

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
 Data File : BF081600.D
 Acq On : 12 Sep 2015 00:51
 Operator : UM/IZ
 Sample : G3526-19
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-19(0-0.16)

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	1.463	9	11	17	rBV	87030	220062	10.24%	0.552%
2	1.554	17	19	49	rVB	527406	1871097	87.08%	4.692%
3	4.560	277	282	297	rBV	351333	1016858	47.32%	2.550%
4	5.417	354	357	373	rBV	882192	1660062	77.26%	4.162%
5	7.680	550	555	557	rBV	894794	1746343	81.27%	4.379%
6	7.772	559	563	570	rVB	1029178	1744435	81.18%	4.374%
7	8.252	602	605	611	rVB	254873	411096	19.13%	1.031%
8	8.572	629	633	637	rBV	696417	1283444	59.73%	3.218%
9	9.543	714	718	721	rBV	549073	1158656	53.92%	2.905%
10	11.143	854	858	861	rBV	319148	542364	25.24%	1.360%
11	11.189	861	862	866	rVB	54353	73985	3.44%	0.186%
12	12.847	1004	1007	1010	rBB	40221	59537	2.77%	0.149%
13	13.795	1085	1090	1093	rBV	1076045	1825130	84.94%	4.576%
14	14.527	1150	1154	1156	rBV	27945	49671	2.31%	0.125%
15	14.847	1178	1182	1185	rVB	217280	327650	15.25%	0.822%
16	15.281	1216	1220	1223	rBV2	315258	527142	24.53%	1.322%
17	15.350	1223	1226	1230	rVB	150748	226404	10.54%	0.568%
18	15.773	1260	1263	1268	rBV	66631	116602	5.43%	0.292%
19	16.584	1331	1334	1340	rVB	117453	210558	9.80%	0.528%
20	16.755	1344	1349	1350	rVV	27157	74539	3.47%	0.187%
21	17.190	1382	1387	1392	rBV2	533012	1054084	49.06%	2.643%
22	17.830	1440	1443	1447	rBV	26618	65595	3.05%	0.164%
23	17.921	1447	1451	1454	rVV2	36753	80251	3.73%	0.201%
24	18.356	1484	1489	1493	rVV2	47807	109913	5.12%	0.276%
25	18.481	1497	1500	1502	rVV2	29199	53061	2.47%	0.133%
26	18.527	1502	1504	1507	rVB	78290	126964	5.91%	0.318%
27	18.790	1523	1527	1529	rBV	237506	470766	21.91%	1.180%
28	18.859	1529	1533	1536	rVV	1002614	2148776	100.00%	5.388%
29	18.961	1539	1542	1546	rVV	221583	408173	19.00%	1.023%
30	19.441	1580	1584	1589	rBV	72245	135333	6.30%	0.339%
31	19.590	1594	1597	1600	rVB	62642	98260	4.57%	0.246%
32	19.796	1612	1615	1620	rVB2	23506	57905	2.69%	0.145%
33	20.024	1631	1635	1637	rBV	210917	355555	16.55%	0.892%
34	20.082	1637	1640	1644	rVV	257350	408245	19.00%	1.024%

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35	20.196	1645	1650	1651	rVV	66504	123637	5.75%	0.310%
36	20.264	1651	1656	1658	rVV2	139046	454354	21.14%	1.139%
37	20.322	1658	1661	1668	rVB	161950	314702	14.65%	0.789%
38	20.436	1668	1671	1675	rBV	38689	86739	4.04%	0.217%
39	20.550	1677	1681	1691	rVB3	166214	383810	17.86%	0.962%
40	20.756	1695	1699	1707	rVB2	151150	387103	18.02%	0.971%
41	20.882	1707	1710	1713	rBV	51733	84798	3.95%	0.213%
42	21.042	1719	1724	1726	rBV2	38773	106613	4.96%	0.267%
43	21.087	1726	1728	1730	rVV	43370	63756	2.97%	0.160%
44	21.133	1730	1732	1735	rVB	35932	51506	2.40%	0.129%
45	21.224	1735	1740	1742	rBV	125909	238025	11.08%	0.597%
46	21.270	1742	1744	1747	rVV2	62751	120422	5.60%	0.302%
47	21.327	1747	1749	1751	rVV2	46961	68362	3.18%	0.171%
48	21.373	1751	1753	1757	rVB	61487	117000	5.44%	0.293%
49	21.465	1757	1761	1764	rBV	1169259	1628056	75.77%	4.082%
50	21.556	1766	1769	1773	rBV3	48573	138590	6.45%	0.347%
51	21.670	1776	1779	1781	rBV2	42226	76461	3.56%	0.192%
52	21.739	1781	1785	1787	rBV3	30909	55986	2.61%	0.140%
53	21.807	1787	1791	1794	rBV	1180920	1913131	89.03%	4.797%
54	21.922	1799	1801	1804	rBV2	80080	143515	6.68%	0.360%
55	22.025	1808	1810	1811	rBV	51517	79214	3.69%	0.199%
56	22.047	1811	1812	1816	rVB	51204	83322	3.88%	0.209%
57	22.127	1816	1819	1821	rBV	858203	1200045	55.85%	3.009%
58	22.162	1821	1822	1825	rVB	84016	130547	6.08%	0.327%
59	22.322	1829	1836	1838	rBV	148809	400756	18.65%	1.005%
60	22.413	1841	1844	1845	rBV2	112160	168509	7.84%	0.423%
61	22.447	1845	1847	1849	rBV	143368	203749	9.48%	0.511%
62	22.562	1855	1857	1859	rVV	120763	119855	5.58%	0.301%
63	22.596	1859	1860	1862	rVB	115522	127740	5.94%	0.320%
64	22.882	1878	1885	1888	rBV2	72173	225566	10.50%	0.566%
65	22.973	1890	1893	1895	rVV2	118457	164585	7.66%	0.413%
66	23.099	1902	1904	1906	rBV2	148077	205693	9.57%	0.516%
67	23.133	1906	1907	1910	rVB2	151100	224178	10.43%	0.562%
68	23.190	1910	1912	1914	rBV	98304	115584	5.38%	0.290%
69	23.236	1914	1916	1918	rBV	103863	129301	6.02%	0.324%
70	23.396	1925	1930	1932	rBV2	760395	1544646	71.88%	3.873%
71	23.430	1932	1933	1935	rVV2	621620	834951	38.86%	2.094%

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72	23.510	1938	1940	1943	rVB	116539	116315	5.41%	0.292%
73	23.568	1943	1945	1947	rBV3	35165	58259	2.71%	0.146%
74	23.636	1949	1951	1953	rVB3	64263	93053	4.33%	0.233%
75	23.682	1953	1955	1957	rBV2	69606	97817	4.55%	0.245%
76	23.853	1967	1970	1971	rVV	154357	192993	8.98%	0.484%
77	23.888	1971	1973	1975	rVB	67410	71835	3.34%	0.180%
78	24.059	1986	1988	1992	rVB2	199638	267040	12.43%	0.670%
79	24.185	1997	1999	2003	rBV4	39661	106987	4.98%	0.268%
80	24.356	2012	2014	2018	rVV3	50198	129954	6.05%	0.326%
81	24.425	2018	2020	2022	rVV2	55762	93805	4.37%	0.235%
82	24.505	2024	2027	2031	rVV	709807	1357682	63.18%	3.404%
83	24.585	2032	2034	2036	rVV2	93123	128742	5.99%	0.323%
84	24.676	2038	2042	2046	rVV4	146517	349324	16.26%	0.876%
85	24.745	2046	2048	2050	rVV	462748	515165	23.97%	1.292%
86	24.791	2050	2052	2054	rVV	535063	624208	29.05%	1.565%
87	24.836	2054	2056	2063	rVV2	268147	519855	24.19%	1.303%
88	25.076	2075	2077	2083	rVB2	104528	210959	9.82%	0.529%
89	25.248	2089	2092	2093	rBV2	59922	82621	3.85%	0.207%
90	25.591	2119	2122	2124	rBV4	23189	52289	2.43%	0.131%
91	25.785	2134	2139	2144	rBV4	63021	196652	9.15%	0.493%
92	25.899	2146	2149	2152	rVB	254476	394908	18.38%	0.990%
93	26.014	2156	2159	2161	rBV2	56001	104120	4.85%	0.261%
94	26.059	2161	2163	2165	rVB	54615	78315	3.64%	0.196%
95	26.208	2172	2176	2181	rBV	165614	309554	14.41%	0.776%
96	26.288	2181	2183	2188	rVV4	52626	122227	5.69%	0.306%
97	26.368	2188	2190	2195	rVB2	45793	109119	5.08%	0.274%
98	26.985	2241	2244	2254	rVB8	25406	110235	5.13%	0.276%
99	27.762	2308	2312	2317	rVB	36588	95599	4.45%	0.240%
100	27.888	2319	2323	2325	rBV2	23375	59542	2.77%	0.149%

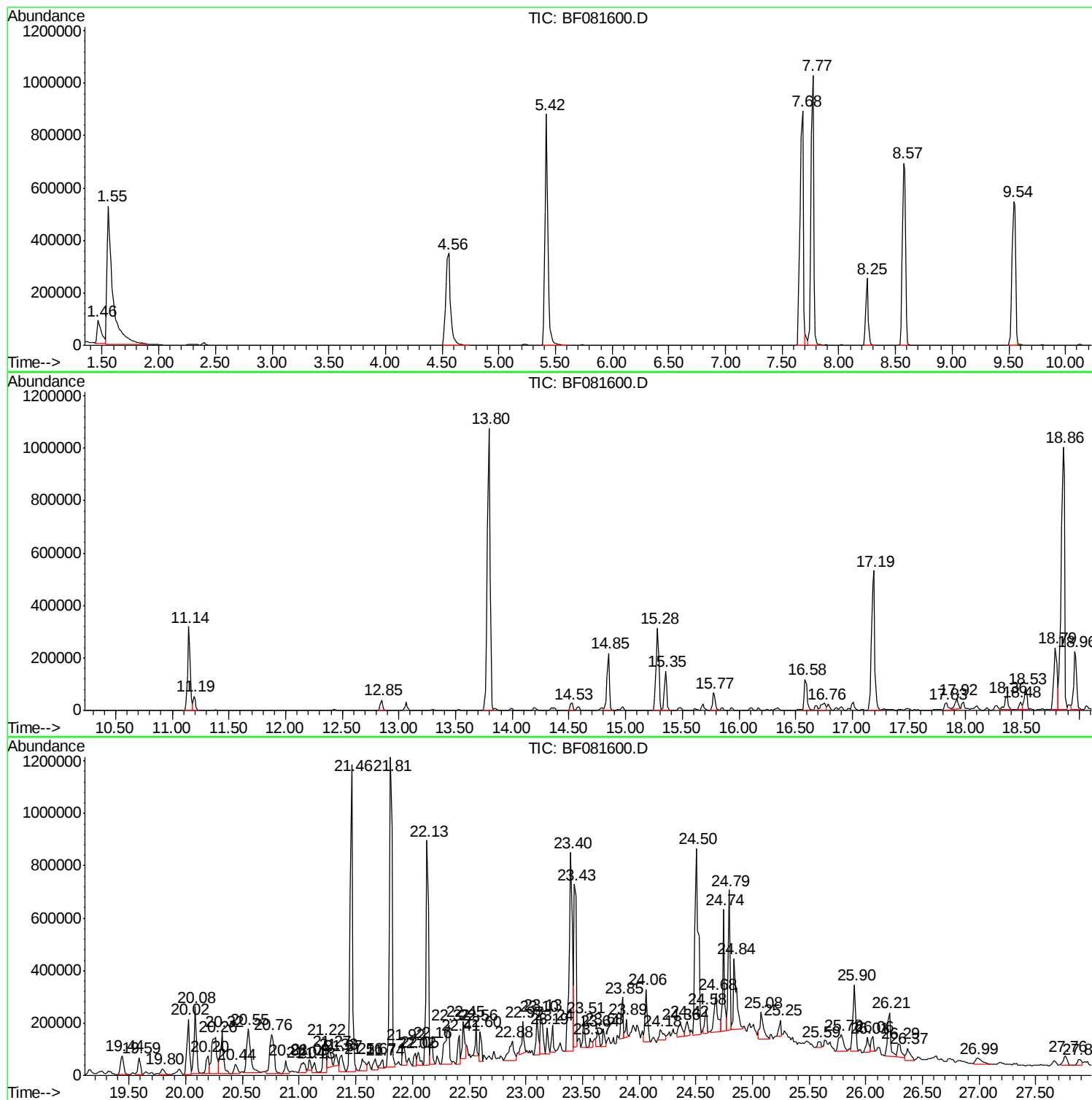
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Instrument :
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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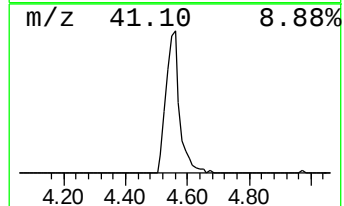
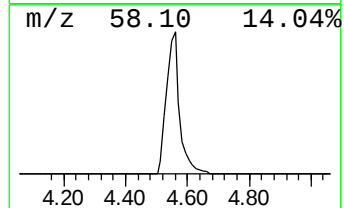
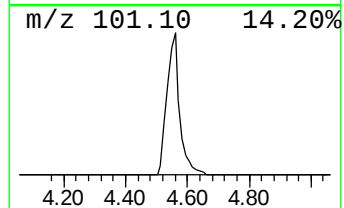
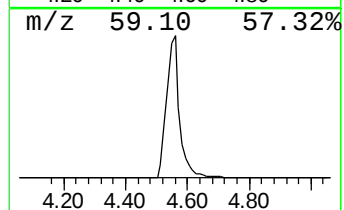
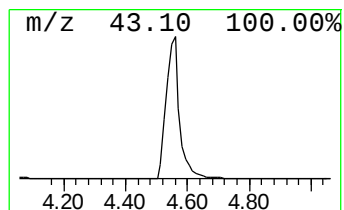
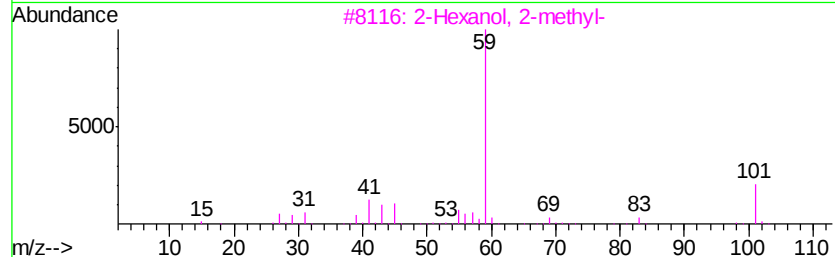
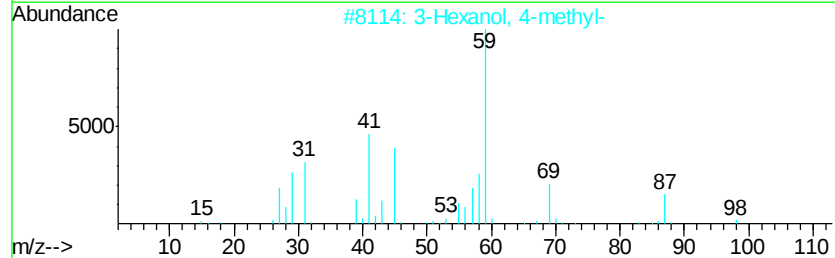
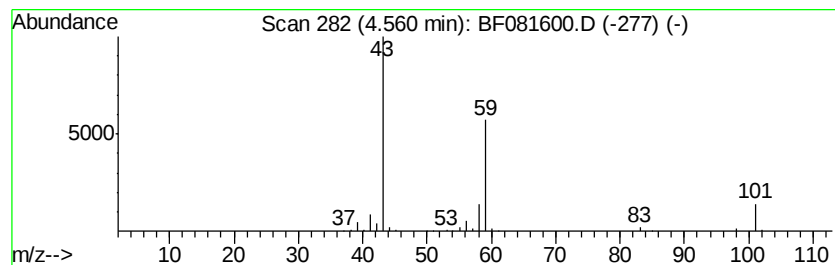
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.56	49.47 ng	1016860	1,4-Dichlorobenzene-d4	8.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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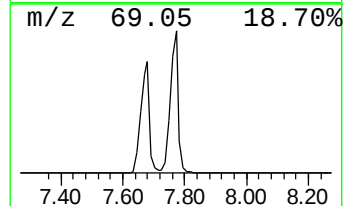
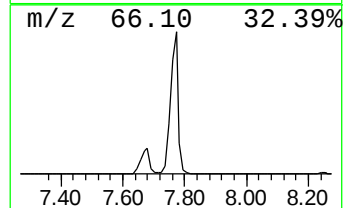
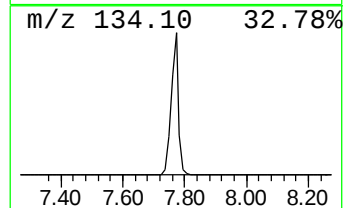
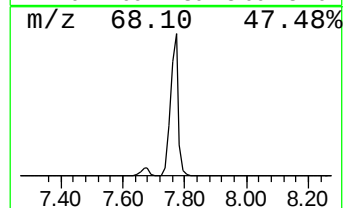
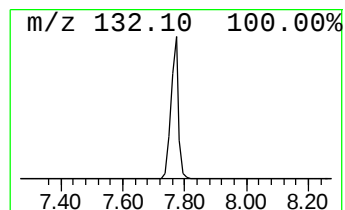
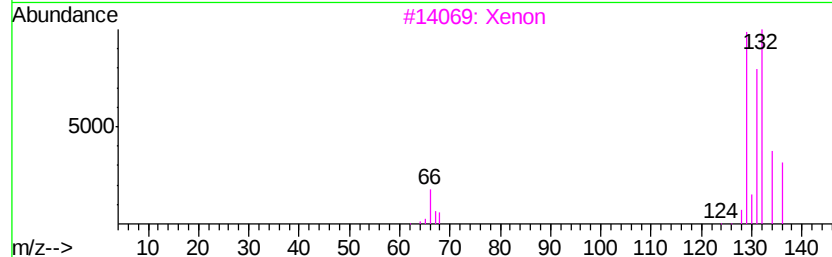
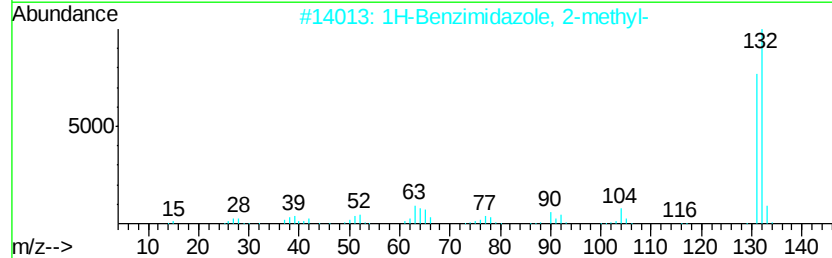
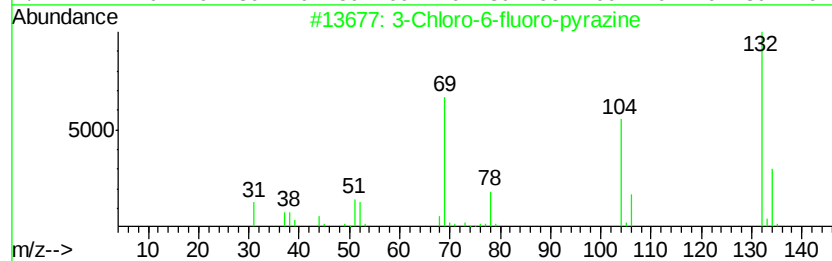
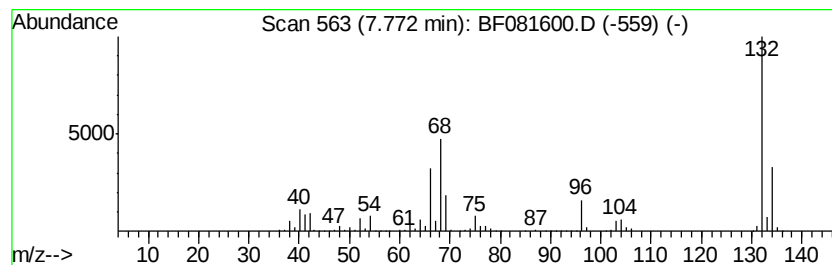
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 unknown7.77 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	84.87 ng	1744440	1,4-Dichlorobenzene-d4	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		Xenon	132	Xe	007440-63-3	9
4		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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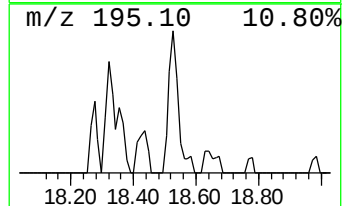
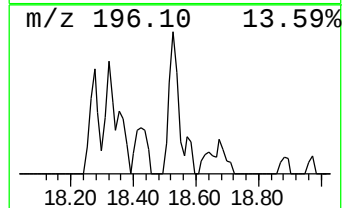
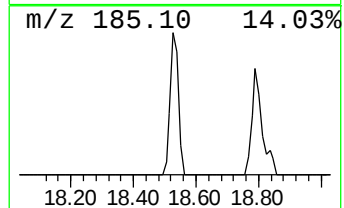
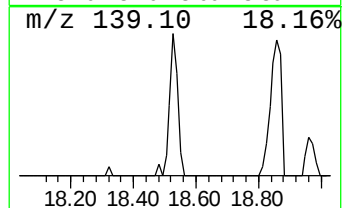
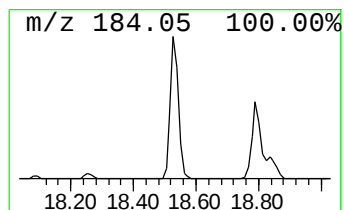
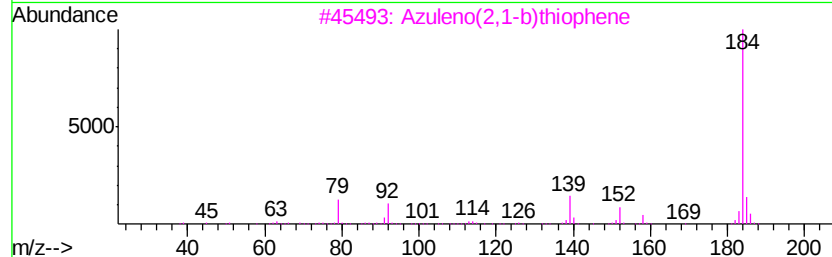
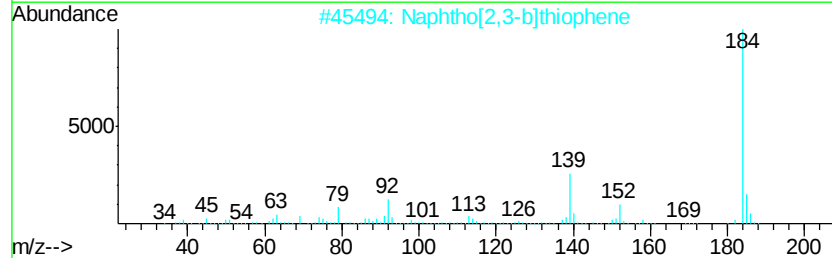
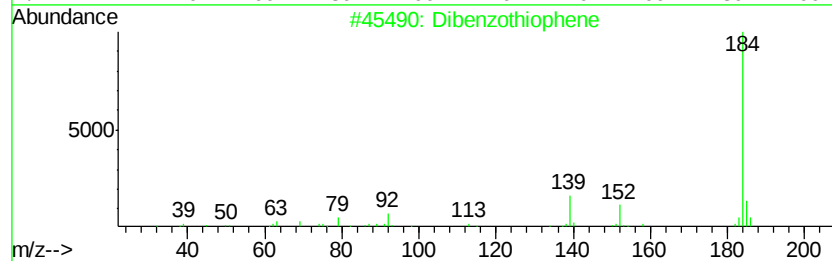
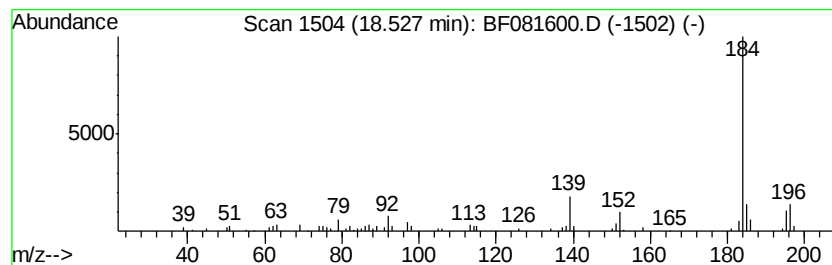
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Peak Number 6 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	5.39 ng	126964	Phenanthrene-d10	18.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	94
2		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
3		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87
4		Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	49
5		3,5-Dimethoxy-4-hydroxybenzyl al...	184	C9H12O4	000530-56-3	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
Data File : BF081600.D
Acq On : 12 Sep 2015 00:51
Operator : UM/IZ
Sample : G3526-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

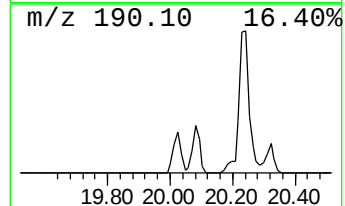
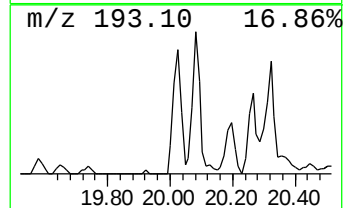
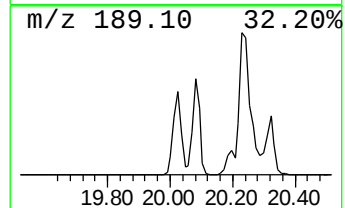
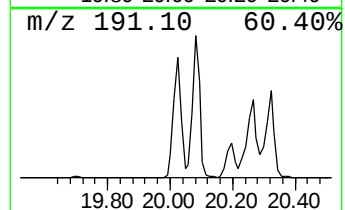
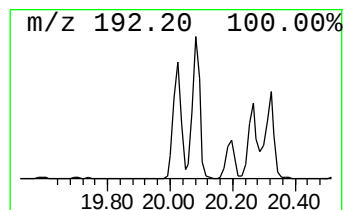
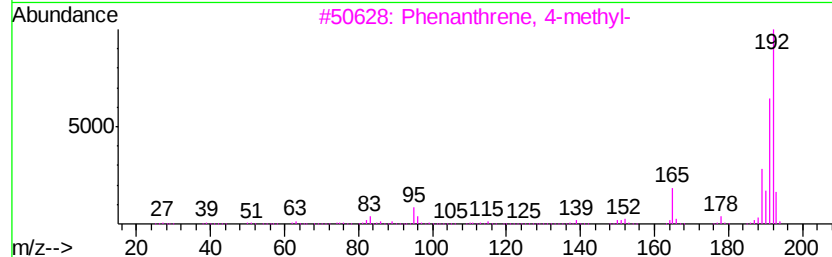
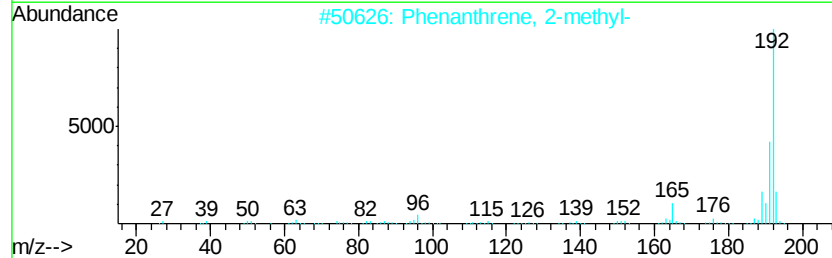
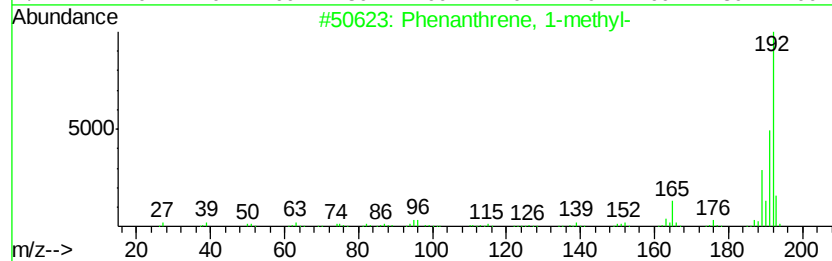
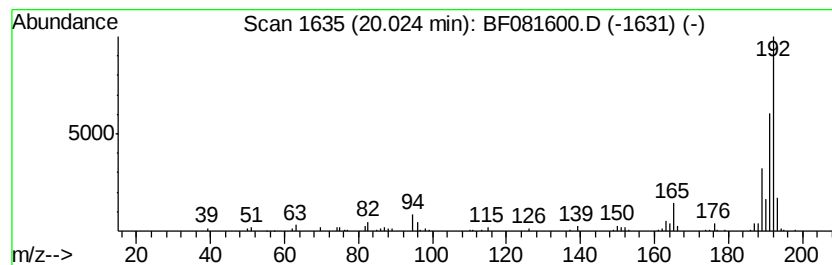
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ClientSampleId :
SB-19(0-0.16)

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 7 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.02	15.11 ng	355555	Phenanthrene-d10	18.79	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
Data File : BF081600.D
Acq On : 12 Sep 2015 00:51
Operator : UM/IZ
Sample : G3526-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-19(0-0.16)

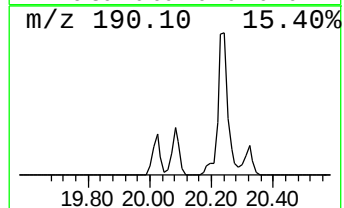
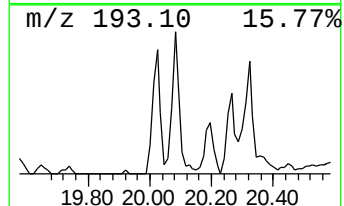
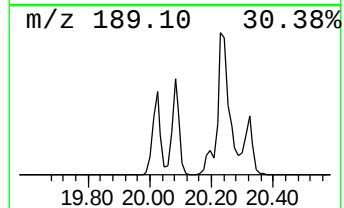
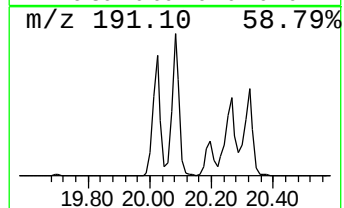
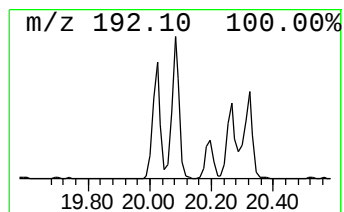
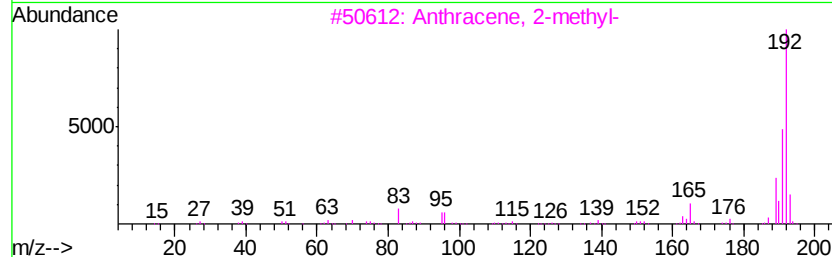
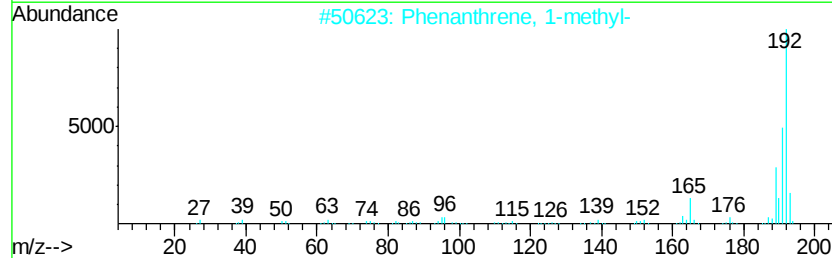
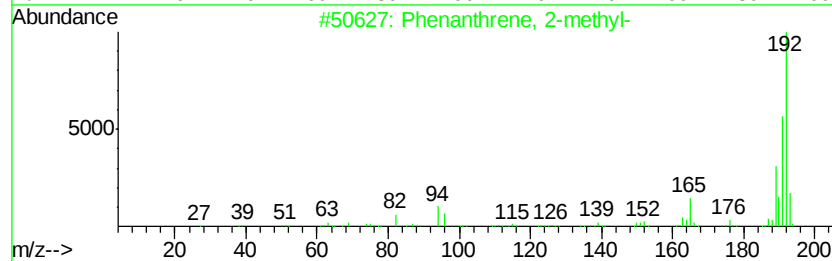
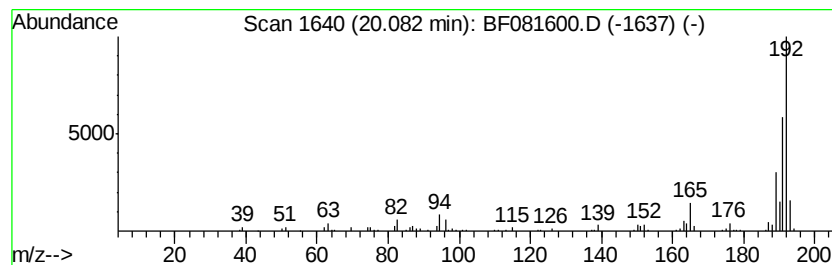
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.08	17.34 ng	408245	Phenanthrene-d10	18.79

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	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95	
4	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95	
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
Data File : BF081600.D
Acq On : 12 Sep 2015 00:51
Operator : UM/IZ
Sample : G3526-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-19(0-0.16)

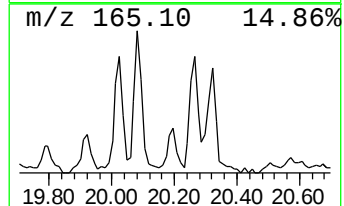
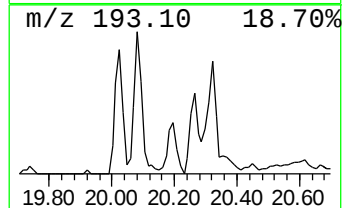
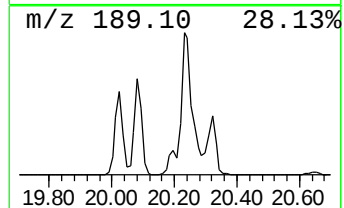
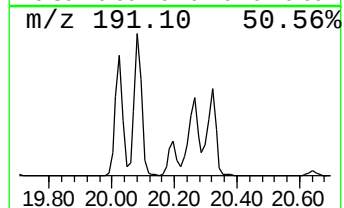
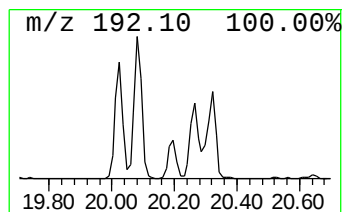
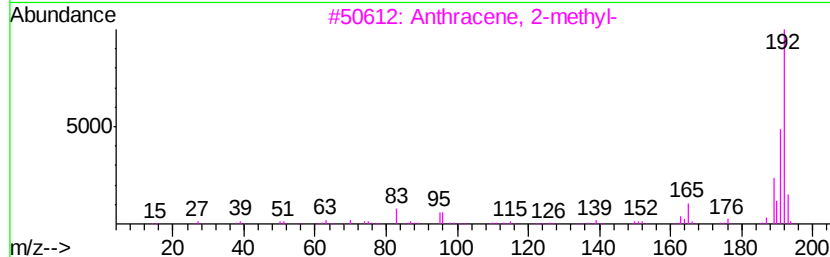
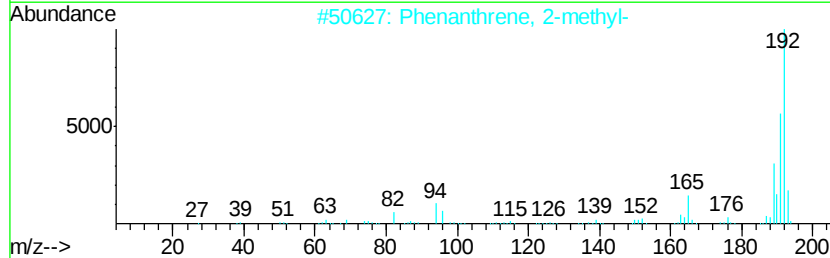
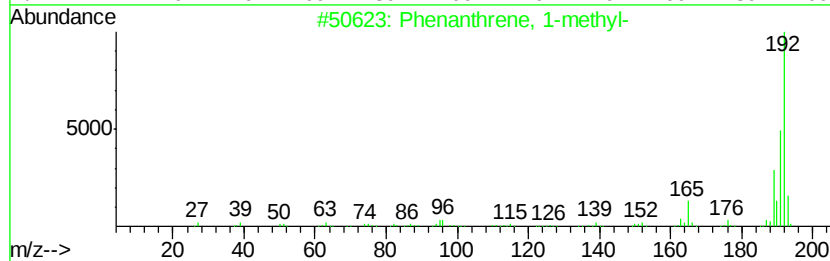
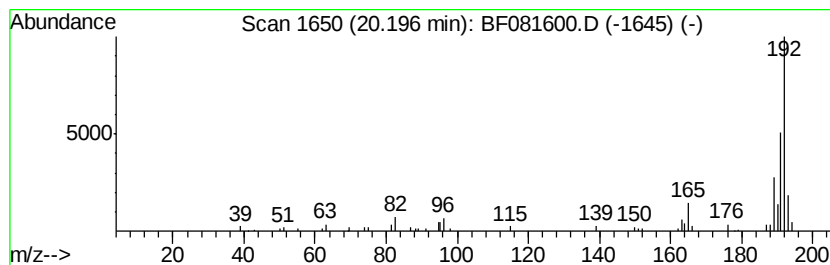
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.20	5.25 ng	123637	Phenanthrene-d10	18.79

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, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5	1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
Data File : BF081600.D
Acq On : 12 Sep 2015 00:51
Operator : UM/IZ
Sample : G3526-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-19(0-0.16)

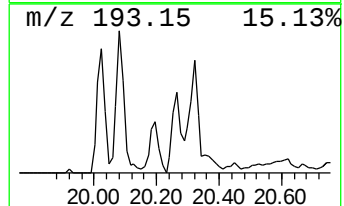
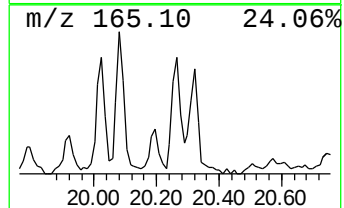
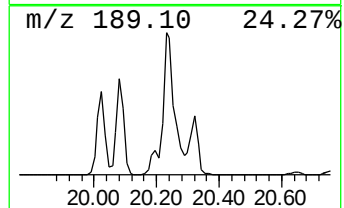
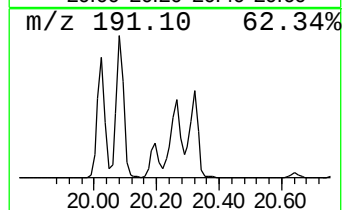
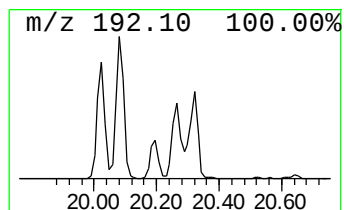
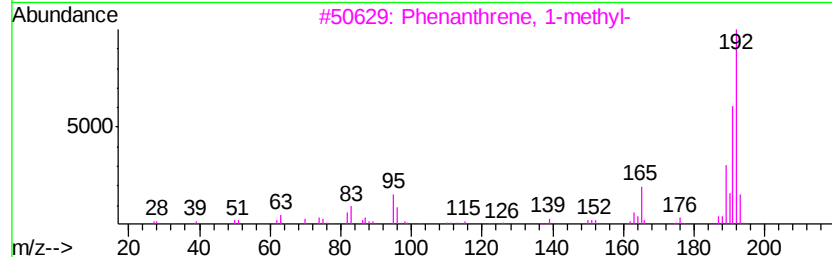
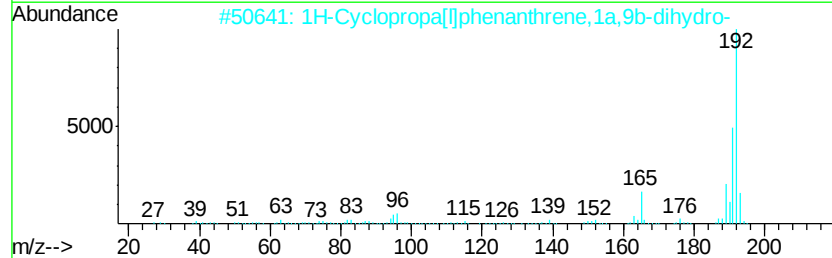
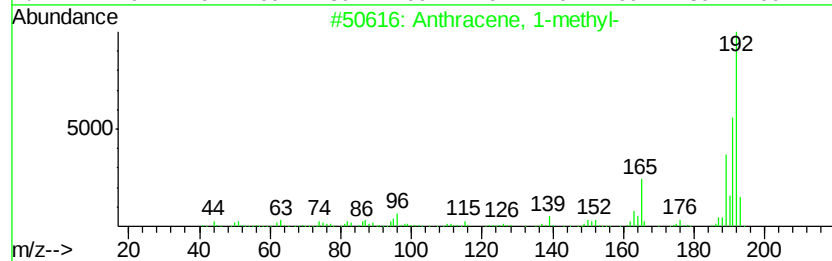
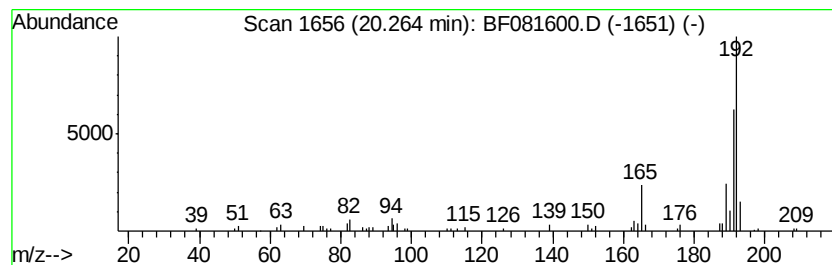
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Anthracene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	19.30 ng	454354	Phenanthrene-d10	18.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4		1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	90
5		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
Data File : BF081600.D
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Sample : G3526-19
Misc :
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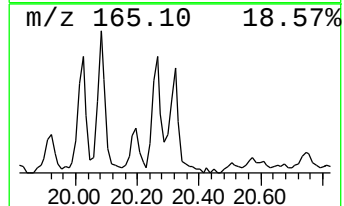
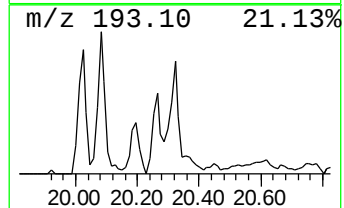
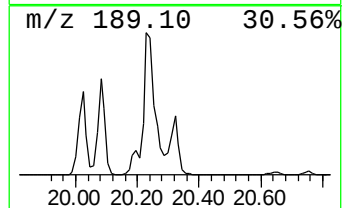
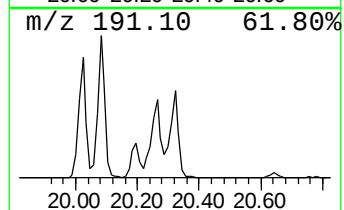
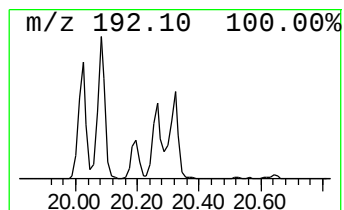
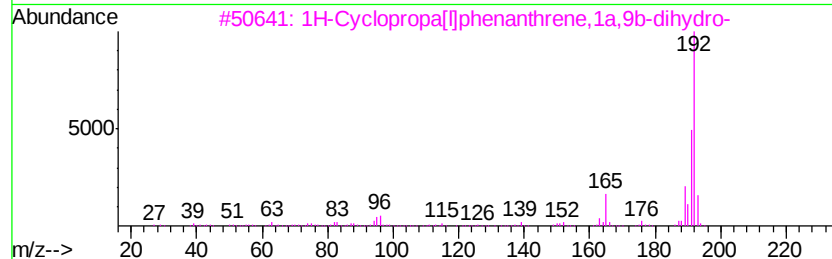
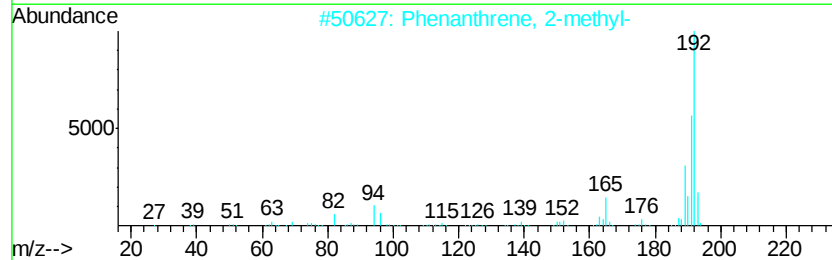
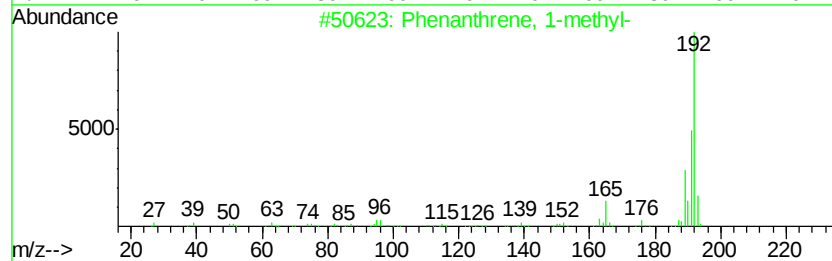
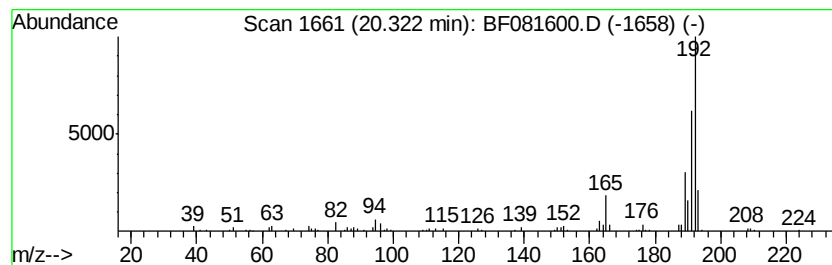
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.32	13.37 ng	314702	Phenanthrene-d10	18.79		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
Data File : BF081600.D
Acq On : 12 Sep 2015 00:51
Operator : UM/IZ
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ClientSampleId :
SB-19(0-0.16)

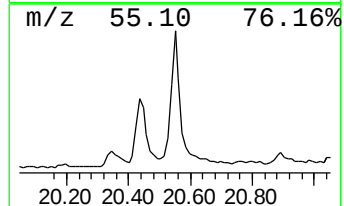
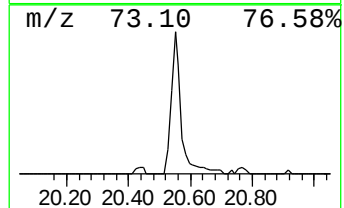
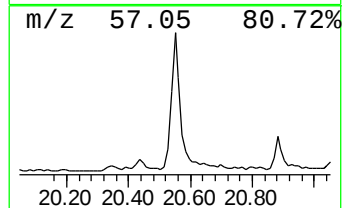
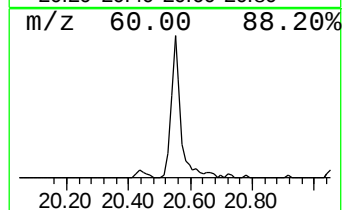
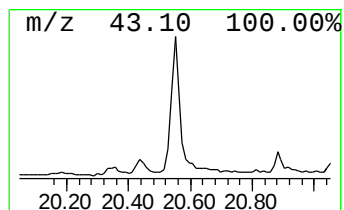
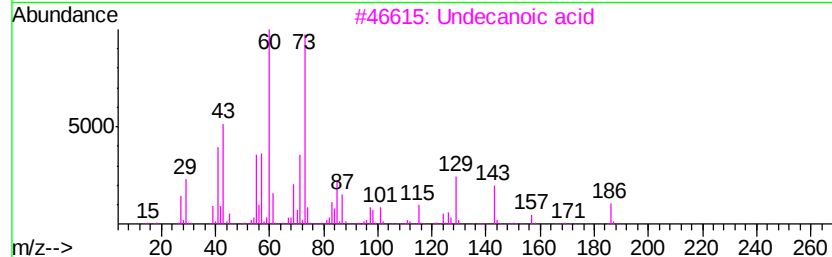
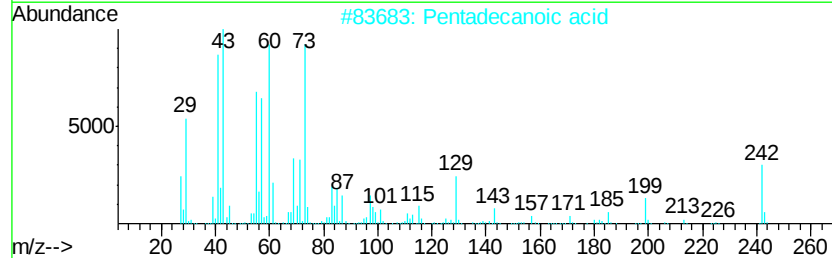
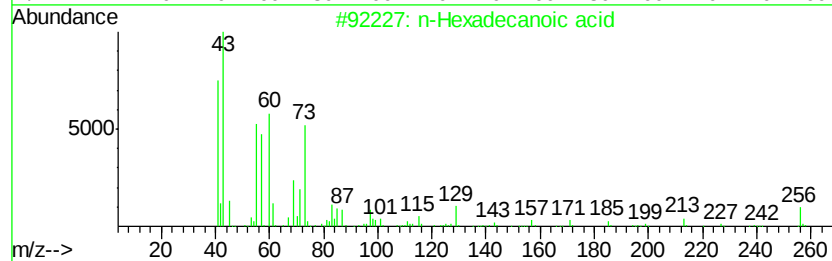
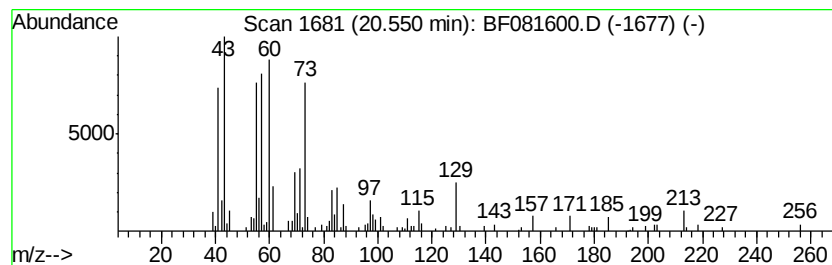
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.55	16.31 ng	383810	Phenanthrene-d10	18.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3			Undecanoic acid	186	C11H22O2	000112-37-8	72
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			Dodecanoic acid	200	C12H24O2	000143-07-7	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
Data File : BF081600.D
Acq On : 12 Sep 2015 00:51
Operator : UM/IZ
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Misc :
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Instrument :
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ClientSampleId :
SB-19(0-0.16)

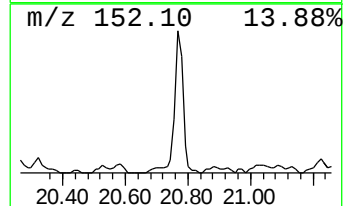
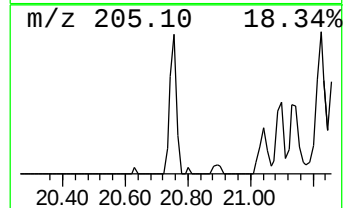
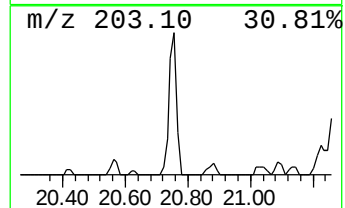
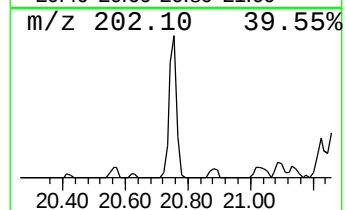
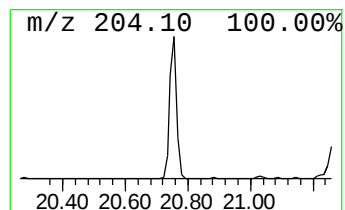
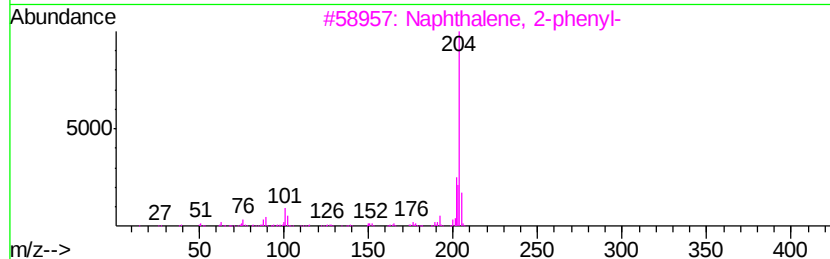
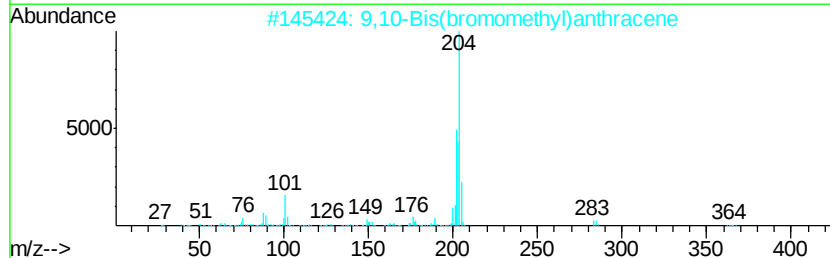
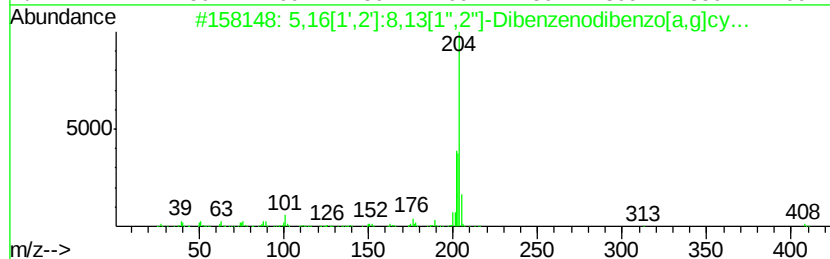
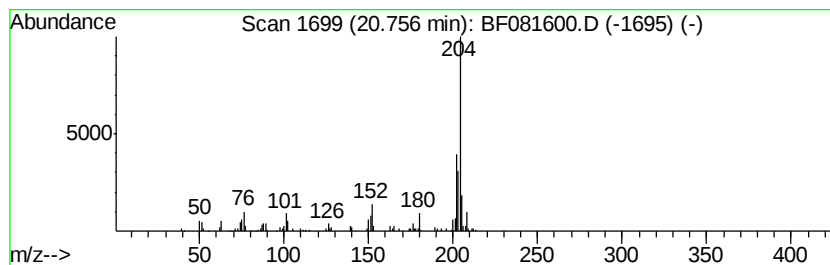
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	16.45 ng	387103	Phenanthrene-d10	18.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
2		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	60
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
4		2-Phenylnaphthalene	204	C16H12	035465-71-5	53
5		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
Data File : BF081600.D
Acq On : 12 Sep 2015 00:51
Operator : UM/IZ
Sample : G3526-19
Misc :
ALS Vial : 17 Sample Multiplier: 1

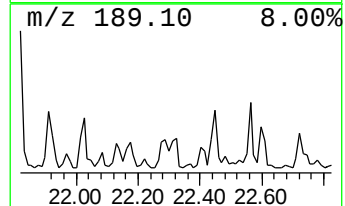
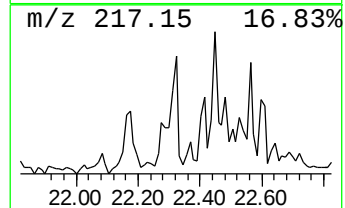
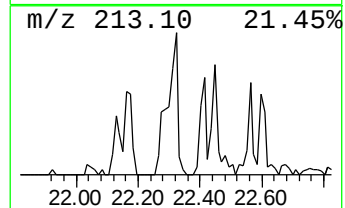
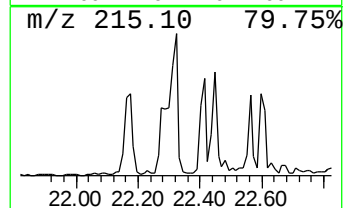
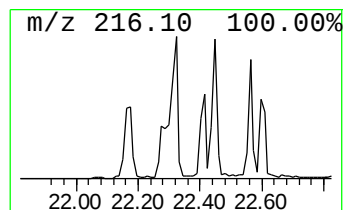
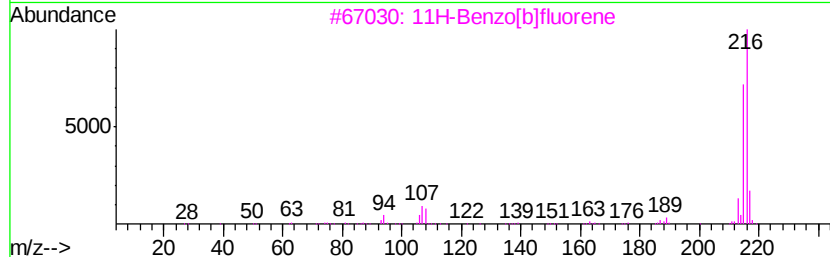
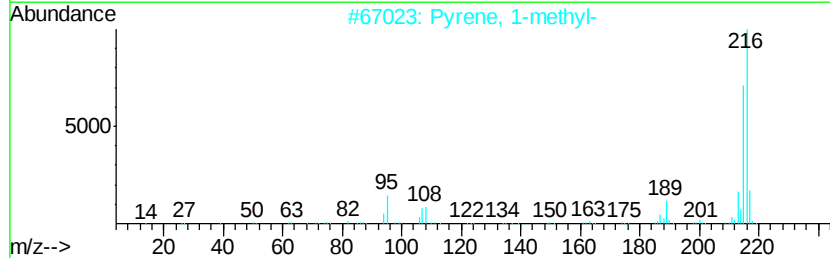
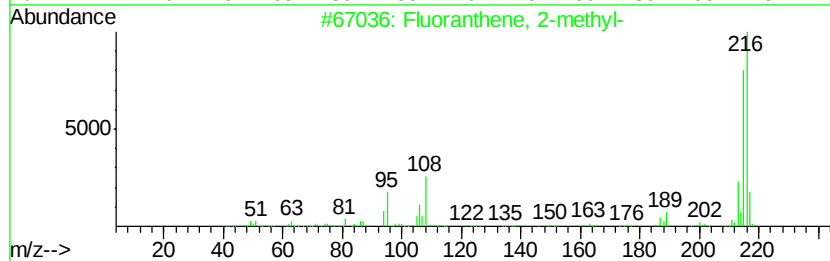
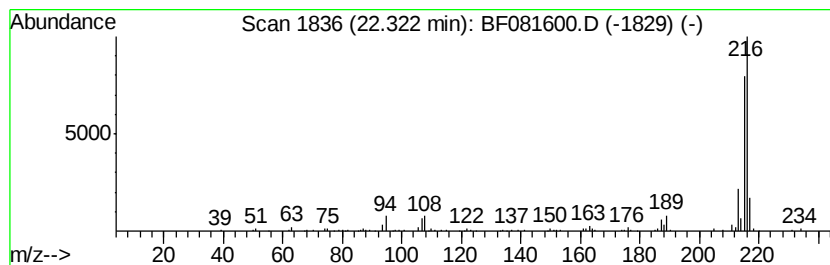
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.		
22.32	5.19 ng	400756	Chrysene-d12	23.41		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
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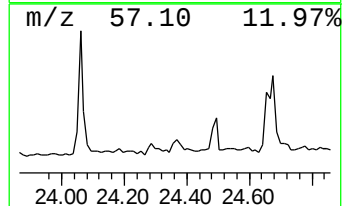
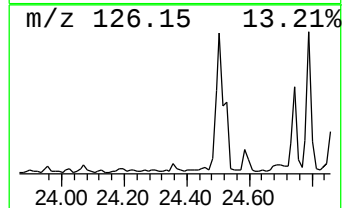
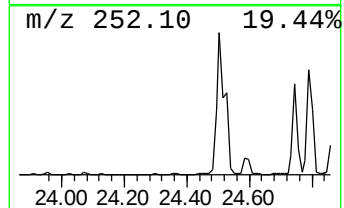
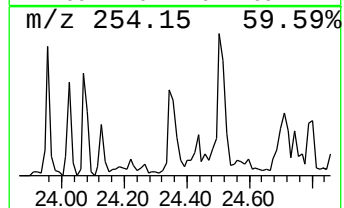
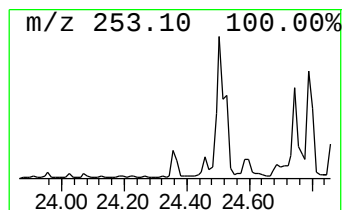
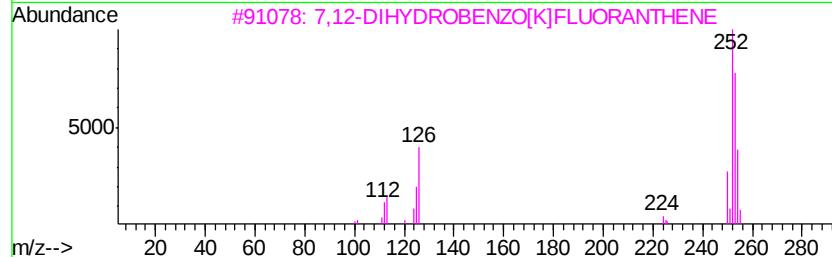
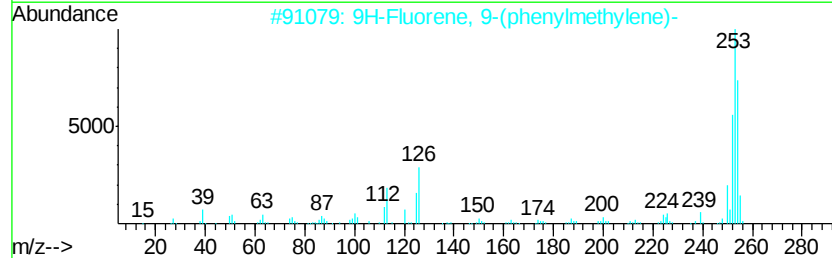
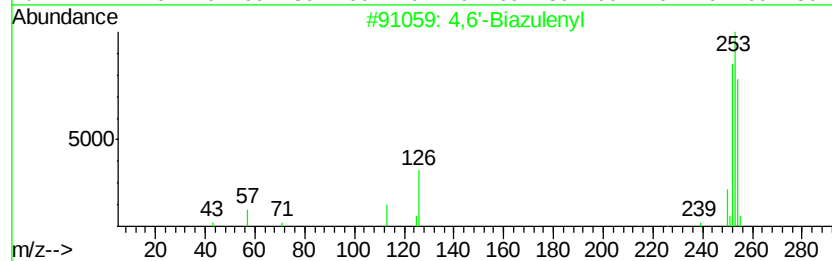
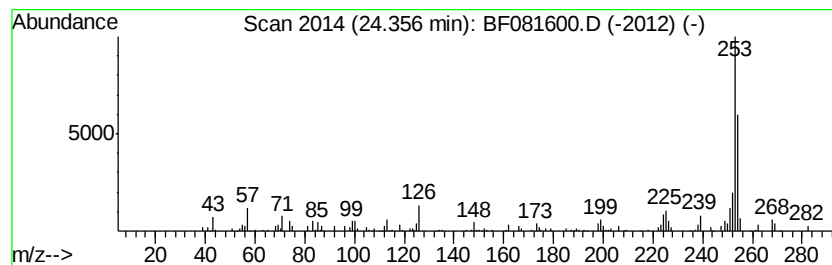
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 4,6'-Biazulenyl Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
24.36	5.00 ng	129954	Perylene-d12	24.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6'-Biazulenyl	254	C20H14	094154-49-1	62
2	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	59
3	7,12-DIHYDROBENZO[K]FLUORANTHENE	254	C20H14	1000080-17-7	59
4	1,2-Dihydrobenzo[b]fluoranthene	254	C20H14	100516-13-0	58
5	Benzimidazol-5-amine, 1-(4-ethox...	253	C15H15N3O	007104-62-3	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
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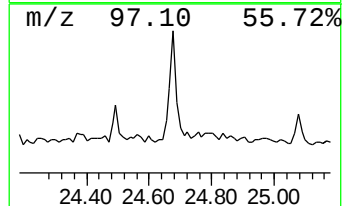
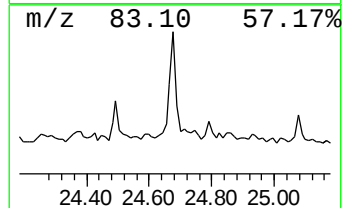
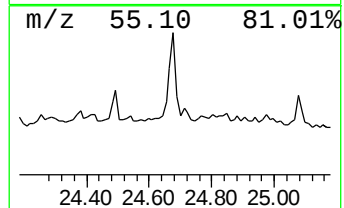
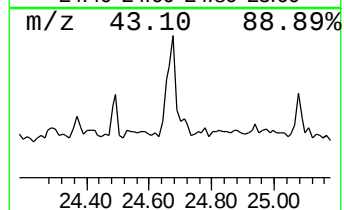
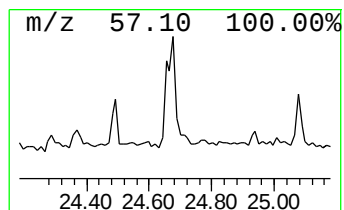
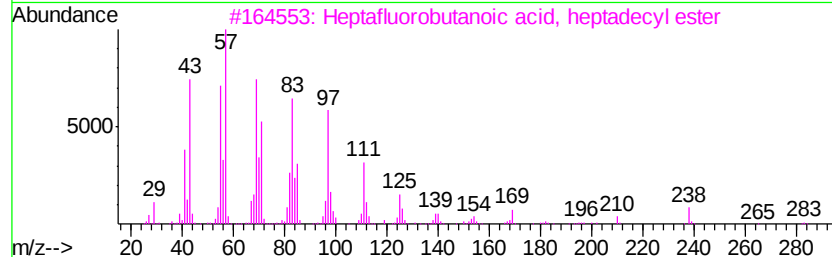
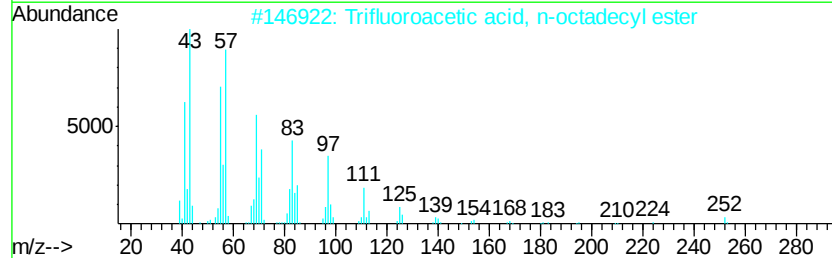
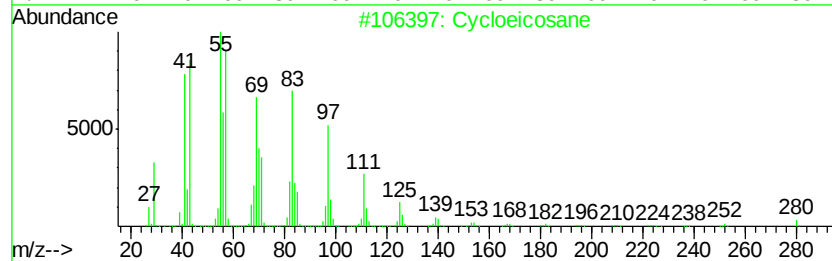
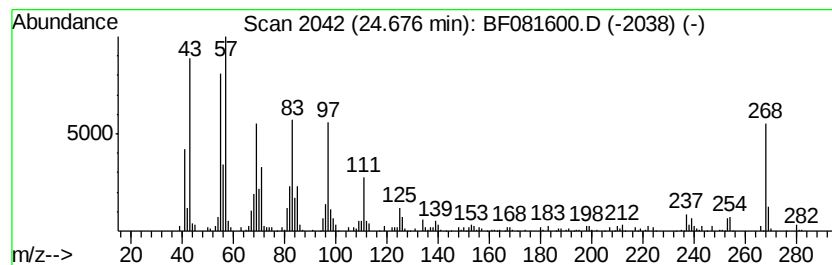
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cycloeicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.68	13.44 ng	349324	Perylene-d12	24.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Cycloeicosane	280 C20H40	000296-56-0	64
2	Trifluoroacetic acid, n-octadecy...	366 C20H37F3O2	079392-43-1	60
3	Heptafluorobutanoic acid, heptad...	452 C21H35F7O2	1000282-97-3	60
4	E-14-Hexadecenal	238 C16H30O	330207-53-9	56
5	Cyclohexane, 1-(1,5-dimethylhexy...	280 C20H40	056009-20-2	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
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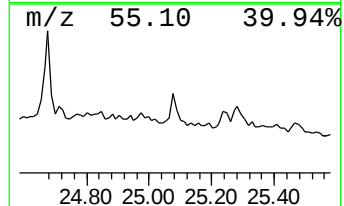
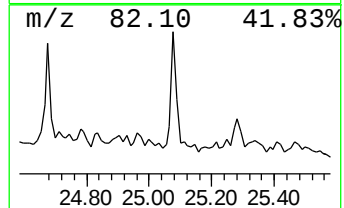
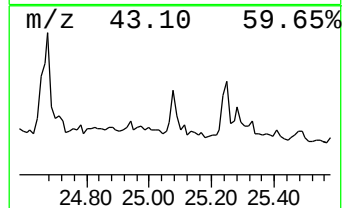
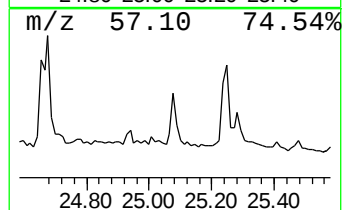
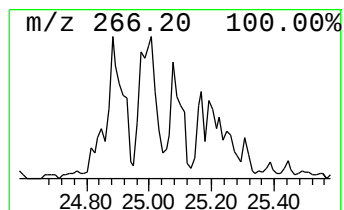
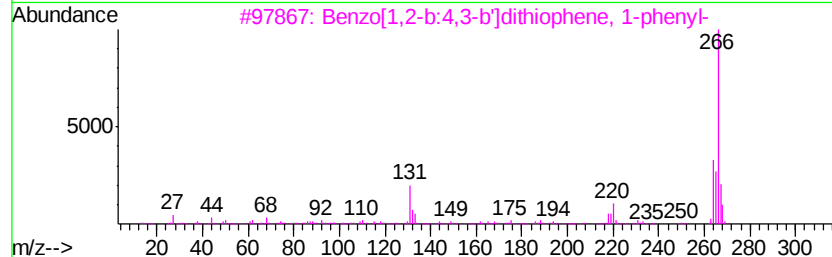
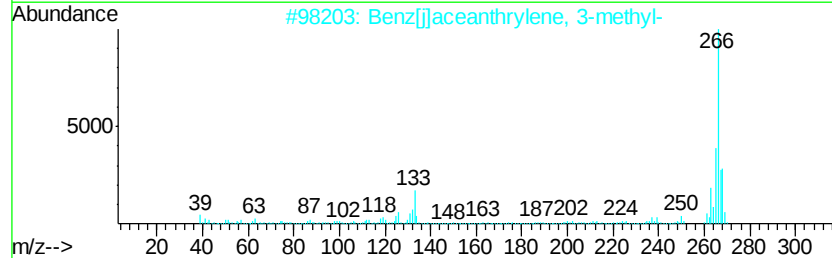
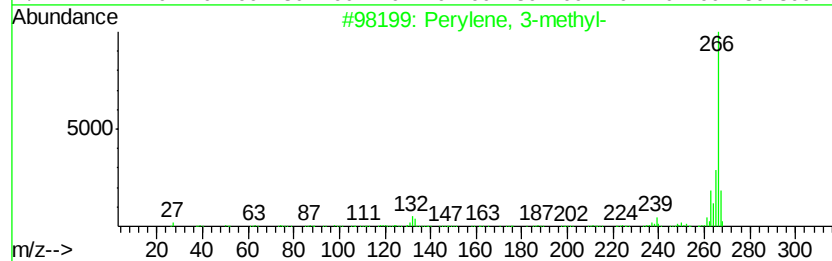
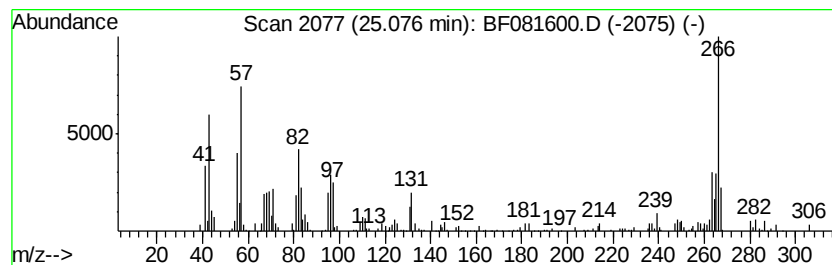
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Perylene, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
25.08	8.12 ng	210959	Perylene-d12	24.84		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Perylene, 3-methyl-	266	C21H14	024471-47-4	50
2		Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	46
3		Benzo[1,2-b:4,3-b']dithiophene, ...	266	C16H10S2	016587-58-9	38
4		Octadecanal	268	C18H36O	000638-66-4	35
5		Benzoic acid, 4-(4,5-dihydro-3-p...	266	C16H14N2O2	026192-74-5	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
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Sample : G3526-19
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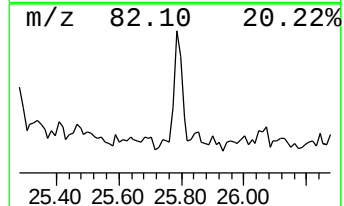
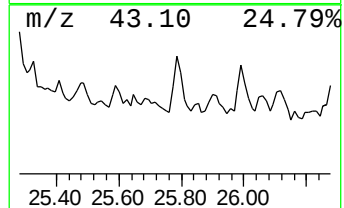
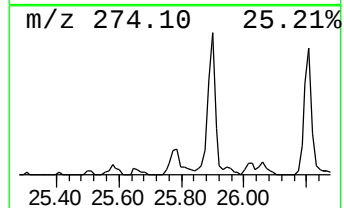
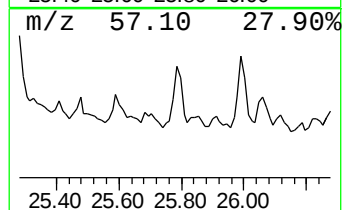
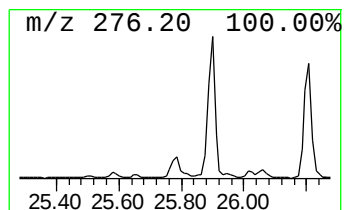
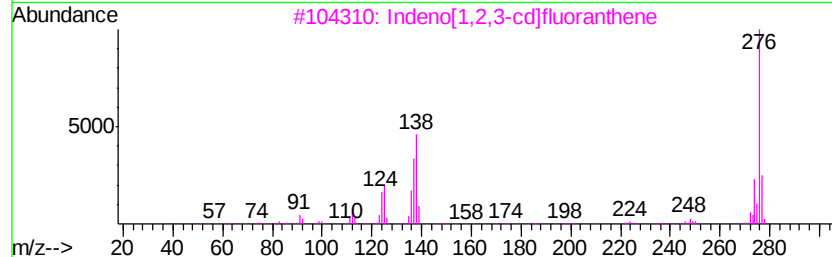
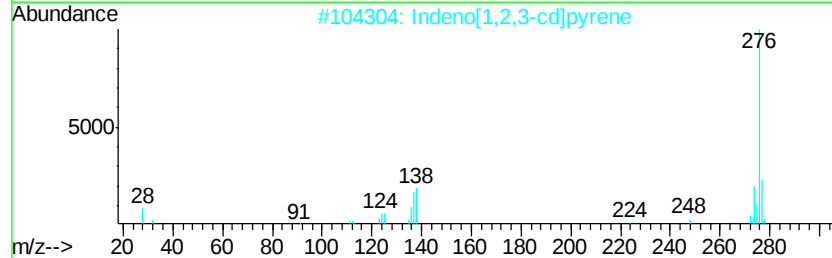
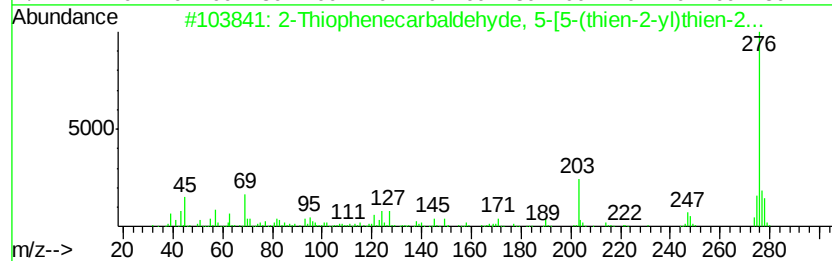
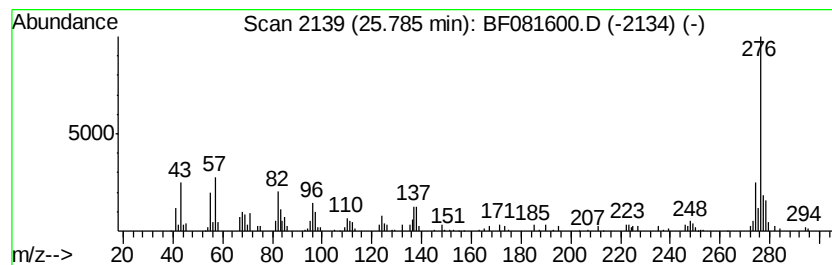
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 2-Thiophenecarbaldehyde, 5-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
25.78	7.57 ng	196652	Perylene-d12	24.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Thiophenecarbaldehyde, 5-[5-(t...	276	C13H8OS3	1000217-28-5	74
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	70
3	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	62
4	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	58
5	Naphthalen-1-yl-(3-nitro-benzyli...	276	C17H12N2O2	200421-53-0	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
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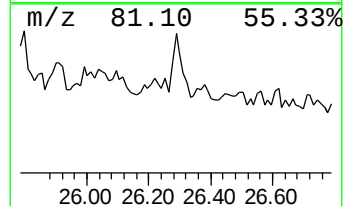
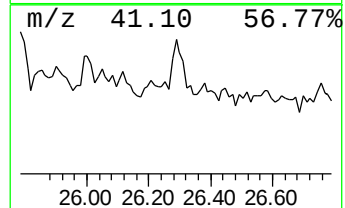
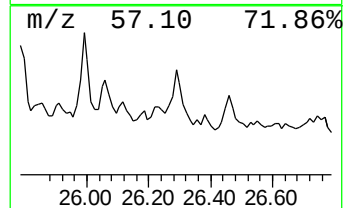
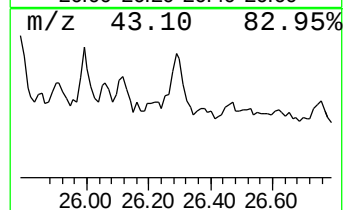
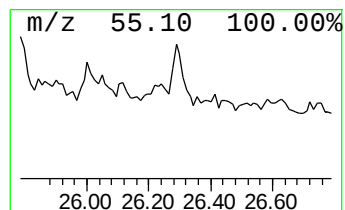
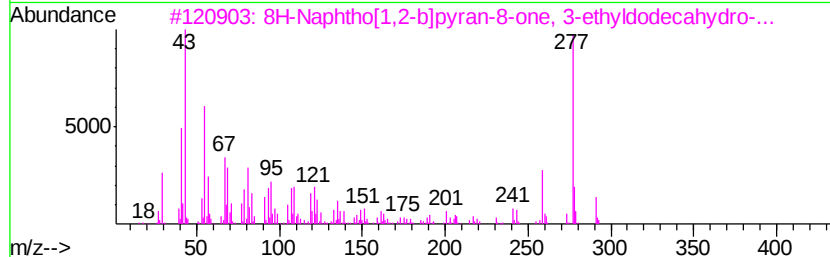
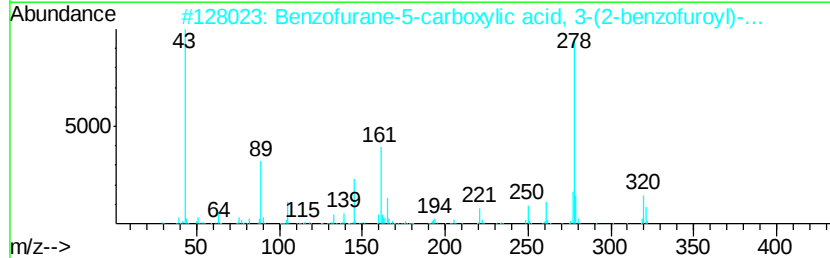
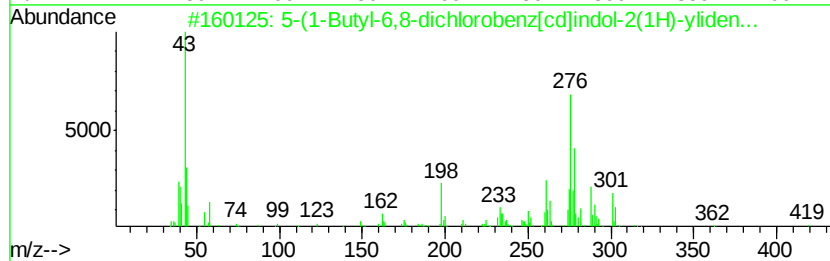
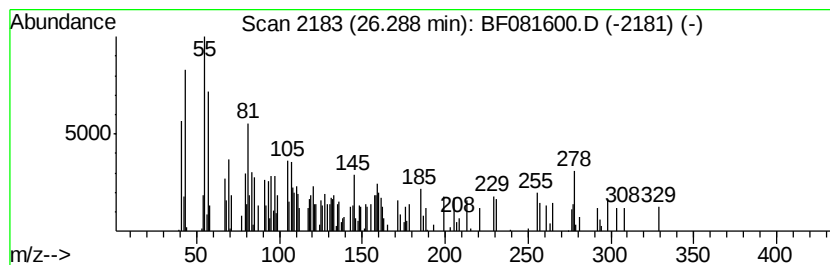
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown26.29 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.		
26.29	4.70 ng	122227	Perylene-d12	24.84		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-(1-Butyl-6,8-dichlorobenz[cd]i...	419	C21H19Cl2N04	1000223-97-7	25	
2	Benzofurane-5-carboxylic acid, 3...	320	C19H12O5	225217-51-6	9	
3	8H-Naphtho[1,2-b]pyran-8-one, 3-...	306	C20H34O2	055836-76-5	9	
4	Condyfolan, 14,19-didehydro-16-m...	278	C19H22N2	056293-10-8	7	
5	1,3-Diamino-7,8-dichlorobenzo[f]...	278	C12H8Cl2N4	037521-57-6	7	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091115\
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Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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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...	4.56	49.5	ng	1016860	1	8.25	411096	20.0
unknown7.77	7.77	84.9	ng	1744440	1	8.25	411096	20.0
Dibenzothiophene	18.53	5.4	ng	126964	4	18.79	470766	20.0
Phenanthrene, 1-m...	20.02	15.1	ng	355555	4	18.79	470766	20.0
Phenanthrene, 2-m...	20.08	17.3	ng	408245	4	18.79	470766	20.0
Anthracene, 2-met...	20.20	5.3	ng	123637	4	18.79	470766	20.0
Anthracene, 1-met...	20.26	19.3	ng	454354	4	18.79	470766	20.0
1H-Cyclopropa[1]p...	20.32	13.4	ng	314702	4	18.79	470766	20.0
n-Hexadecanoic acid	20.55	16.3	ng	383810	4	18.79	470766	20.0
5,16[1',2']:8,13[...	20.76	16.4	ng	387103	4	18.79	470766	20.0
Fluoranthene, 2-m...	22.32	5.2	ng	400756	5	23.41	1544650	20.0
4,6'-Biazulenyl	24.36	5.0	ng	129954	6	24.84	519855	20.0
Cycloeicosane	24.68	13.4	ng	349324	6	24.84	519855	20.0
Perylene, 3-methyl-	25.08	8.1	ng	210959	6	24.84	519855	20.0
2-Thiophenecarbal...	25.78	7.6	ng	196652	6	24.84	519855	20.0
unknown26.29	26.29	4.7	ng	122227	6	24.84	519855	20.0