

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107122.D
 Acq On : 5 Jul 2018 13:07
 Operator : JU/SJ
 Sample : J3853-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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	5.190	481	485	496	rBV	161305	207819	5.53%	0.346%
2	5.596	549	554	572	rBV	1354312	1374957	36.59%	2.289%
3	6.596	719	724	736	rBV	1271676	1444056	38.42%	2.404%
4	6.725	742	746	749	rBV	1452499	1430491	38.06%	2.382%
5	6.948	780	784	787	rBV	444452	379224	10.09%	0.631%
6	7.101	806	810	814	rBV	1185845	1126711	29.98%	1.876%
7	7.513	875	880	883	rBV	903607	937800	24.95%	1.561%
8	8.231	998	1002	1004	rBV	548562	483772	12.87%	0.805%
9	9.301	1178	1184	1188	rBV	1655138	1637591	43.57%	2.726%
10	9.407	1198	1202	1206	rVB	260709	227292	6.05%	0.378%
11	9.695	1248	1251	1257	rVB	404279	352540	9.38%	0.587%
12	9.848	1274	1277	1282	rBV	338244	324242	8.63%	0.540%
13	9.989	1298	1301	1304	rBV	664798	542274	14.43%	0.903%
14	10.019	1304	1306	1310	rVB	286518	240098	6.39%	0.400%
15	10.195	1331	1336	1338	rBV2	93103	108845	2.90%	0.181%
16	10.536	1391	1394	1400	rVB	317645	305459	8.13%	0.509%
17	10.789	1429	1437	1440	rBV	1122864	1188351	31.62%	1.978%
18	11.083	1481	1487	1490	rBV2	131162	167554	4.46%	0.279%
19	11.213	1504	1509	1511	rVV3	72066	96874	2.58%	0.161%
20	11.236	1511	1513	1517	rVV2	82202	99153	2.64%	0.165%
21	11.325	1525	1528	1534	rVV3	76614	122559	3.26%	0.204%
22	11.378	1534	1537	1543	rVB	183094	159717	4.25%	0.266%
23	11.483	1551	1555	1557	rBV	558057	592620	15.77%	0.987%
24	11.519	1557	1561	1564	rVV	1967851	2119977	56.41%	3.529%
25	11.560	1565	1568	1572	rVV	771023	753874	20.06%	1.255%
26	11.595	1572	1574	1579	rVV2	98639	108281	2.88%	0.180%
27	11.719	1590	1595	1598	rVV2	289068	313708	8.35%	0.522%
28	11.772	1602	1604	1607	rVV	127178	108706	2.89%	0.181%
29	11.813	1609	1611	1615	rVB2	85567	91497	2.43%	0.152%
30	11.983	1636	1640	1643	rBV	448319	413918	11.01%	0.689%
31	12.013	1643	1645	1649	rVB	564789	488587	13.00%	0.813%
32	12.060	1649	1653	1656	rBV	229667	220528	5.87%	0.367%
33	12.101	1656	1660	1662	rBV2	828650	917087	24.40%	1.527%
34	12.125	1662	1664	1667	rVB	315675	253251	6.74%	0.422%

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Integration Parameters: rteint.p
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 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.278	1687	1690	1693	rVV	348299	302045	8.04%	0.503%
36	12.319	1693	1697	1700	rVB2	174629	175485	4.67%	0.292%
37	12.425	1710	1715	1719	rBV2	97428	121712	3.24%	0.203%
38	12.536	1730	1734	1737	rBV	281261	314898	8.38%	0.524%
39	12.577	1737	1741	1746	rVB3	194135	303922	8.09%	0.506%
40	12.636	1746	1751	1754	rBV2	205934	264696	7.04%	0.441%
41	12.719	1759	1765	1768	rBV	2315738	3468114	92.28%	5.774%
42	12.766	1771	1773	1776	rVB2	110770	100952	2.69%	0.168%
43	12.801	1776	1779	1782	rBV	197273	154463	4.11%	0.257%
44	12.860	1785	1789	1791	rVV	148584	156746	4.17%	0.261%
45	12.954	1796	1805	1807	rBV2	2274710	3758166	100.00%	6.257%
46	12.983	1807	1810	1814	rVB	215771	217857	5.80%	0.363%
47	13.072	1818	1825	1827	rBV2	1454298	1671756	44.48%	2.783%
48	13.095	1827	1829	1834	rVB	171205	186057	4.95%	0.310%
49	13.154	1834	1839	1843	rBV2	304155	538723	14.33%	0.897%
50	13.242	1850	1854	1855	rBV3	240761	317767	8.46%	0.529%
51	13.266	1855	1858	1861	rVB	796509	736767	19.60%	1.227%
52	13.330	1866	1869	1871	rBV	689500	570299	15.17%	0.949%
53	13.372	1871	1876	1878	rVV2	391026	463088	12.32%	0.771%
54	13.424	1882	1885	1888	rBV2	83906	98267	2.61%	0.164%
55	13.466	1888	1892	1894	rBV	228604	216927	5.77%	0.361%
56	13.495	1894	1897	1899	rVB	255024	212800	5.66%	0.354%
57	13.666	1923	1926	1927	rVV2	98256	108205	2.88%	0.180%
58	13.683	1927	1929	1932	rVV	137662	135990	3.62%	0.226%
59	13.748	1936	1940	1942	rVV2	120699	158142	4.21%	0.263%
60	13.777	1942	1945	1949	rVV	267691	278073	7.40%	0.463%
61	13.889	1960	1964	1966	rVV	362217	391924	10.43%	0.652%
62	13.913	1966	1968	1970	rVV	435434	360699	9.60%	0.601%
63	13.942	1970	1973	1979	rVV3	467503	667539	17.76%	1.111%
64	13.989	1979	1981	1987	rVB2	234704	231017	6.15%	0.385%
65	14.054	1987	1992	1998	rBV	123386	216102	5.75%	0.360%
66	14.136	1998	2006	2010	rBV2	1718425	2985261	79.43%	4.970%
67	14.177	2010	2013	2016	rVV	1699956	1746359	46.47%	2.907%
68	14.254	2023	2026	2030	rVV	540951	524921	13.97%	0.874%
69	14.295	2030	2033	2035	rVV	231067	256489	6.82%	0.427%
70	14.336	2038	2040	2042	rVV	157762	137861	3.67%	0.230%
71	14.371	2042	2046	2049	rVV2	227536	332985	8.86%	0.554%

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ClientSampleId :
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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72	14.495	2064	2067	2069	rVV	163311	182108	4.85%	0.303%
73	14.530	2069	2073	2076	rVV	469432	570666	15.18%	0.950%
74	14.566	2076	2079	2084	rVV3	251918	389690	10.37%	0.649%
75	14.613	2084	2087	2088	rVV2	155740	175988	4.68%	0.293%
76	14.636	2088	2091	2093	rVV	255212	274443	7.30%	0.457%
77	14.660	2093	2095	2097	rVV	308281	327429	8.71%	0.545%
78	14.683	2097	2099	2103	rVV2	370377	347773	9.25%	0.579%
79	14.730	2103	2107	2110	rVB3	149179	177500	4.72%	0.296%
80	14.866	2126	2130	2132	rBV3	149214	178322	4.74%	0.297%
81	15.054	2158	2162	2165	rBV2	226781	267325	7.11%	0.445%
82	15.242	2186	2194	2196	rBV	1466001	2836031	75.46%	4.722%
83	15.266	2196	2198	2201	rVV	1113856	1019176	27.12%	1.697%
84	15.301	2201	2204	2207	rVB2	100857	131496	3.50%	0.219%
85	15.342	2207	2211	2215	rBV	498830	581524	15.47%	0.968%
86	15.430	2222	2226	2227	rBV2	112148	124533	3.31%	0.207%
87	15.489	2232	2236	2241	rVV3	113481	264622	7.04%	0.441%
88	15.560	2242	2248	2254	rVV	1033762	1580024	42.04%	2.630%
89	15.636	2254	2261	2266	rVV	1414108	2298325	61.16%	3.826%
90	15.689	2266	2270	2273	rVV	334757	483025	12.85%	0.804%
91	15.724	2273	2276	2281	rVB	631003	798718	21.25%	1.330%
92	16.060	2331	2333	2342	rVB5	74731	148262	3.95%	0.247%
93	16.283	2367	2371	2376	rBV2	156891	214473	5.71%	0.357%
94	16.448	2396	2399	2409	rVB4	82474	151384	4.03%	0.252%
95	17.289	2532	2542	2548	rBV	718237	1676762	44.62%	2.792%
96	17.342	2548	2551	2556	rVB	72603	114888	3.06%	0.191%
97	17.454	2564	2570	2575	rBV	157960	326968	8.70%	0.544%
98	17.518	2576	2581	2588	rVB2	124460	261293	6.95%	0.435%
99	17.777	2615	2625	2636	rVB	554031	1365681	36.34%	2.274%
100	18.024	2659	2667	2679	rVB2	202982	575021	15.30%	0.957%

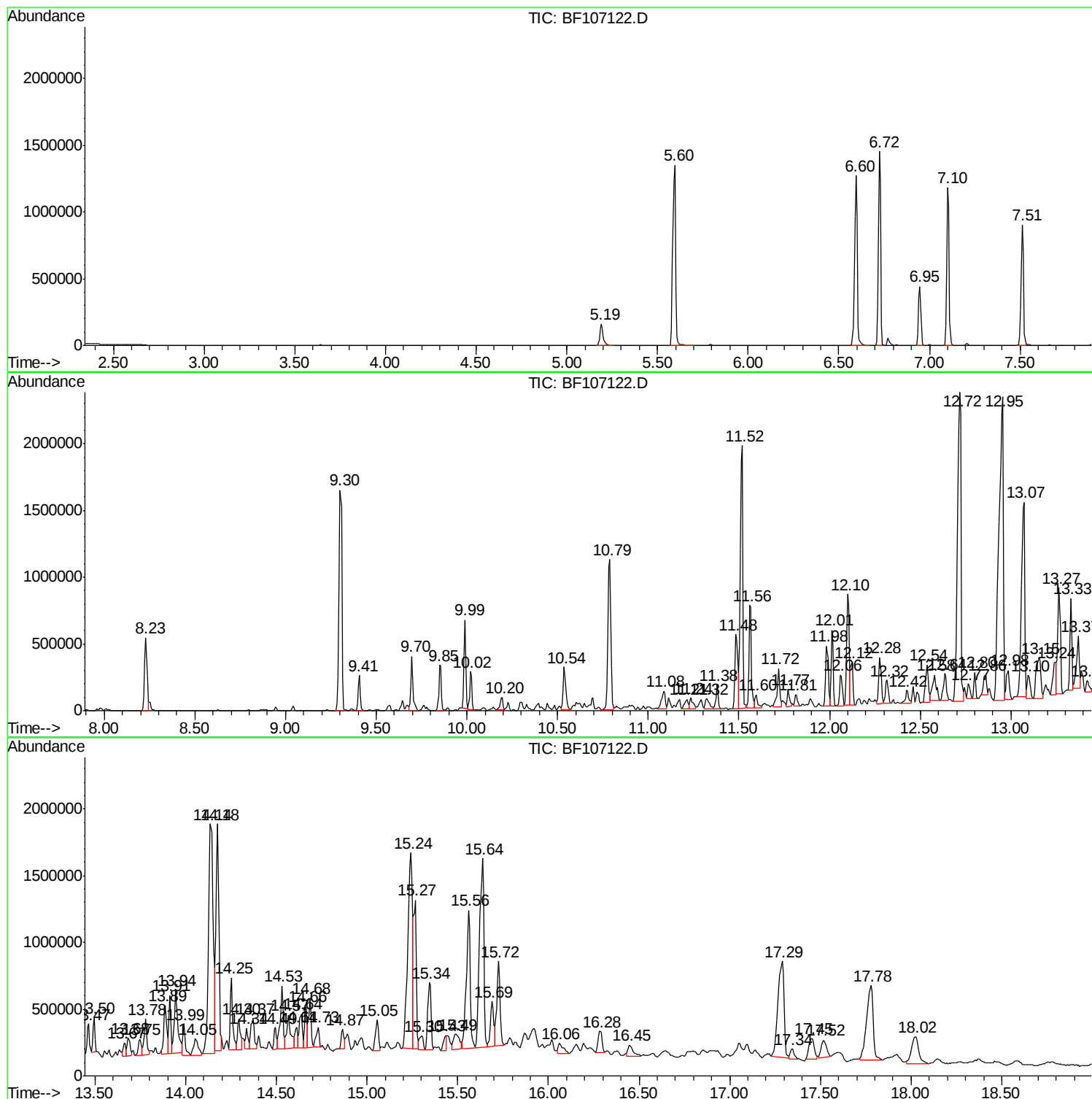
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Instrument :
BNA_F
ClientSampled :
B-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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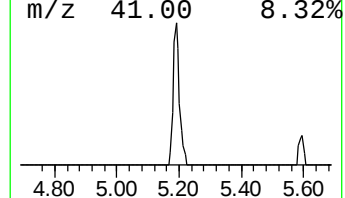
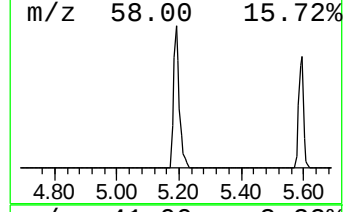
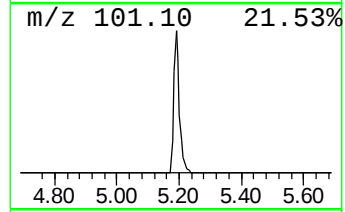
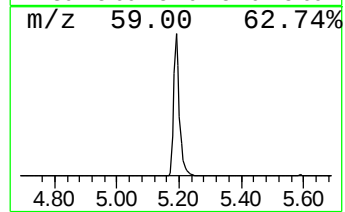
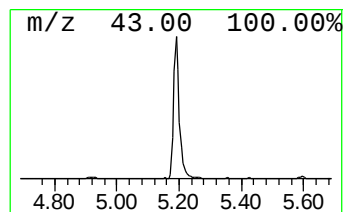
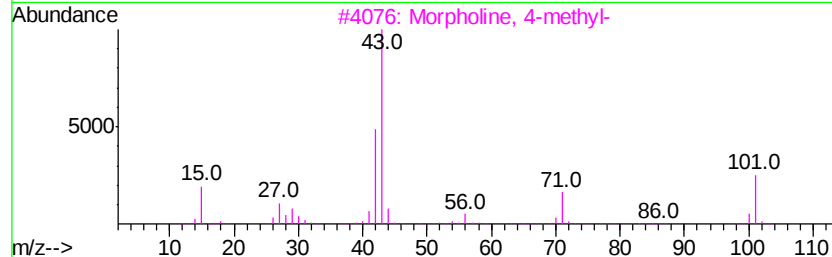
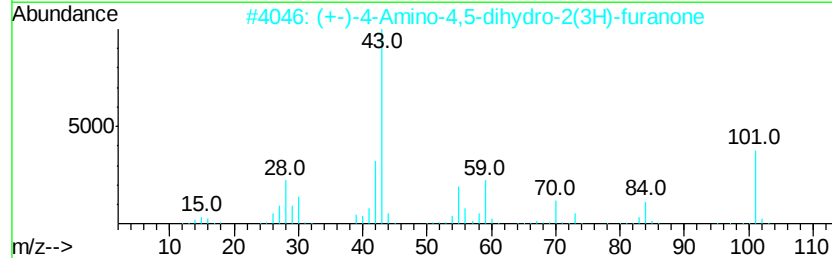
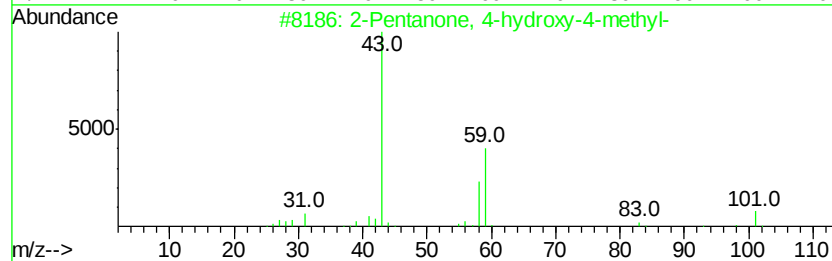
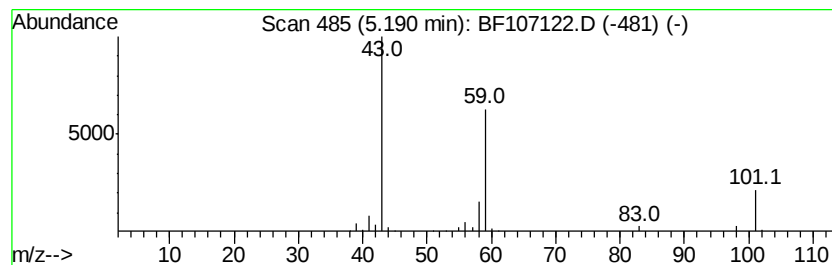
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	10.96 ng	207819	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		(+)-4-Amino-4,5-dihydro-2(3H)-furanone	101	C4H7NO2	016504-58-8	9
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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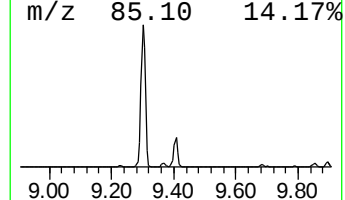
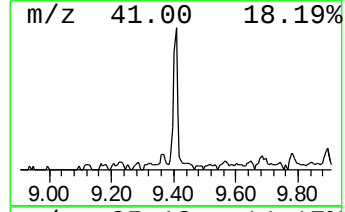
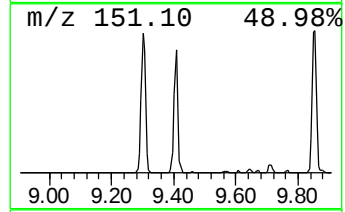
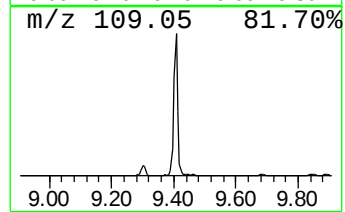
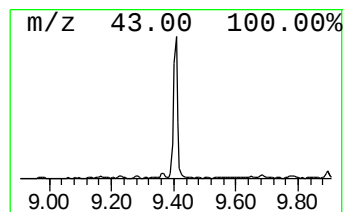
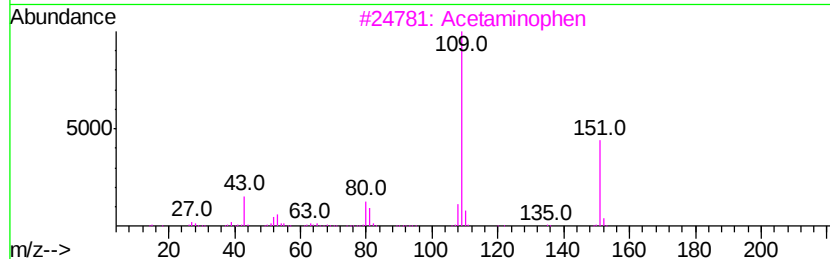
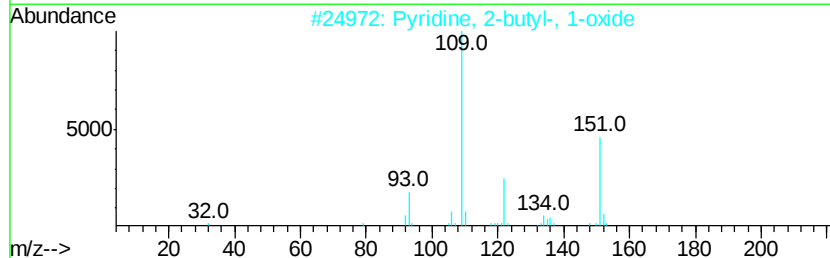
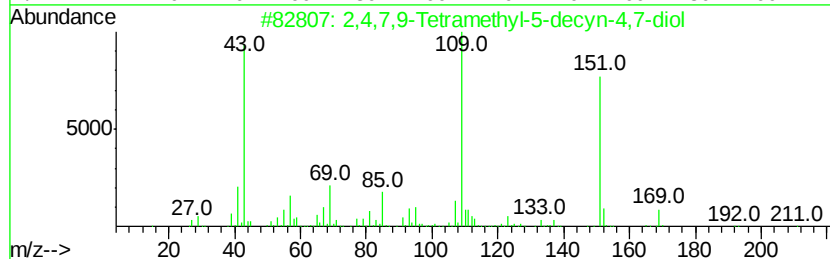
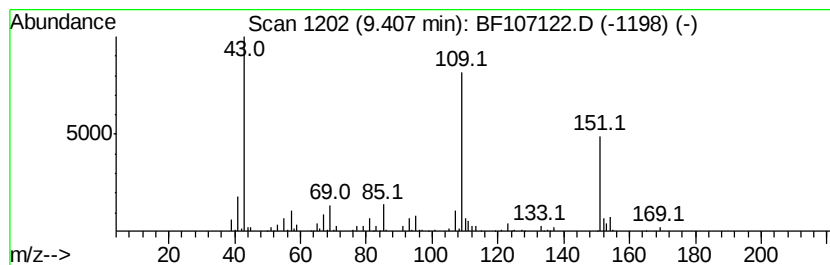
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	8.38 ng	227292	Acenaphthene-d10	9.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2			Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
3			Acetaminophen	151	C8H9NO2	000103-90-2	59
4			Metacetamol	151	C8H9NO2	000621-42-1	59
5			(4-Fluorophenyl) methanol, ethyl...	154	C9H11FO	1000374-63-4	49



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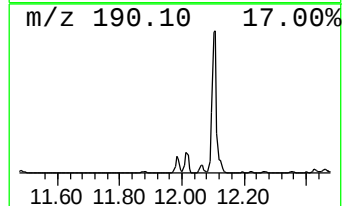
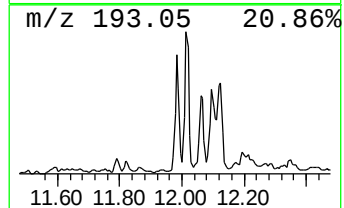
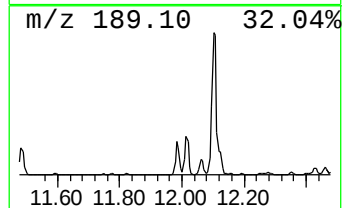
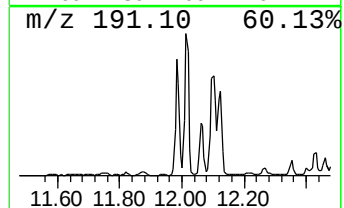
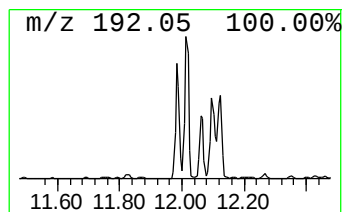
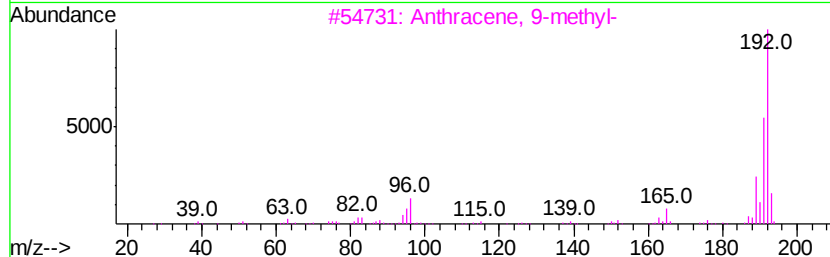
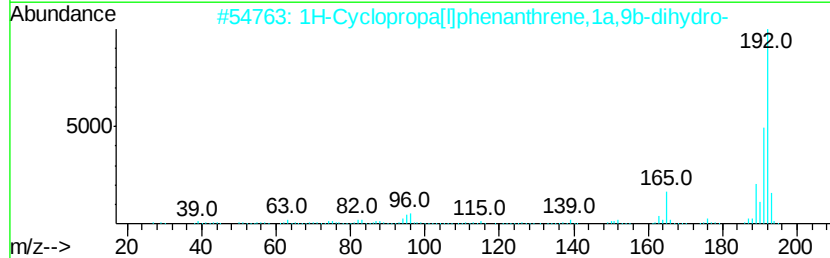
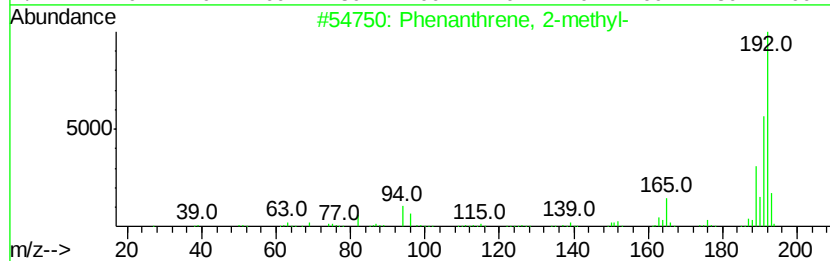
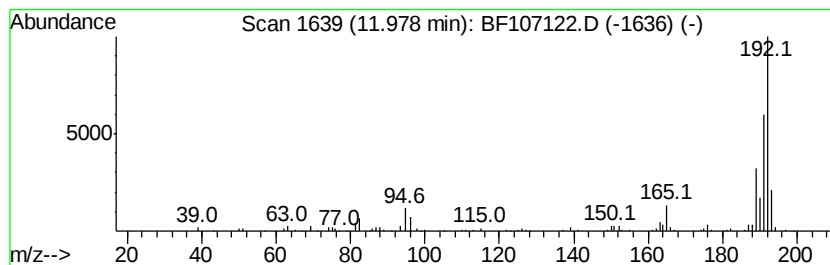
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	13.97 ng	413918	Phenanthrene-d10	11.48

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



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Data File : BF107122.D
Acq On : 5 Jul 2018 13:07
Operator : JU/SJ
Sample : J3853-06
Misc :
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Instrument :
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ClientSampleId :
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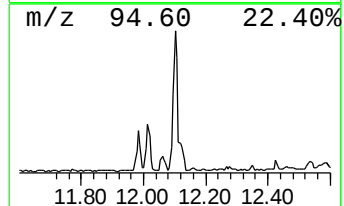
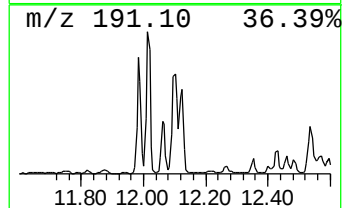
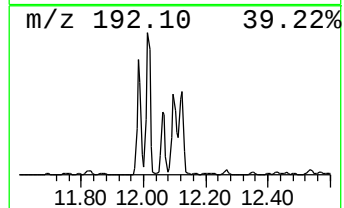
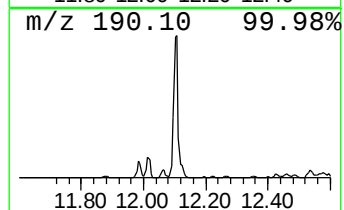
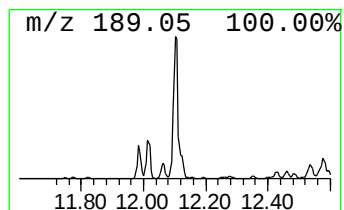
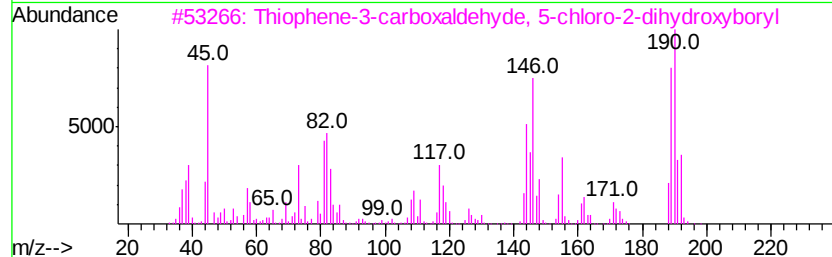
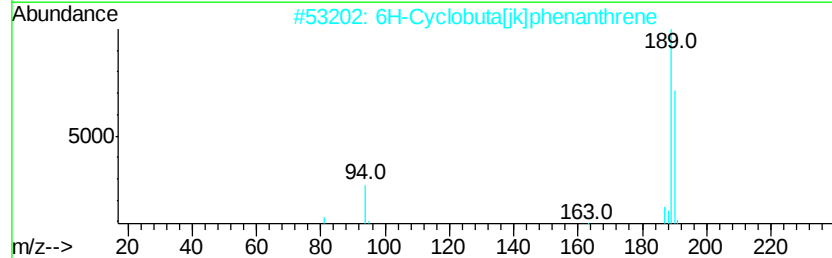
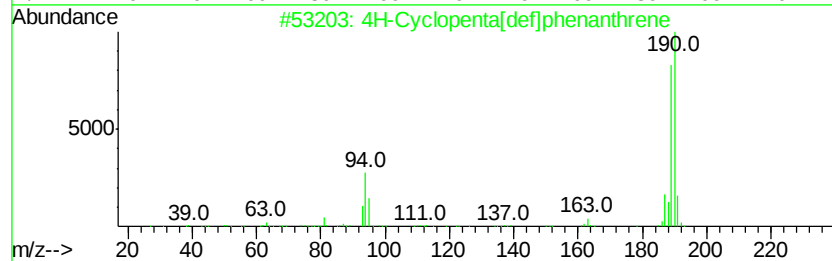
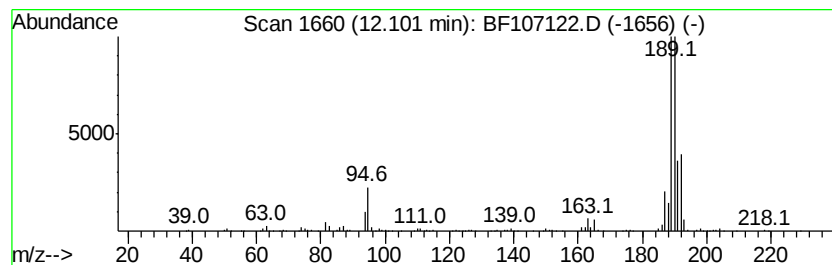
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	30.95 ng	917087	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	59
3		Thiophene-3-carboxaldehyd, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42



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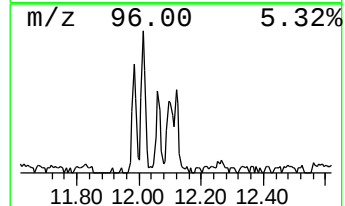
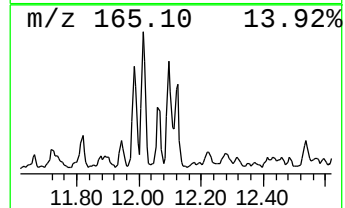
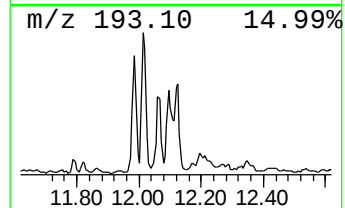
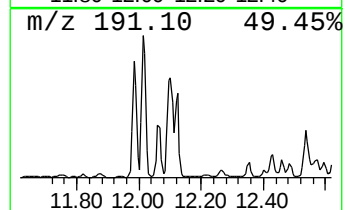
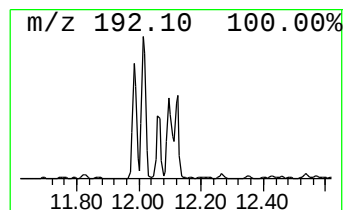
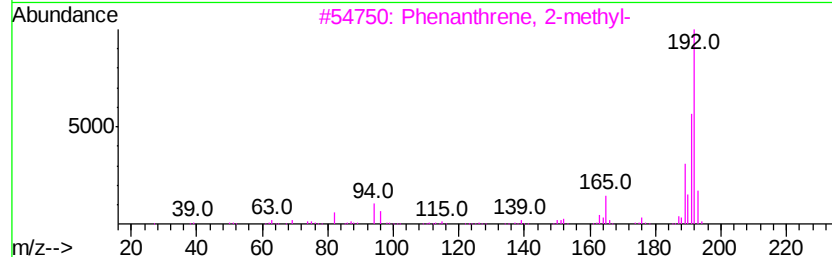
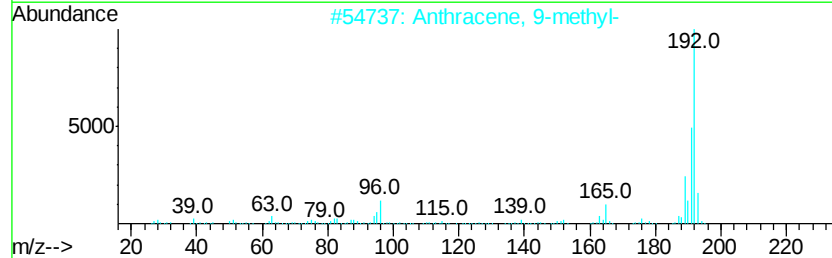
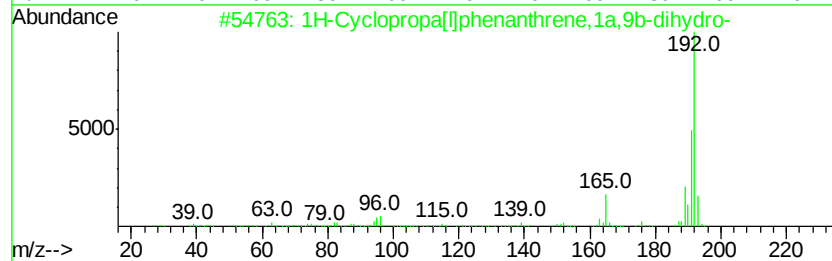
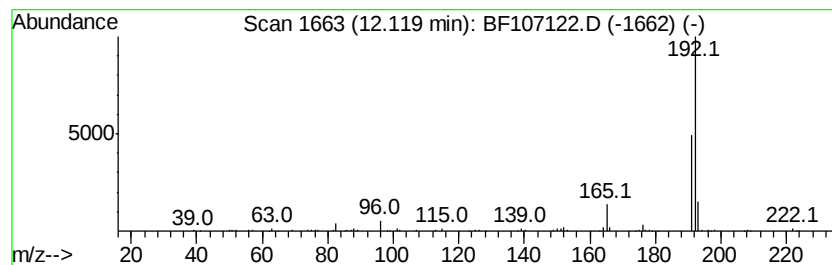
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	8.55 ng	253251	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
4		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87



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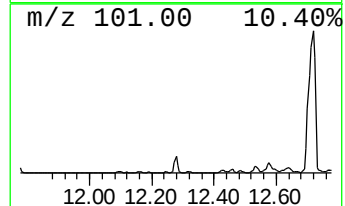
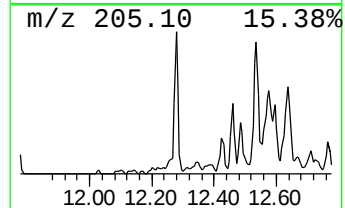
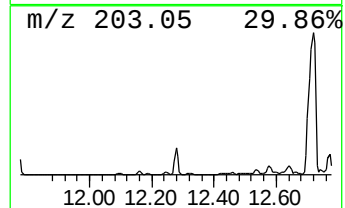
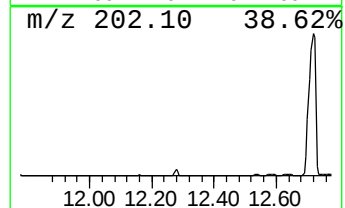
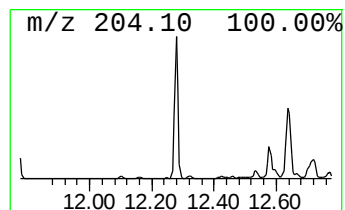
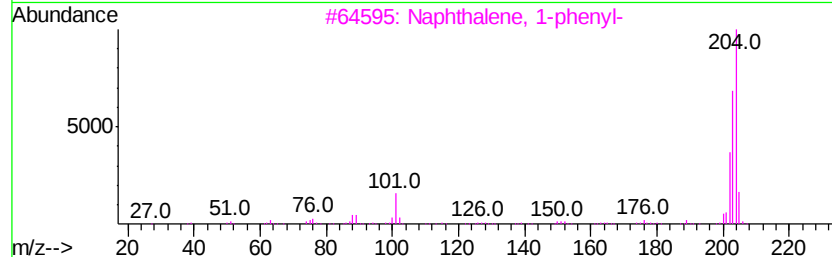
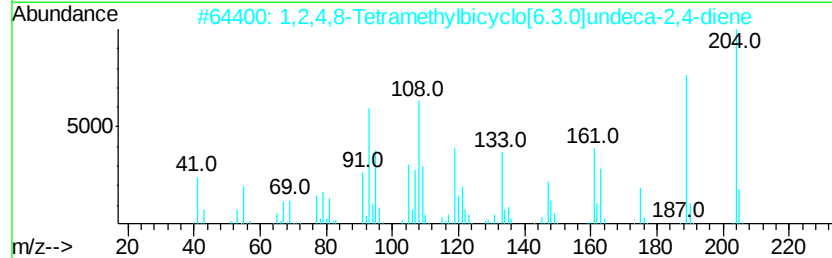
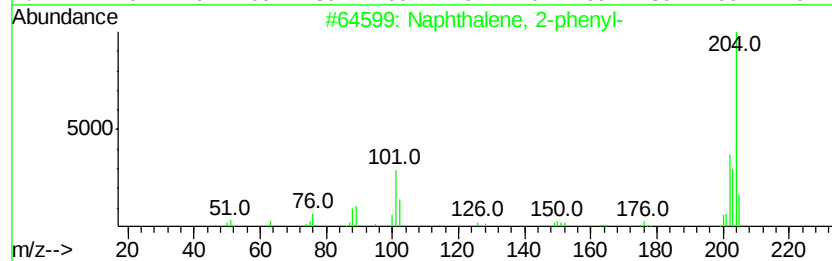
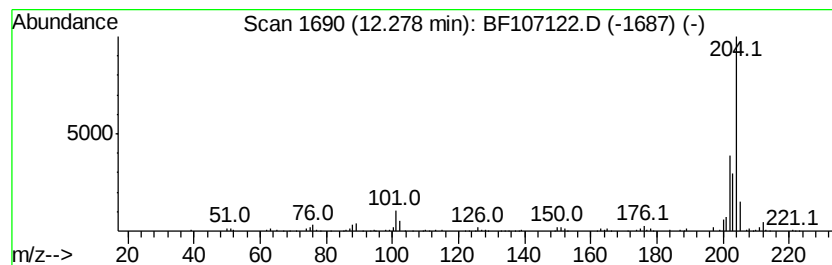
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	10.19 ng	302045	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	80
3		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2,4,6,8-tetraene	204	C16H12	006572-60-7	52
5		5,16[1',2']:8,13[1'',2'']-Dibenz[1,2-b:4,5-b']pentalene	408	C32H24	005672-97-9	52



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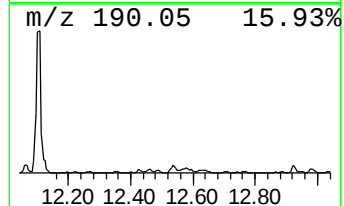
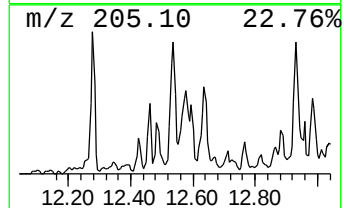
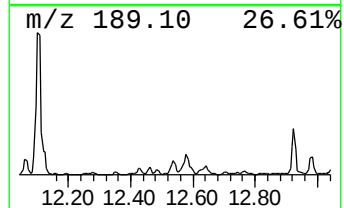
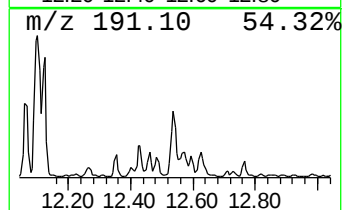
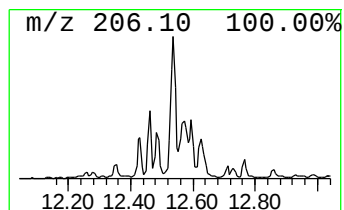
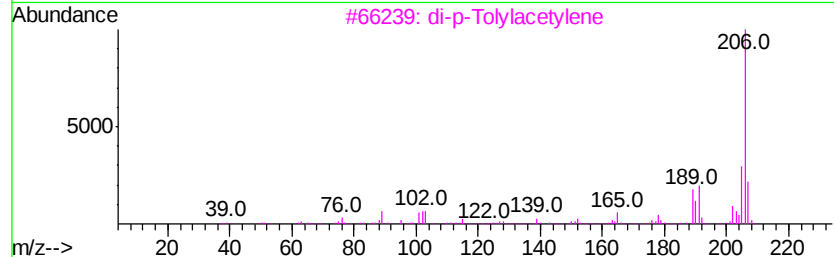
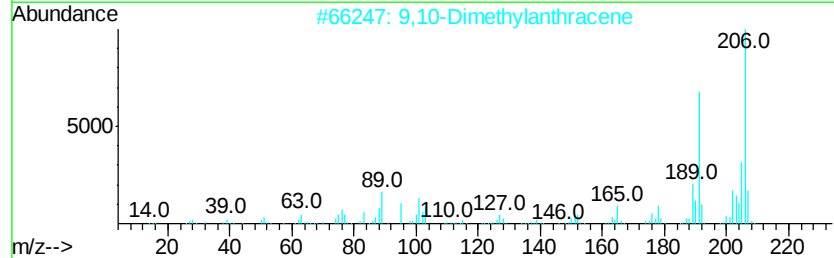
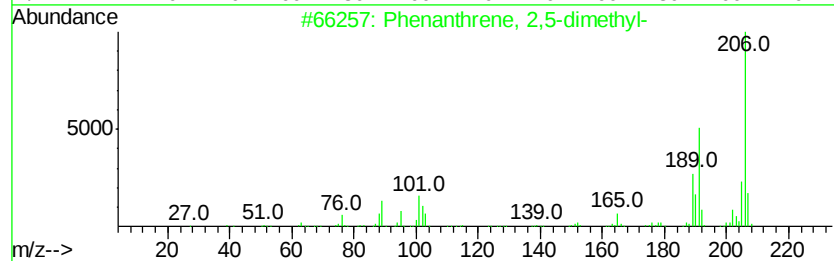
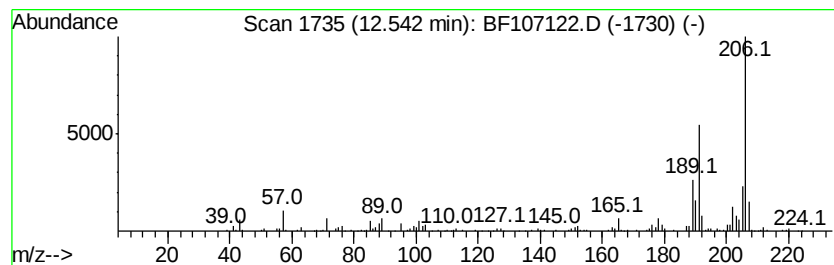
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	10.63 ng	314898	Phenanthrene-d10	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	95
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
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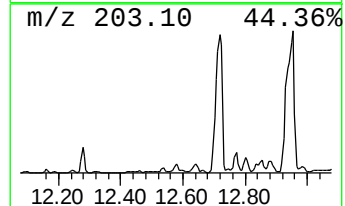
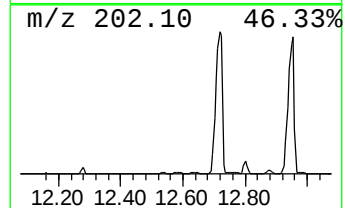
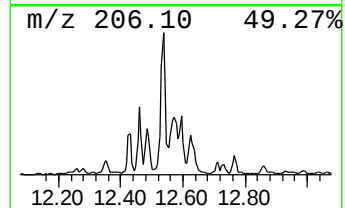
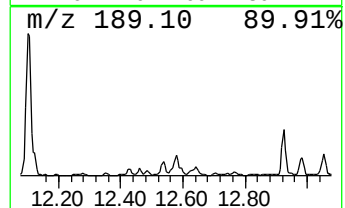
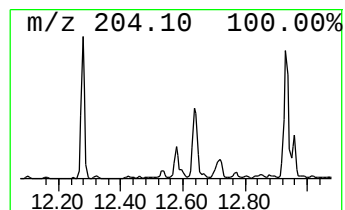
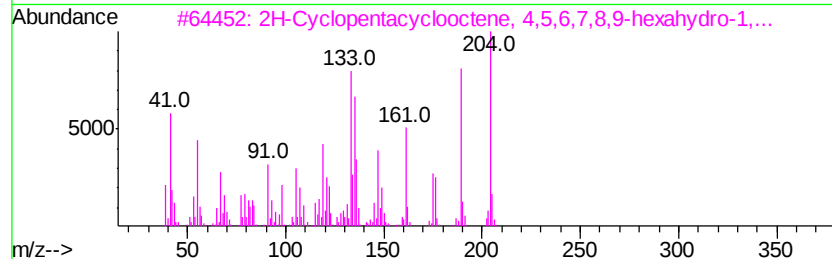
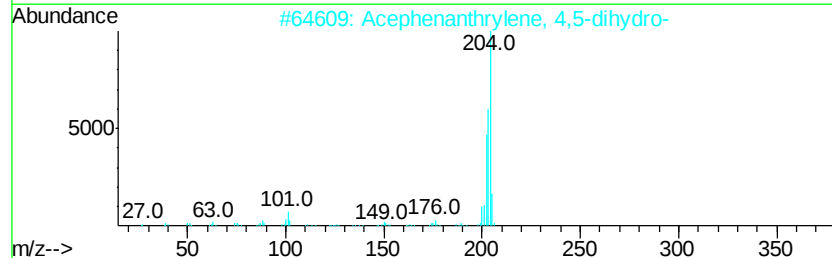
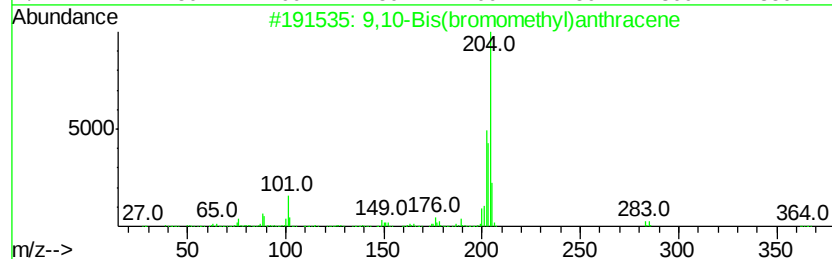
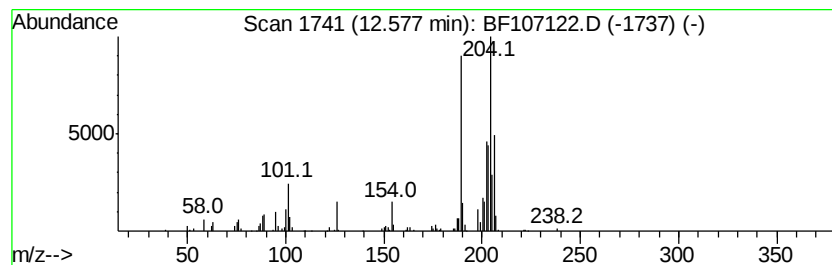
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown12.58 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	10.26 ng	303922	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	47
2		Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	41
3		2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	38
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
5		Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	38



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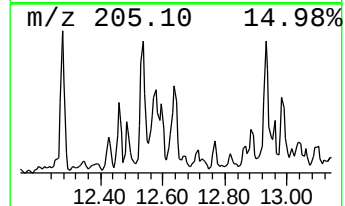
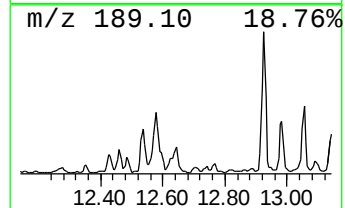
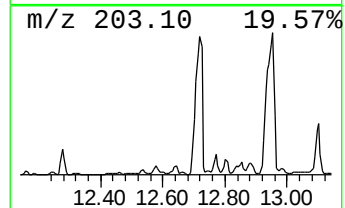
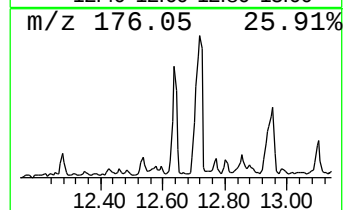
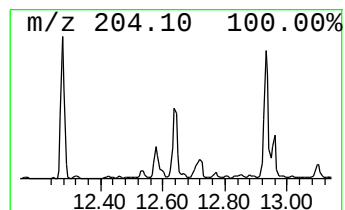
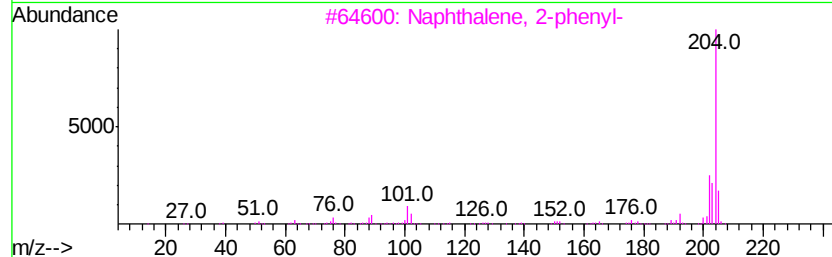
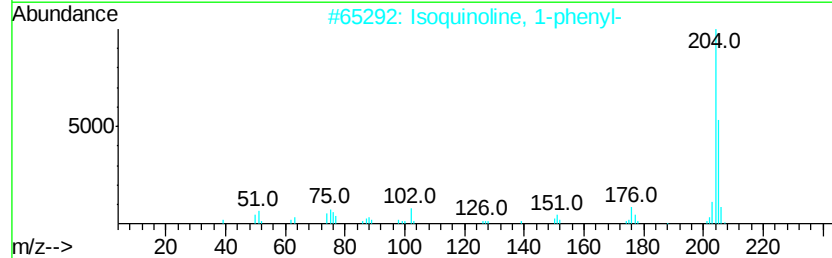
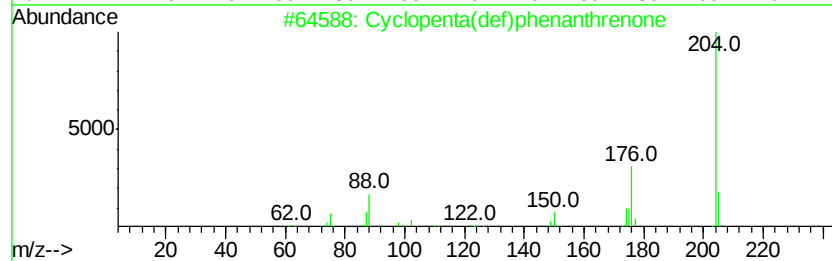
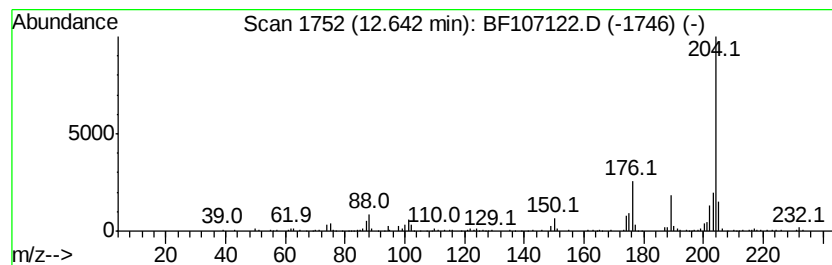
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.64	8.93 ng	264696	Phenanthrene-d10		11.48	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cvclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		Isoquinoline, 1-phenyl-	205	C15H11N	003297-72-1	64
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	55
4		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
5		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50



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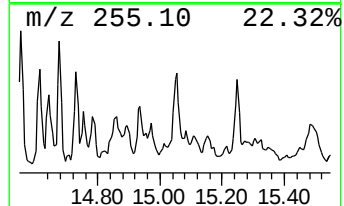
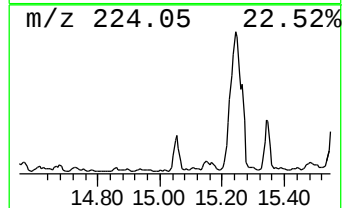
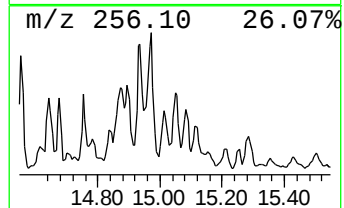
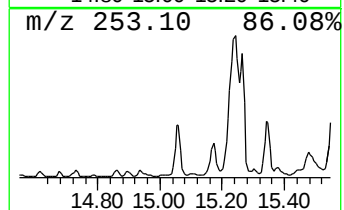
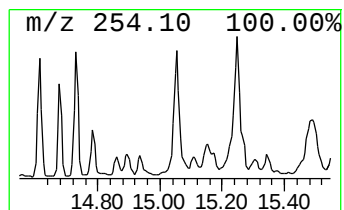
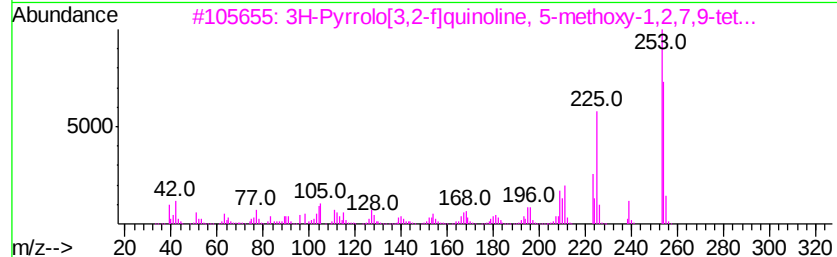
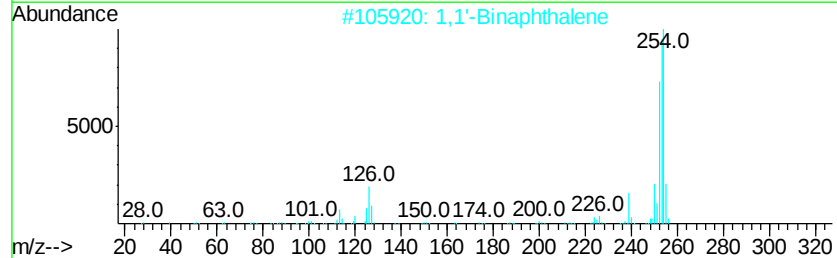
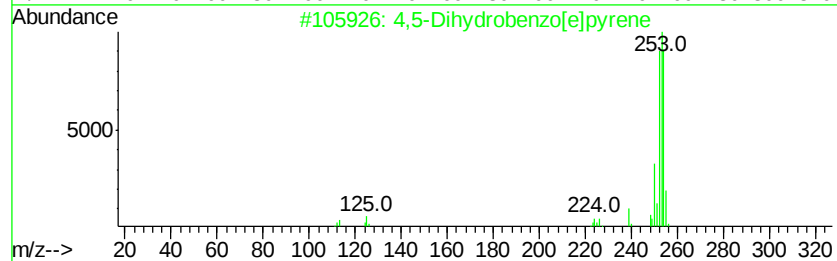
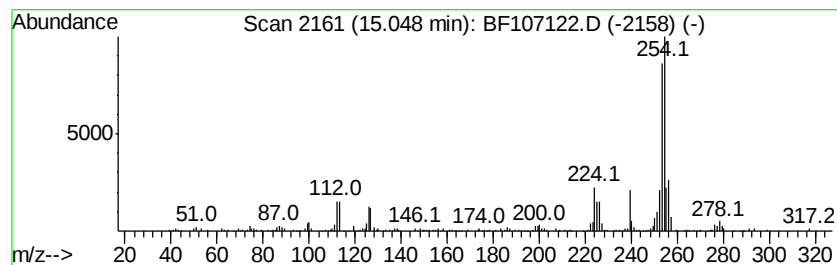
Instrument :
BNA_F
ClientSampleId :
B-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 4,5-Dihydrobenzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	11.07 ng	267325	Perylene-d12	15.69
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	4,5-Dihydrobenzo[e]pyrene	254 C20H14	095676-42-9	90
2	1,1'-Binaphthalene	254 C20H14	000604-53-5	89
3	3H-Pyrrolo[3,2-f]quinoline, 5-me...	254 C16H18N2O	1000350-44-1	68
4	9,10[1',2']-Benzenoanthracene, 9...	254 C20H14	000477-75-8	64
5	9H-Fluorene, 9-(phenylmethylene)-	254 C20H14	001836-87-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107122.D
Acq On : 5 Jul 2018 13:07
Operator : JU/SJ
Sample : J3853-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5

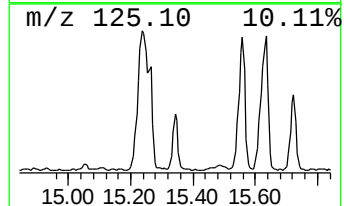
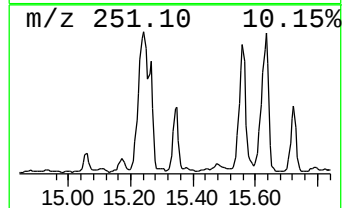
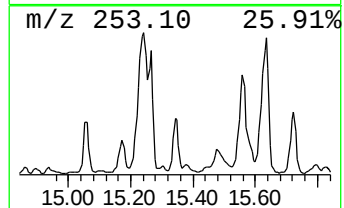
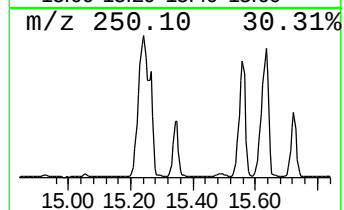
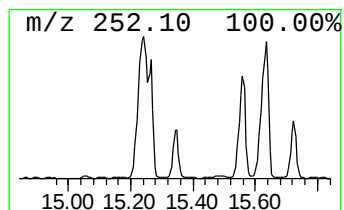
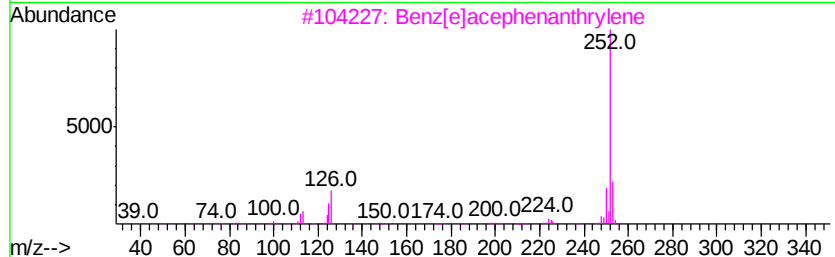
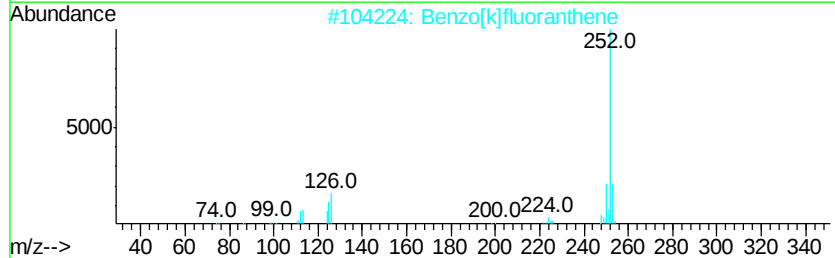
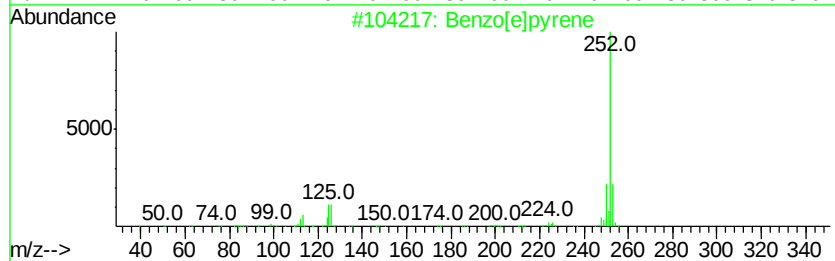
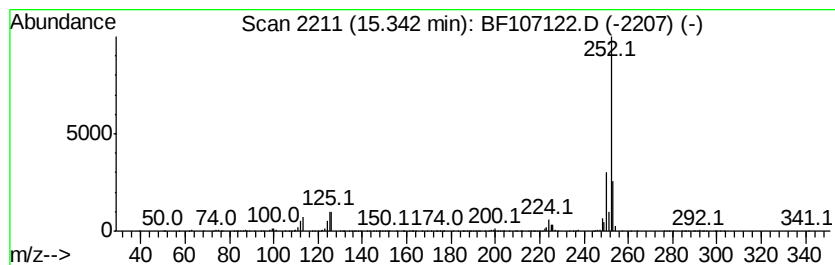
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	24.08 ng	581524	Perylene-d12	15.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
4		Benzo[a]pyrene	252	C20H12	000050-32-8	93
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107122.D
Acq On : 5 Jul 2018 13:07
Operator : JU/SJ
Sample : J3853-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
B-5

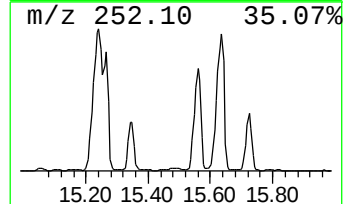
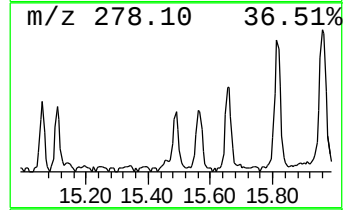
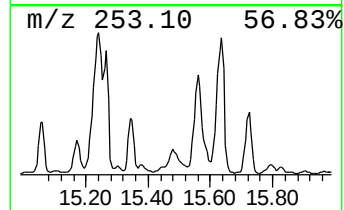
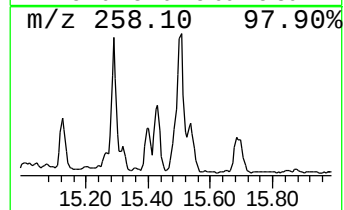
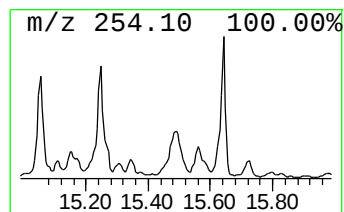
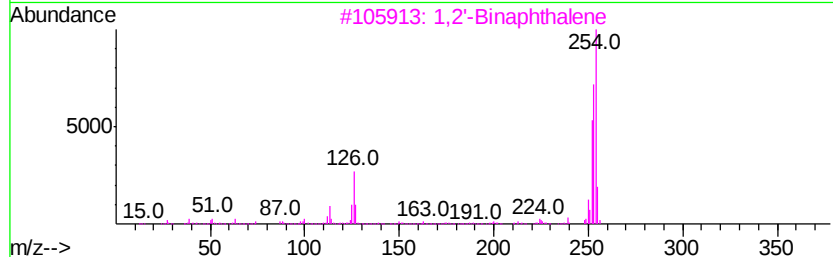
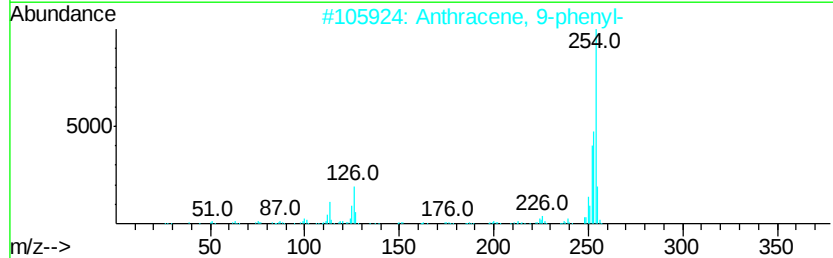
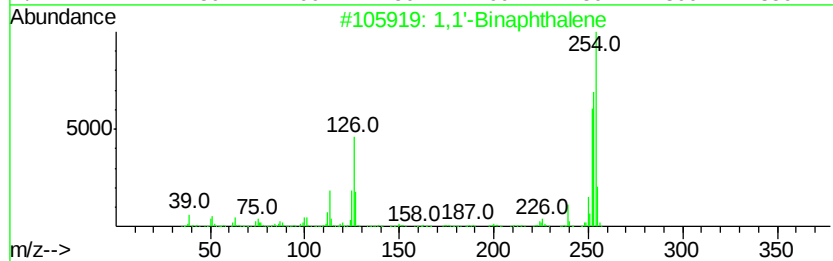
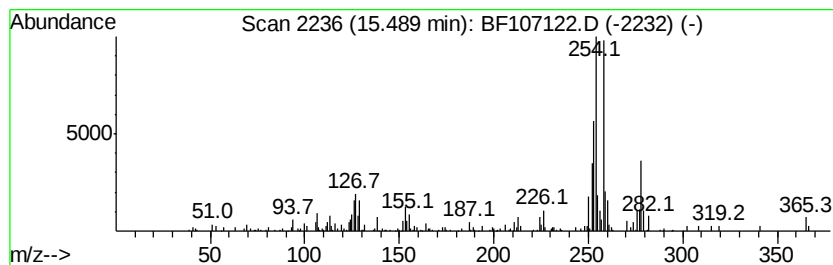
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown15.49 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	10.96 ng	264622	Perylene-d12	15.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Binaphthalene	254	C20H14	000604-53-5	42
2		Anthracene, 9-phenyl-	254	C20H14	000602-55-1	42
3		1,2'-Binaphthalene	254	C20H14	004325-74-0	42
4		Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	42
5		6,6'-Biazulene,	254	C20H14	073393-11-0	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107122.D
Acq On : 5 Jul 2018 13:07
Operator : JU/SJ
Sample : J3853-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5

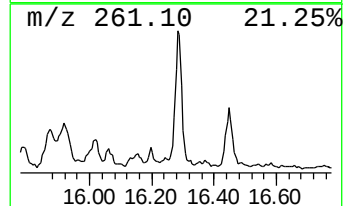
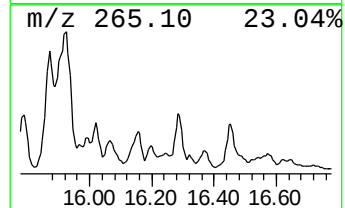
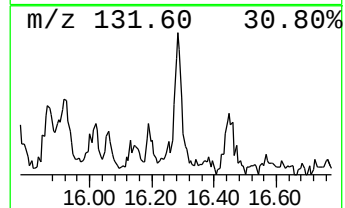
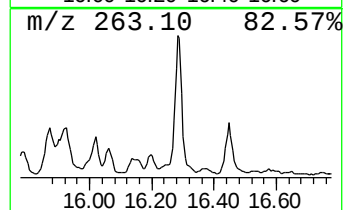
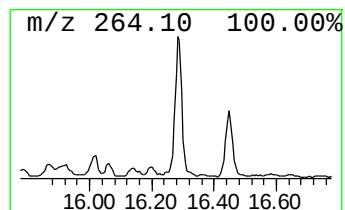
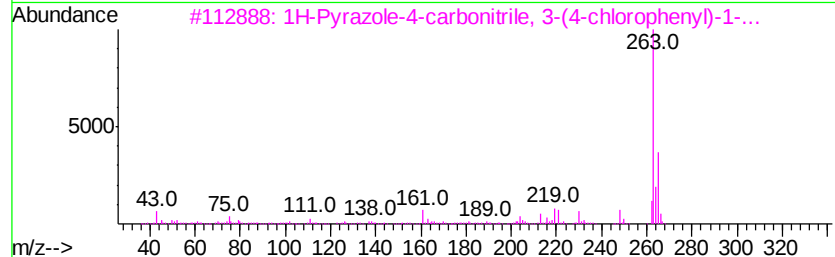
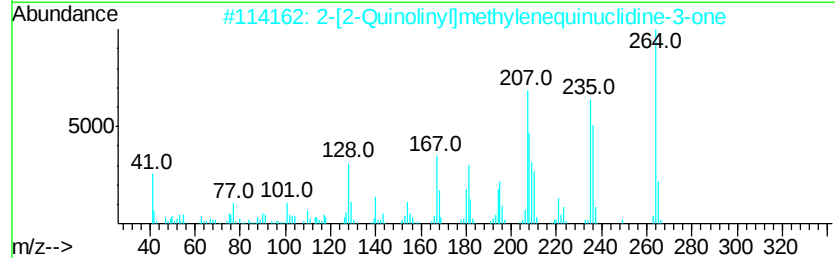
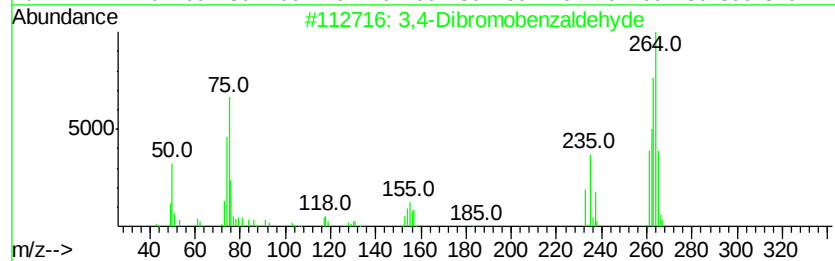
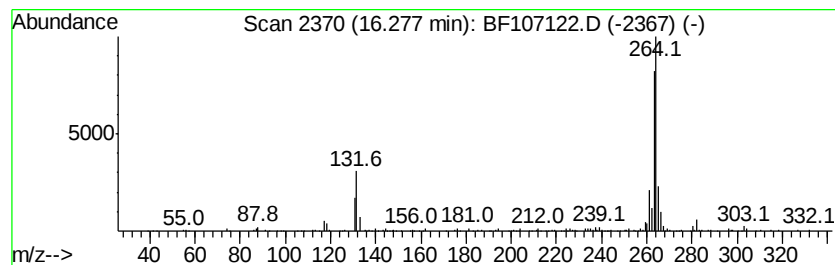
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 3,4-Dibromobenzaldehyde Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	8.88 ng	214473	Perylene-d12	15.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	64
2		2-[2-Quinolinyllmethylenequinucl...	264	C17H16N2O	1000257-08-0	38
3		1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	35
4		2,5-Bis(4-hydroxyphenyl)pyrimidine	264	C16H12N2O2	159488-83-2	30
5		2-Ethoxy-6-methyl-4-phenyl-quina...	264	C17H16N2O	1000318-42-5	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107122.D
Acq On : 5 Jul 2018 13:07
Operator : JU/SJ
Sample : J3853-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-5

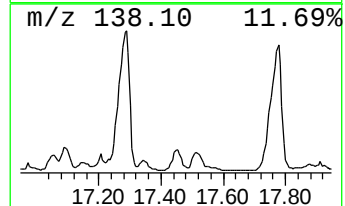
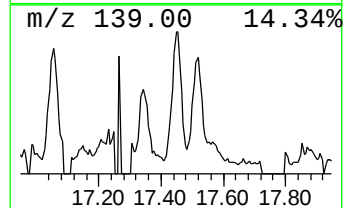
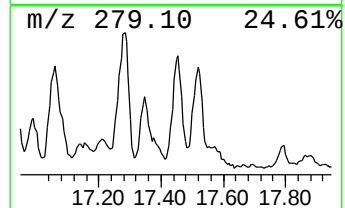
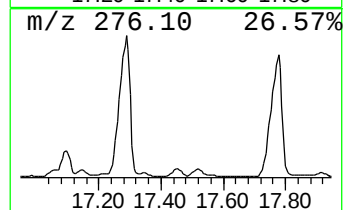
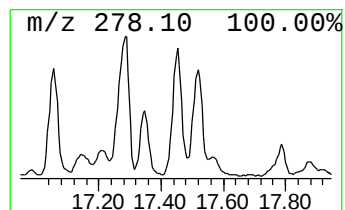
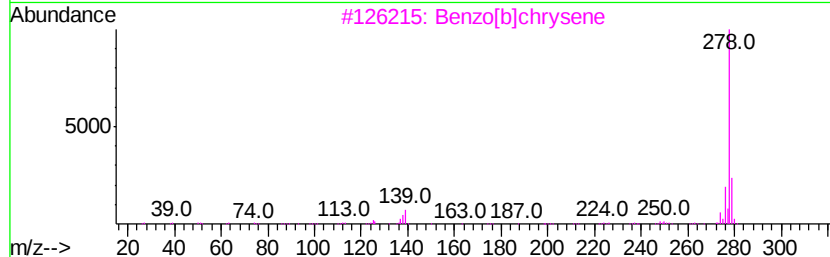
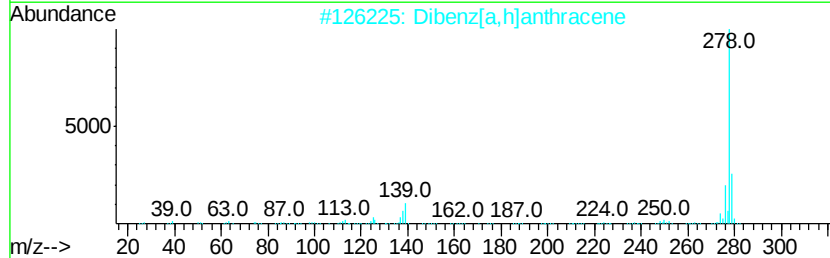
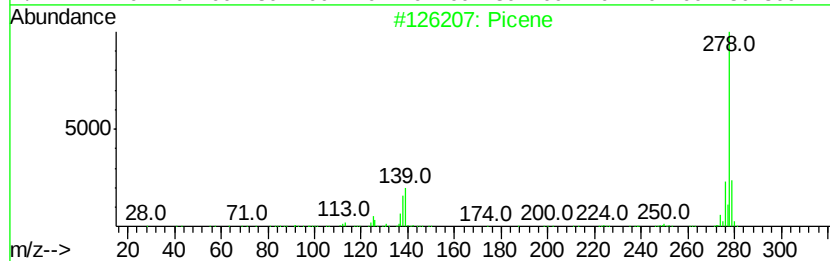
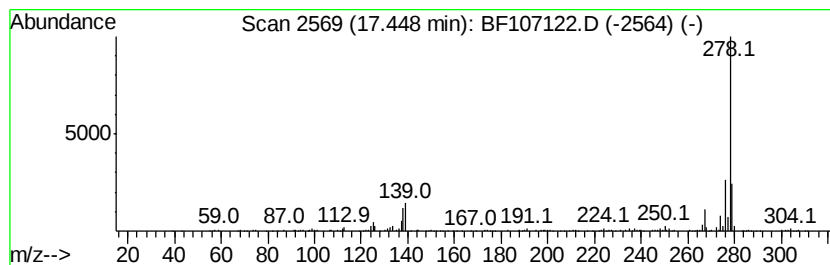
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Picene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	13.54 ng	326968	Perylene-d12	15.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Picene	278	C22H14	000213-46-7	98
2		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
3		Benzo[b]chrysene	278	C22H14	000214-17-5	93
4		Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	89
5		Pentacene	278	C22H14	000135-48-8	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070518\
 Data File : BF107122.D
 Acq On : 5 Jul 2018 13:07
 Operator : JU/SJ
 Sample : J3853-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.19	11.0	ng	207819	1	6.95	379224	20.0
2,4,7,9-Tetrameth...	9.41	8.4	ng	227292	3	9.99	542274	20.0
Phenanthrene, 2-m...	11.98	14.0	ng	413918	4	11.48	592620	20.0
4H-Cyclopenta[def...	12.10	30.9	ng	917087	4	11.48	592620	20.0
1H-Cyclopropa[l]p...	12.12	8.6	ng	253251	4	11.48	592620	20.0
Naphthalene, 2-ph...	12.28	10.2	ng	302045	4	11.48	592620	20.0
Phenanthrene, 2,5...	12.54	10.6	ng	314898	4	11.48	592620	20.0
unknown12.58	12.58	10.3	ng	303922	4	11.48	592620	20.0
Cyclopenta(def)ph...	12.64	8.9	ng	264696	4	11.48	592620	20.0
4,5-Dihydrobenzo[...	15.05	11.1	ng	267325	6	15.69	483025	20.0
Benzo[e]pyrene	15.34	24.1	ng	581524	6	15.69	483025	20.0
unknown15.49	15.49	11.0	ng	264622	6	15.69	483025	20.0
3,4-Dibromobenzal...	16.28	8.9	ng	214473	6	15.69	483025	20.0
Picene	17.45	13.5	ng	326968	6	15.69	483025	20.0