

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
 Data File : BF081608.D
 Acq On : 14 Sep 2015 15:10
 Operator : UM/IZ
 Sample : G3597-02 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-2(0-5)

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-BF090115.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	1.543	16	18	58	rVB	735717	2574738	100.00%	9.184%
2	4.469	272	274	287	rBV	69893	151274	5.88%	0.540%
3	5.372	351	353	365	rBV	117623	242564	9.42%	0.865%
4	7.635	549	551	557	rBV	125657	261658	10.16%	0.933%
5	7.737	557	560	567	rVB	165663	285344	11.08%	1.018%
6	8.229	600	603	608	rBB	166780	278716	10.83%	0.994%
7	8.549	628	631	636	rBB	129248	198324	7.70%	0.707%
8	9.509	712	715	726	rVB	102746	175470	6.82%	0.626%
9	11.121	853	856	860	rBV	216304	377184	14.65%	1.345%
10	13.761	1084	1087	1091	rBV	201047	311401	12.09%	1.111%
11	14.824	1177	1180	1183	rVB	35622	53144	2.06%	0.190%
12	14.904	1184	1187	1195	rVB	99821	181565	7.05%	0.648%
13	15.258	1214	1218	1222	rBV2	250246	399537	15.52%	1.425%
14	16.573	1330	1333	1338	rVB2	22780	48941	1.90%	0.175%
15	17.156	1380	1384	1390	rVB2	112021	199839	7.76%	0.713%
16	18.767	1521	1525	1527	rBV	246855	419029	16.27%	1.495%
17	18.824	1527	1530	1533	rVV	548965	873809	33.94%	3.117%
18	18.939	1537	1540	1546	rVB	129222	208375	8.09%	0.743%
19	19.419	1578	1582	1585	rBV	30910	56166	2.18%	0.200%
20	19.567	1592	1595	1598	rVB2	51263	80417	3.12%	0.287%
21	19.899	1618	1624	1629	rBV3	13231	52302	2.03%	0.187%
22	20.002	1629	1633	1635	rBV	144905	247746	9.62%	0.884%
23	20.059	1635	1638	1641	rVV	163057	271822	10.56%	0.970%
24	20.173	1645	1648	1649	rVV	51230	87567	3.40%	0.312%
25	20.242	1649	1654	1656	rVV2	122938	395069	15.34%	1.409%
26	20.299	1656	1659	1662	rVB	120225	215907	8.39%	0.770%
27	20.516	1673	1678	1679	rBV4	26994	59796	2.32%	0.213%
28	20.550	1679	1681	1689	rVV5	29070	84934	3.30%	0.303%
29	20.744	1690	1698	1702	rVV2	117123	352900	13.71%	1.259%
30	20.859	1705	1708	1711	rBV	36790	73698	2.86%	0.263%
31	21.019	1717	1722	1725	rBV2	40378	119964	4.66%	0.428%
32	21.076	1725	1727	1729	rVV	61450	86592	3.36%	0.309%
33	21.122	1729	1731	1733	rVB	39813	58840	2.29%	0.210%
34	21.213	1735	1739	1741	rBV	137601	309590	12.02%	1.104%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	21.247	1741	1742	1745	rVV2	89431	164036	6.37%	0.585%
36	21.316	1745	1748	1750	rVV2	95813	185466	7.20%	0.662%
37	21.350	1750	1751	1755	rVB	67748	121820	4.73%	0.435%
38	21.453	1755	1760	1762	rBV	1230099	1844568	71.64%	6.580%
39	21.545	1765	1768	1770	rBV2	49269	106776	4.15%	0.381%
40	21.590	1770	1772	1775	rVB3	56385	106945	4.15%	0.381%
41	21.659	1775	1778	1780	rBV2	44845	62371	2.42%	0.222%
42	21.727	1780	1784	1786	rVB3	43495	73971	2.87%	0.264%
43	21.796	1786	1790	1793	rBV	1390684	2325019	90.30%	8.294%
44	21.899	1797	1799	1802	rBV2	81982	129317	5.02%	0.461%
45	21.956	1802	1804	1807	rVB	48862	68890	2.68%	0.246%
46	22.002	1807	1808	1809	rBV	43415	59219	2.30%	0.211%
47	22.036	1809	1811	1815	rVB	108503	175872	6.83%	0.627%
48	22.116	1815	1818	1820	rBV	283573	371674	14.44%	1.326%
49	22.150	1820	1821	1824	rVB	126484	190329	7.39%	0.679%
50	22.276	1828	1832	1833	rBV2	137099	303151	11.77%	1.081%
51	22.390	1840	1842	1844	rBV	95889	157696	6.12%	0.563%
52	22.436	1844	1846	1852	rBV2	216090	352694	13.70%	1.258%
53	22.550	1854	1856	1858	rVV	183498	185390	7.20%	0.661%
54	22.585	1858	1859	1861	rVB	155489	187014	7.26%	0.667%
55	22.870	1877	1884	1887	rBV4	74421	282487	10.97%	1.008%
56	22.962	1888	1892	1894	rVB	165361	281236	10.92%	1.003%
57	23.042	1897	1899	1901	rVB	36929	48330	1.88%	0.172%
58	23.088	1901	1903	1905	rBV2	154725	263113	10.22%	0.939%
59	23.133	1905	1907	1909	rVB2	147141	268379	10.42%	0.957%
60	23.179	1909	1911	1913	rBV2	112074	128708	5.00%	0.459%
61	23.225	1913	1915	1918	rVB	193164	211998	8.23%	0.756%
62	23.293	1919	1921	1923	rVB	60846	62983	2.45%	0.225%
63	23.385	1925	1929	1931	rBV2	797165	1410975	54.80%	5.033%
64	23.430	1931	1933	1934	rVV	774059	924672	35.91%	3.298%
65	23.465	1934	1936	1937	rVV2	41561	53004	2.06%	0.189%
66	23.499	1937	1939	1942	rVB	111534	117973	4.58%	0.421%
67	23.556	1942	1944	1946	rBV2	70823	82239	3.19%	0.293%
68	23.602	1946	1948	1949	rVV2	39665	56099	2.18%	0.200%
69	23.625	1949	1950	1952	rVB2	63880	76658	2.98%	0.273%
70	23.670	1952	1954	1956	rBV2	68764	100077	3.89%	0.357%
71	23.716	1956	1958	1961	rVB2	40024	65104	2.53%	0.232%

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72	23.796	1964	1965	1966	rBV	67315	72597	2.82%	0.259%
73	23.842	1966	1969	1970	rVV	235392	275402	10.70%	0.982%
74	23.876	1970	1972	1974	rVV	113151	139652	5.42%	0.498%
75	23.945	1976	1978	1979	rVV2	68627	99531	3.87%	0.355%
76	23.968	1979	1980	1983	rVB2	77119	120374	4.68%	0.429%
77	24.185	1995	1999	2004	rBV4	57345	196418	7.63%	0.701%
78	24.253	2004	2005	2007	rBV	42416	49728	1.93%	0.177%
79	24.345	2010	2013	2015	rVV2	77571	161013	6.25%	0.574%
80	24.425	2018	2020	2023	rVB3	35517	77473	3.01%	0.276%
81	24.493	2023	2026	2030	rBV2	696083	1385870	53.83%	4.944%
82	24.585	2031	2034	2035	rVB2	124746	158297	6.15%	0.565%
83	24.733	2045	2047	2050	rBV	421276	529527	20.57%	1.889%
84	24.791	2050	2052	2054	rVB	689975	777128	30.18%	2.772%
85	24.825	2054	2055	2062	rBV3	175775	461115	17.91%	1.645%
86	24.962	2065	2067	2069	rBV3	44817	74394	2.89%	0.265%
87	25.236	2088	2091	2094	rVB3	61741	129147	5.02%	0.461%
88	25.591	2118	2122	2123	rBV3	31268	78263	3.04%	0.279%
89	25.636	2123	2126	2127	rBV2	34402	64405	2.50%	0.230%
90	25.751	2134	2136	2139	rBV3	48096	100980	3.92%	0.360%
91	25.888	2144	2148	2151	rBV	310028	489025	18.99%	1.744%
92	26.002	2156	2158	2160	rBV	59467	100549	3.91%	0.359%
93	26.048	2160	2162	2164	rVB	58542	78306	3.04%	0.279%
94	26.196	2171	2175	2181	rVB	230418	399025	15.50%	1.423%
95	26.356	2186	2189	2194	rVB	66268	152187	5.91%	0.543%
96	26.448	2194	2197	2202	rVB3	19663	52089	2.02%	0.186%
97	26.734	2218	2222	2227	rVB2	17482	53147	2.06%	0.190%
98	26.985	2242	2244	2254	rVB5	33942	123226	4.79%	0.440%
99	27.739	2304	2310	2314	rBV2	58238	162683	6.32%	0.580%
100	27.865	2317	2321	2323	rBV	28132	71685	2.78%	0.256%

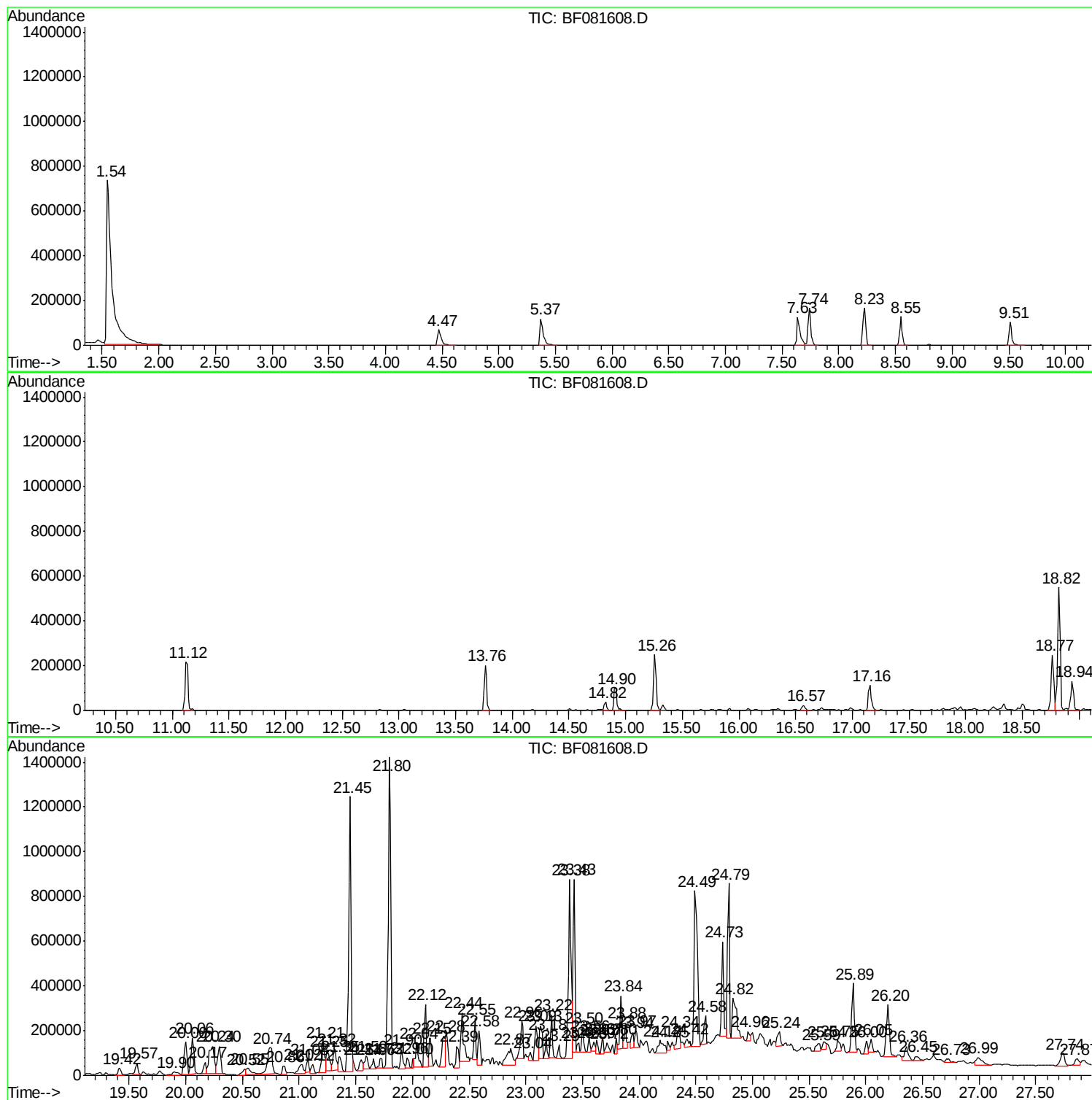
Sum of corrected areas: 28033711

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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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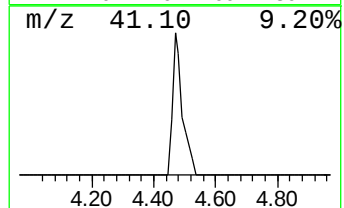
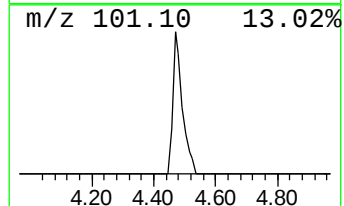
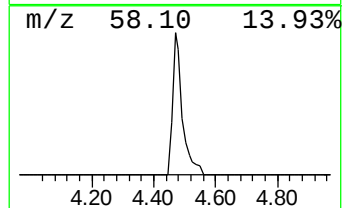
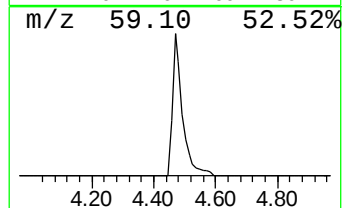
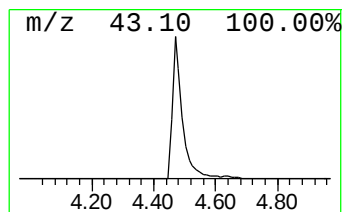
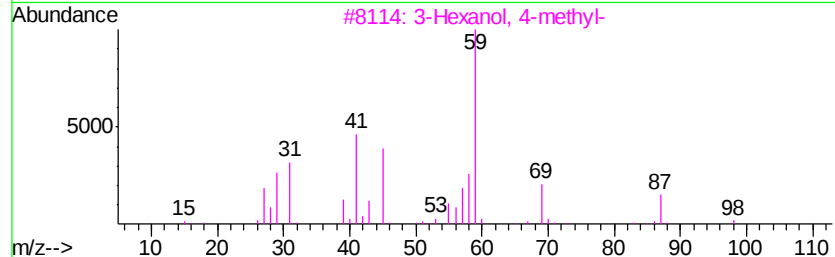
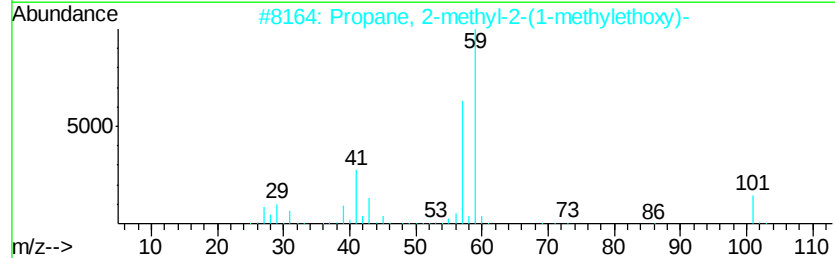
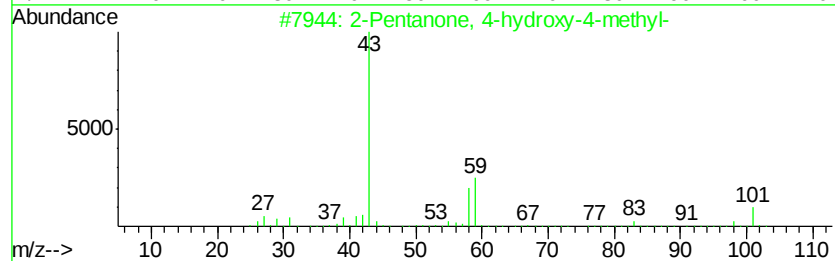
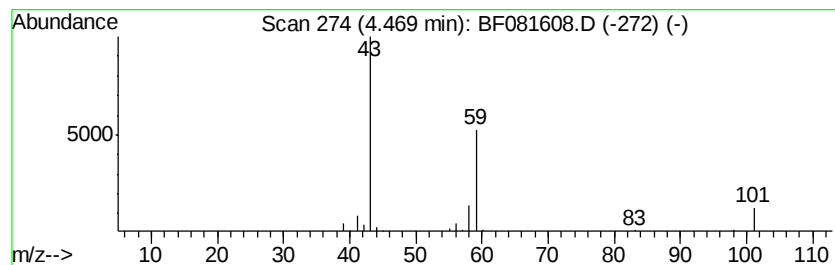
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.47	10.86 ng	151274	1,4-Dichlorobenzene-d4	8.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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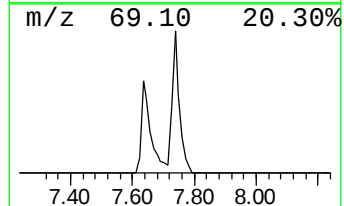
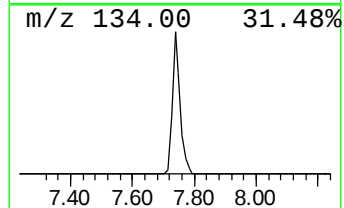
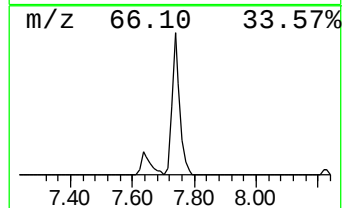
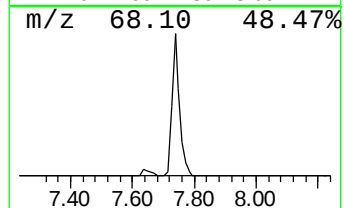
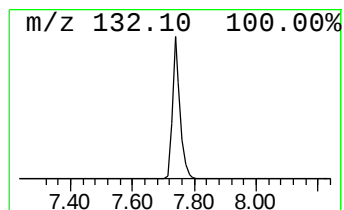
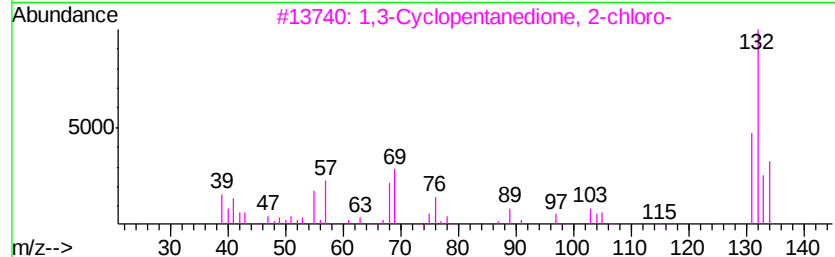
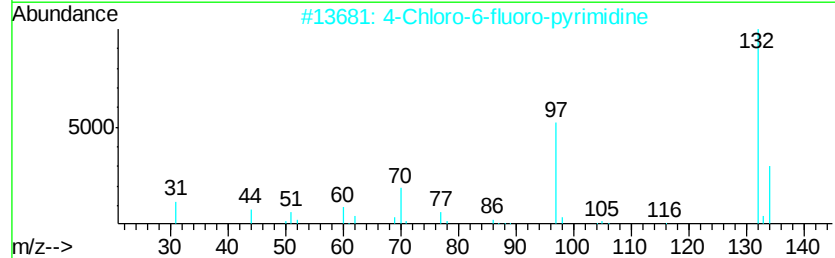
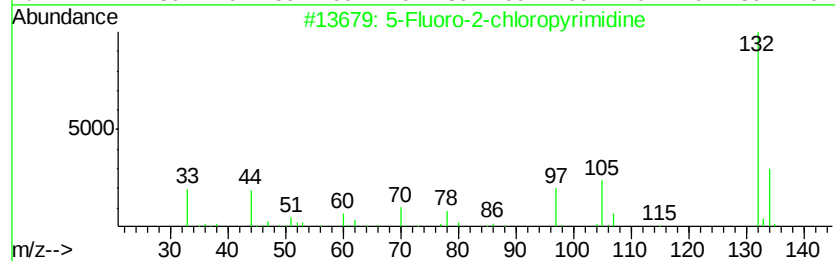
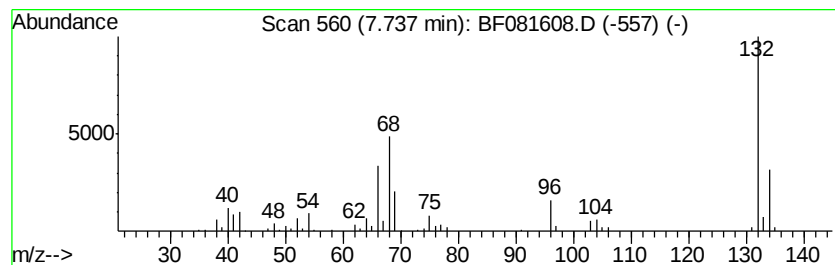
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.74 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	20.48 ng	285344	1,4-Dichlorobenzene-d4	8.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16



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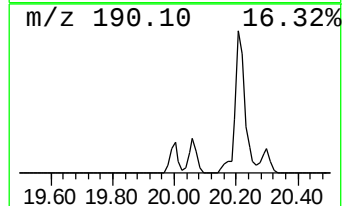
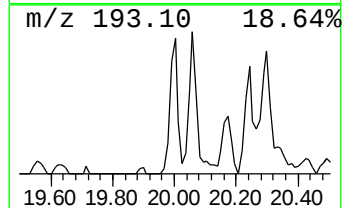
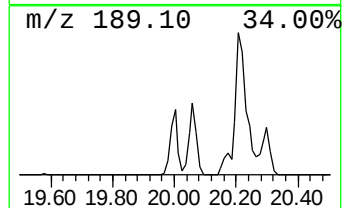
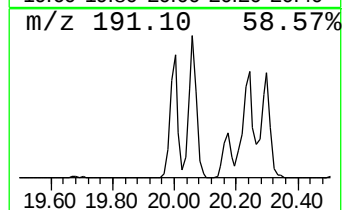
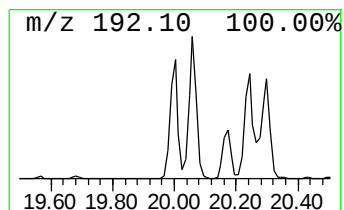
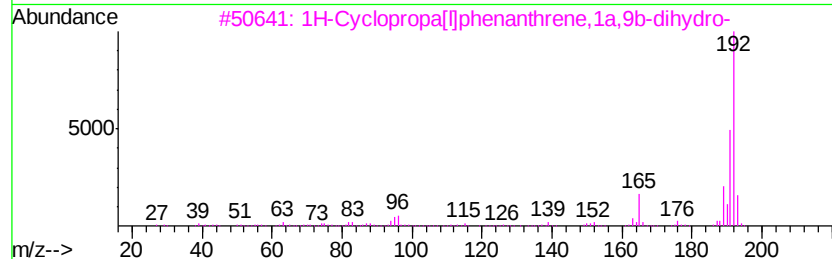
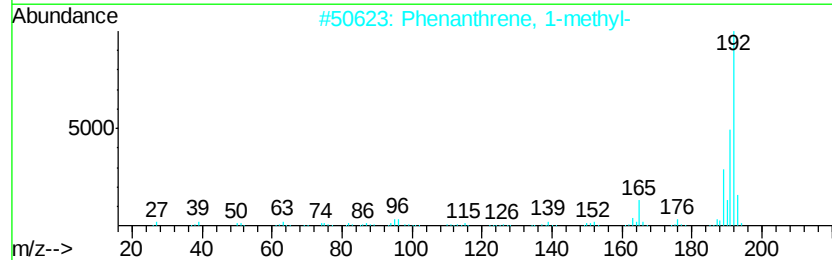
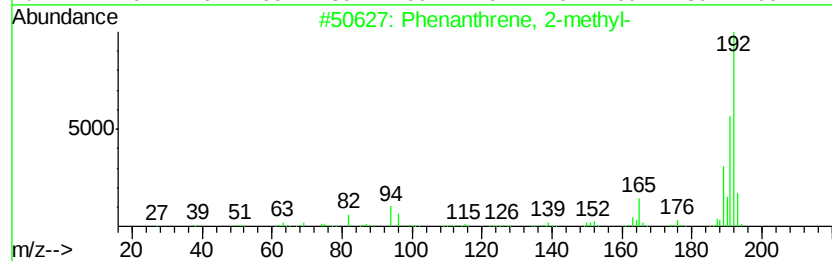
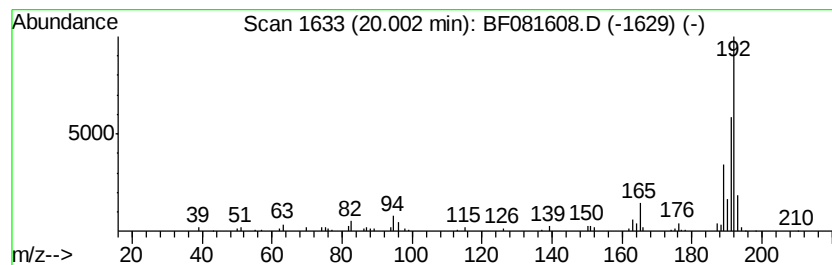
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	11.82 ng	247746	Phenanthrene-d10	18.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	95
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081608.D
Acq On : 14 Sep 2015 15:10
Operator : UM/IZ
Sample : G3597-02 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GP-2(0-5)

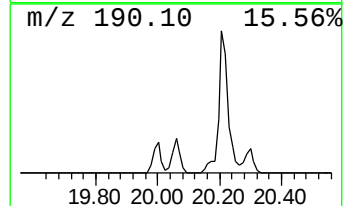
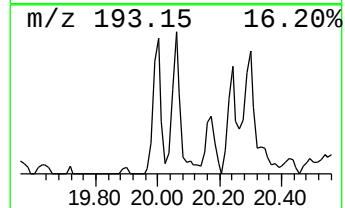
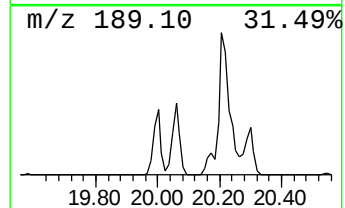
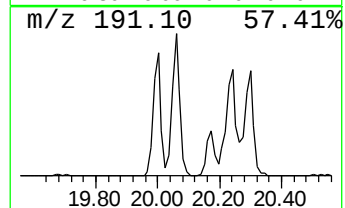
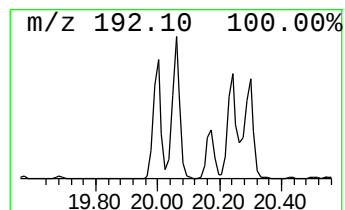
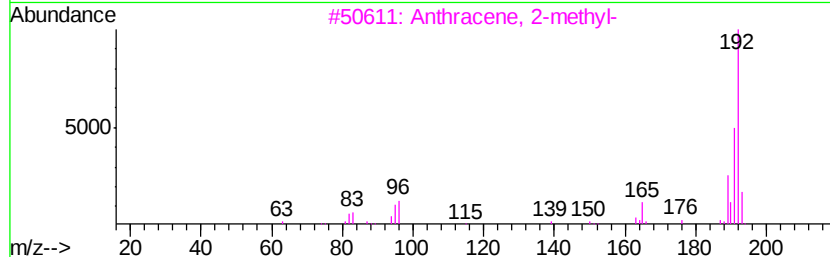
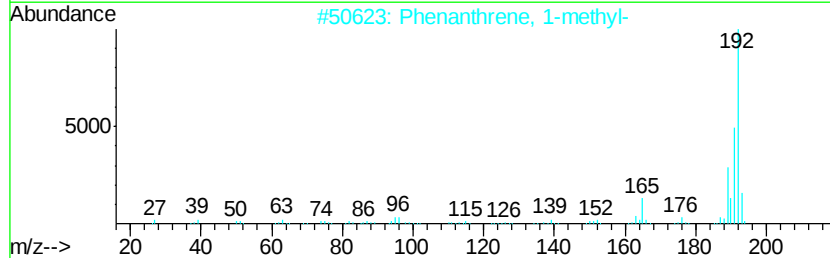
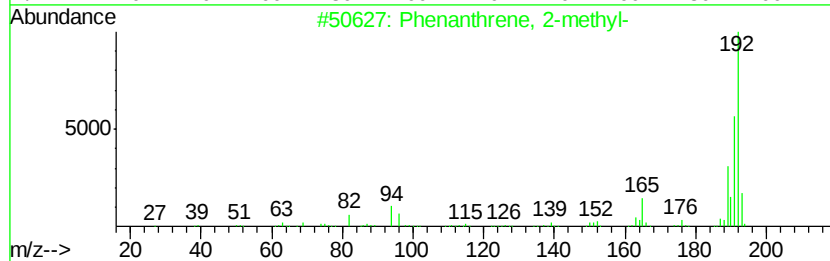
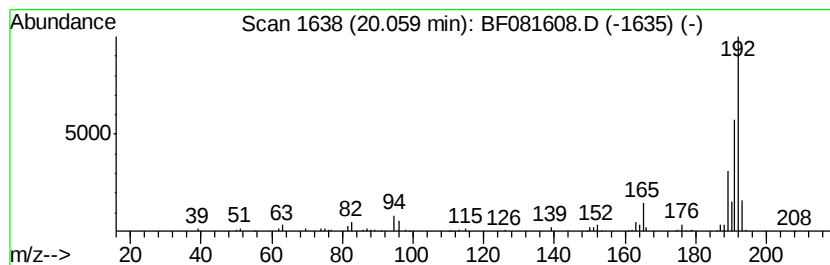
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	12.97 ng	271822	Phenanthrene-d10	18.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5		1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
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Acq On : 14 Sep 2015 15:10
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ALS Vial : 7 Sample Multiplier: 1

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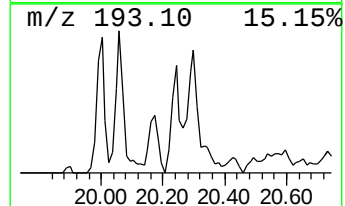
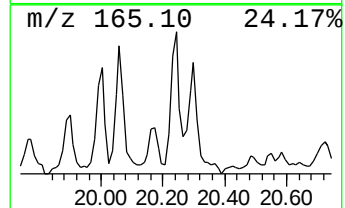
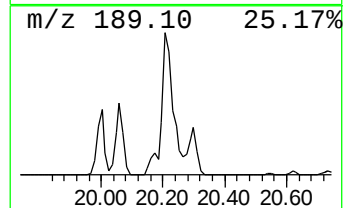
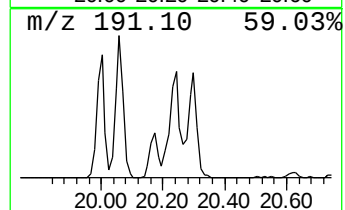
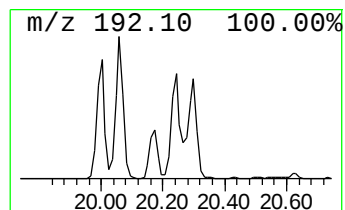
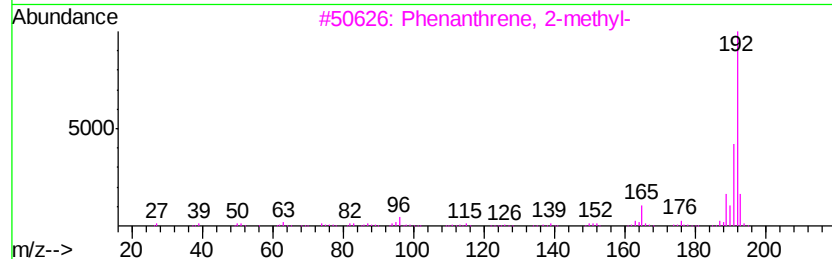
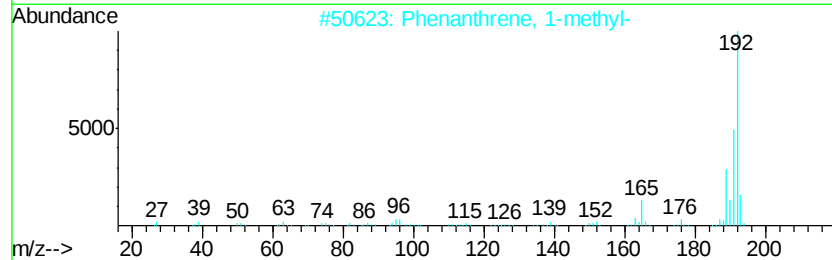
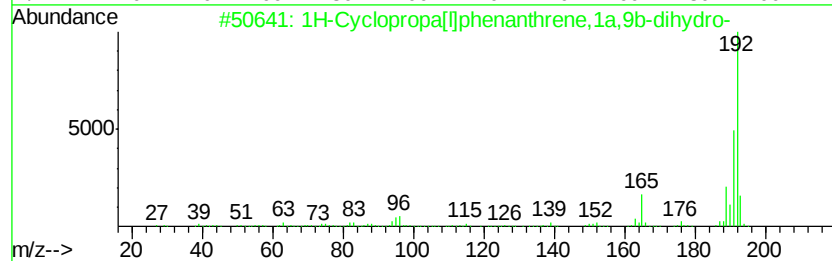
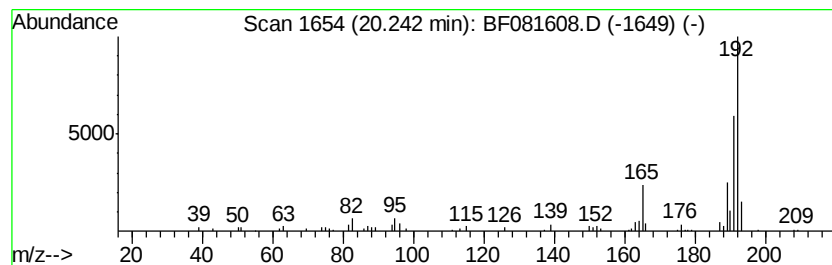
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.24	18.86 ng	395069	Phenanthrene-d10	18.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	94
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4		1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	87
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081608.D
Acq On : 14 Sep 2015 15:10
Operator : UM/IZ
Sample : G3597-02 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

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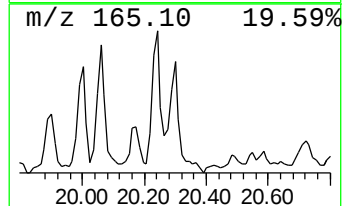
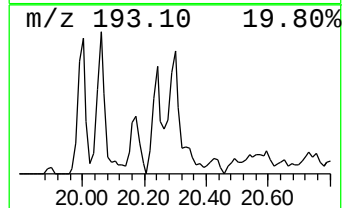
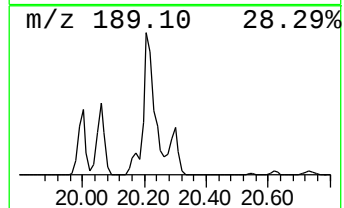
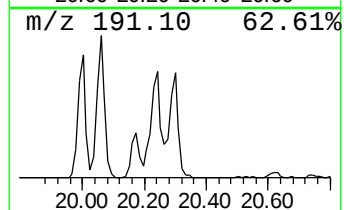
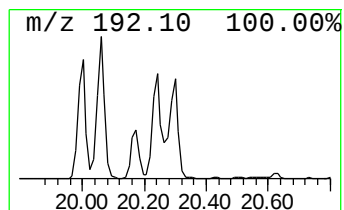
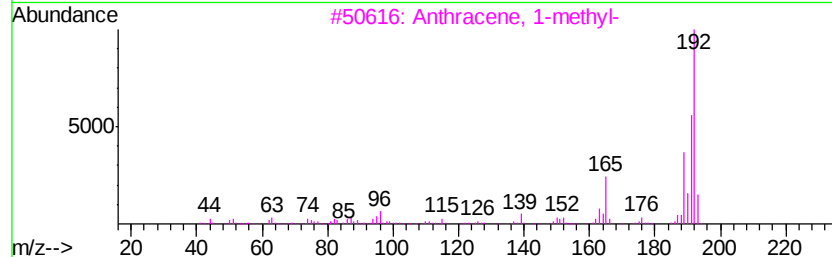
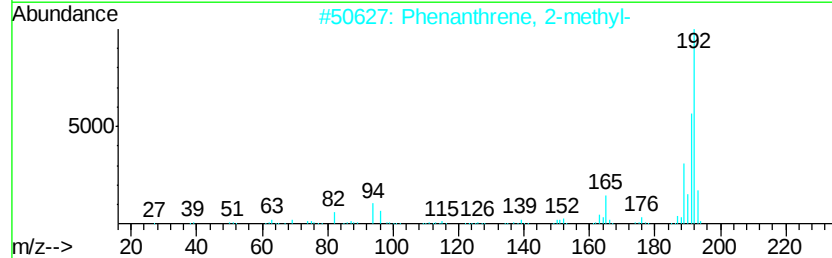
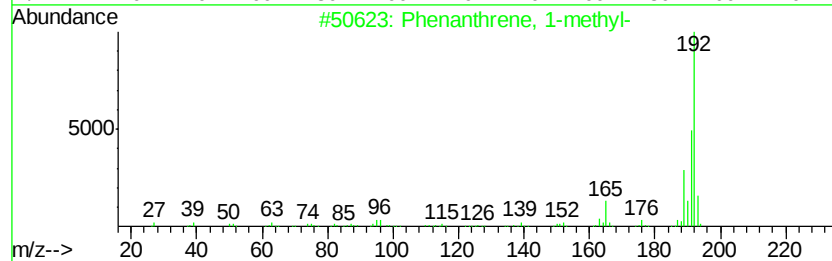
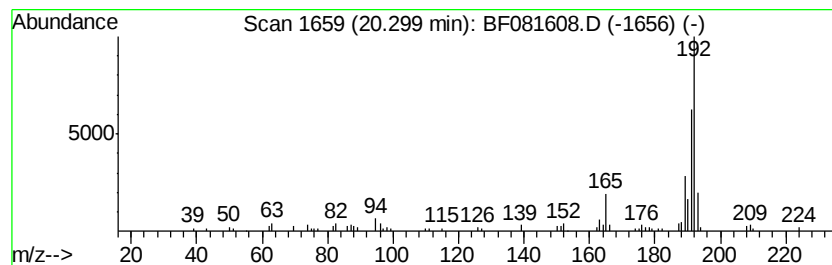
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	10.31 ng	215907	Phenanthrene-d10	18.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93
5		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081608.D
Acq On : 14 Sep 2015 15:10
Operator : UM/IZ
Sample : G3597-02 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

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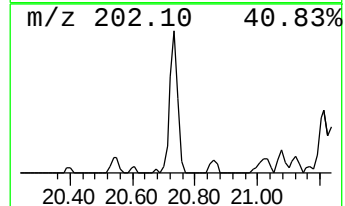
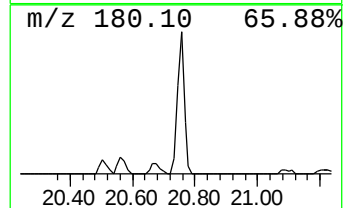
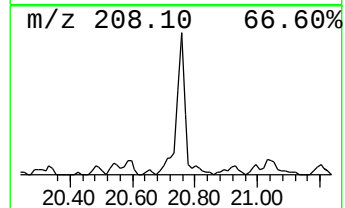
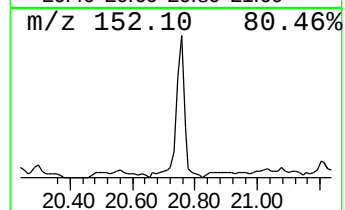
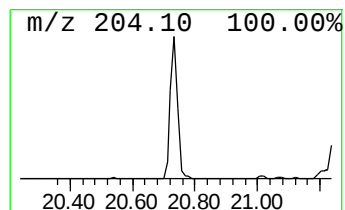
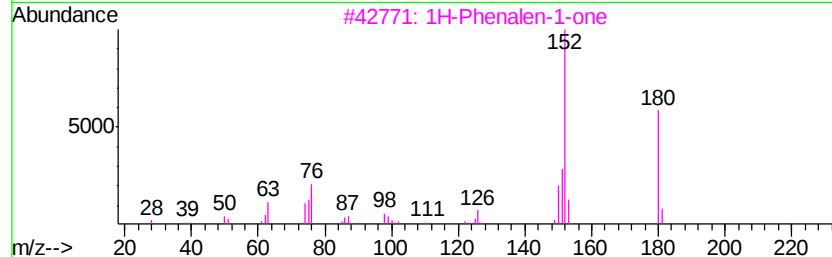
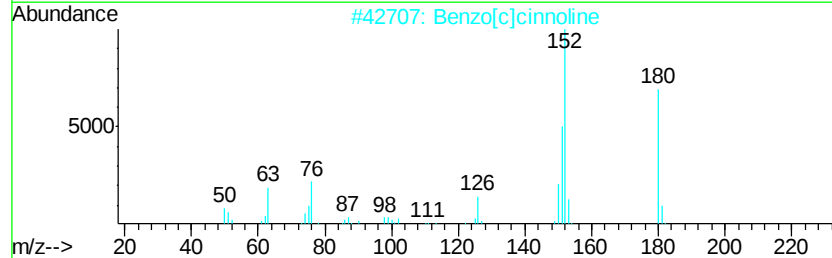
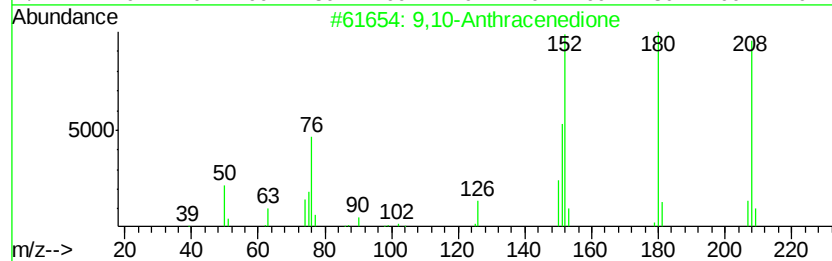
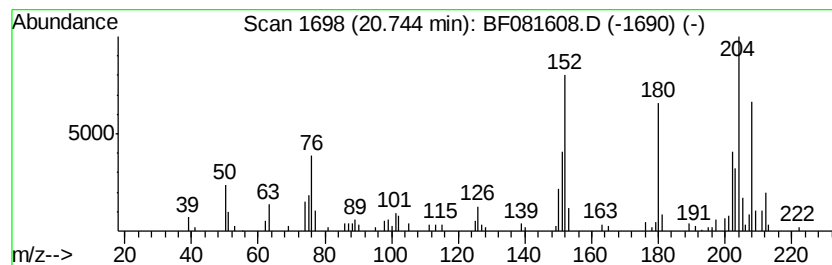
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
20.74	16.84 ng	352900	Phenanthrene-d10		18.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione			208	C14H8O2	000084-65-1	95
2	Benzo[c]cinnoline			180	C12H8N2	000230-17-1	89
3	1H-Phenalen-1-one			180	C13H8O	000548-39-0	86
4	9H-Fluoren-9-one			180	C13H8O	000486-25-9	64
5	9,10-Phenanthrenedione			208	C14H8O2	000084-11-7	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081608.D
Acq On : 14 Sep 2015 15:10
Operator : UM/IZ
Sample : G3597-02 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

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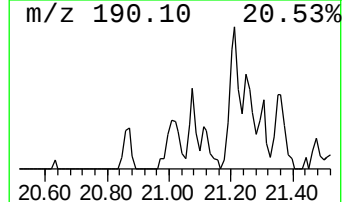
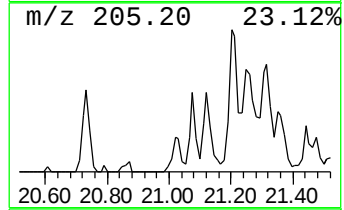
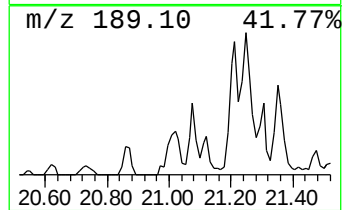
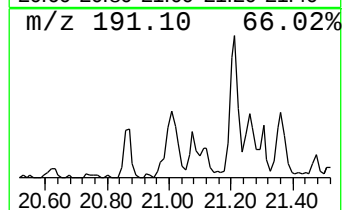
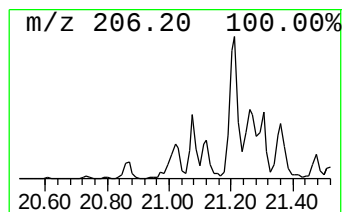
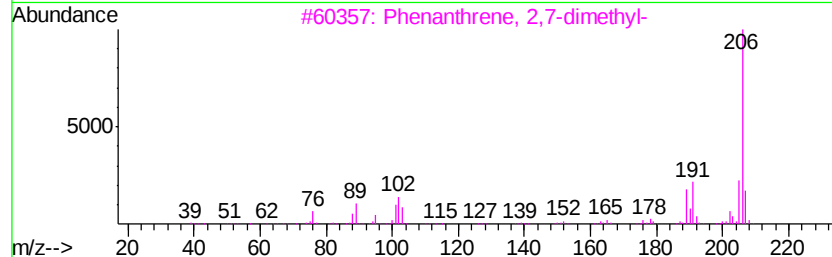
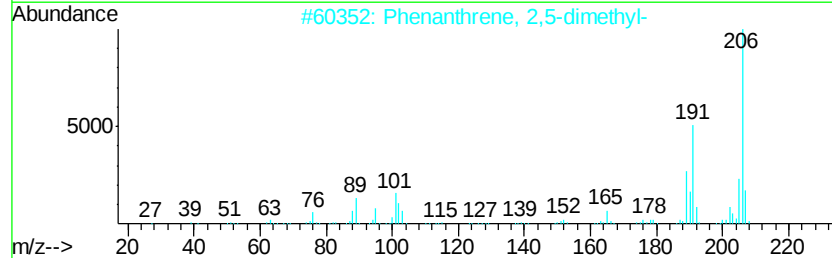
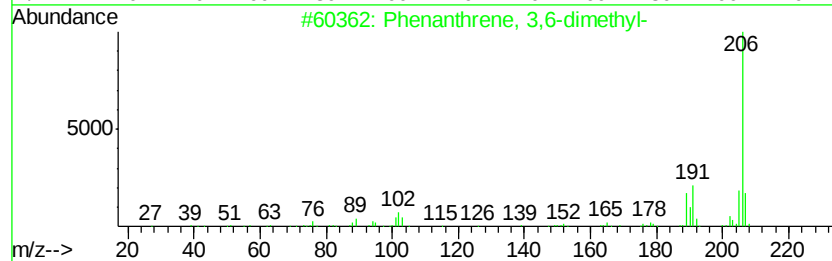
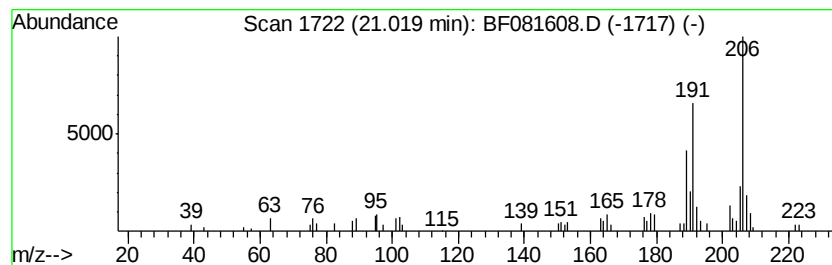
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 3,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	5.73 ng	119964	Phenanthrene-d10	18.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
3			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83
5			Anthracene, 2-ethyl-	206	C16H14	052251-71-5	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
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Sample : G3597-02 5X
Misc :
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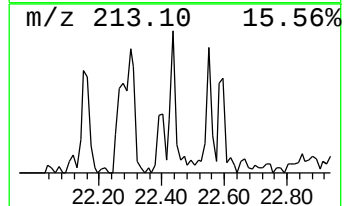
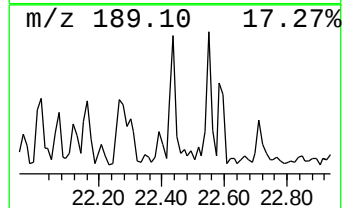
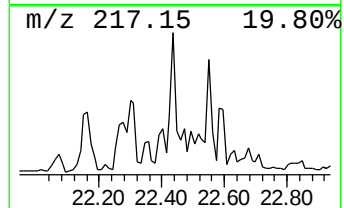
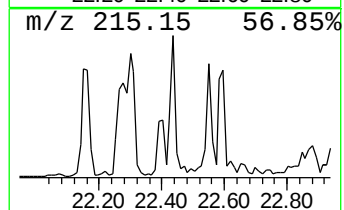
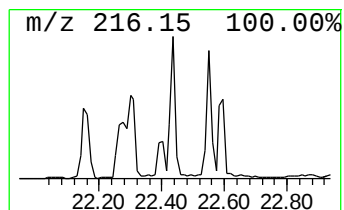
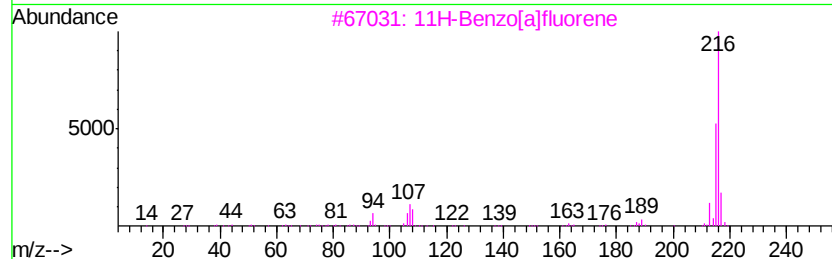
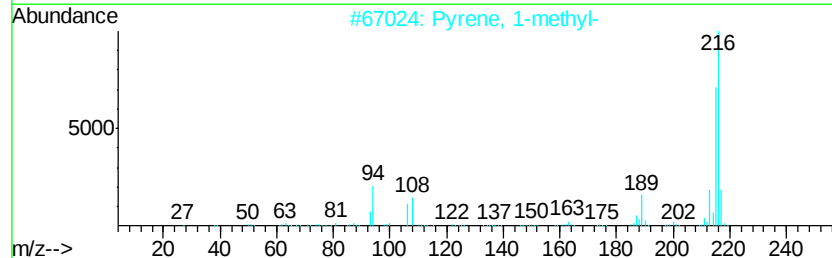
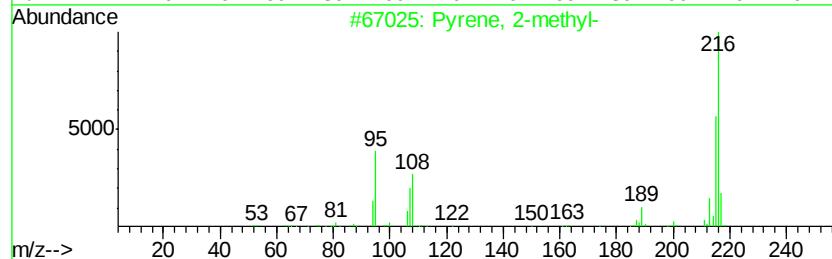
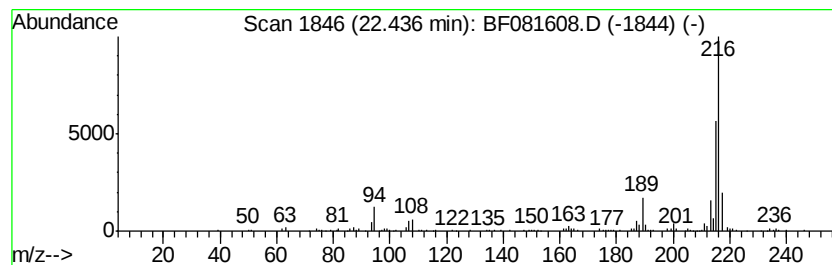
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pyrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.44	5.00 ng	352694	Chrysene-d12	23.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081608.D
Acq On : 14 Sep 2015 15:10
Operator : UM/IZ
Sample : G3597-02 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GP-2(0-5)

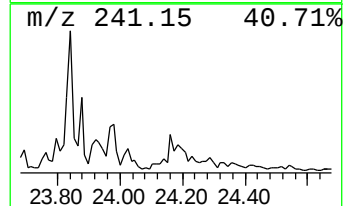
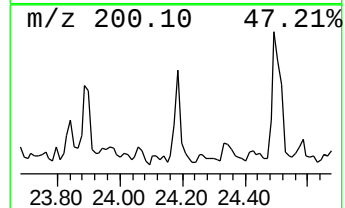
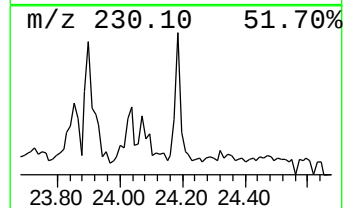
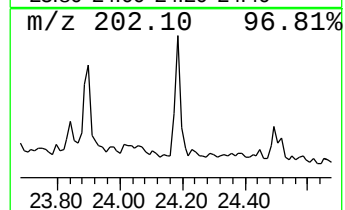
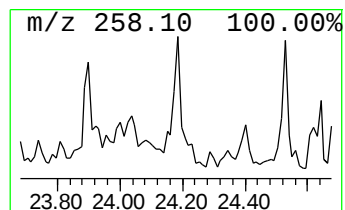
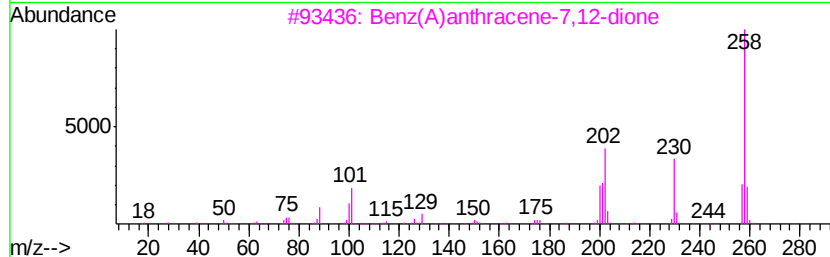
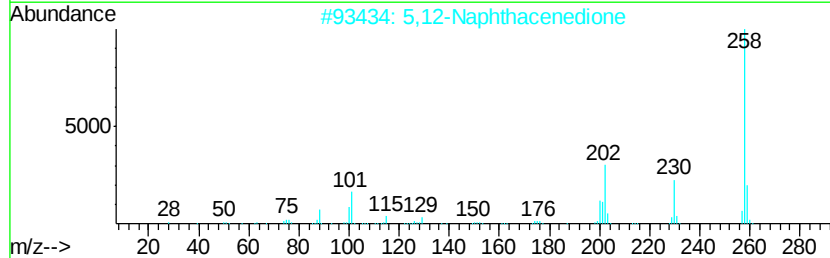
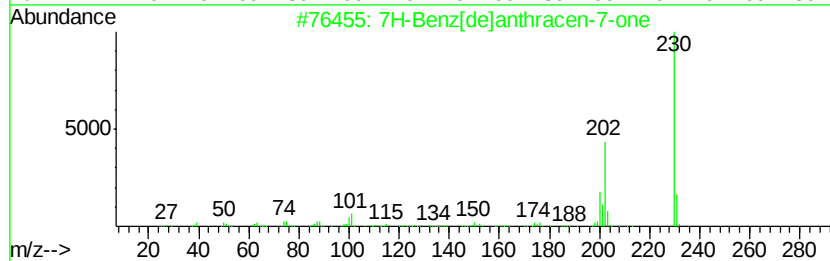
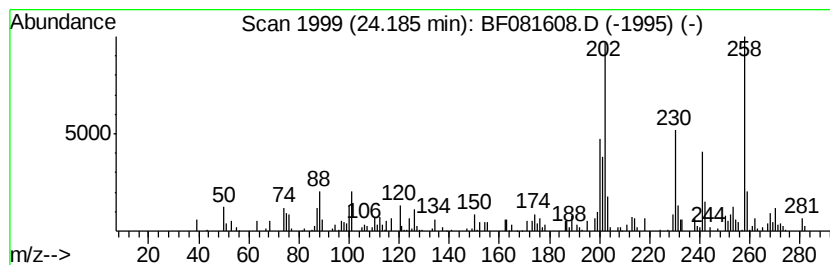
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 7H-Benz[de]anthracen-7-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.18	8.52 ng	196418	Perylene-d12	24.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
2		5,12-Naphthacenedione	258	C18H10O2	001090-13-7	90
3		Benz(A)anthracene-7,12-dione	258	C18H10O2	002498-66-0	87
4		Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	43
5		1,4-Chrysenequinone	258	C18H10O2	100900-16-1	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081608.D
Acq On : 14 Sep 2015 15:10
Operator : UM/IZ
Sample : G3597-02 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

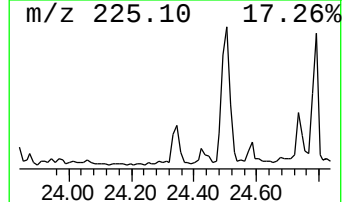
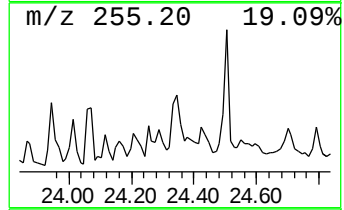
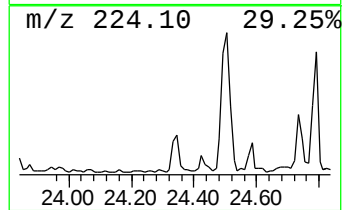
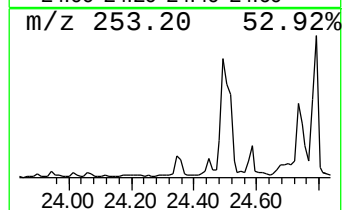
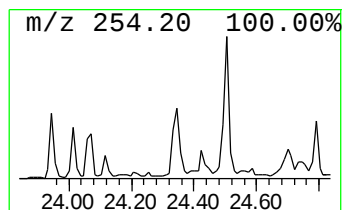
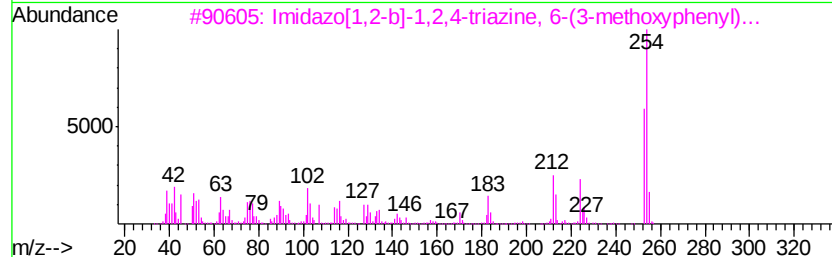
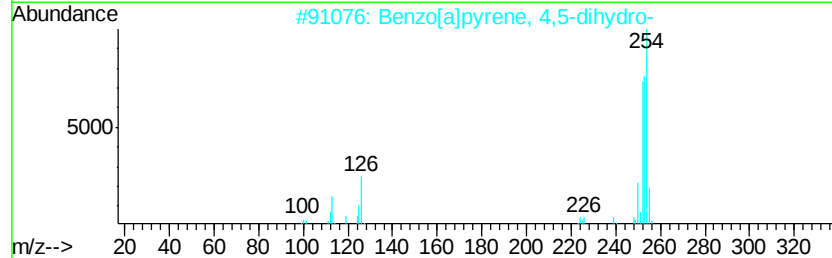
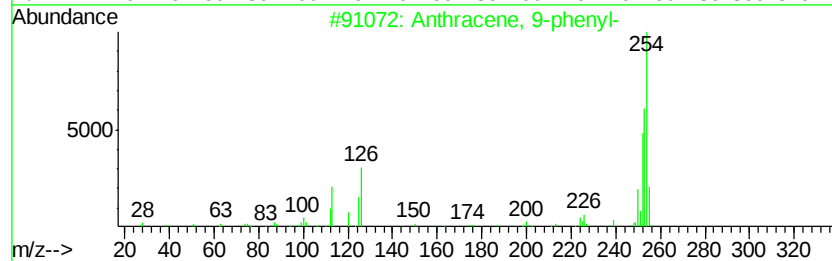
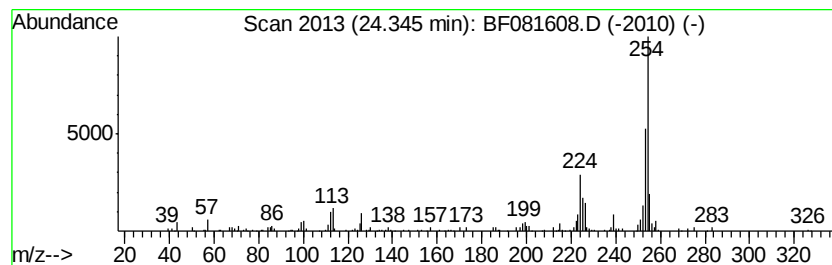
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Anthracene, 9-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
24.34	6.98 ng	161013	Perylene-d12	24.84		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 9-phenyl-	254	C20H14	000602-55-1	64
2		Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	59
3		Imidazo[1,2-b]-1,2,4-triazine, 6...	254	C14H14N4O	1000277-24-4	59
4		Benzenamine, 4-(2-benzothiazolyl)...	254	C15H14N2S	010205-56-8	50
5		2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081608.D
Acq On : 14 Sep 2015 15:10
Operator : UM/IZ
Sample : G3597-02 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP-2(0-5)

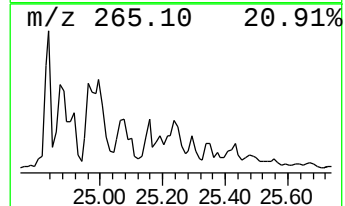
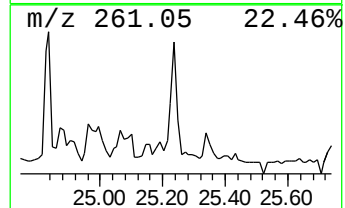
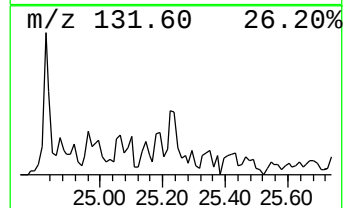
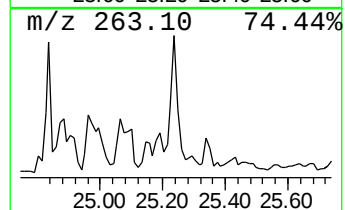
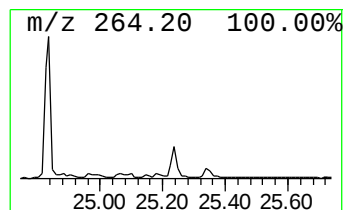
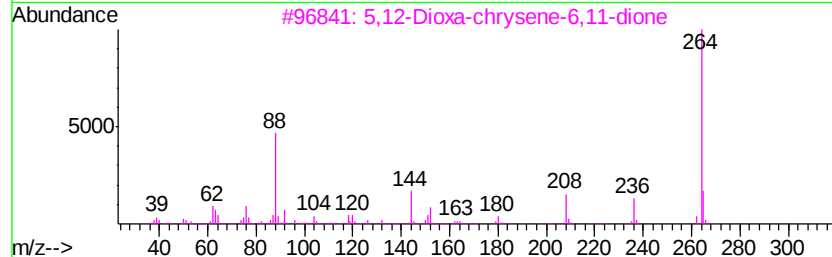
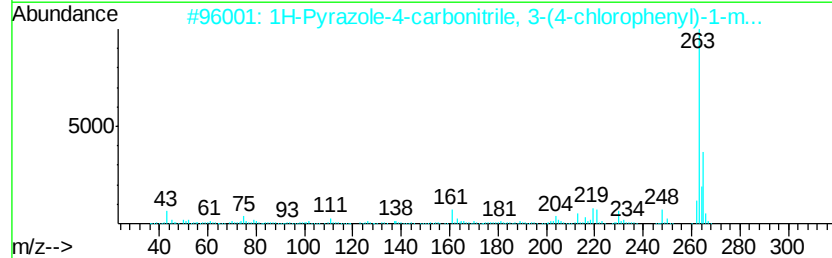
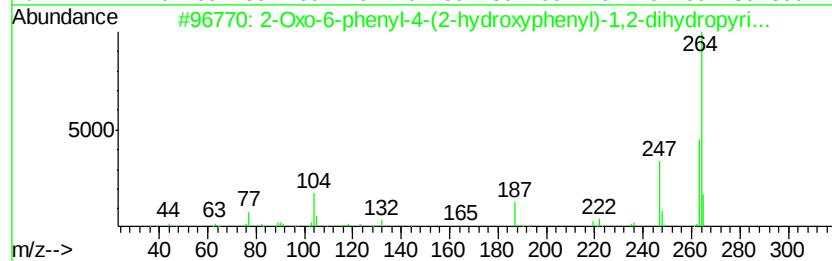
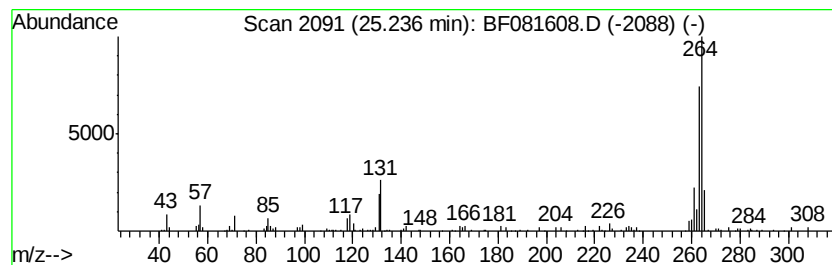
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown25.24 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.24	5.60 ng	129147	Perylene-d12	24.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Oxo-6-phenyl-4-(2-hydroxypheny...	264	C16H12N2O2	017432-82-5	37
2			1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	35
3			5,12-Dioxa-chrysene-6,11-dione	264	C16H8O4	002288-98-4	27
4			Amfonelic Acid	308	C18H16N2O3	015180-02-6	27
5			Iron, (.eta.-5-cyclopentadienyl)...	264	C16H16Fe	1000155-06-6	23



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081608.D
Acq On : 14 Sep 2015 15:10
Operator : UM/IZ
Sample : G3597-02 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP-2(0-5)

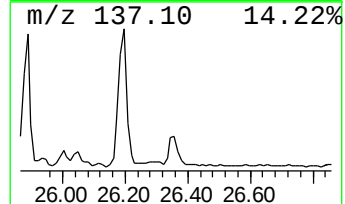
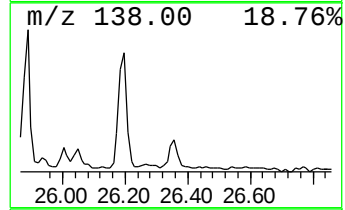
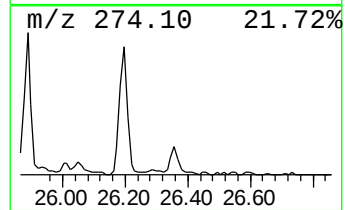
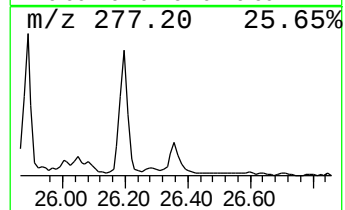
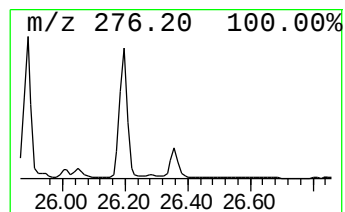
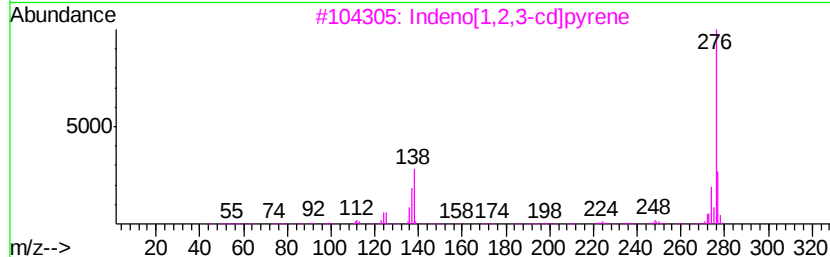
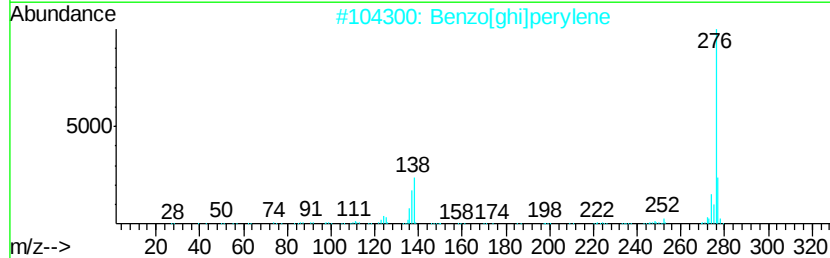
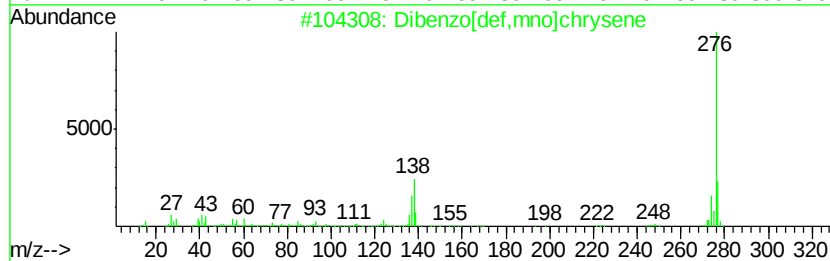
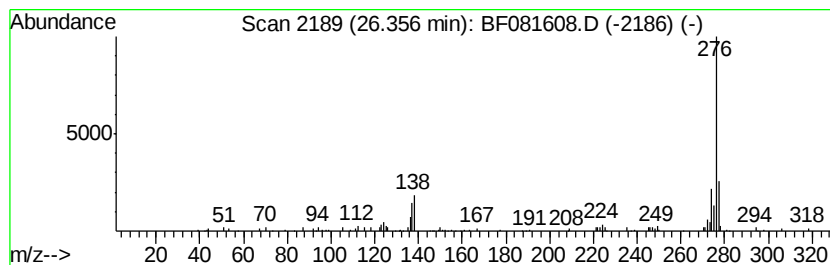
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dibenzo[def,mno]chrysene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.36	6.60 ng	152187	Perylene-d12	24.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	95
2		Benzo[ghi]perylene	276	C22H12	000191-24-2	94
3		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	90
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	74
5		Phenol, 2-(4-chlorophenyliminome...	276	C13H9ClN2O3	1000262-90-3	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
 Data File : BF081608.D
 Acq On : 14 Sep 2015 15:10
 Operator : UM/IZ
 Sample : G3597-02 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-2(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.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...	4.47	10.9	ng	151274	1	8.23	278716	20.0
unknown7.74	7.74	20.5	ng	285344	1	8.23	278716	20.0
Phenanthrene, 2-m...	20.00	11.8	ng	247746	4	18.77	419029	20.0
Phenanthrene, 1-m...	20.06	13.0	ng	271822	4	18.77	419029	20.0
1H-Cyclopropa[l]p...	20.24	18.9	ng	395069	4	18.77	419029	20.0
Anthracene, 1-met...	20.30	10.3	ng	215907	4	18.77	419029	20.0
9,10-Anthracenedione	20.74	16.8	ng	352900	4	18.77	419029	20.0
Phenanthrene, 3,6...	21.02	5.7	ng	119964	4	18.77	419029	20.0
Pyrene, 2-methyl-	22.44	5.0	ng	352694	5	23.40	1410980	20.0
7H-Benz[de]anthra...	24.18	8.5	ng	196418	6	24.84	461115	20.0
Anthracene, 9-phe...	24.34	7.0	ng	161013	6	24.84	461115	20.0
unknown25.24	25.24	5.6	ng	129147	6	24.84	461115	20.0
Dibenzo[def,mno]c...	26.36	6.6	ng	152187	6	24.84	461115	20.0