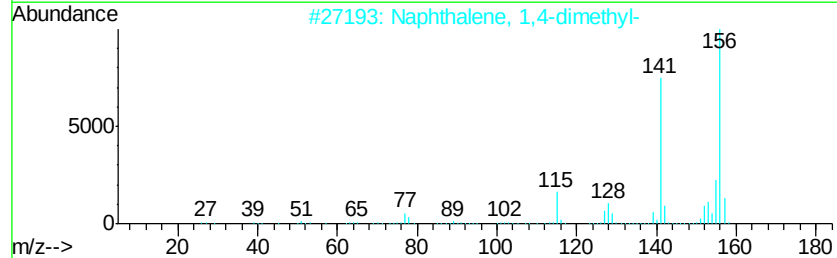
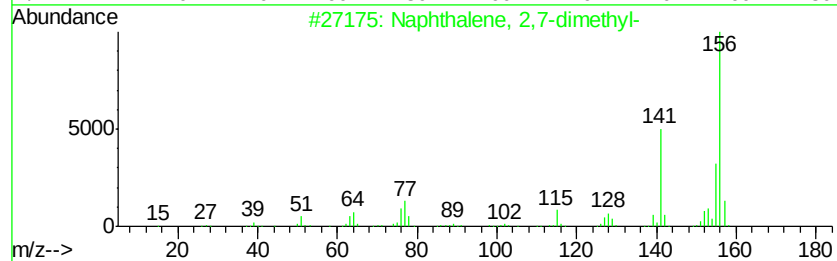
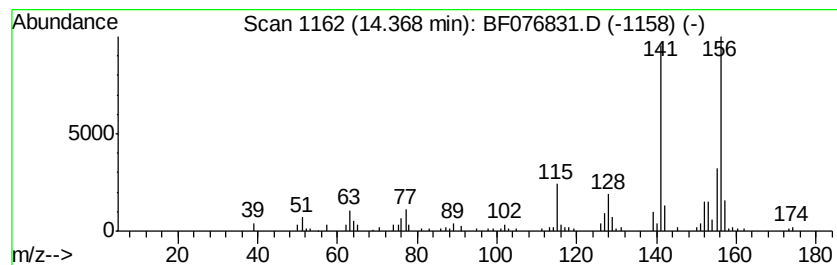
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.37	20.92 ng	279112	Acenaphthene-d10		15.13
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
Data File : BF076831.D
Acq On : 13 Jan 2015 5:53
Operator : IZ / TP
Sample : G1030-09 5X
Misc : S
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP3-SS-3(7-7.5)

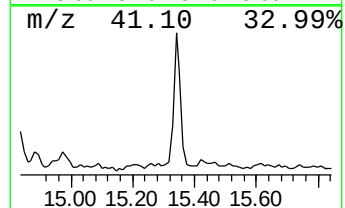
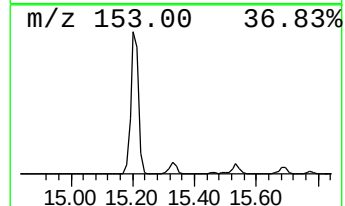
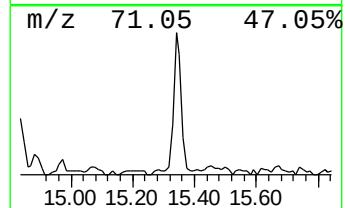
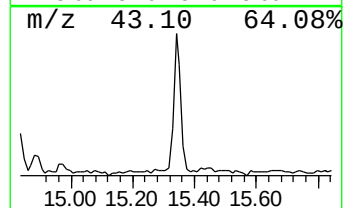
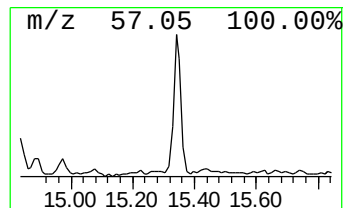
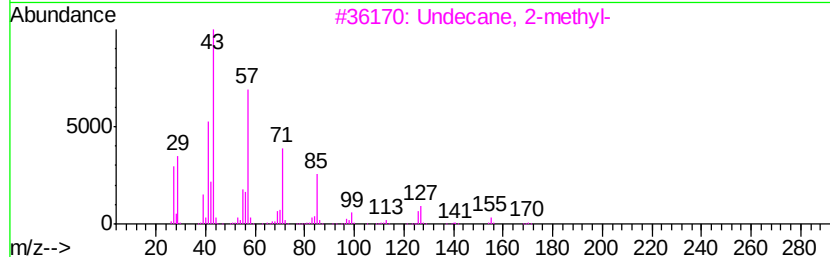
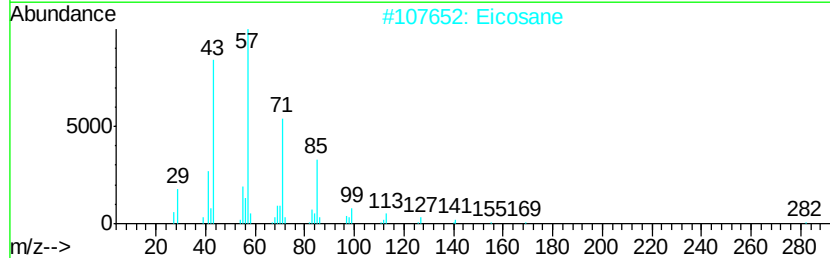
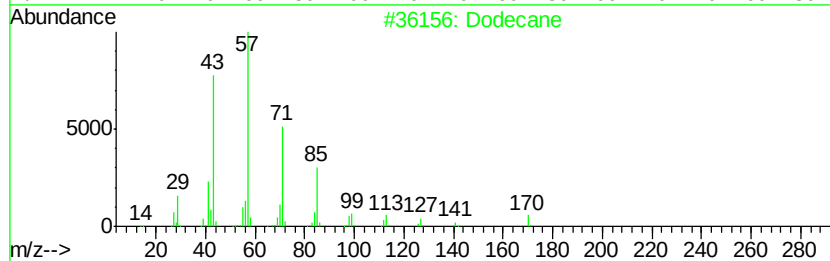
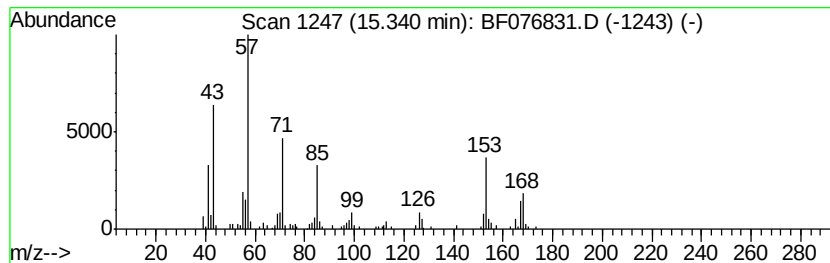
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	23.55 ng	314195	Acenaphthene-d10	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	60
2		Eicosane	282	C20H42	000112-95-8	49
3		Undecane, 2-methyl-	170	C12H26	007045-71-8	49
4		Tetradecane	198	C14H30	000629-59-4	46
5		Pentadecane	212	C15H32	000629-62-9	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
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Operator : IZ / TP
Sample : G1030-09 5X
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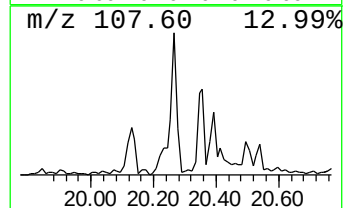
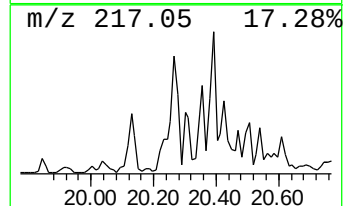
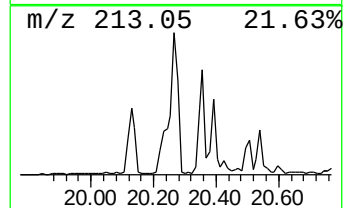
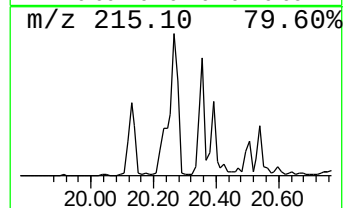
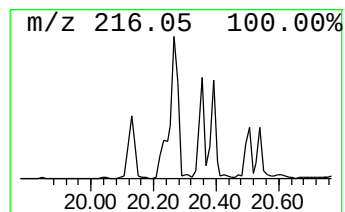
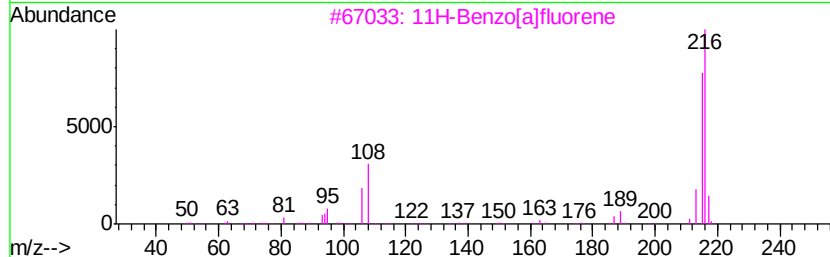
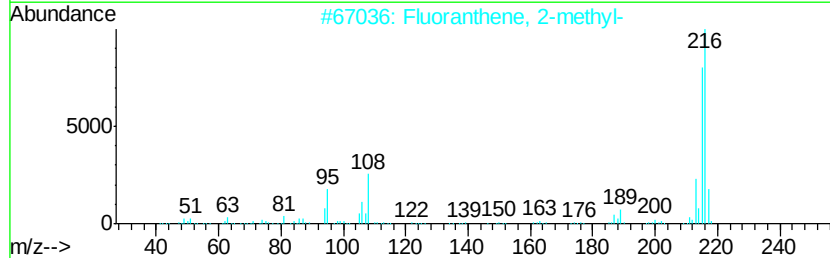
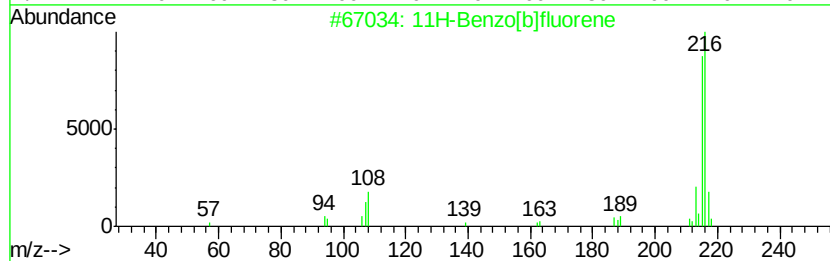
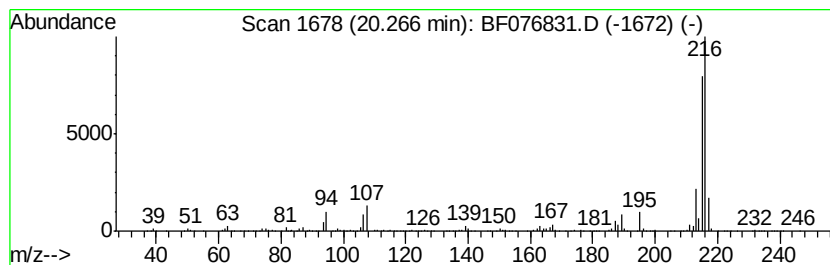
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.27	5.32 ng	2343370	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4		Pvrene, 1-methyl-	216	C17H12	002381-21-7	81
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
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Acq On : 13 Jan 2015 5:53
Operator : IZ / TP
Sample : G1030-09 5X
Misc : S
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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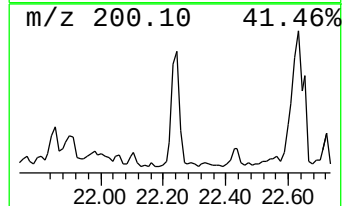
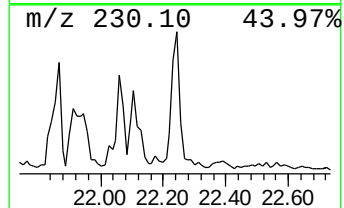
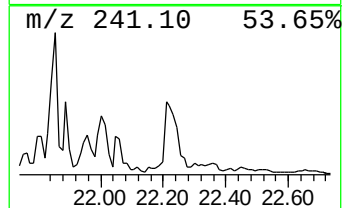
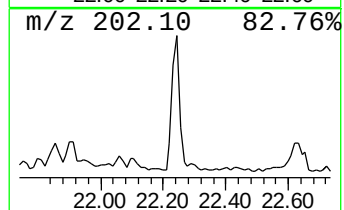
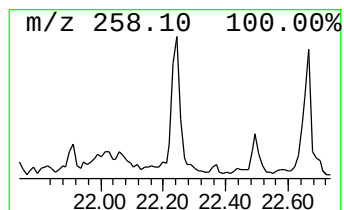
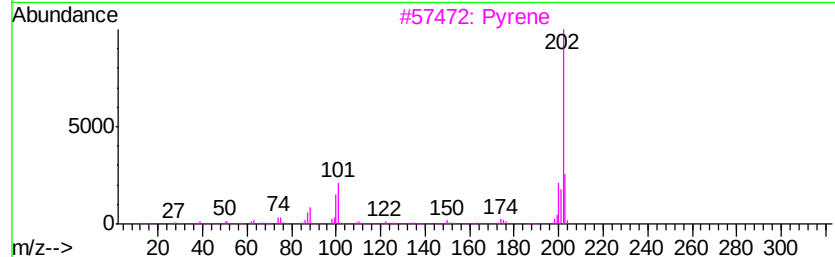
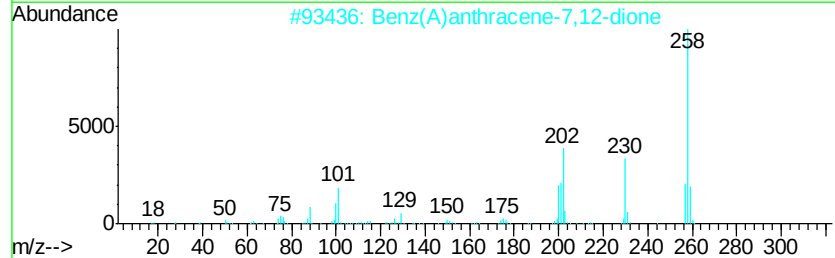
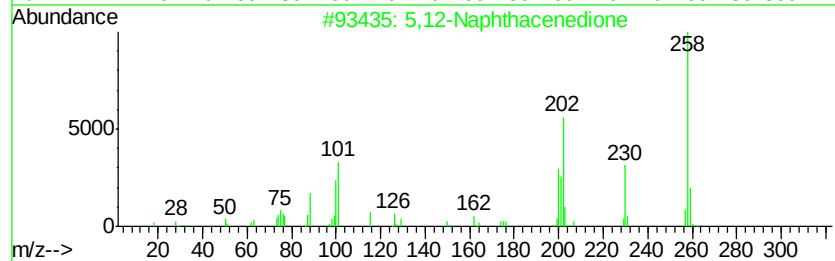
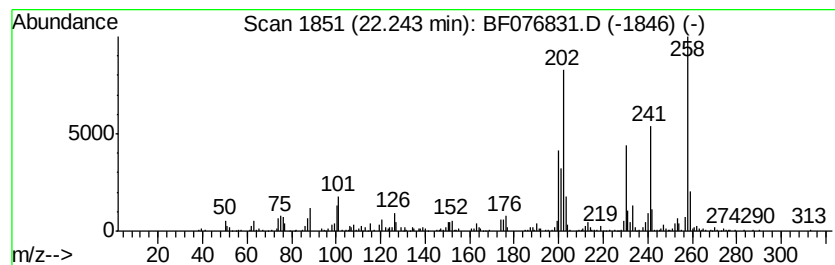
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 5,12-Naphthacenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.24	7.03 ng	827907	Perylene-d12	23.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	93
2		Benz(A)anthracene-7,12-dione	258	C18H10O2	002498-66-0	93
3		Pyrene	202	C16H10	000129-00-0	25
4		Benzoic acid, 4,4'-oxybis-	258	C14H10O5	002215-89-6	25
5		Fluoranthene	202	C16H10	000206-44-0	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
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Misc : S
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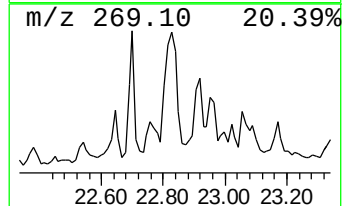
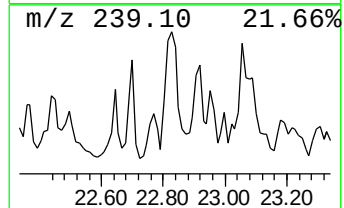
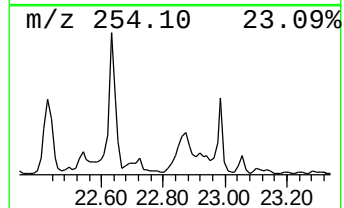
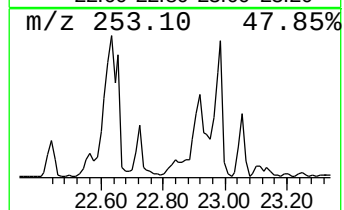
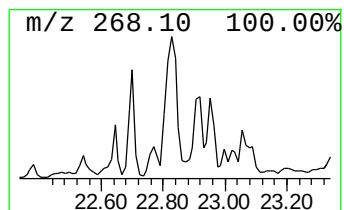
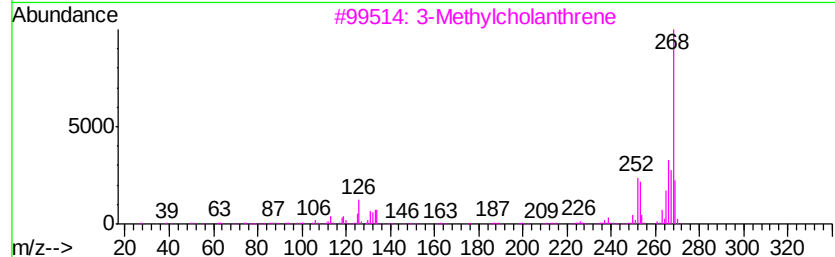
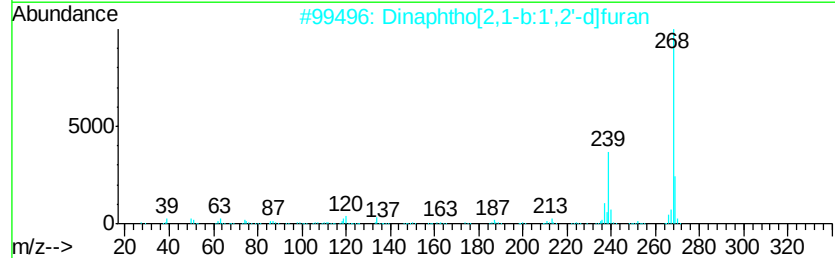
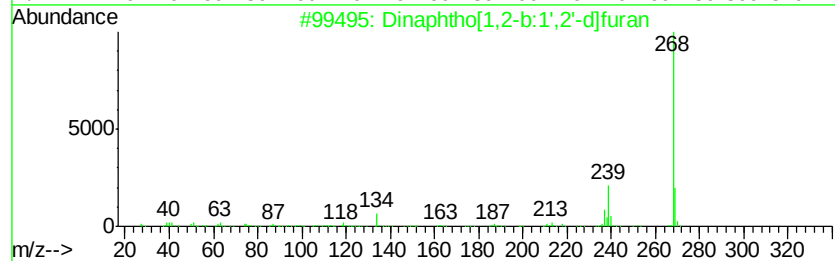
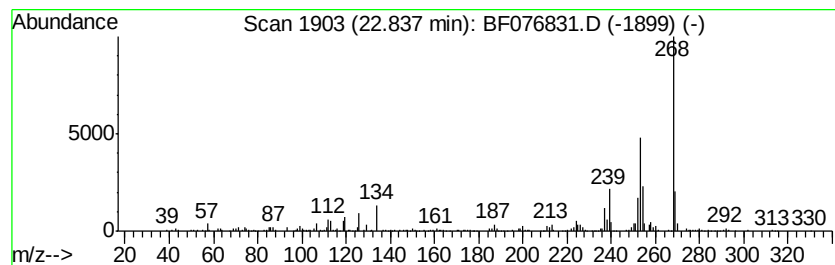
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TP3-SS-3(7-7.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
22.84	8.97 ng	1055230	Perylene-d12	23.02		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	78
2		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	53
3		3-Methylcholanthrene	268	C21H16	000056-49-5	49
4		3,4-Epoxy-4a-ethyl-2,3,4,4a,5,6-...	268	C17H20N2O	080249-75-8	46
5		Naphthalene, 1,1'-methylenebis-	268	C21H16	000607-50-1	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
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Sample : G1030-09 5X
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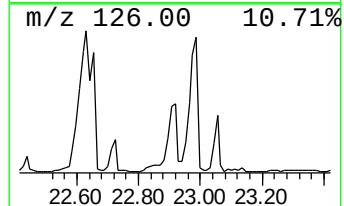
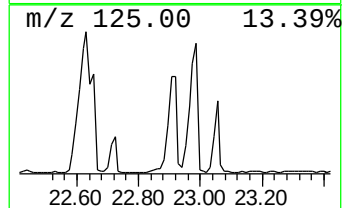
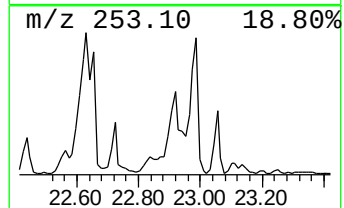
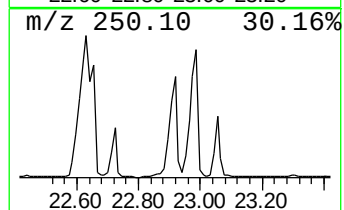
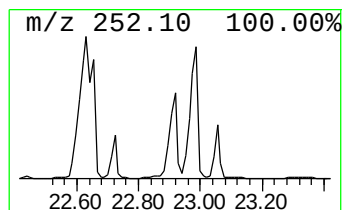
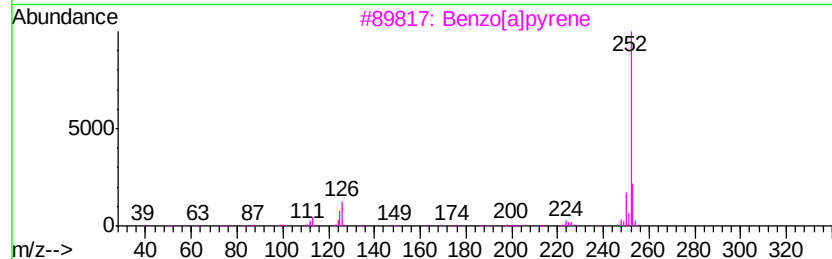
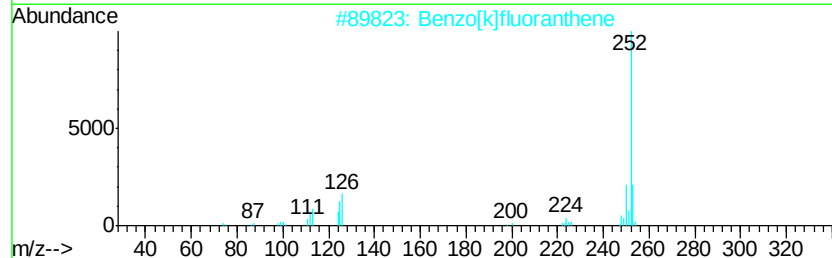
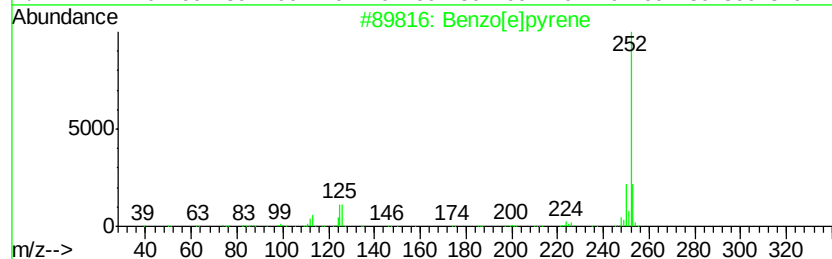
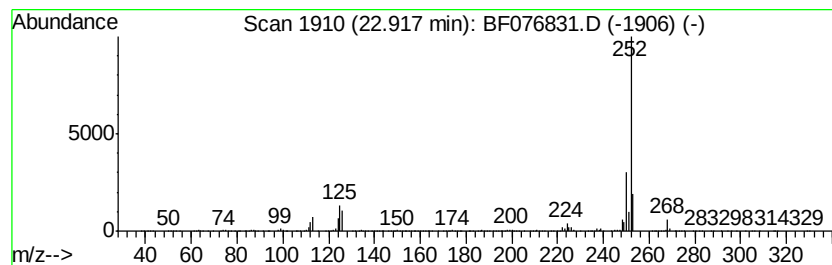
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.92	30.86 ng	3631180	Perylene-d12	23.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzo[e]pyrene	252 C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252 C20H12	000207-08-9	96
3	Benzo[a]pyrene	252 C20H12	000050-32-8	96
4	Perylene	252 C20H12	000198-55-0	95
5	Benzo[j]fluoranthene	252 C20H12	000205-82-3	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
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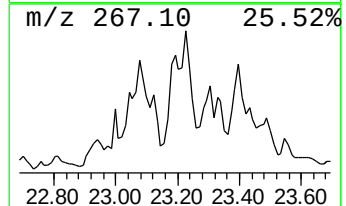
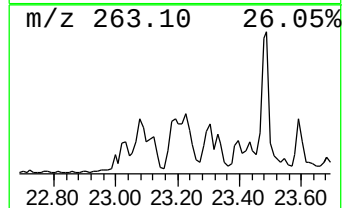
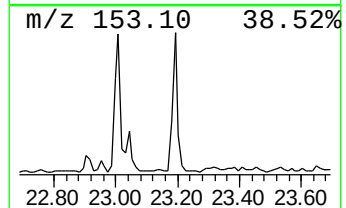
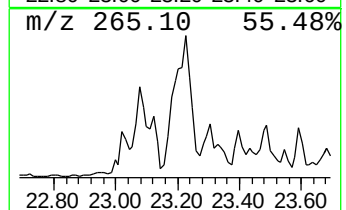
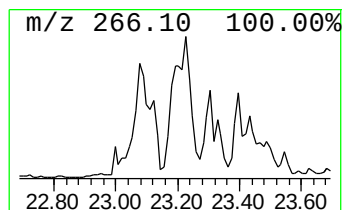
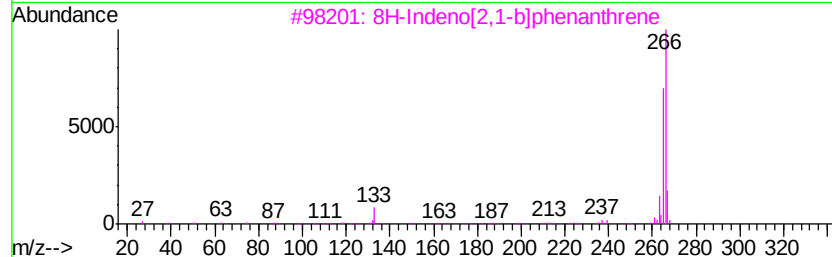
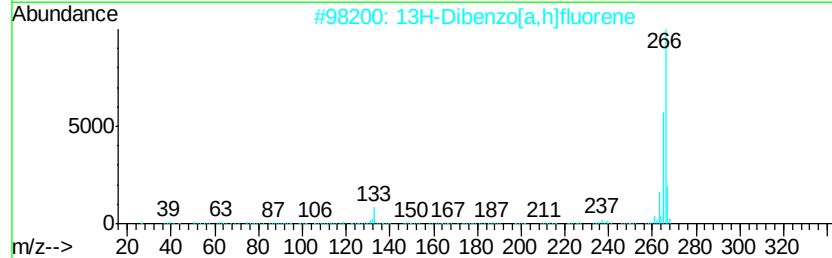
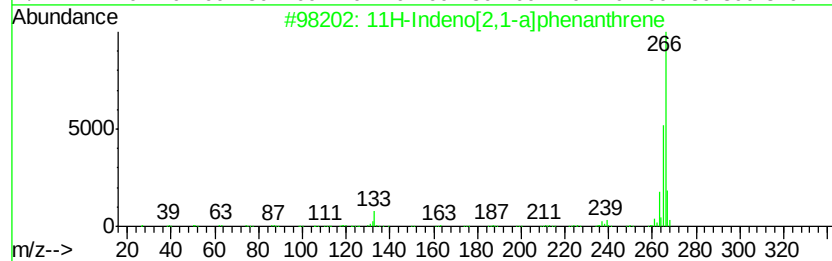
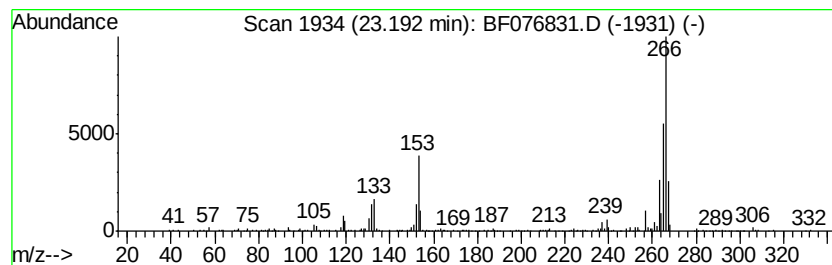
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.19	6.62 ng	779234	Perylene-d12	23.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Indeno[2,1-a]phenanthrene	266 C21H14	000220-97-3 78
2		13H-Dibenzo[a,h]fluorene	266 C21H14	000239-85-0 64
3		8H-Indeno[2,1-b]phenanthrene	266 C21H14	000241-28-1 58
4		Perylene, 3-methyl-	266 C21H14	024471-47-4 50
5		5-Hydroxy-4-methoxy-6H-indolo[3,...	266 C15H10N2O3	018110-86-6 47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
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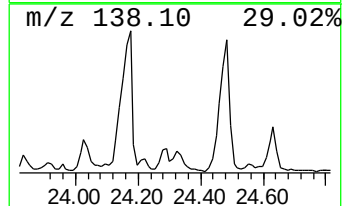
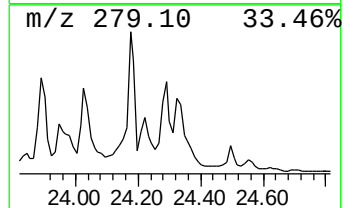
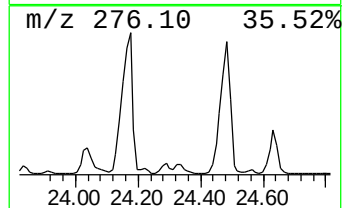
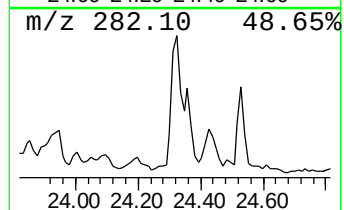
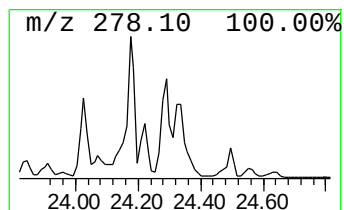
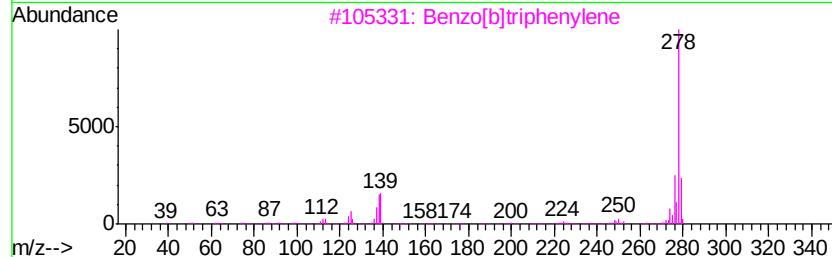
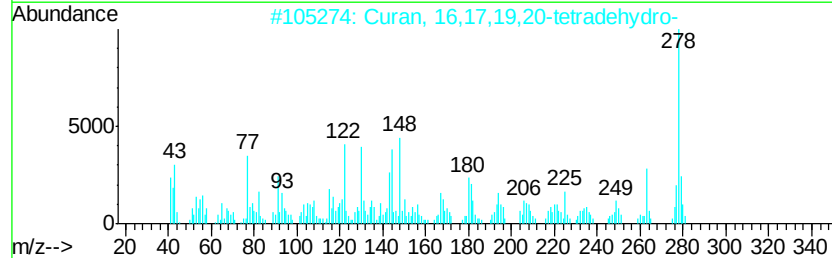
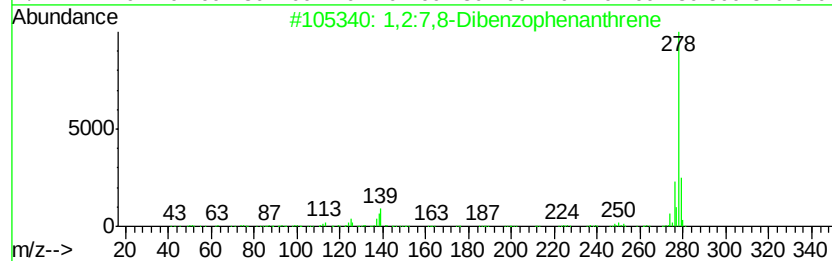
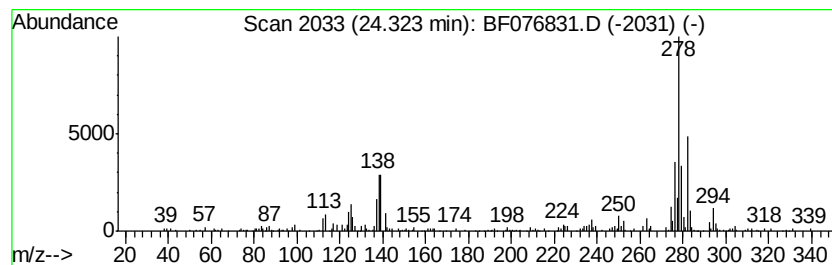
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1,2:7,8-Dibenzophenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.32	5.65 ng	664607	Perylene-d12	23.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	92
2			Curan, 16,17,19,20-tetradehydro-	278	C19H22N2	056053-17-9	86
3			Benzo[b]triphenylene	278	C22H14	000215-58-7	78
4			Estra-1,3,5,7,9,15-hexaen-17-one...	278	C19H18O2	056588-53-5	59
5			Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
Data File : BF076831.D
Acq On : 13 Jan 2015 5:53
Operator : IZ / TP
Sample : G1030-09 5X
Misc : S
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-SS-3(7-7.5)

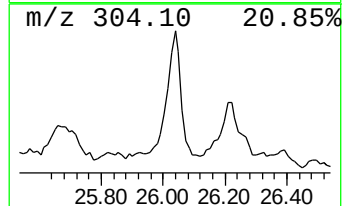
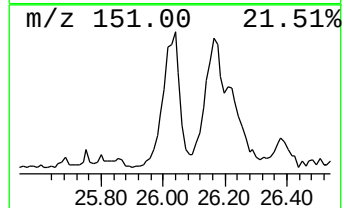
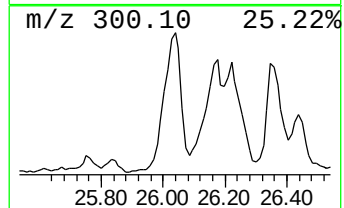
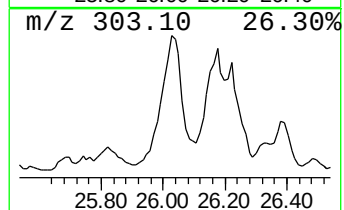
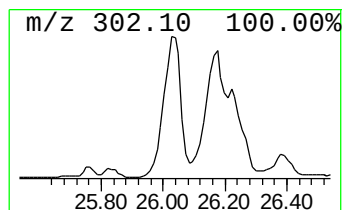
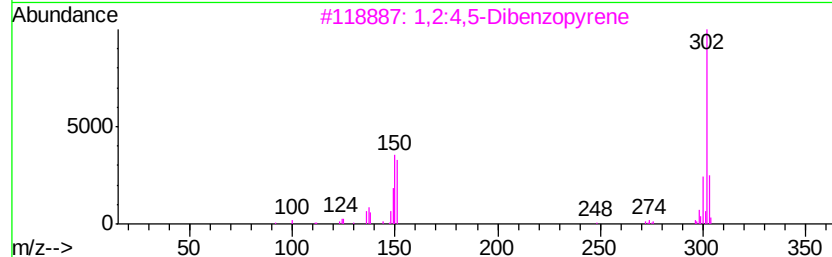
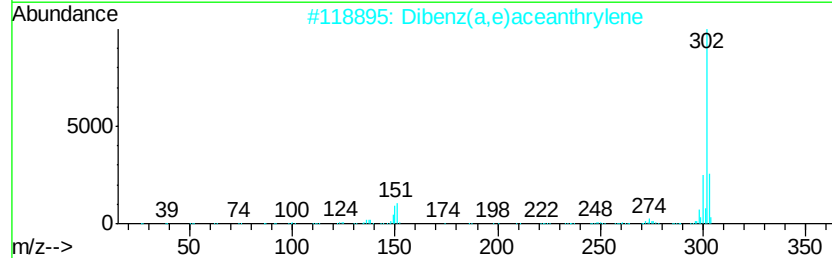
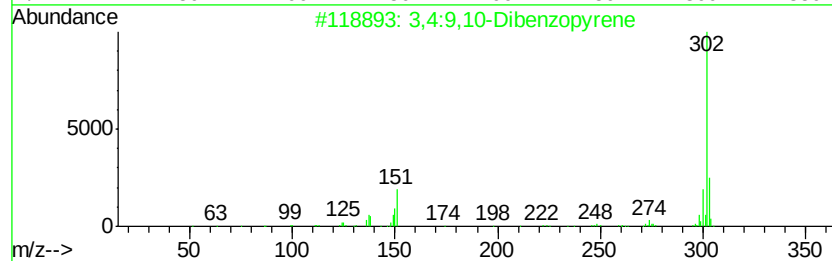
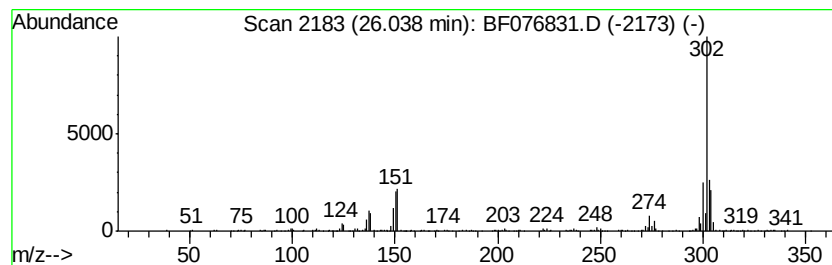
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
26.04	13.99 ng	1646090	Perylene-d12	23.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	97
2		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	97
3		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	89
4		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	86
5		1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076831.D
Acq On : 13 Jan 2015 5:53
Operator : IZ / TP
Sample : G1030-09 5X
Misc : S
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-SS-3(7-7.5)

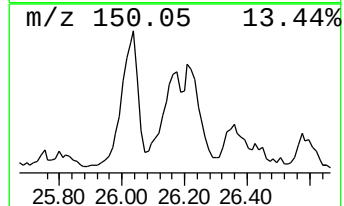
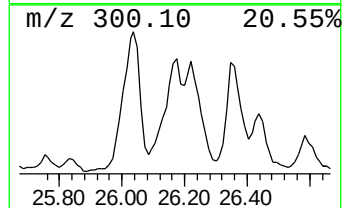
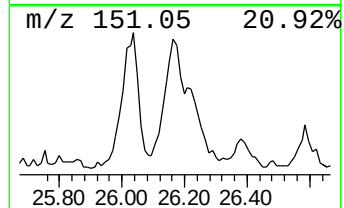
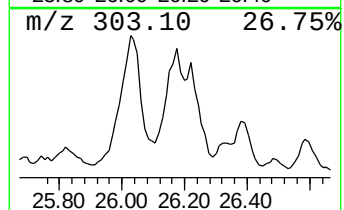
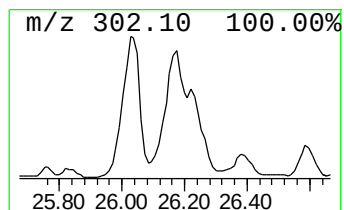
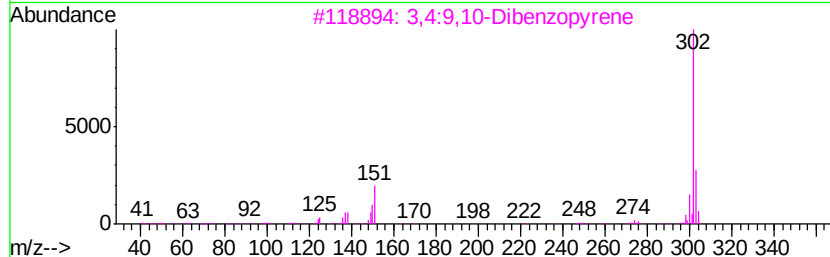
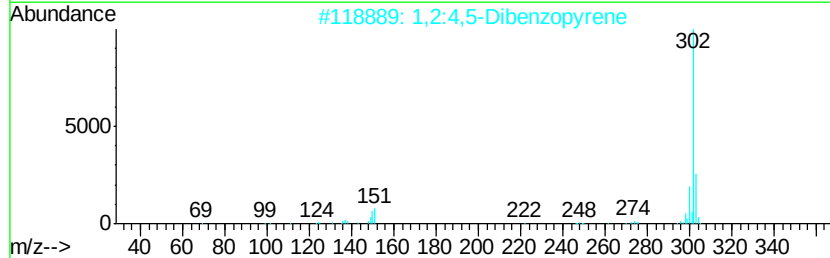
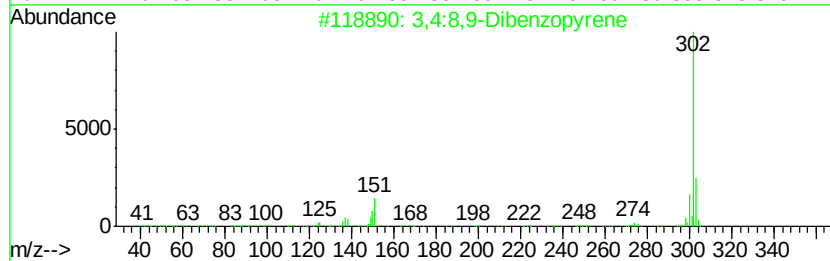
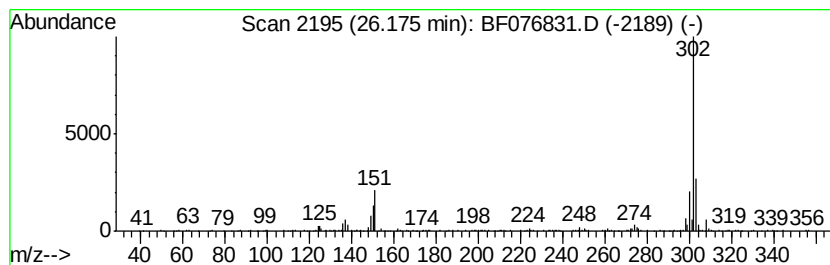
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 3,4:8,9-Dibenzopyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.17	7.70 ng	905597	Perylene-d12	23.02

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	97
3		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	94
4		1-(2-Aminobenzylidene)-1,2,3,4-t...	302	C20H18N2O	1000110-40-2	91
5		Dibenzo[fg,op]naphthacene	302	C24H14	000192-51-8	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
Data File : BF076831.D
Acq On : 13 Jan 2015 5:53
Operator : IZ / TP
Sample : G1030-09 5X
Misc : S
ALS Vial : 24 Sample Multiplier: 1

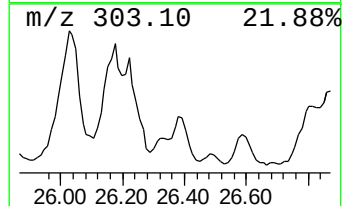
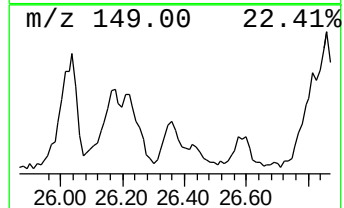
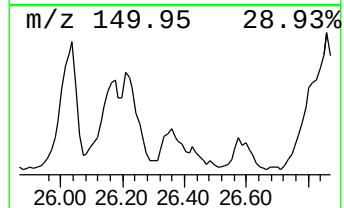
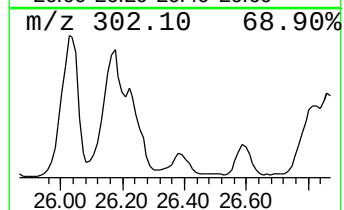
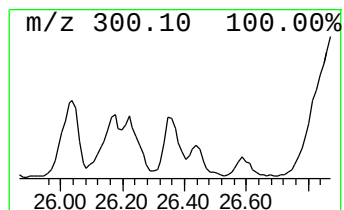
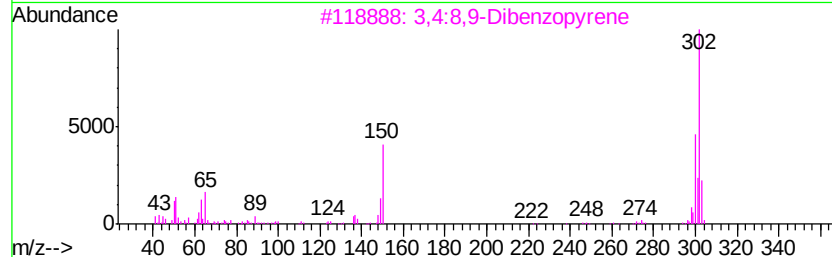
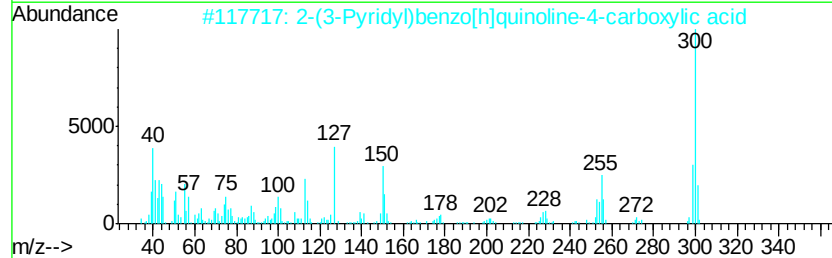
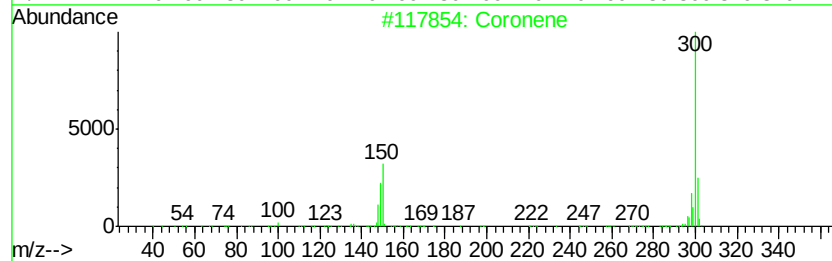
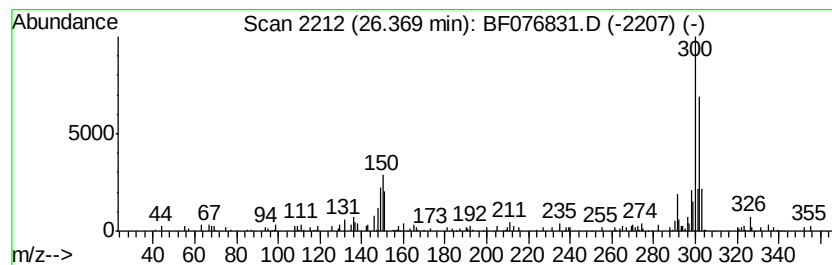
Instrument :
BNA_F
ClientSampleId :
TP3-SS-3(7-7.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
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 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
26.37	6.63 ng	780347	Perylene-d12	23.02		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Coronene		300	C24H12	000191-07-1	50
2	2-(3-Pyridyl)benzo[h]quinoline-4...		300	C19H12N2O2	303100-32-5	32
3	3,4:8,9-Dibenzopyrene		302	C24H14	000189-64-0	27
4	1,2:4,5-Dibenzopyrene		302	C24H14	000192-65-4	27
5	1,2:3,4-Dibenzopyrene		302	C24H14	000191-30-0	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
 Data File : BF076831.D
 Acq On : 13 Jan 2015 5:53
 Operator : IZ / TP
 Sample : G1030-09 5X
 Misc : S
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3-SS-3(7-7.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.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
Naphthalene, 1-me...	12.92	21.4	ng	291600	2	11.00	272473	20.0
Hexadecane	14.07	22.4	ng	299511	3	15.13	266782	20.0
Naphthalene, 2,7-...	14.37	20.9	ng	279112	3	15.13	266782	20.0
Dodecane	15.34	23.6	ng	314195	3	15.13	266782	20.0
11H-Benzo[b]fluorene	20.27	5.3	ng	2343370	5	21.37	8815920	20.0
5,12-Naphthacened...	22.24	7.0	ng	827907	6	23.02	2353680	20.0
Dinaphtho[1,2-b:1...	22.84	9.0	ng	1055230	6	23.02	2353680	20.0
Benzo[e]pyrene	22.92	30.9	ng	3631180	6	23.02	2353680	20.0
11H-Indeno[2,1-a]...	23.19	6.6	ng	779234	6	23.02	2353680	20.0
1,2:7,8-Dibenzoph...	24.32	5.7	ng	664607	6	23.02	2353680	20.0
3,4:9,10-Dibenzop...	26.04	14.0	ng	1646090	6	23.02	2353680	20.0
3,4:8,9-Dibenzopy...	26.17	7.7	ng	905597	6	23.02	2353680	20.0
Coronene	26.37	6.6	ng	780347	6	23.02	2353680	20.0