

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
 Data File : BF109289.D
 Acq On : 25 Sep 2018 16:52
 Operator : JU/SJ
 Sample : J4775-11 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-092418-B

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-BF092218.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	5.310	544	548	557	rBV	907627	807183	46.41%	2.900%
2	6.339	719	723	735	rBV	1072592	901331	51.82%	3.238%
3	6.475	742	746	749	rBV	1117864	889917	51.16%	3.197%
4	6.710	782	786	789	rBV	906691	720278	41.41%	2.588%
5	6.863	809	812	816	rBV	883050	702424	40.38%	2.523%
6	7.263	877	880	884	rBV	631562	539575	31.02%	1.938%
7	7.992	1000	1004	1006	rBV	1131752	936495	53.84%	3.364%
8	8.704	1119	1125	1128	rBV	76651	62856	3.61%	0.226%
9	8.798	1137	1141	1147	rVB	88856	77000	4.43%	0.277%
10	9.063	1183	1186	1190	rBV	1331281	1077169	61.93%	3.870%
11	9.327	1227	1231	1235	rBV	61484	79369	4.56%	0.285%
12	9.404	1240	1244	1246	rVV	119516	114247	6.57%	0.410%
13	9.427	1246	1248	1250	rVV	76854	59342	3.41%	0.213%
14	9.457	1250	1253	1259	rVV	287954	241531	13.89%	0.868%
15	9.516	1260	1263	1269	rVB	56754	64090	3.68%	0.230%
16	9.598	1274	1277	1281	rBV	164022	129110	7.42%	0.464%
17	9.739	1295	1301	1304	rBV2	1174769	1007724	57.93%	3.620%
18	9.769	1304	1306	1310	rVB	177438	158869	9.13%	0.571%
19	9.945	1332	1336	1340	rVV	166053	143131	8.23%	0.514%
20	9.986	1340	1343	1345	rVB	45935	39412	2.27%	0.142%
21	10.057	1351	1355	1358	rBV2	44843	51362	2.95%	0.185%
22	10.151	1366	1371	1372	rBV2	31525	38709	2.23%	0.139%
23	10.286	1391	1394	1400	rVB	383698	337535	19.40%	1.213%
24	10.351	1400	1405	1407	rBV	38712	53759	3.09%	0.193%
25	10.445	1418	1421	1427	rVB	72963	70945	4.08%	0.255%
26	10.522	1430	1434	1439	rVV	648207	577420	33.20%	2.074%
27	10.651	1453	1456	1459	rBV2	37934	41700	2.40%	0.150%
28	10.833	1479	1487	1489	rBV2	86400	112051	6.44%	0.403%
29	10.857	1489	1491	1494	rVV	54336	46470	2.67%	0.167%
30	10.916	1498	1501	1504	rVB2	44142	40805	2.35%	0.147%
31	10.963	1504	1509	1510	rBV2	33766	38030	2.19%	0.137%
32	11.069	1525	1527	1531	rBV	36064	41221	2.37%	0.148%
33	11.116	1531	1535	1537	rBV	120305	106123	6.10%	0.381%
34	11.216	1549	1552	1554	rBV	920256	860167	49.45%	3.090%

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.245	1554	1557	1560	rVV	1699410	1433761	82.43%	5.151%
36	11.292	1560	1565	1568	rVB	438091	349991	20.12%	1.257%
37	11.327	1568	1571	1575	rBV3	41419	47711	2.74%	0.171%
38	11.445	1586	1591	1594	rBV	87033	84722	4.87%	0.304%
39	11.545	1606	1608	1612	rVB2	55601	52030	2.99%	0.187%
40	11.627	1620	1622	1626	rVB	43875	45613	2.62%	0.164%
41	11.716	1634	1637	1640	rVV	221189	226484	13.02%	0.814%
42	11.745	1640	1642	1647	rVV	324237	282562	16.24%	1.015%
43	11.792	1647	1650	1653	rVV	115565	96387	5.54%	0.346%
44	11.827	1653	1656	1659	rVV	425580	455838	26.21%	1.638%
45	11.851	1659	1660	1665	rVB	181022	112453	6.46%	0.404%
46	11.916	1665	1671	1675	rBV4	32996	65268	3.75%	0.234%
47	12.010	1685	1687	1690	rBV	140204	134021	7.70%	0.481%
48	12.033	1690	1691	1695	rVB2	66446	53026	3.05%	0.190%
49	12.192	1716	1718	1720	rBV	52227	40681	2.34%	0.146%
50	12.216	1720	1722	1725	rVB2	49532	38566	2.22%	0.139%
51	12.268	1727	1731	1734	rBV	142325	142910	8.22%	0.513%
52	12.304	1734	1737	1739	rVV	96565	104819	6.03%	0.377%
53	12.321	1739	1740	1742	rVV	54938	37107	2.13%	0.133%
54	12.351	1742	1745	1750	rVB3	71813	93048	5.35%	0.334%
55	12.427	1754	1758	1761	rBV	1779003	1570548	90.29%	5.642%
56	12.474	1762	1766	1768	rVV	45379	51719	2.97%	0.186%
57	12.515	1771	1773	1776	rVV	55124	49233	2.83%	0.177%
58	12.574	1776	1783	1788	rVV3	72721	118492	6.81%	0.426%
59	12.657	1791	1797	1799	rVV	1482601	1533351	88.15%	5.508%
60	12.674	1799	1800	1802	rVV2	67039	49092	2.82%	0.176%
61	12.704	1802	1805	1810	rVB2	58429	95010	5.46%	0.341%
62	12.774	1813	1817	1818	rVV	83494	80661	4.64%	0.290%
63	12.798	1818	1821	1828	rVB	1015445	905537	52.06%	3.253%
64	12.874	1828	1834	1837	rBV2	127539	206624	11.88%	0.742%
65	12.933	1841	1844	1846	rVV4	32405	49183	2.83%	0.177%
66	12.957	1846	1848	1849	rVV	107952	96946	5.57%	0.348%
67	12.980	1849	1852	1855	rVB	314639	295276	16.98%	1.061%
68	13.045	1860	1863	1866	rBV	254986	210791	12.12%	0.757%
69	13.086	1866	1870	1872	rBV	175060	172637	9.92%	0.620%
70	13.174	1882	1885	1888	rVB	102153	85612	4.92%	0.308%
71	13.204	1888	1890	1893	rBV	108901	99967	5.75%	0.359%

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72	13.357	1913	1916	1918	rBV3	33899	43695	2.51%	0.157%
73	13.386	1918	1921	1923	rVV	46947	51499	2.96%	0.185%
74	13.486	1931	1938	1943	rBV2	74278	151507	8.71%	0.544%
75	13.592	1952	1956	1959	rBV3	140381	188471	10.84%	0.677%
76	13.621	1959	1961	1963	rVV	130884	120264	6.91%	0.432%
77	13.645	1963	1965	1969	rVV2	108967	140969	8.10%	0.506%
78	13.692	1971	1973	1975	rVV	66353	58438	3.36%	0.210%
79	13.715	1975	1977	1983	rVB4	41524	72632	4.18%	0.261%
80	13.845	1992	1999	2002	rBV2	1178794	1739430	100.00%	6.249%
81	13.874	2002	2004	2009	rVB	644935	550270	31.64%	1.977%
82	13.951	2012	2017	2020	rBV2	128550	160340	9.22%	0.576%
83	13.986	2020	2023	2025	rVV	61020	61996	3.56%	0.223%
84	14.033	2028	2031	2033	rVB3	58245	58299	3.35%	0.209%
85	14.068	2033	2037	2041	rBV2	58240	87819	5.05%	0.315%
86	14.198	2056	2059	2061	rBV	50353	54445	3.13%	0.196%
87	14.233	2062	2065	2067	rVV	143300	143163	8.23%	0.514%
88	14.262	2068	2070	2074	rVV	84566	77753	4.47%	0.279%
89	14.327	2078	2081	2083	rVV3	98623	106311	6.11%	0.382%
90	14.357	2083	2086	2087	rVV	91140	92980	5.35%	0.334%
91	14.374	2087	2089	2092	rVB2	102487	92418	5.31%	0.332%
92	14.857	2166	2171	2174	rBV	497207	755642	43.44%	2.715%
93	14.951	2185	2187	2191	rVB2	112513	125445	7.21%	0.451%
94	15.133	2215	2218	2224	rVB	258053	316490	18.20%	1.137%
95	15.192	2224	2228	2234	rBV	414948	454376	26.12%	1.632%
96	15.251	2234	2238	2241	rVV	527181	613269	35.26%	2.203%
97	15.280	2241	2243	2250	rVB3	118781	190618	10.96%	0.685%
98	15.698	2311	2314	2318	rBV3	69940	91374	5.25%	0.328%
99	16.598	2462	2467	2476	rVB2	151067	295439	16.98%	1.061%
100	17.003	2532	2536	2547	rVB	104121	206120	11.85%	0.740%

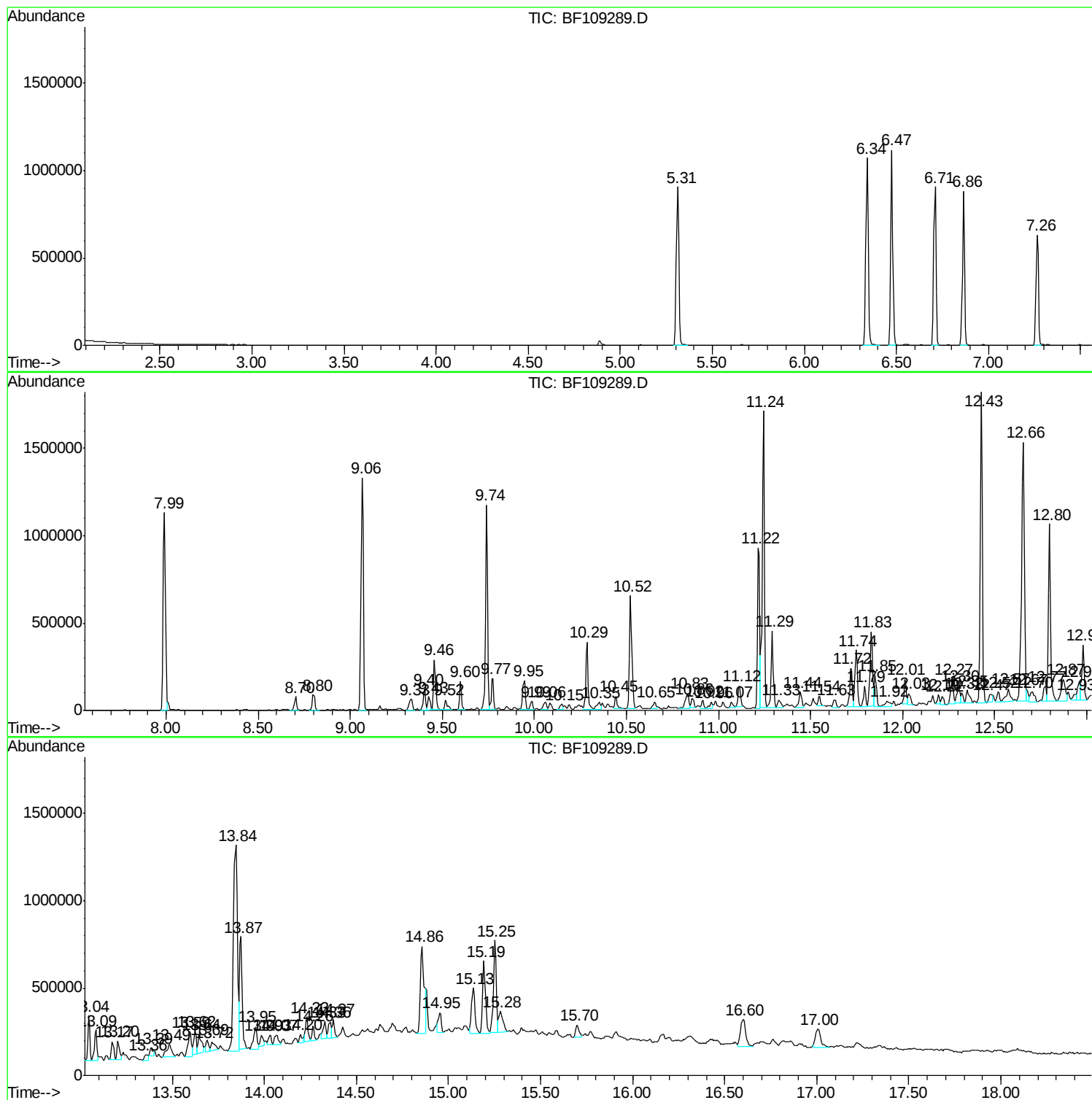
Sum of corrected areas: 27836499

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Instrument :
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ClientSampleId :
OR-01-092418-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.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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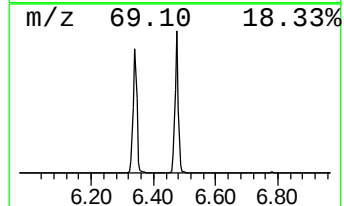
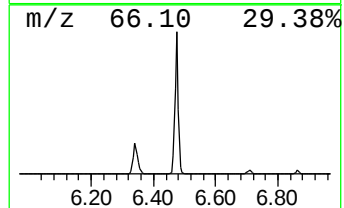
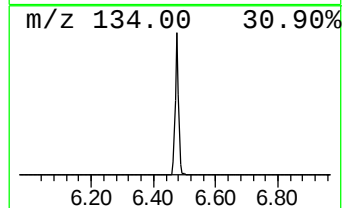
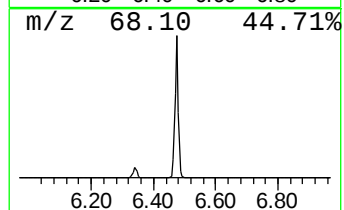
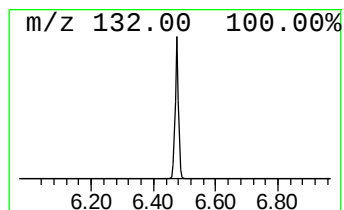
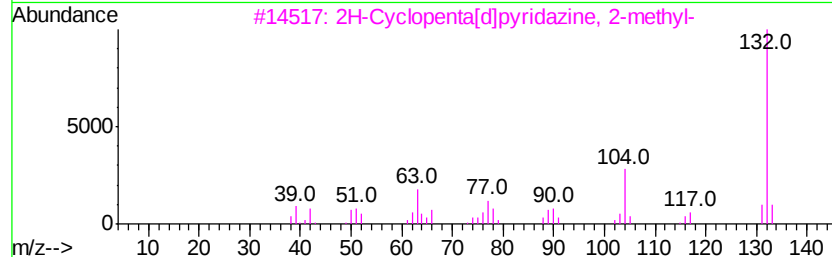
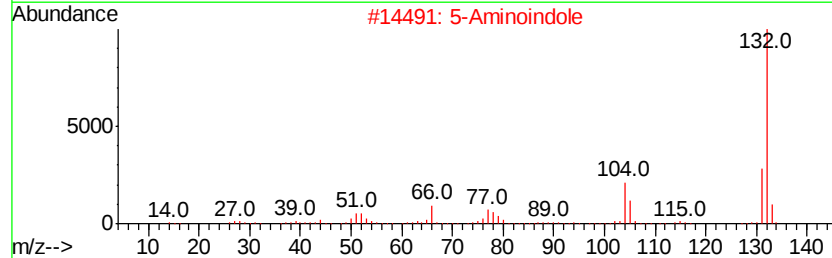
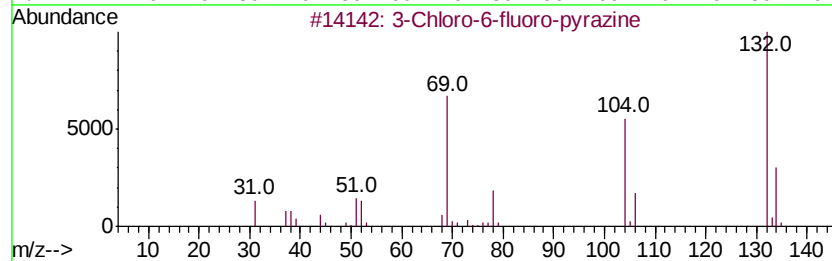
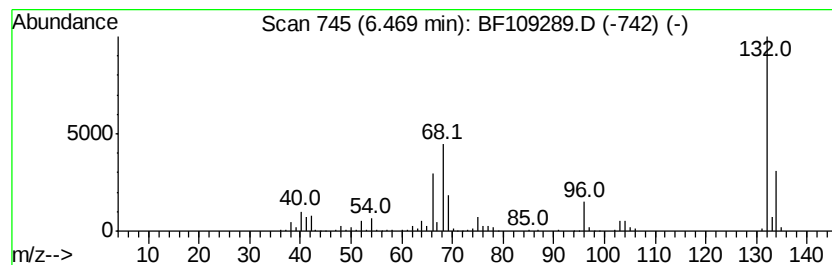
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	24.71 ng	889917	1,4-Dichlorobenzene-d4	6.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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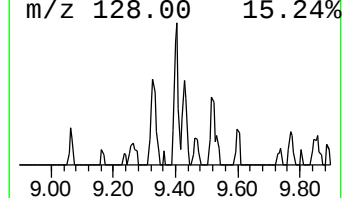
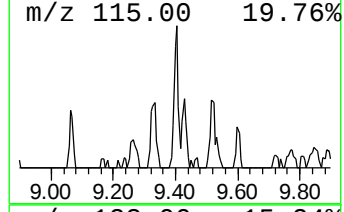
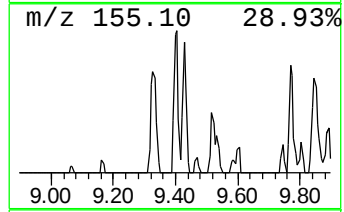
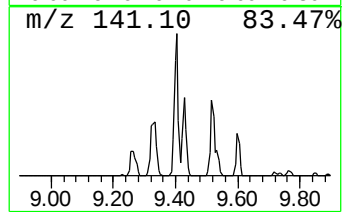
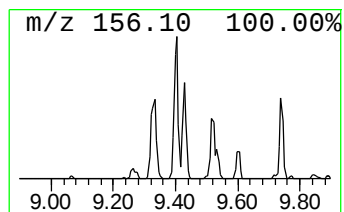
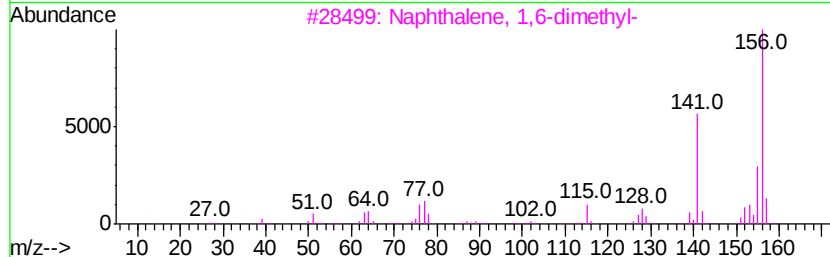
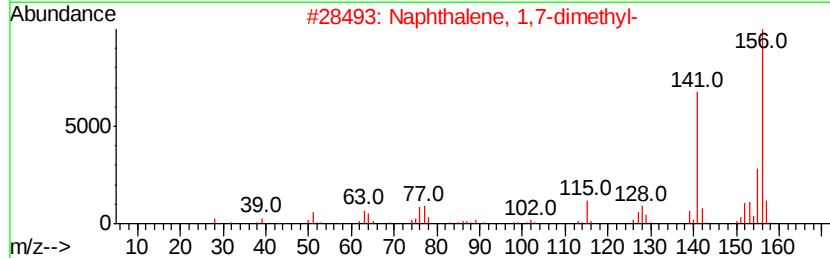
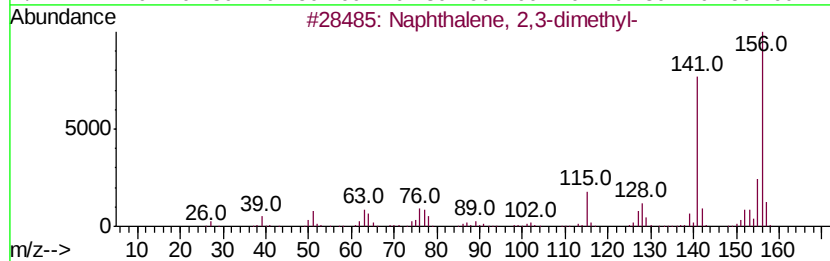
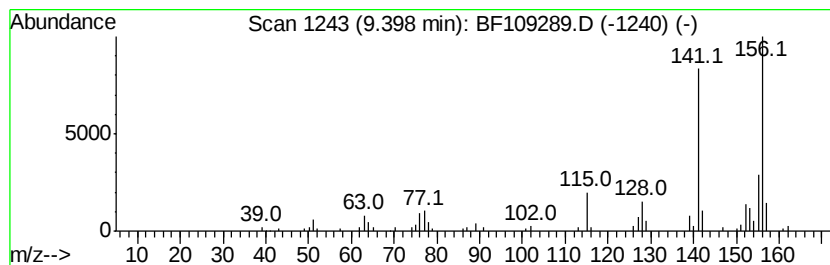
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	2.27 ng	114247	Acenaphthene-d10	9.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



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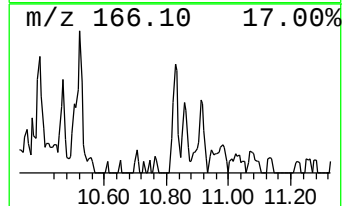
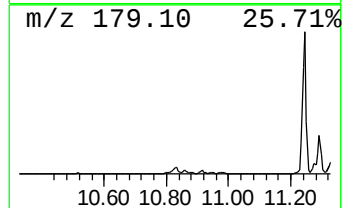
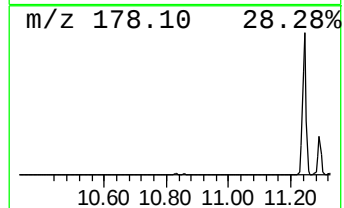
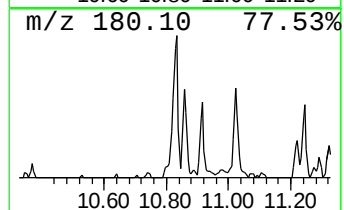
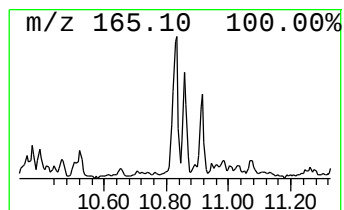
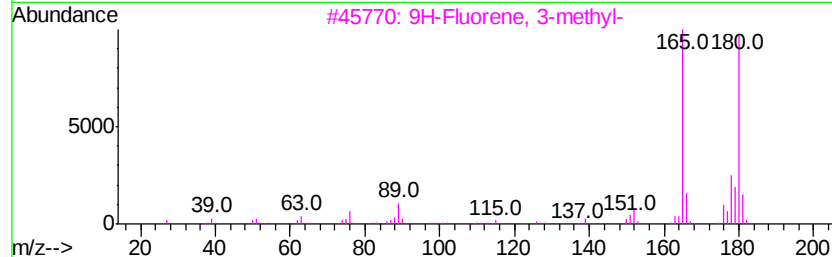
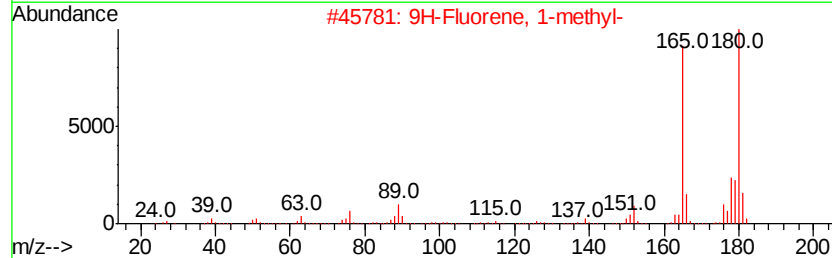
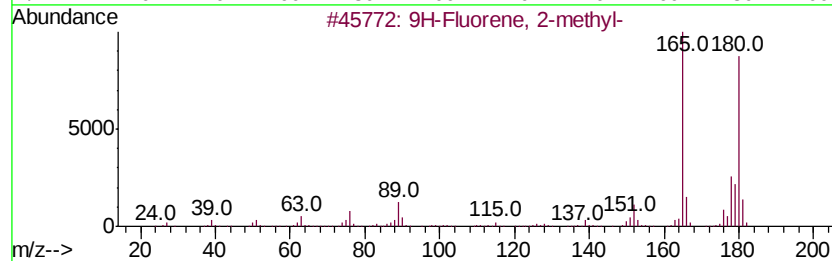
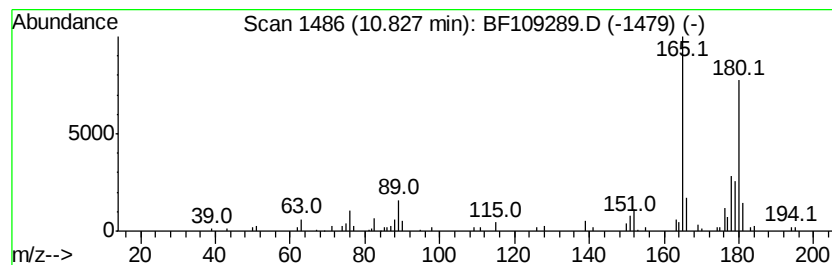
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 9H-Fluorene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	2.61 ng	112051	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93
5		9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	91



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Data File : BF109289.D
Acq On : 25 Sep 2018 16:52
Operator : JU/SJ
Sample : J4775-11 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

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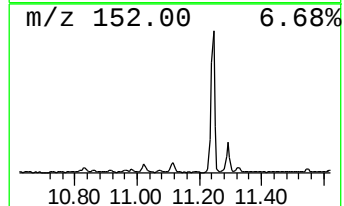
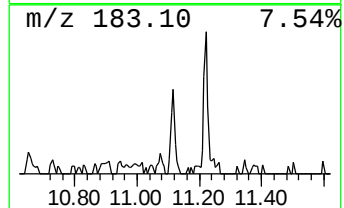
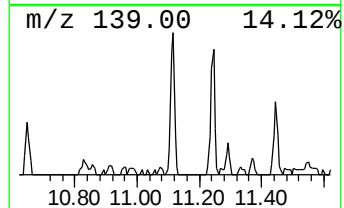
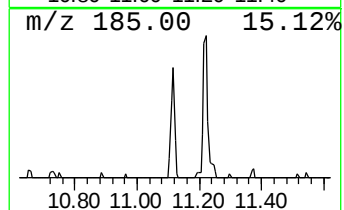
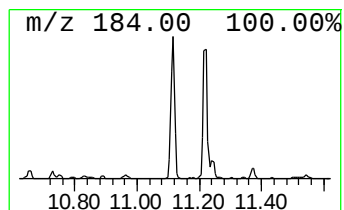
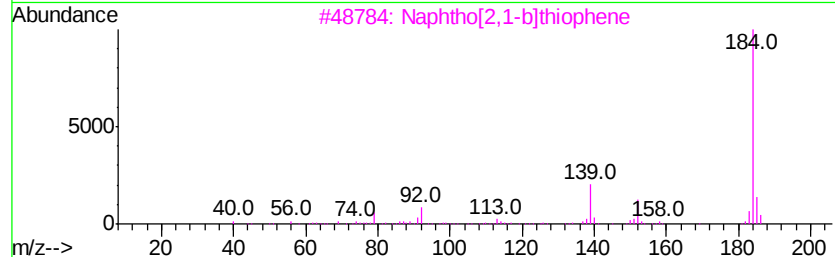
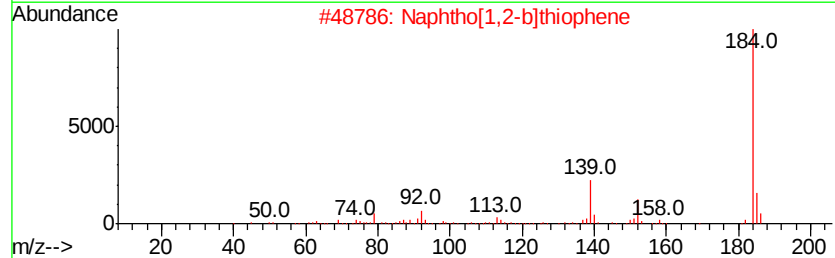
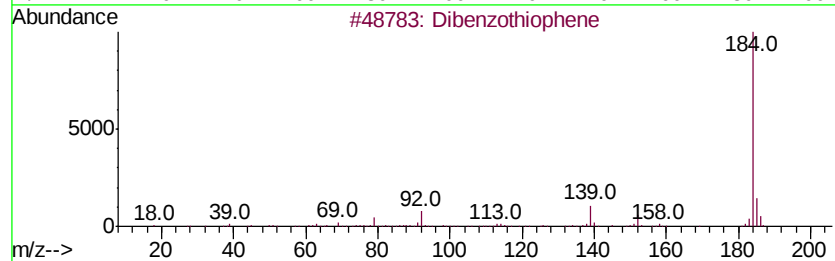
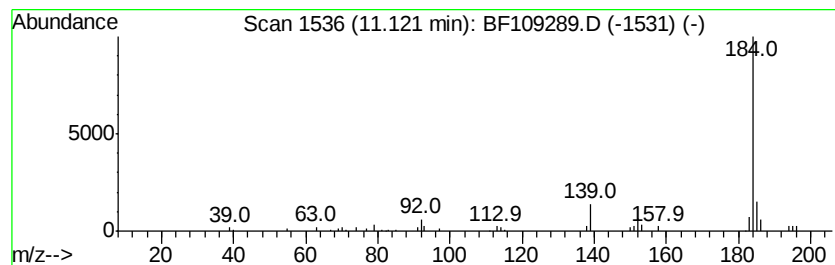
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	2.47 ng	106123	Phenanthrene-d10	11.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenzothiophene	184	C12H8S	000132-65-0	95
2		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
3		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
4		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	91
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90



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Sample : J4775-11 2X
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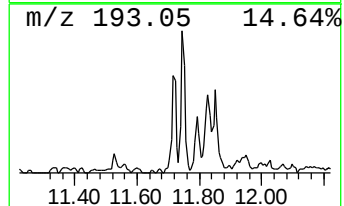
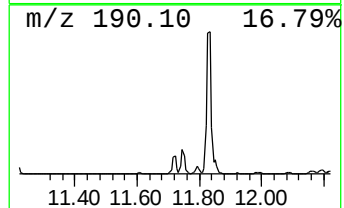
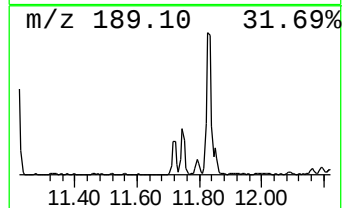
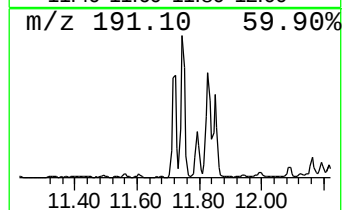
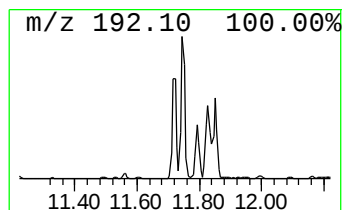
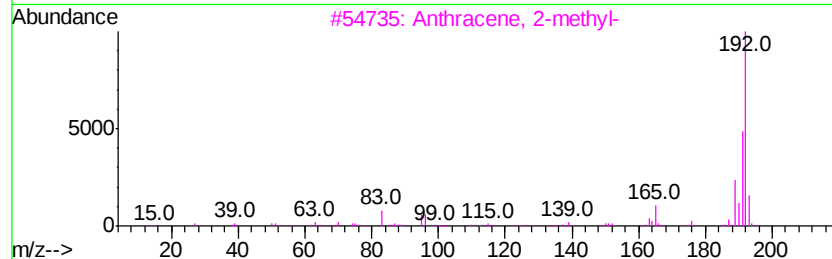
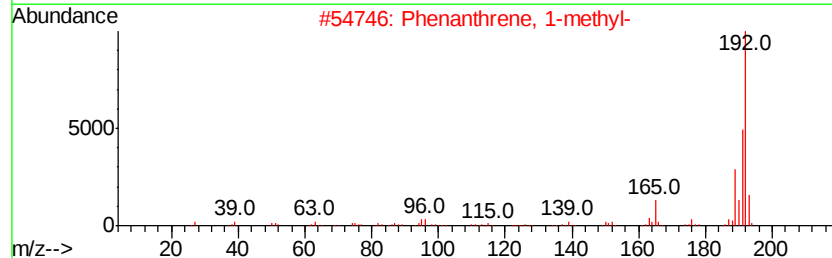
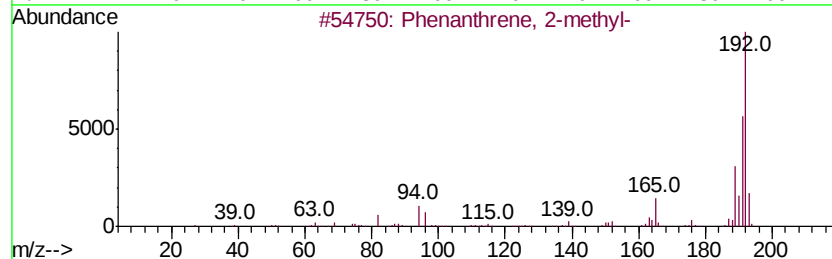
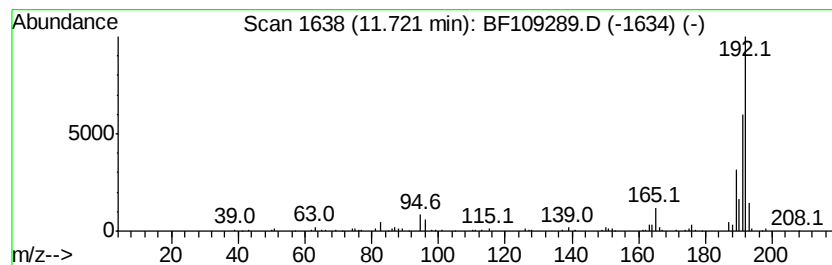
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	5.27 ng	226484	Phenanthrene-d10	11.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109289.D
Acq On : 25 Sep 2018 16:52
Operator : JU/SJ
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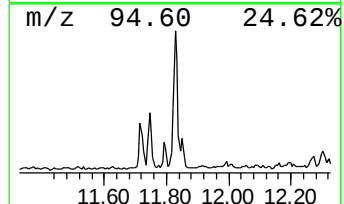
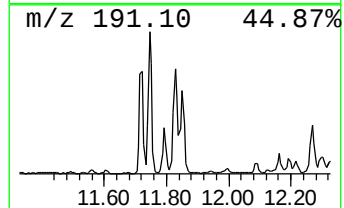
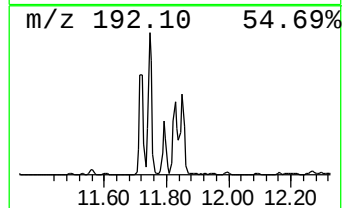
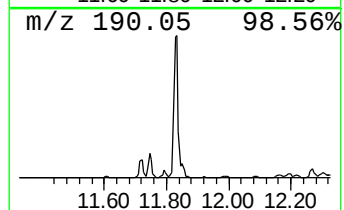
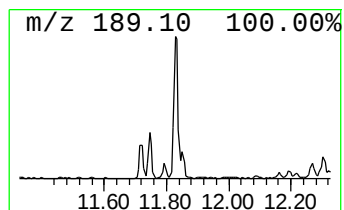
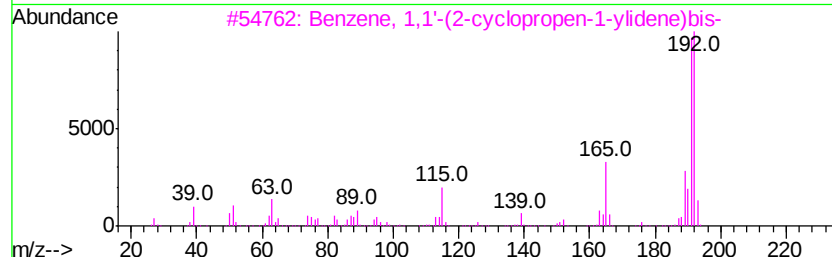
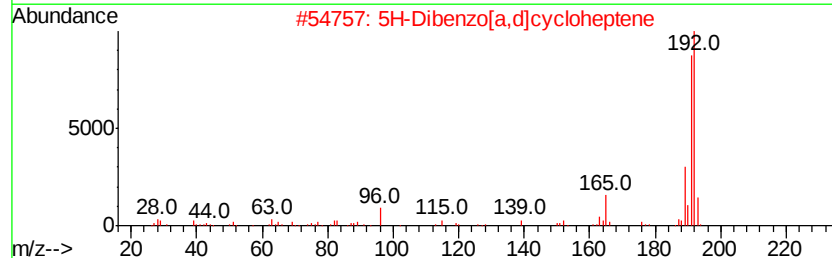
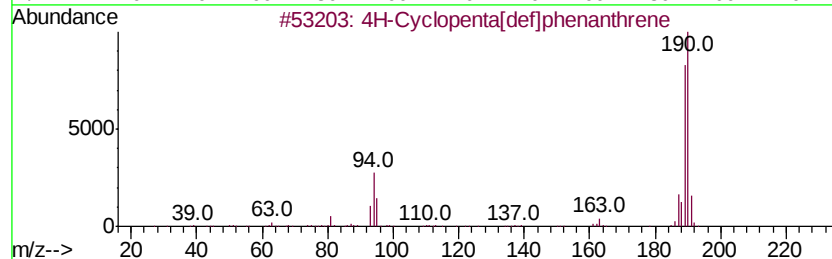
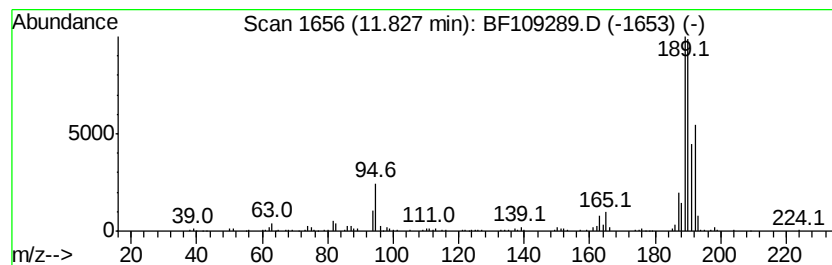
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.83	10.60 ng	455838	Phenanthrene-d10	11.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
3	Benzene, 1,1'-(2-cyclopropen-1-ylidene)bis-	192	C15H12	022825-21-4	22
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	18
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
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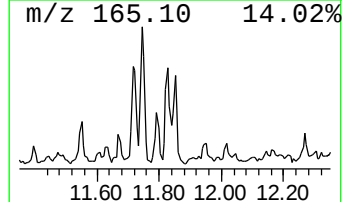
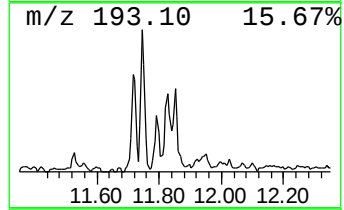
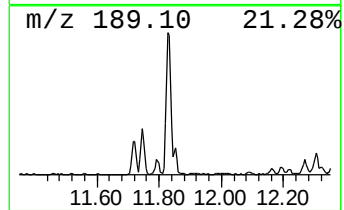
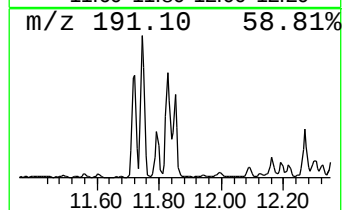
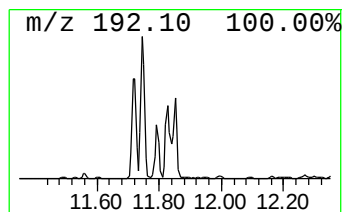
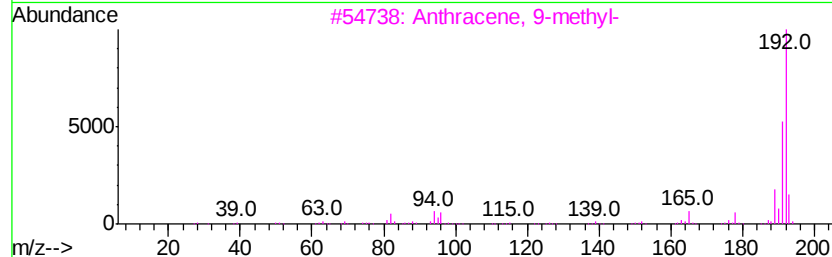
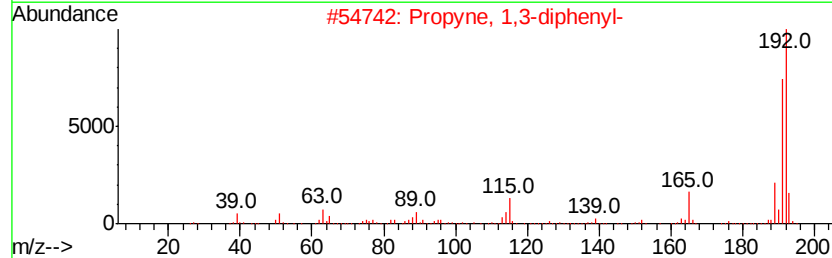
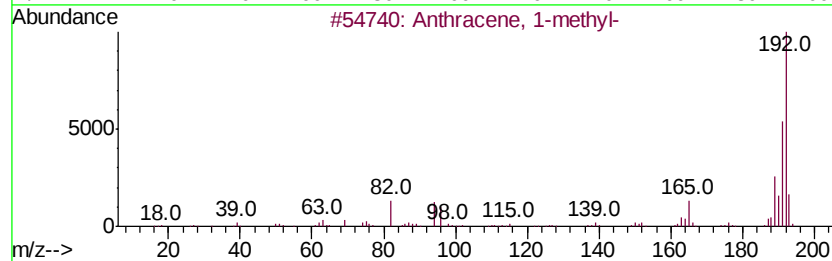
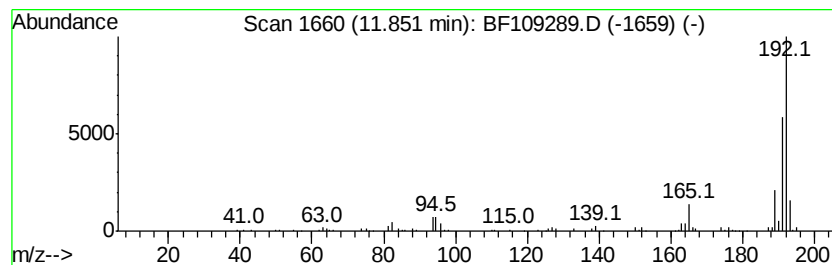
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Anthracene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.85	2.61 ng	112453	Phenanthrene-d10		11.22
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
2	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	81
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109289.D
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ALS Vial : 9 Sample Multiplier: 1

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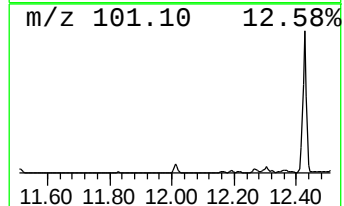
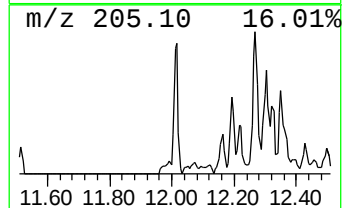
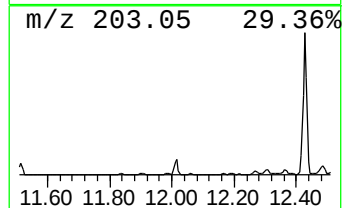
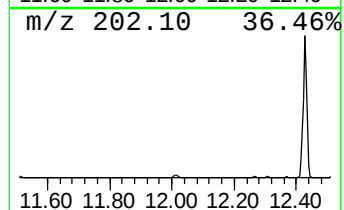
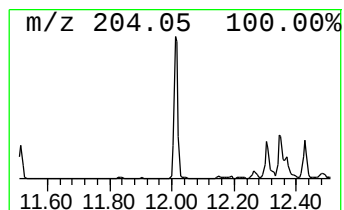
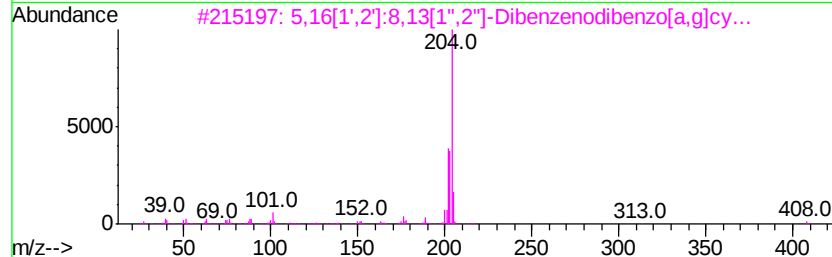
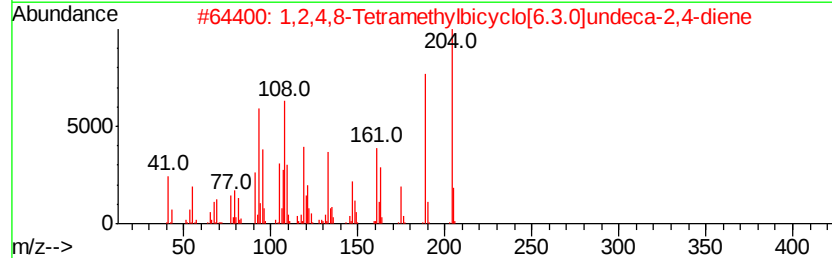
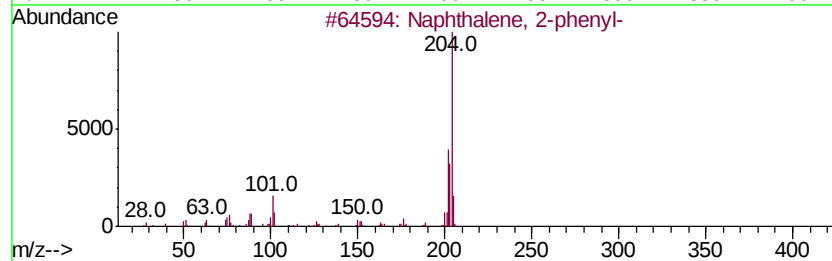
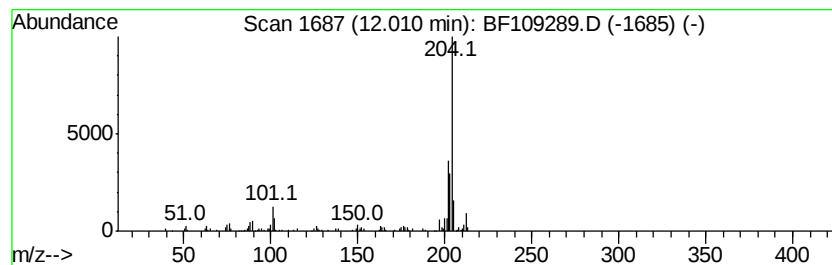
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	3.12 ng	134021	Phenanthrene-d10	11.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	89
3		5,16[1',2']8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
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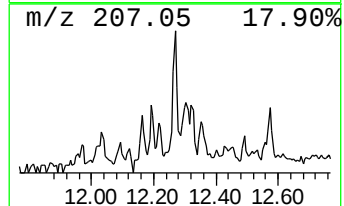
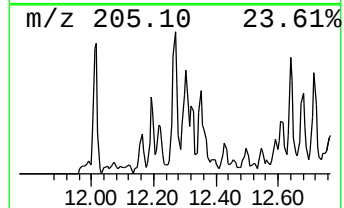
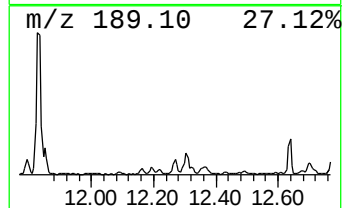
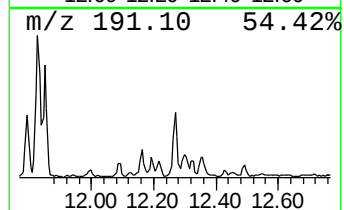
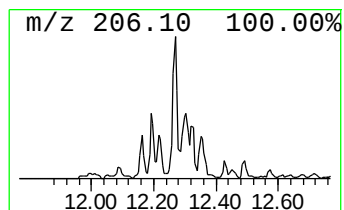
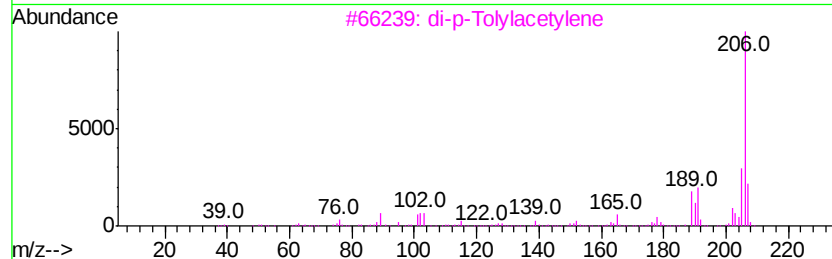
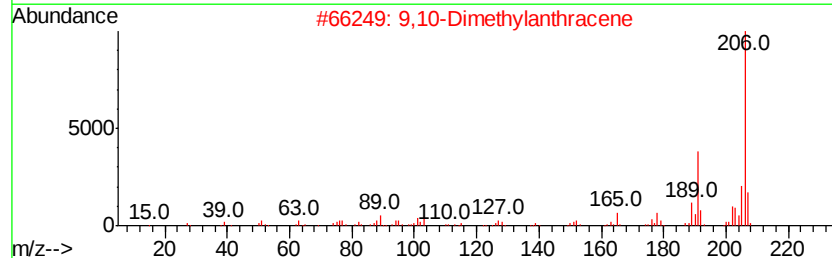
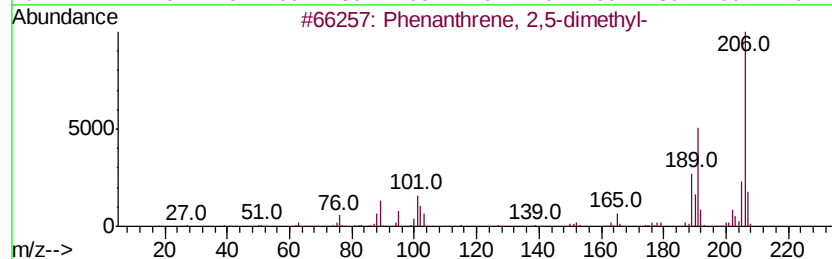
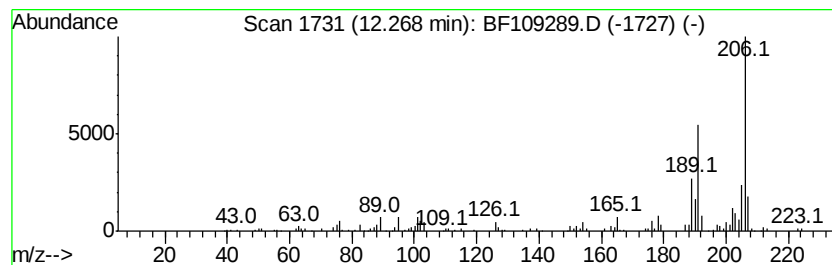
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.27	3.32 ng	142910	Phenanthrene-d10	11.22	
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	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
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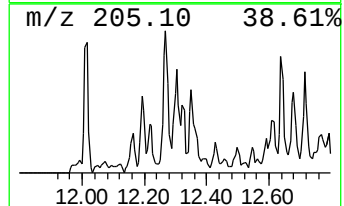
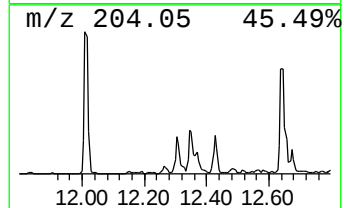
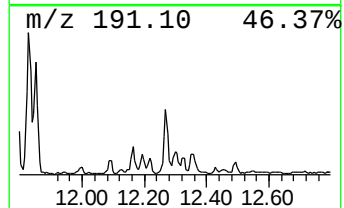
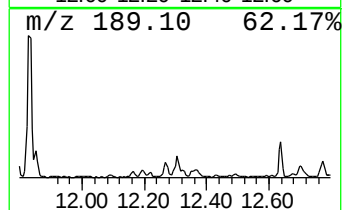
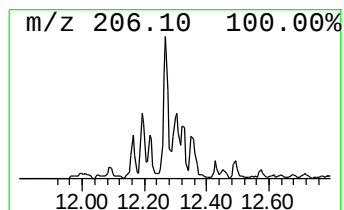
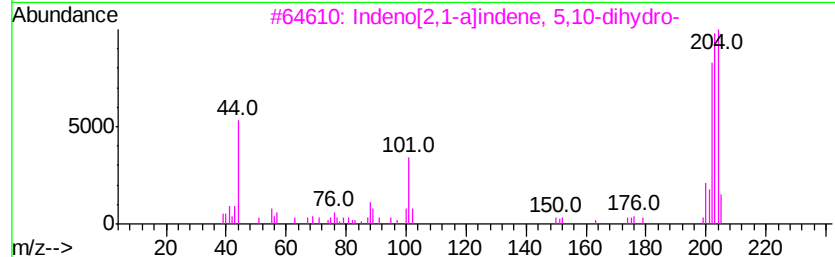
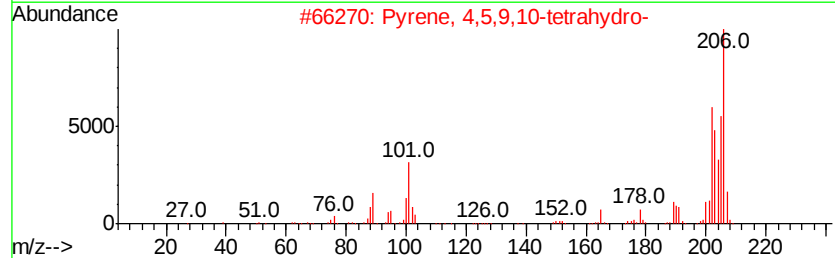
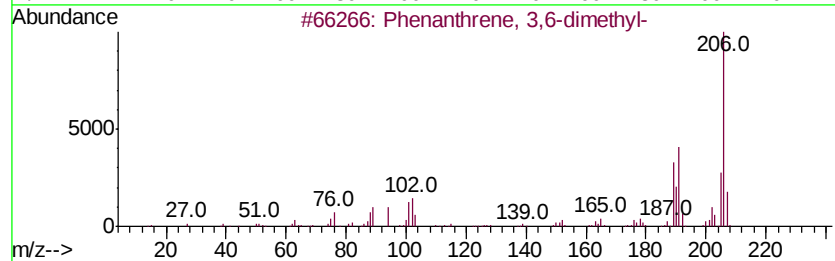
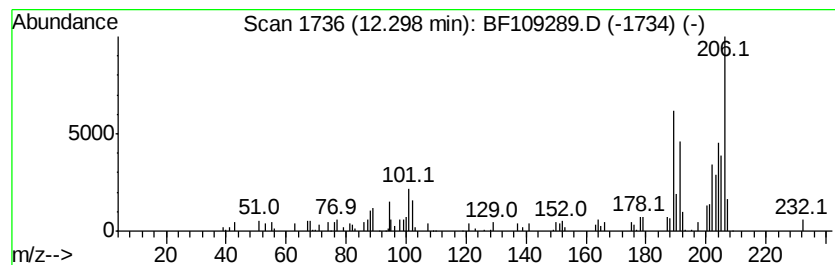
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ClientSampleId :
OR-01-092418-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.30	2.44 ng	104819	Phenanthrene-d10	11.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	59
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	46
3	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	44
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	41
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109289.D
Acq On : 25 Sep 2018 16:52
Operator : JU/SJ
Sample : J4775-11 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

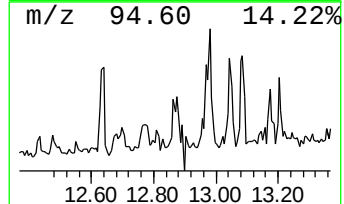
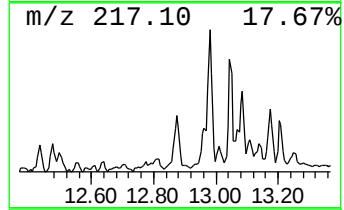
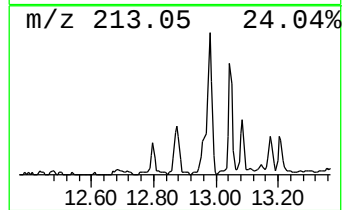
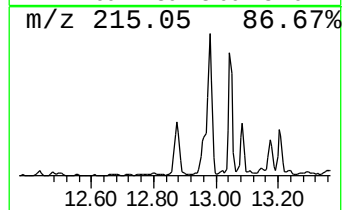
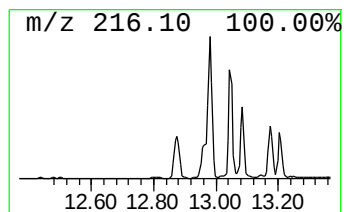
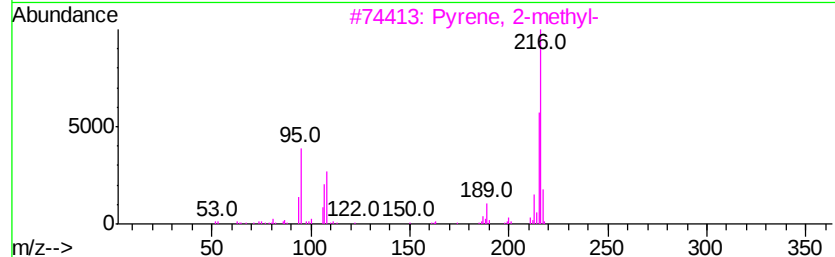
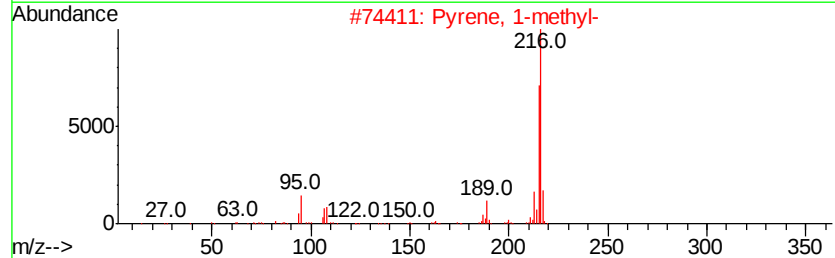
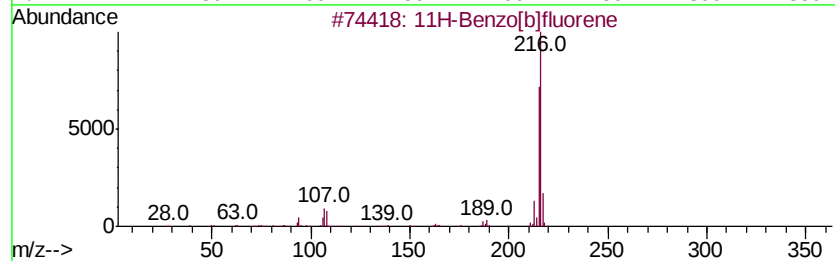
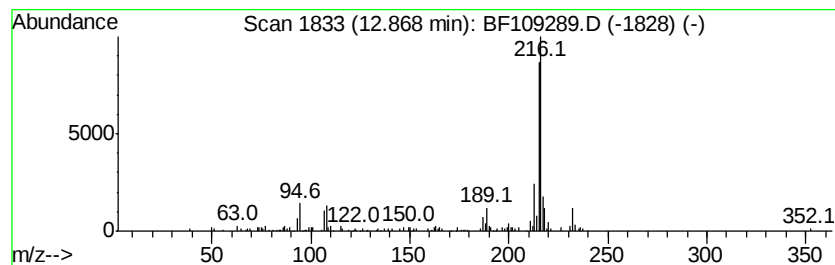
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ClientSampleId :
OR-01-092418-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	2.38 ng	206624	Chrysene-d12	13.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 91
2		Pyrene, 1-methyl-	216 C17H12	002381-21-7 91
3		Pyrene, 2-methyl-	216 C17H12	003442-78-2 86
4		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 76
5		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109289.D
Acq On : 25 Sep 2018 16:52
Operator : JU/SJ
Sample : J4775-11 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-092418-B

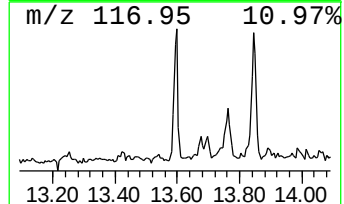
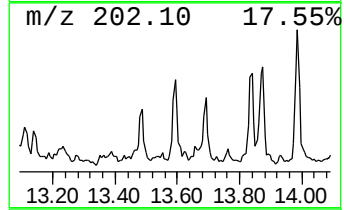
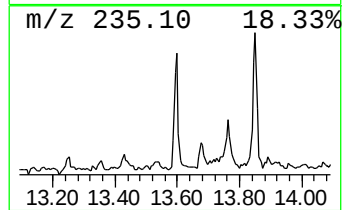
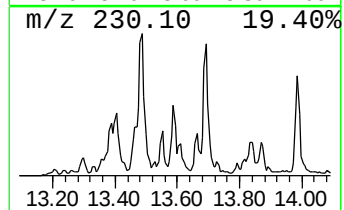
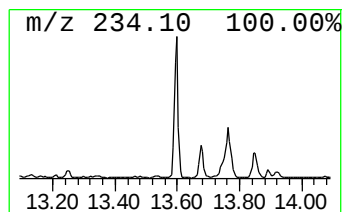
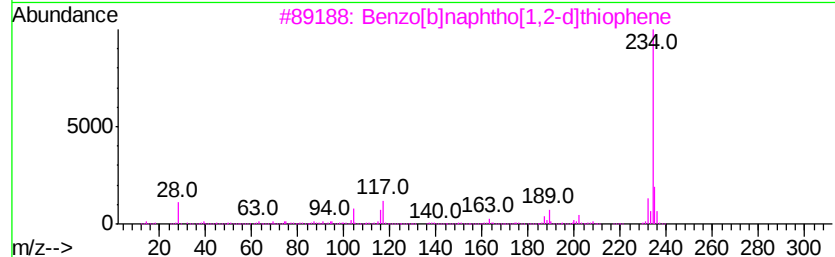
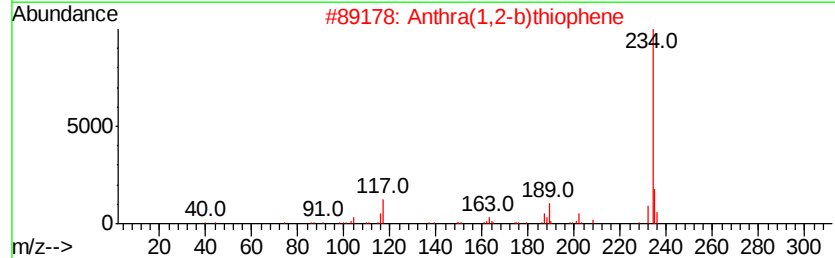
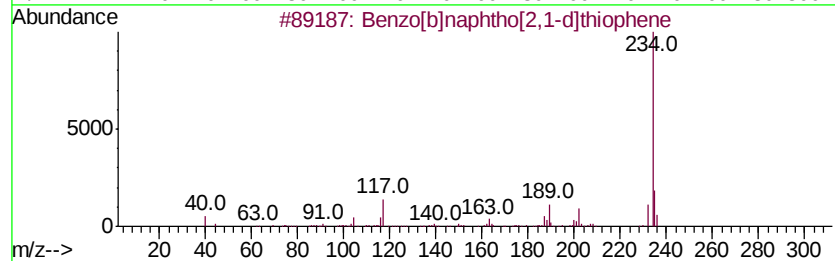
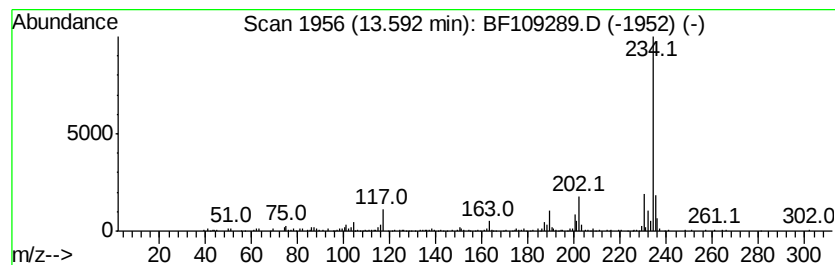
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	2.17 ng	188471	Chrysene-d12	13.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2		Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	90
3		Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	89
4		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	76
5		Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109289.D
Acq On : 25 Sep 2018 16:52
Operator : JU/SJ
Sample : J4775-11 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

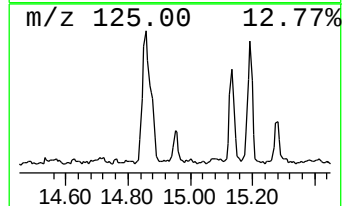
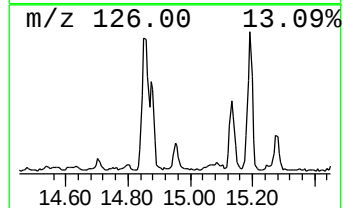
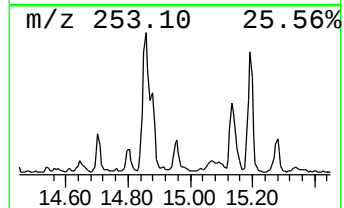
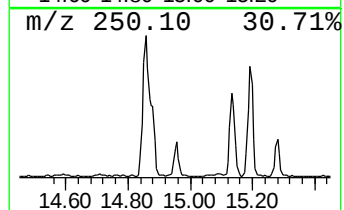
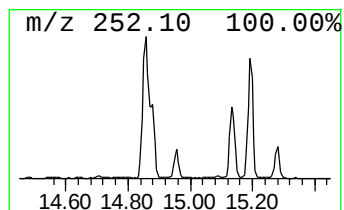
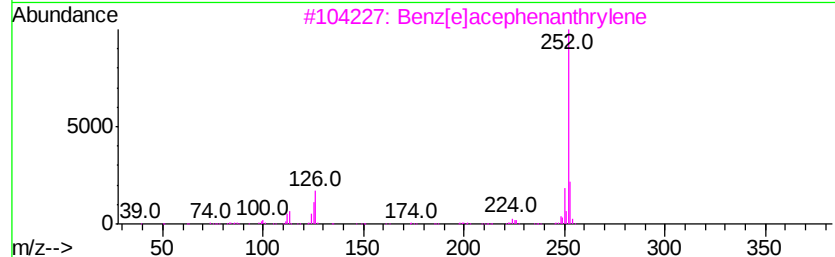
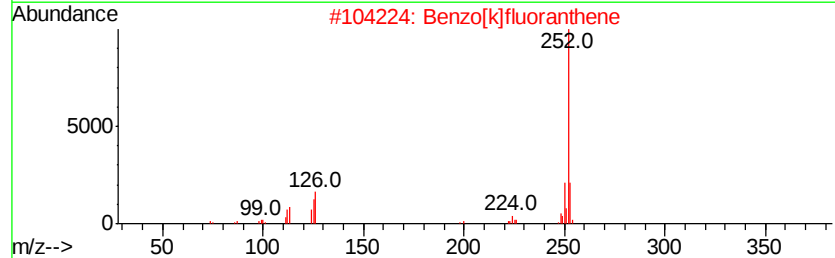
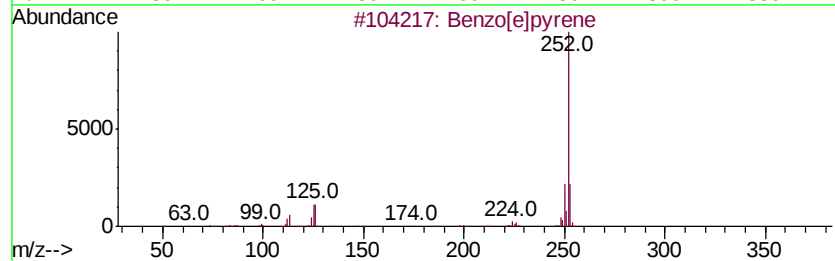
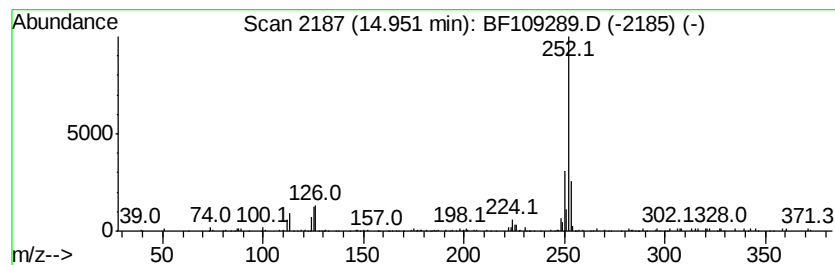
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ClientSampleId :
OR-01-092418-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.95	4.09 ng	125445	Perylene-d12	15.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109289.D
Acq On : 25 Sep 2018 16:52
Operator : JU/SJ
Sample : J4775-11 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-01-092418-B

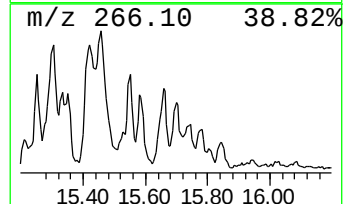
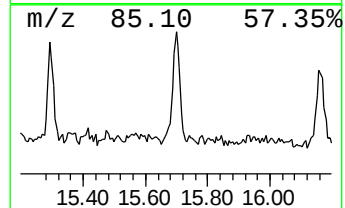
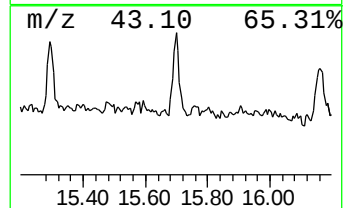
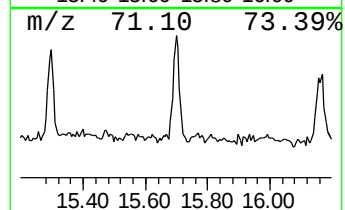
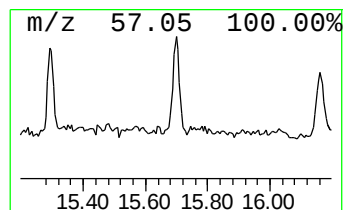
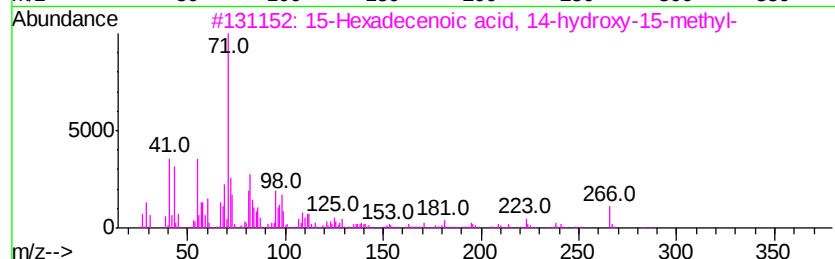
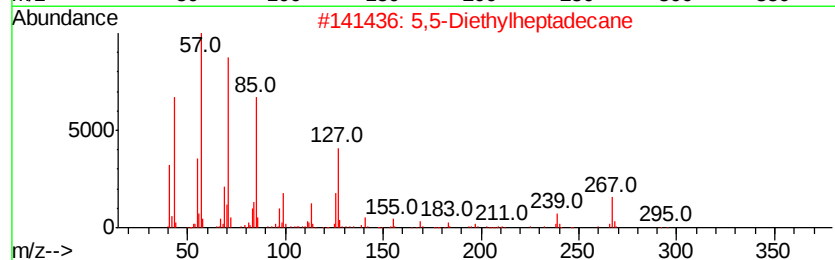
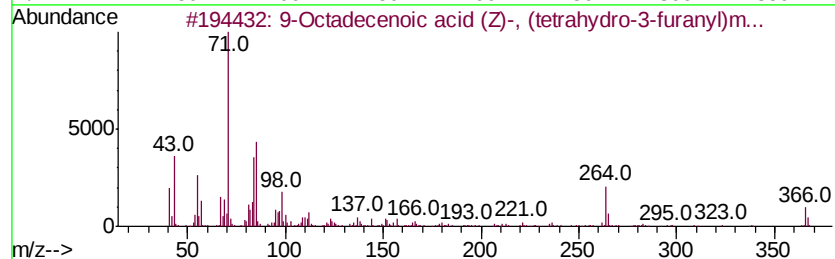
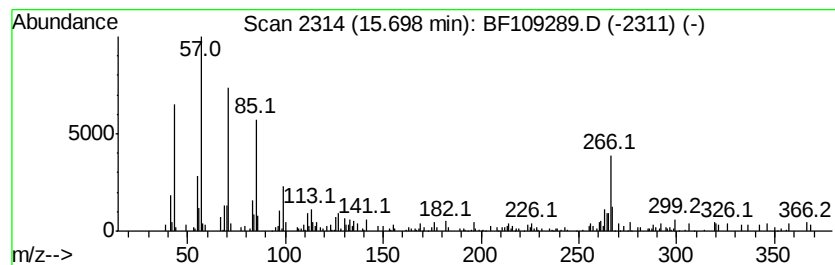
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown15.70 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	2.98 ng	91374	Perylene-d12	15.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, (tetra...	366	C23H42O3	000150-81-2	38
2		5,5-Diethylheptadecane	296	C21H44	1000360-41-7	37
3		15-Hexadecenoic acid, 14-hydroxv...	284	C17H32O3	089328-43-8	32
4		Decyl disulfide	346	C20H42S2	010496-18-1	23
5		5-Methyldocosane	324	C23H48	025163-52-4	17



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092518\
 Data File : BF109289.D
 Acq On : 25 Sep 2018 16:52
 Operator : JU/SJ
 Sample : J4775-11 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-092418-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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
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Naphthalene, 2,3-...	9.40	2.3	ng	114247	3	9.74	1007720	20.0
9H-Fluorene, 2-me...	10.83	2.6	ng	112051	4	11.22	860167	20.0
Dibenzothiophene	11.12	2.5	ng	106123	4	11.22	860167	20.0
Phenanthrene, 2-m...	11.72	5.3	ng	226484	4	11.22	860167	20.0
4H-Cyclopenta[def...	11.83	10.6	ng	455838	4	11.22	860167	20.0
Anthracene, 1-met...	11.85	2.6	ng	112453	4	11.22	860167	20.0
Naphthalene, 2-ph...	12.01	3.1	ng	134021	4	11.22	860167	20.0
Phenanthrene, 2,5...	12.27	3.3	ng	142910	4	11.22	860167	20.0
Phenanthrene, 3,6...	12.30	2.4	ng	104819	4	11.22	860167	20.0
11H-Benzo[b]fluorene	12.87	2.4	ng	206624	5	13.84	1739430	20.0
Benzo[b]naphtho[2...	13.59	2.2	ng	188471	5	13.84	1739430	20.0
Benzo[e]pyrene	14.95	4.1	ng	125445	6	15.25	613269	20.0
unknown15.70	15.70	3.0	ng	91374	6	15.25	613269	20.0