

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
 Data File : BF101239.D
 Acq On : 8 Dec 2017 16:51
 Operator : SJ/JU
 Sample : I6676-03 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-120617

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-BF113017.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	5.434	566	569	578	rBV	104827	104732	16.16%	1.098%
2	6.451	739	742	754	rVB	111803	112775	17.40%	1.182%
3	6.592	763	766	772	rBB	138309	120837	18.64%	1.267%
4	6.822	802	805	809	rBV	339257	267018	41.19%	2.799%
5	6.975	828	831	839	rBB	107579	90165	13.91%	0.945%
6	7.386	898	901	911	rBB	72632	67942	10.48%	0.712%
7	8.104	1020	1023	1026	rBV	455906	357190	55.10%	3.744%
8	8.816	1141	1144	1148	rBB	22412	17666	2.73%	0.185%
9	8.916	1158	1161	1165	rBB	29234	22479	3.47%	0.236%
10	9.175	1202	1205	1209	rVB	164705	133482	20.59%	1.399%
11	9.445	1247	1251	1255	rBV3	13865	17541	2.71%	0.184%
12	9.516	1260	1263	1266	rVV	33074	31865	4.92%	0.334%
13	9.574	1270	1273	1279	rVB2	12839	15998	2.47%	0.168%
14	9.633	1279	1283	1289	rBB	16672	18385	2.84%	0.193%
15	9.722	1295	1298	1302	rBV	44254	35750	5.52%	0.375%
16	9.863	1318	1322	1325	rVV	443330	367663	56.72%	3.854%
17	9.892	1325	1327	1331	rVB	63351	46221	7.13%	0.485%
18	10.063	1350	1356	1360	rBV	45329	42538	6.56%	0.446%
19	10.104	1360	1363	1366	rVB	19909	16618	2.56%	0.174%
20	10.174	1372	1375	1378	rBV2	19267	19695	3.04%	0.206%
21	10.263	1386	1390	1392	rBV	12196	15629	2.41%	0.164%
22	10.410	1412	1415	1421	rVB	113755	96551	14.89%	1.012%
23	10.569	1439	1442	1445	rVB	19910	18199	2.81%	0.191%
24	10.651	1452	1456	1460	rVB	106972	96802	14.93%	1.015%
25	10.769	1470	1476	1481	rBV5	14270	25920	4.00%	0.272%
26	10.957	1502	1508	1511	rBV4	36094	46179	7.12%	0.484%
27	10.986	1511	1513	1516	rVV2	25587	19598	3.02%	0.205%
28	11.039	1519	1522	1525	rVB2	20048	16059	2.48%	0.168%
29	11.080	1525	1529	1531	rBV3	14829	19555	3.02%	0.205%
30	11.157	1540	1542	1546	rVV	38221	36458	5.62%	0.382%
31	11.198	1546	1549	1552	rVV3	21504	23821	3.67%	0.250%
32	11.245	1552	1557	1562	rVB	67420	64891	10.01%	0.680%
33	11.351	1571	1575	1577	rBV	406054	365728	56.42%	3.834%
34	11.374	1577	1579	1583	rVV	718883	609968	94.10%	6.394%

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35	11.427	1583	1588	1591	rVV	164548	140377	21.66%	1.472%
36	11.463	1591	1594	1599	rVV2	23165	26906	4.15%	0.282%
37	11.580	1610	1614	1619	rBV2	68127	71506	11.03%	0.750%
38	11.680	1628	1631	1636	rVB2	45107	45880	7.08%	0.481%
39	11.763	1642	1645	1650	rVB	30964	33292	5.14%	0.349%
40	11.851	1655	1660	1663	rBV	153810	144122	22.23%	1.511%
41	11.880	1663	1665	1669	rVB	196897	151995	23.45%	1.593%
42	11.927	1669	1673	1676	rBV	59343	51977	8.02%	0.545%
43	11.963	1676	1679	1682	rVV2	169804	194927	30.07%	2.043%
44	11.986	1682	1683	1688	rVB	99584	59310	9.15%	0.622%
45	12.033	1688	1691	1693	rBV3	15415	15873	2.45%	0.166%
46	12.086	1697	1700	1702	rBV2	19995	15885	2.45%	0.167%
47	12.145	1707	1710	1713	rBV	77935	66376	10.24%	0.696%
48	12.180	1713	1716	1720	rVB	64543	58854	9.08%	0.617%
49	12.298	1733	1736	1738	rVB	27527	21513	3.32%	0.226%
50	12.327	1738	1741	1743	rVB	52424	38511	5.94%	0.404%
51	12.351	1743	1745	1748	rVB2	46544	38592	5.95%	0.405%
52	12.404	1748	1754	1756	rBV	114183	126873	19.57%	1.330%
53	12.439	1756	1760	1762	rBV3	44450	50000	7.71%	0.524%
54	12.457	1762	1763	1766	rVB	32535	22653	3.49%	0.237%
55	12.492	1766	1769	1773	rBV3	55857	73193	11.29%	0.767%
56	12.521	1773	1774	1778	rVB4	18776	19571	3.02%	0.205%
57	12.568	1778	1782	1785	rBV	643956	550907	84.99%	5.775%
58	12.610	1786	1789	1791	rBV	25107	25307	3.90%	0.265%
59	12.627	1791	1792	1796	rVB	29396	18859	2.91%	0.198%
60	12.663	1796	1798	1800	rBV	20624	17267	2.66%	0.181%
61	12.721	1803	1808	1810	rBV2	31678	36853	5.69%	0.386%
62	12.745	1810	1812	1814	rVB2	21071	17635	2.72%	0.185%
63	12.798	1814	1821	1827	rBV	598025	648211	100.00%	6.795%
64	12.851	1827	1830	1833	rVB2	50625	54593	8.42%	0.572%
65	12.933	1836	1844	1846	rBV2	139931	158670	24.48%	1.663%
66	12.957	1846	1848	1853	rVB2	43383	43560	6.72%	0.457%
67	13.010	1853	1857	1862	rBV4	58115	108331	16.71%	1.136%
68	13.121	1869	1876	1879	rVB2	111705	175337	27.05%	1.838%
69	13.168	1879	1884	1885	rBV4	18656	23107	3.56%	0.242%
70	13.192	1885	1888	1890	rVB	64552	49639	7.66%	0.520%
71	13.227	1890	1894	1898	rBV2	91857	98883	15.25%	1.037%

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72	13.321	1907	1910	1912	rBV	65214	51266	7.91%	0.537%
73	13.351	1912	1915	1918	rBV	55729	52212	8.05%	0.547%
74	13.439	1926	1930	1932	rBV5	18075	21427	3.31%	0.225%
75	13.498	1938	1940	1942	rBV3	18779	18575	2.87%	0.195%
76	13.610	1956	1959	1961	rBV4	21873	27684	4.27%	0.290%
77	13.639	1961	1964	1967	rVB	57298	54061	8.34%	0.567%
78	13.692	1971	1973	1976	rVB	24301	21494	3.32%	0.225%
79	13.745	1978	1982	1985	rBV2	69455	87849	13.55%	0.921%
80	13.768	1985	1986	1989	rVB	37837	28306	4.37%	0.297%
81	13.798	1989	1991	1992	rBV	29456	23087	3.56%	0.242%
82	13.845	1997	1999	2002	rVB	49656	45374	7.00%	0.476%
83	13.874	2002	2004	2006	rVB2	22845	19114	2.95%	0.200%
84	13.915	2009	2011	2013	rBV	16694	14442	2.23%	0.151%
85	13.998	2020	2025	2028	rBV2	414965	571317	88.14%	5.989%
86	14.021	2028	2029	2032	rVB	188906	141493	21.83%	1.483%
87	14.080	2037	2039	2041	rBV2	24969	21473	3.31%	0.225%
88	14.104	2041	2043	2045	rBV	24255	16314	2.52%	0.171%
89	14.345	2082	2084	2086	rBV	34351	27933	4.31%	0.293%
90	14.386	2086	2091	2094	rVV2	210809	294609	45.45%	3.088%
91	14.421	2094	2097	2099	rBV	47849	47438	7.32%	0.497%
92	14.451	2100	2102	2106	rVV4	44021	50635	7.81%	0.531%
93	15.045	2199	2203	2206	rBV	126046	183997	28.39%	1.929%
94	15.345	2251	2254	2260	rVB	81528	96237	14.85%	1.009%
95	15.403	2260	2264	2270	rBV	129883	175000	27.00%	1.834%
96	15.468	2271	2275	2278	rBV	222926	259095	39.97%	2.716%
97	16.139	2386	2389	2399	rVB7	54042	108779	16.78%	1.140%
98	16.574	2459	2463	2467	rVB5	30637	44714	6.90%	0.469%
99	16.939	2521	2525	2534	rVB2	43023	91154	14.06%	0.956%
100	17.392	2597	2602	2610	rVB3	40655	87177	13.45%	0.914%

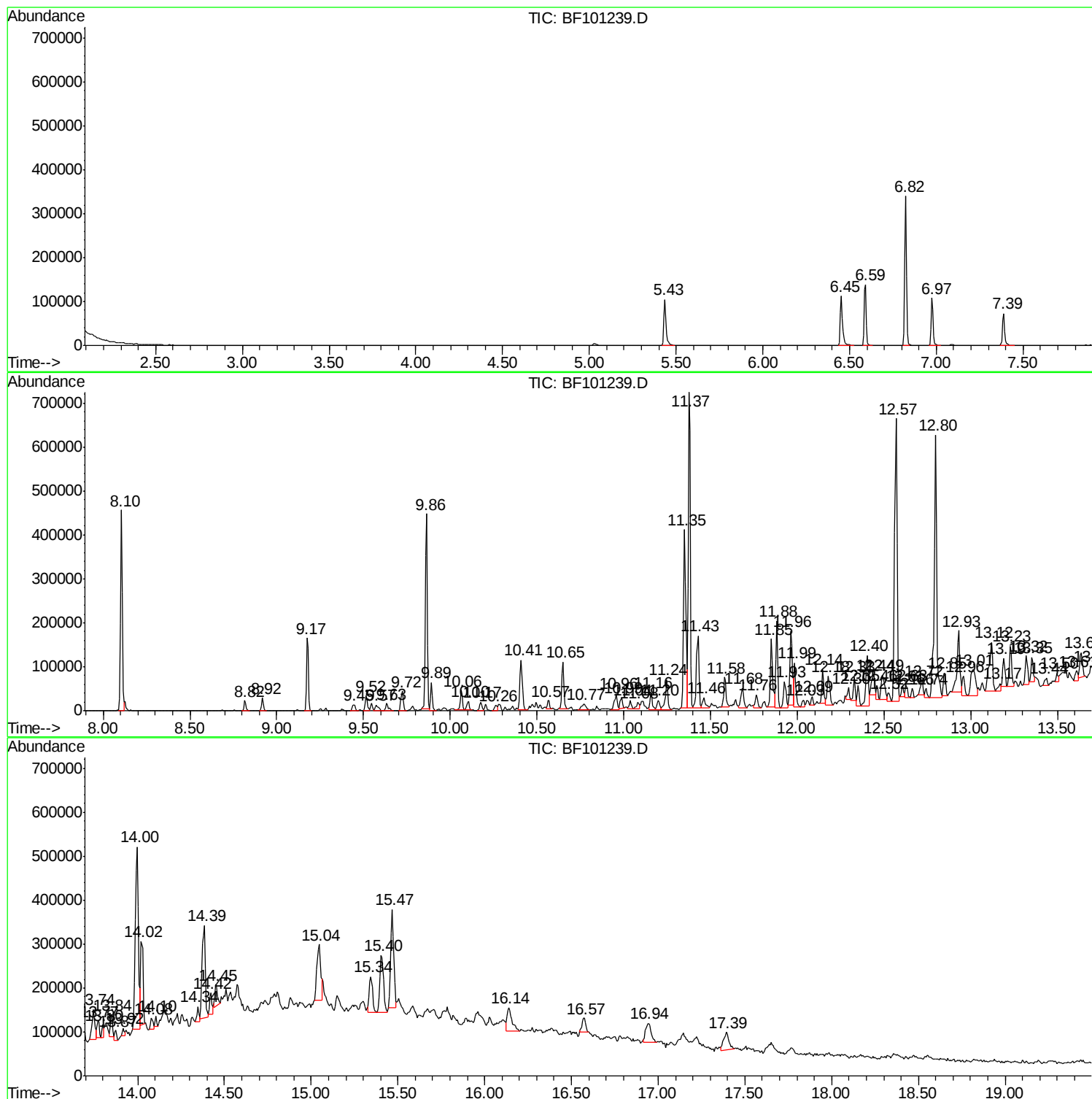
Sum of corrected areas: 9539519

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



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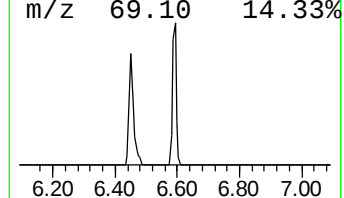
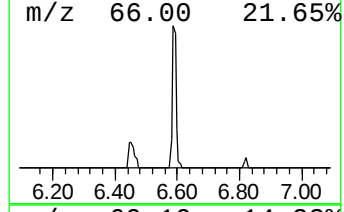
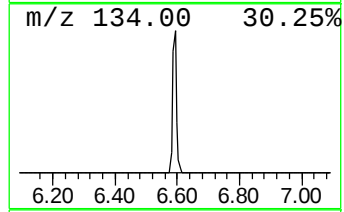
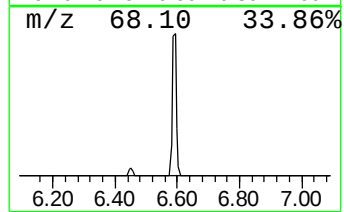
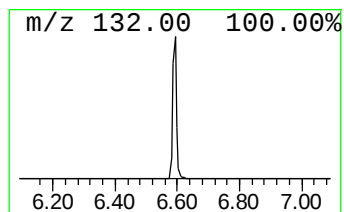
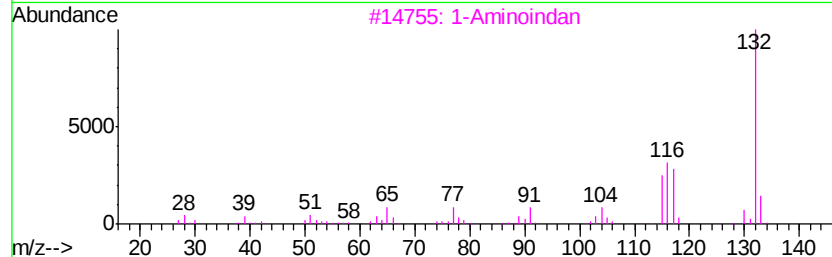
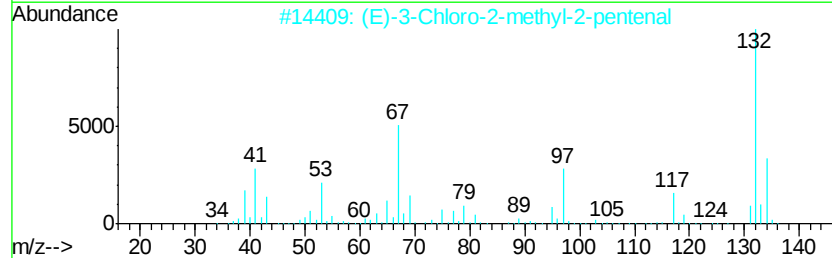
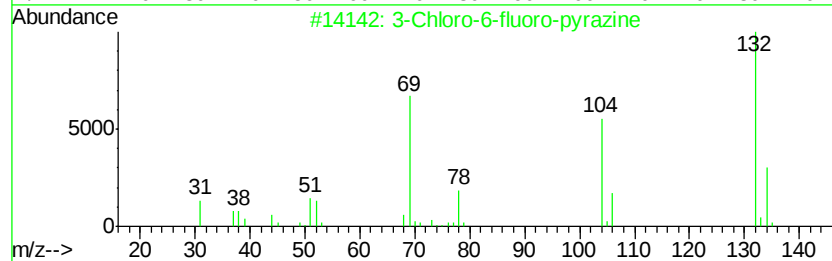
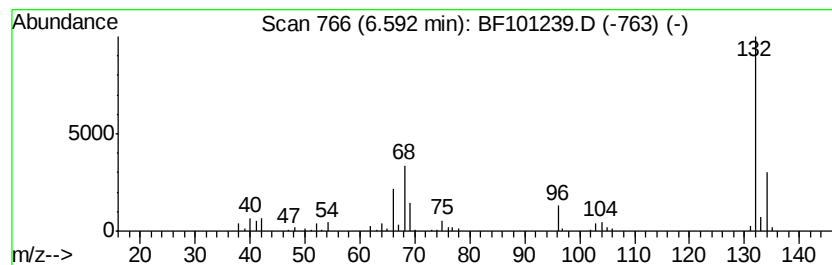
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.59 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	9.05 ng	120837	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		1-Aminoindan	133	C9H11N	034698-41-4	9
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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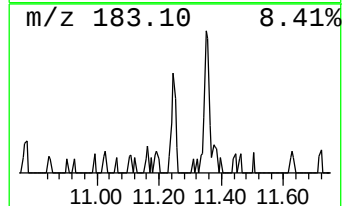
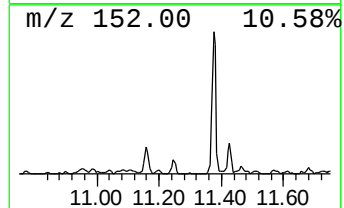
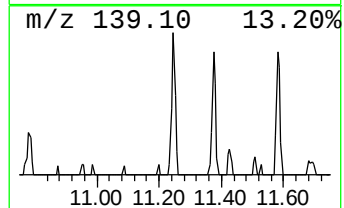
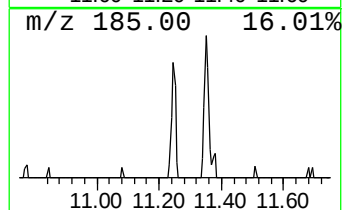
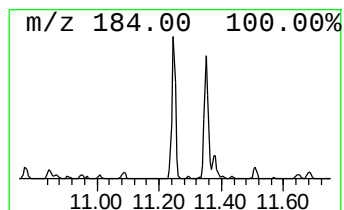
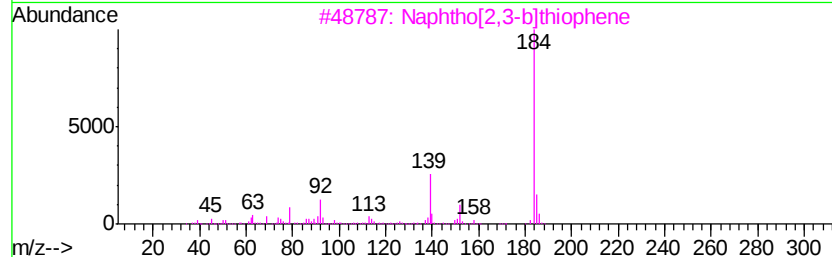
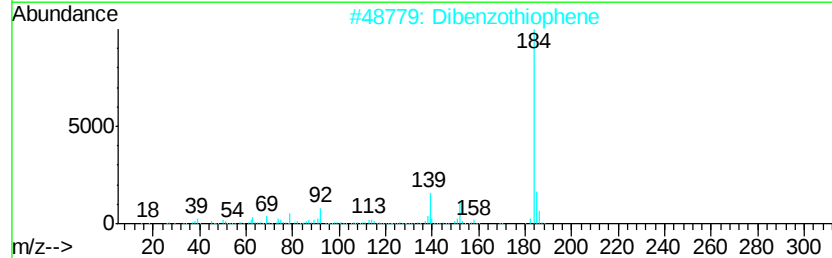
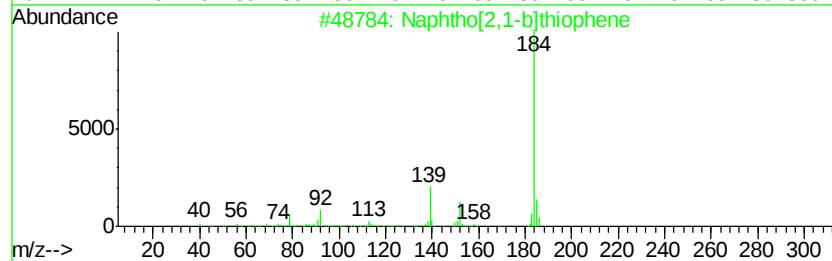
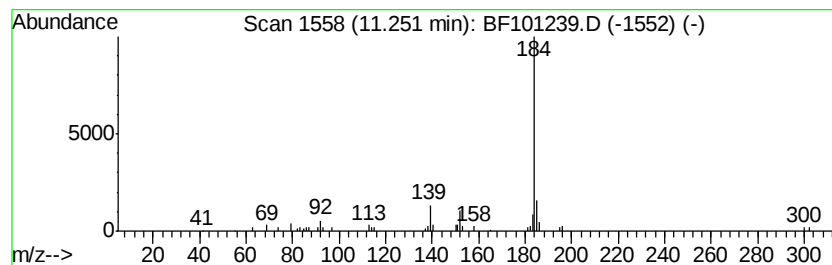
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphtho[2,1-b]thiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	3.55 ng	64891	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
2		Dibenzothiophene	184	C12H8S	000132-65-0	94
3		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	93



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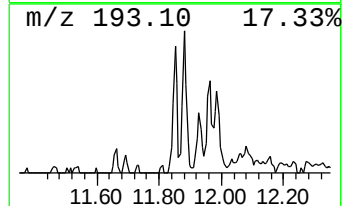
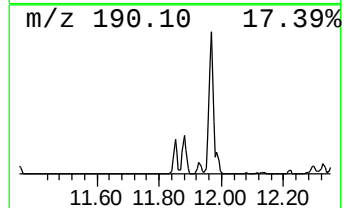
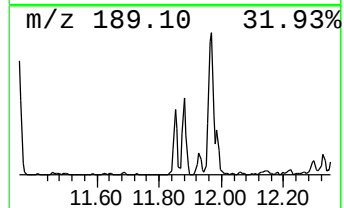
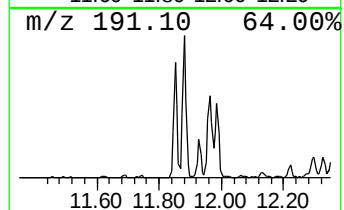
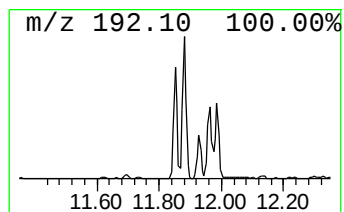
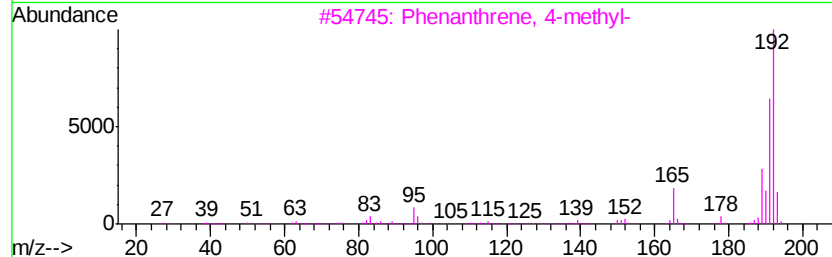
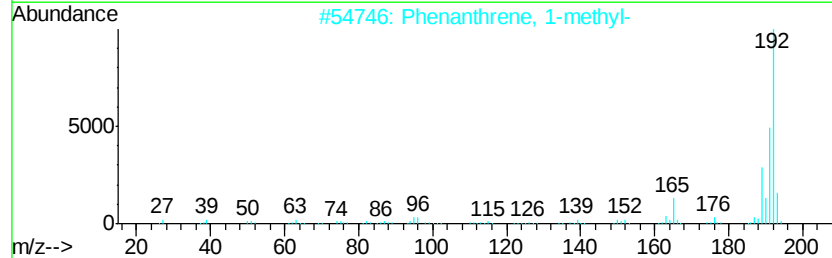
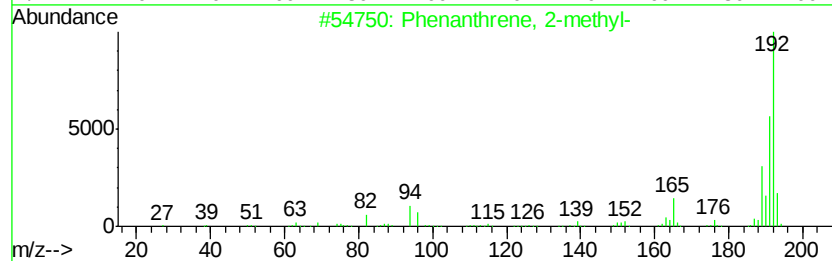
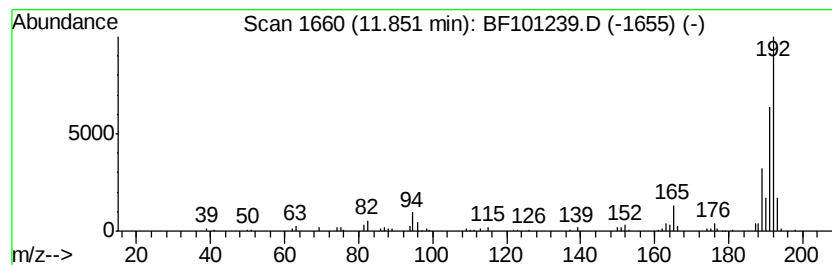
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Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	7.88 ng	144122	Phenanthrene-d10	11.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101239.D
Acq On : 8 Dec 2017 16:51
Operator : SJ/JU
Sample : I6676-03 10X
Misc :
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ClientSampleId :
OK-03-120617

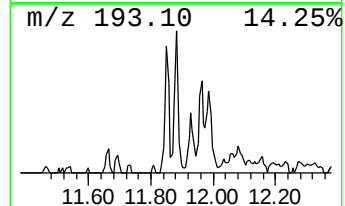
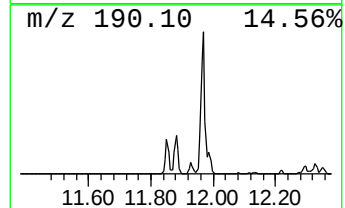
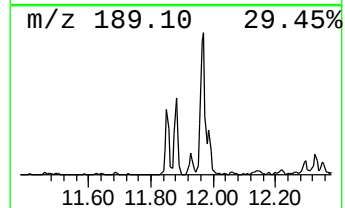
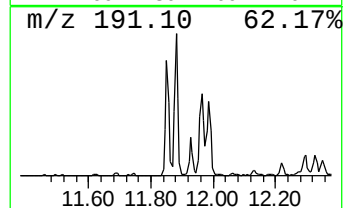
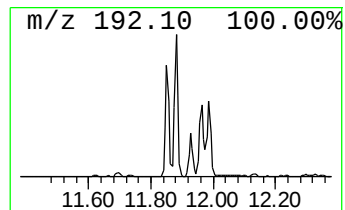
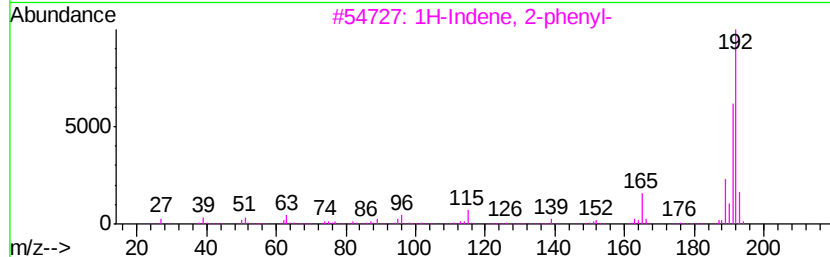
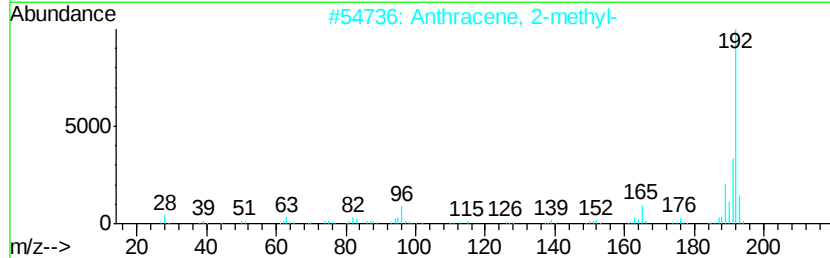
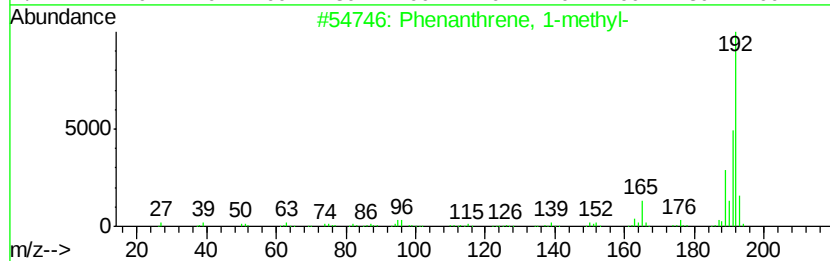
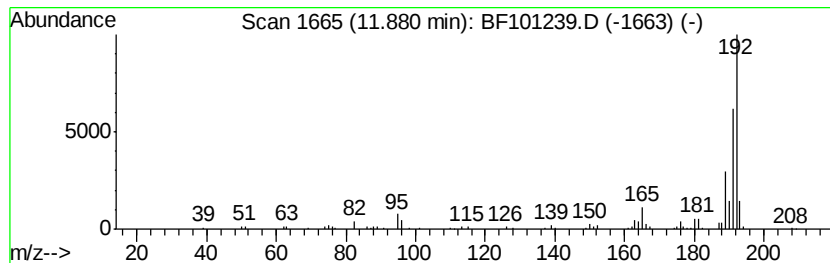
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	8.31 ng	151995	Phenanthrene-d10	11.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5		1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120817\
Data File : BF101239.D
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Instrument :
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ClientSampleId :
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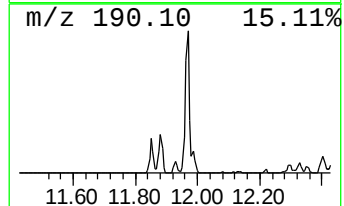
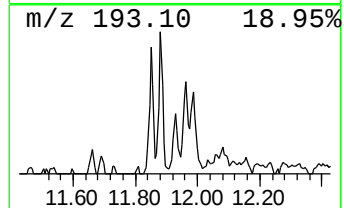
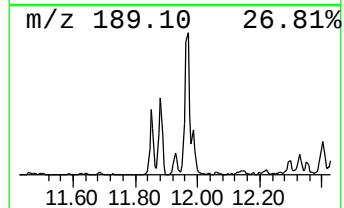
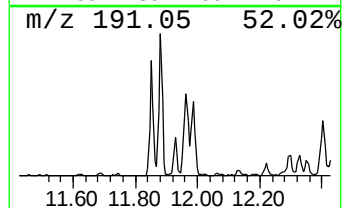
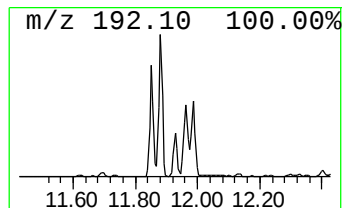
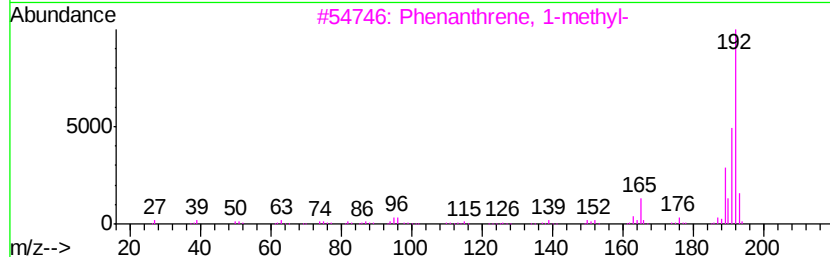
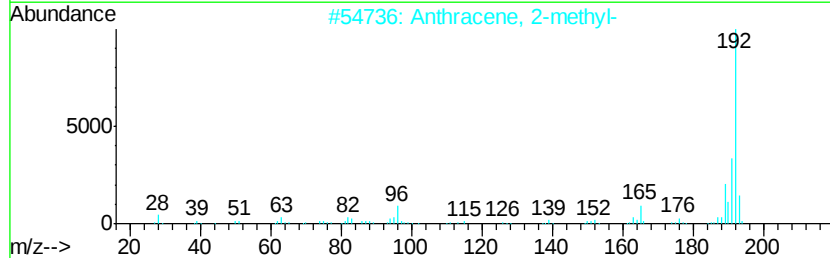
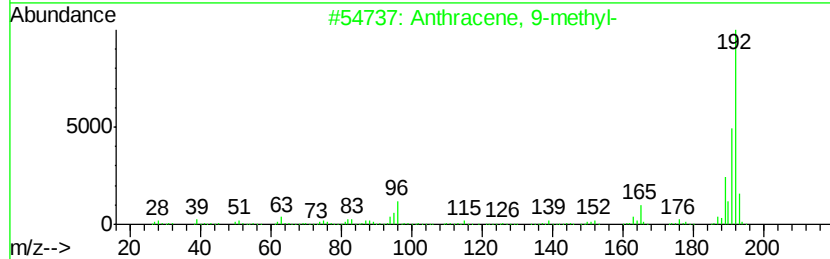
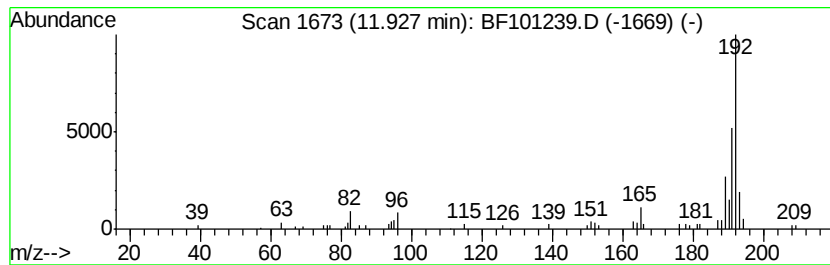
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Anthracene, 9-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	2.84 ng	51977	Phenanthrene-d10	11.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101239.D
Acq On : 8 Dec 2017 16:51
Operator : SJ/JU
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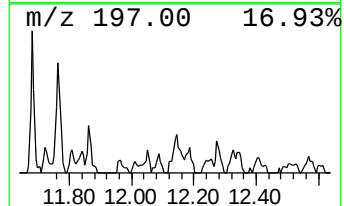
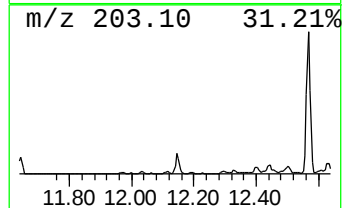
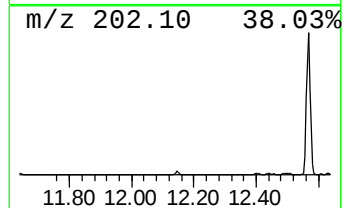
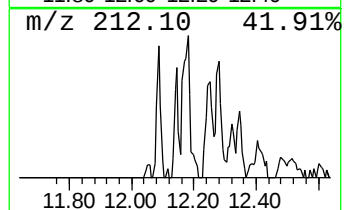
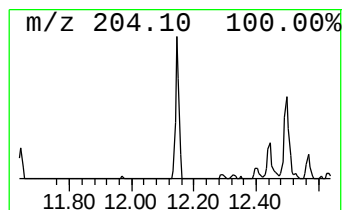
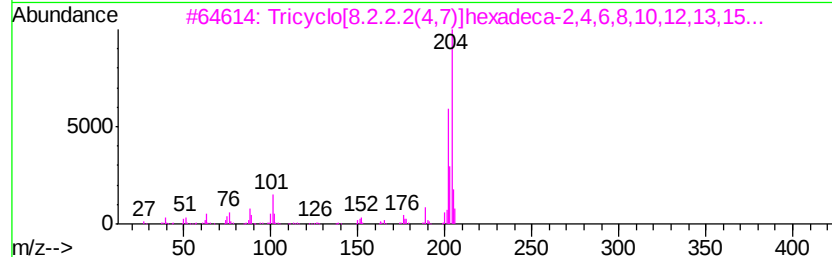
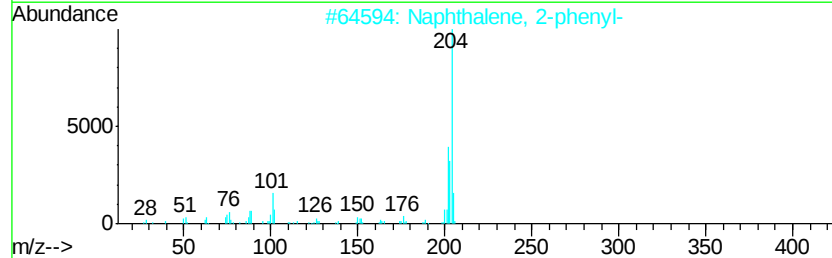
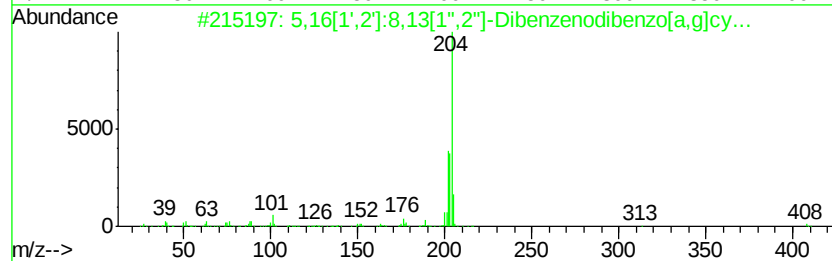
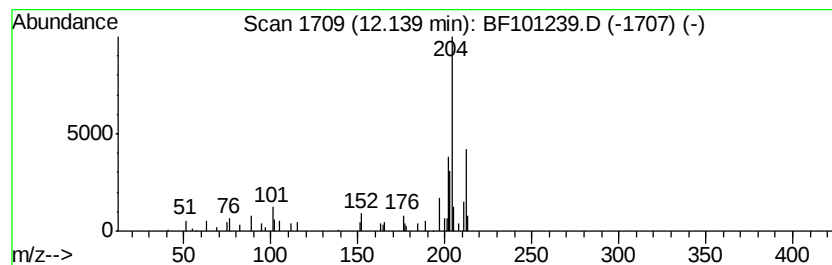
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	3.63 ng	66376	Phenanthrene-d10	11.35

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		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	60
4		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50
5		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101239.D
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Operator : SJ/JU
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Misc :
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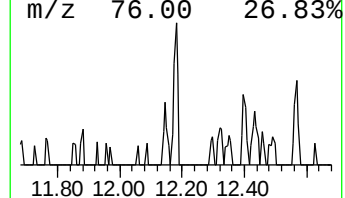
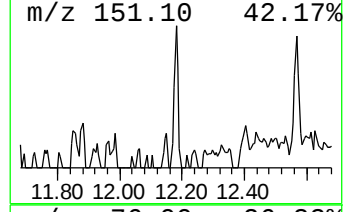
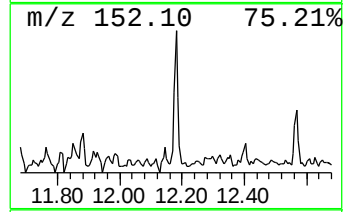
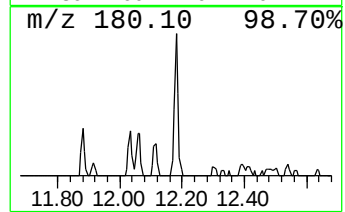
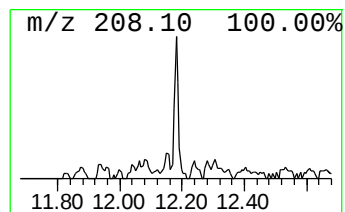
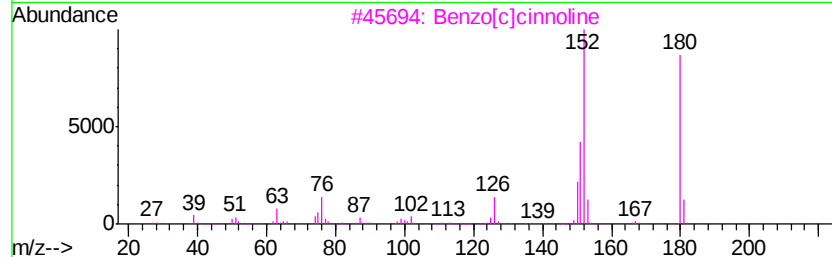
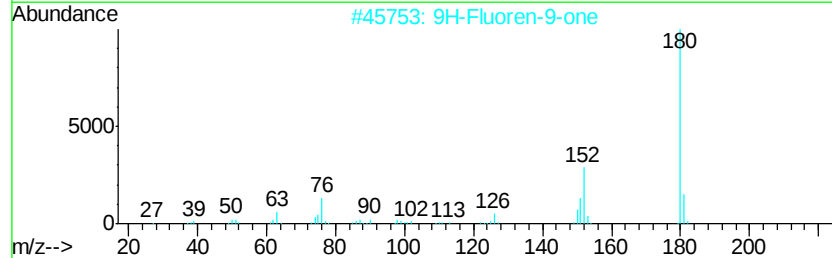
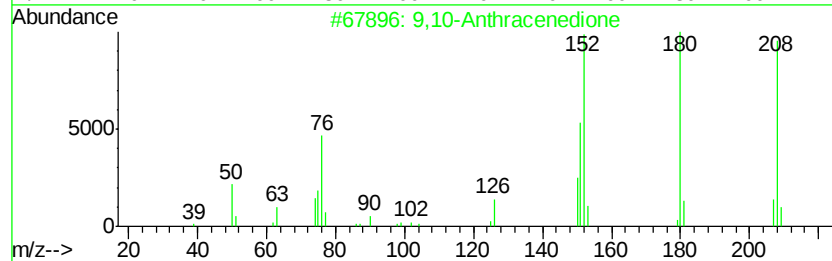
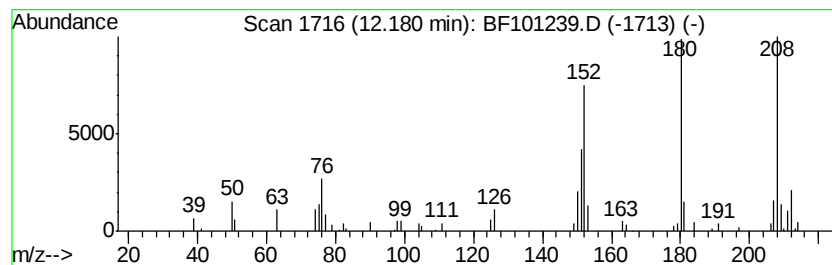
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	3.22 ng	58854	Phenanthrene-d10	11.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2			9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
3			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55
5			1H-Phenalen-1-one	180	C13H8O	000548-39-0	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120817\
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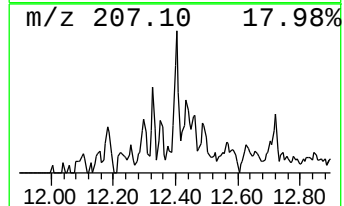
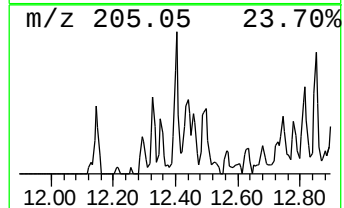
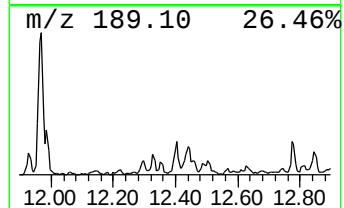
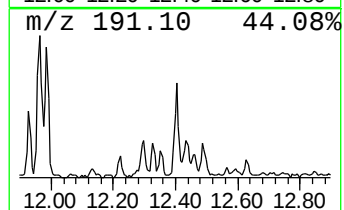
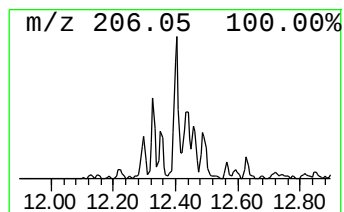
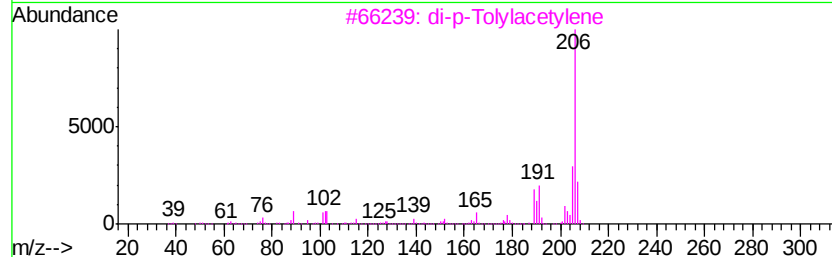
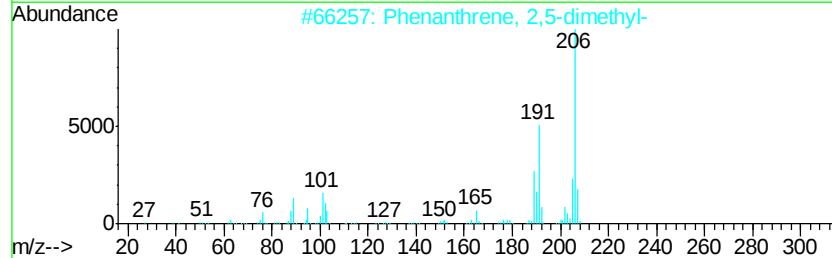
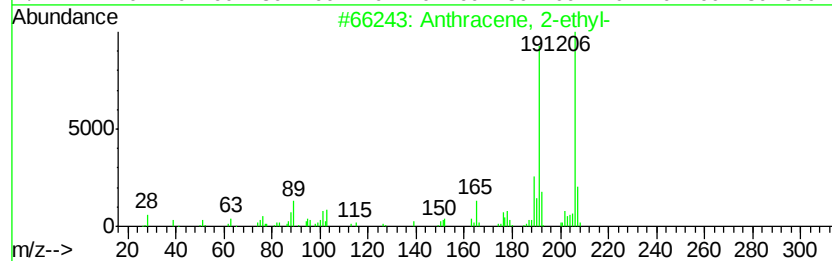
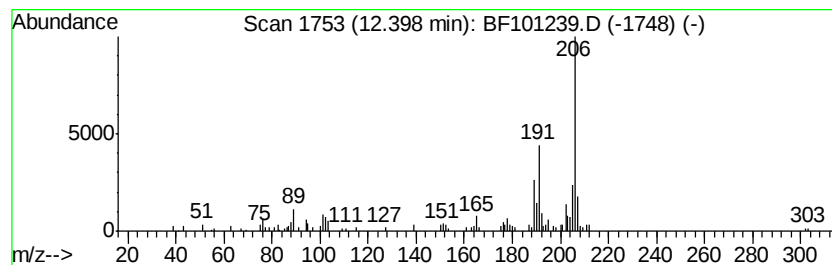
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Anthracene, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.40	6.94 ng	126873	Phenanthrene-d10		11.35	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-ethyl-	206	C16H14	052251-71-5	95
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3		di-p-Tolylacetylene	206	C16H14	002789-88-0	92
4		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120817\
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Misc :
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ClientSampleId :
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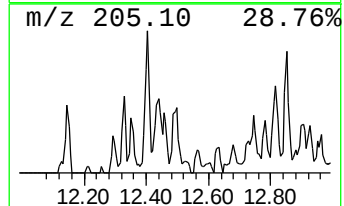
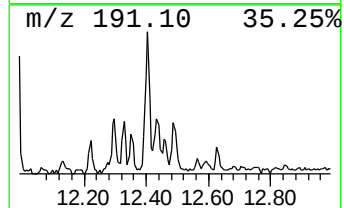
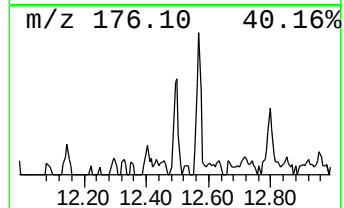
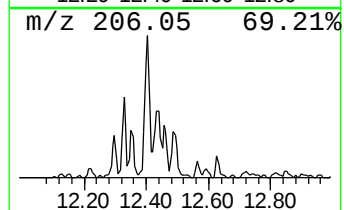
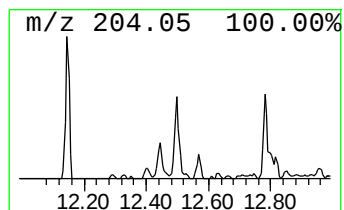
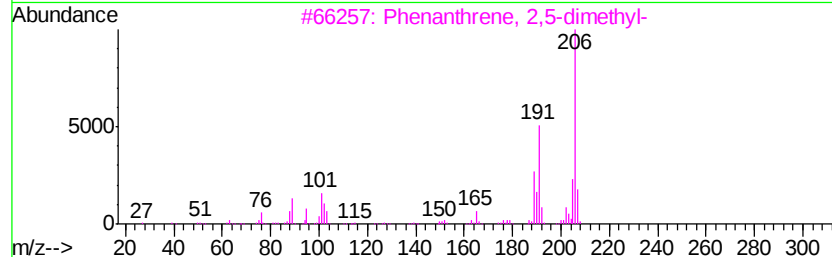
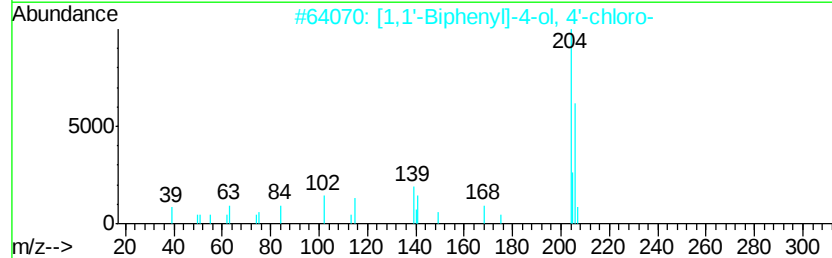
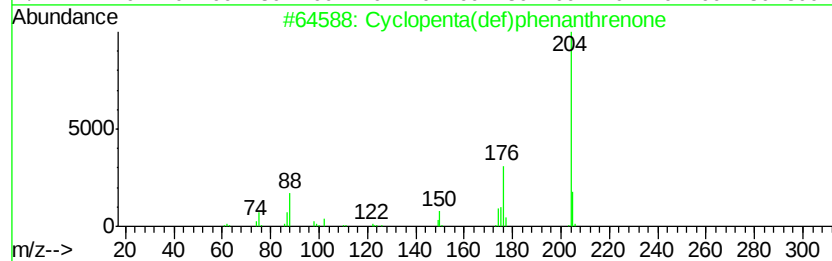
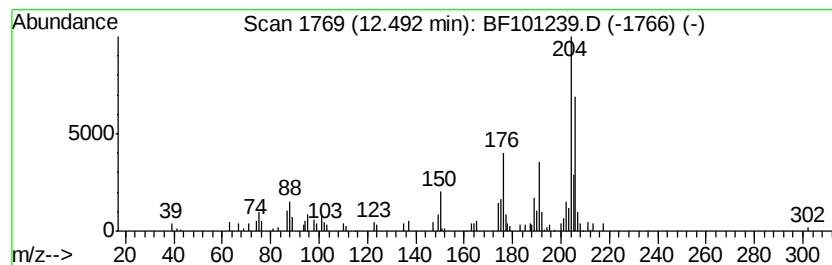
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown12.49 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	4.00 ng	73193	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	49
2		[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	46
3		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	38
4		1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	38
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101239.D
Acq On : 8 Dec 2017 16:51
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Misc :
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ClientSampleId :
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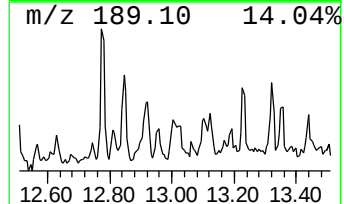
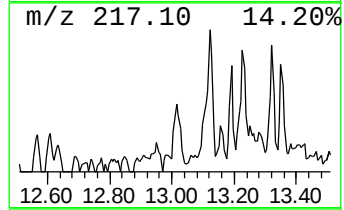
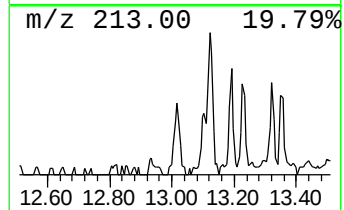
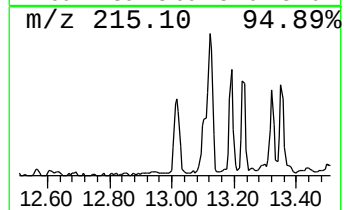
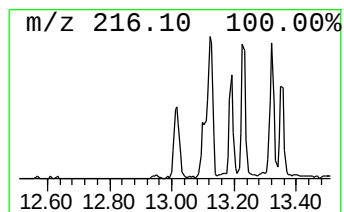
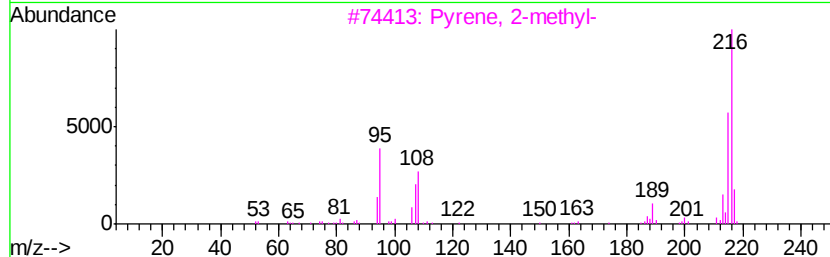
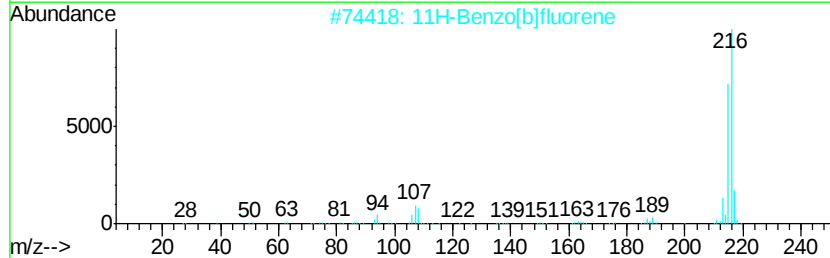
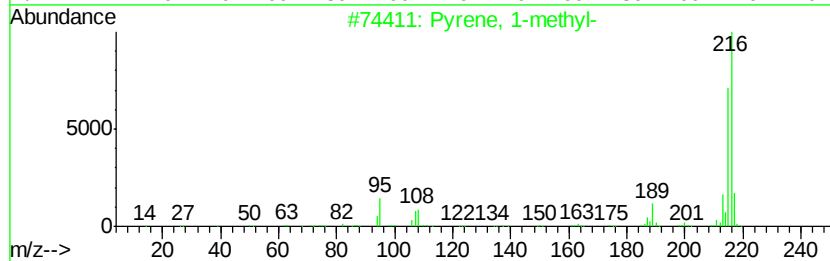
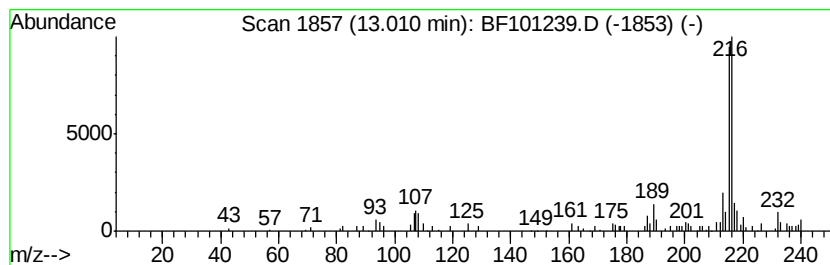
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	3.79 ng	108331	Chrysene-d12	14.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120817\
Data File : BF101239.D
Acq On : 8 Dec 2017 16:51
Operator : SJ/JU
Sample : I6676-03 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-120617

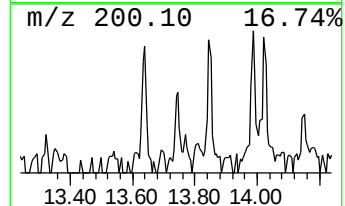
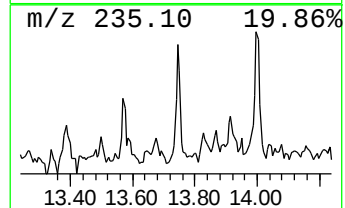
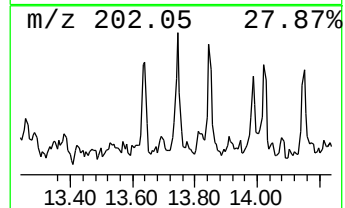
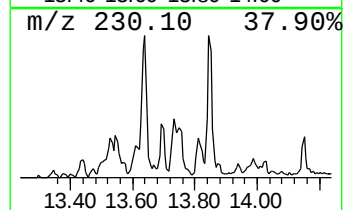
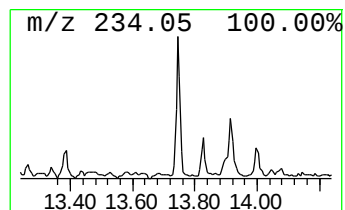
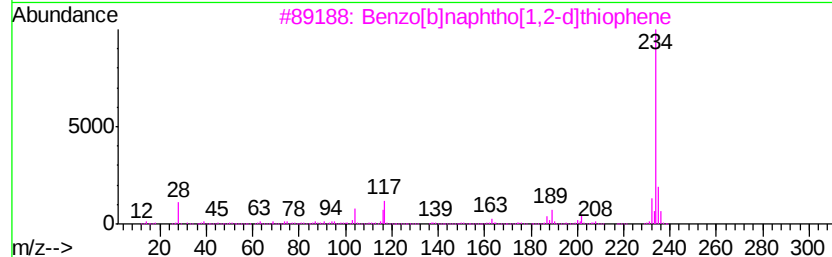
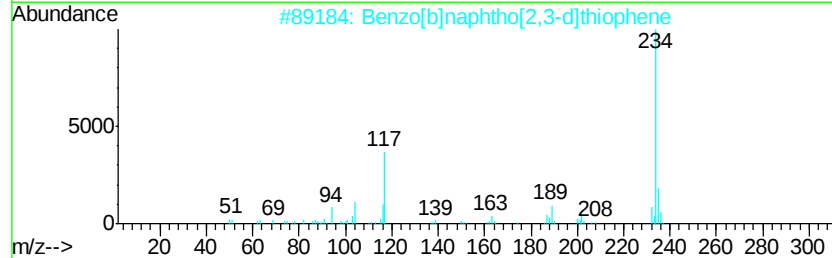
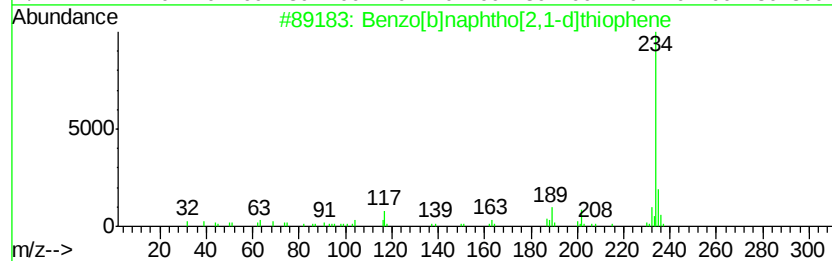
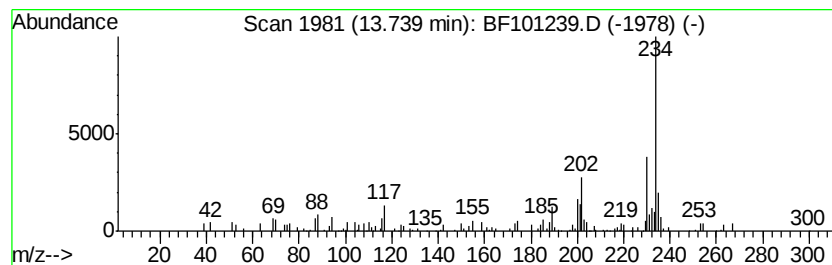
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	3.08 ng	87849	Chrysene-d12	14.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	81
2			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
3			Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	62
4			Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	59
5			Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120817\
Data File : BF101239.D
Acq On : 8 Dec 2017 16:51
Operator : SJ/JU
Sample : I6676-03 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OK-03-120617

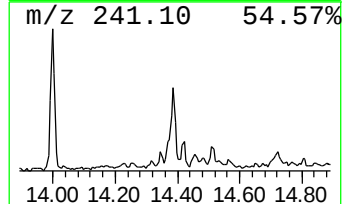
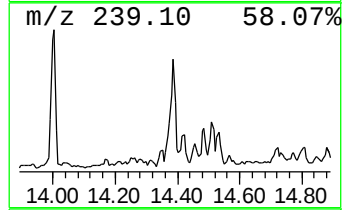
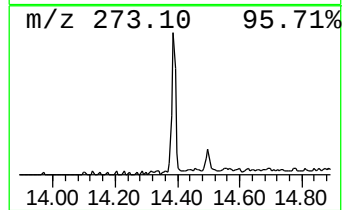
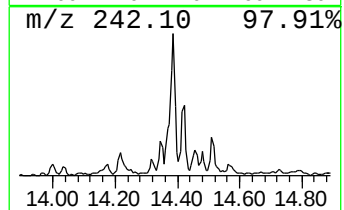
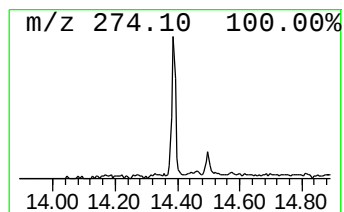
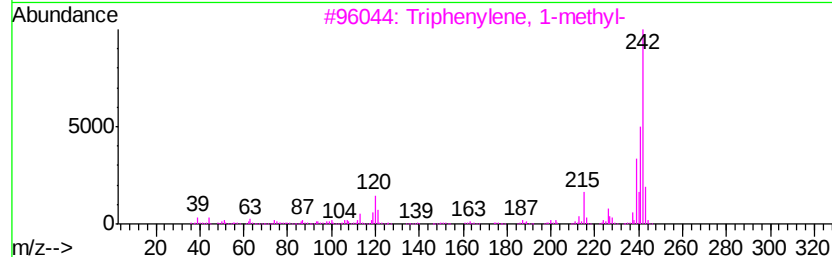
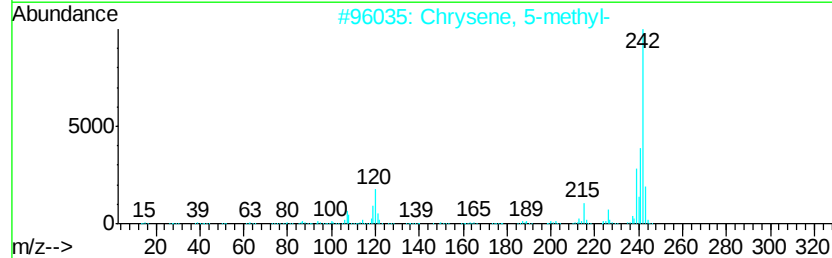
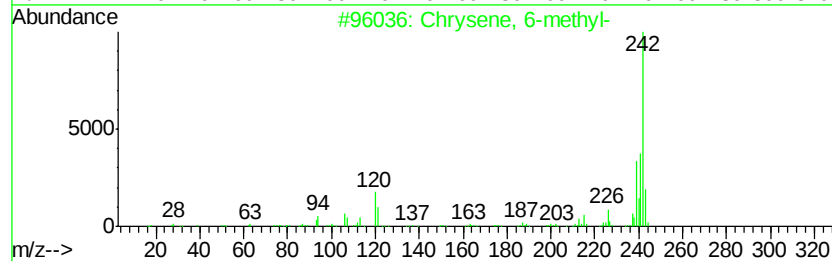
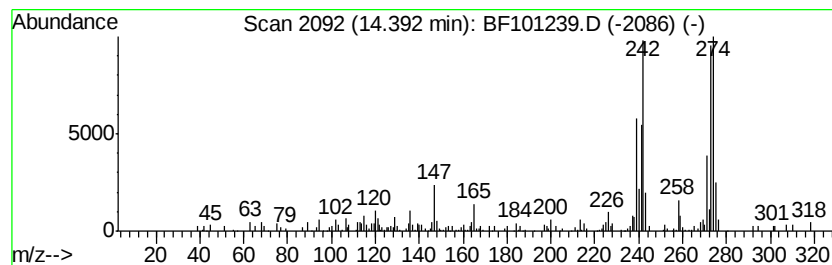
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Chrysene, 6-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	10.31 ng	294609	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Chrysene, 6-methyl-	242	C19H14	001705-85-7	74
2		Chrysene, 5-methyl-	242	C19H14	003697-24-3	62
3		Triphenylene, 1-methyl-	242	C19H14	002871-91-2	62
4		1H-Benz[flindene, 2-phenyl-	242	C19H14	1000305-22-4	60
5		Chrysene, 4-methyl-	242	C19H14	003351-30-2	56



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101239.D
Acq On : 8 Dec 2017 16:51
Operator : SJ/JU
Sample : I6676-03 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

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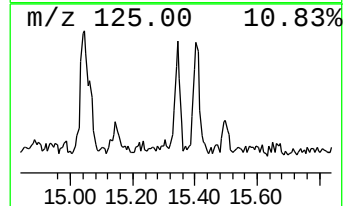
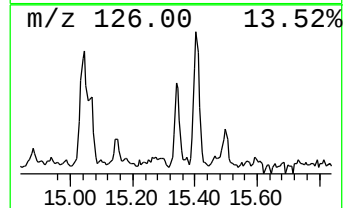
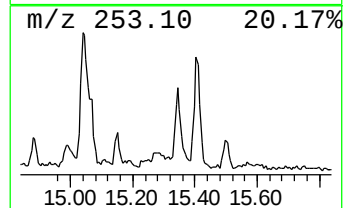
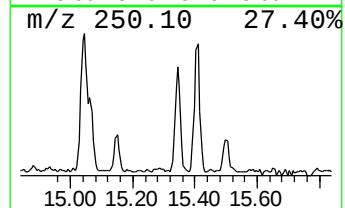
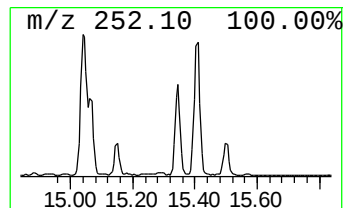
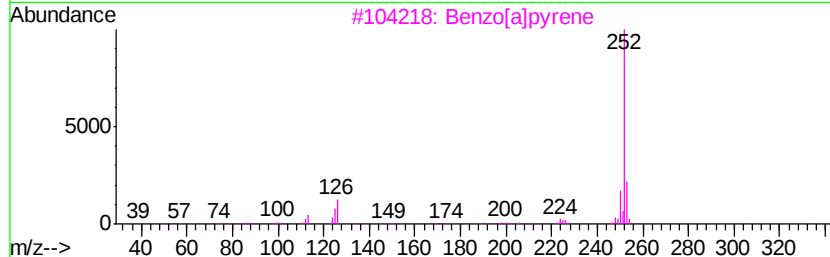
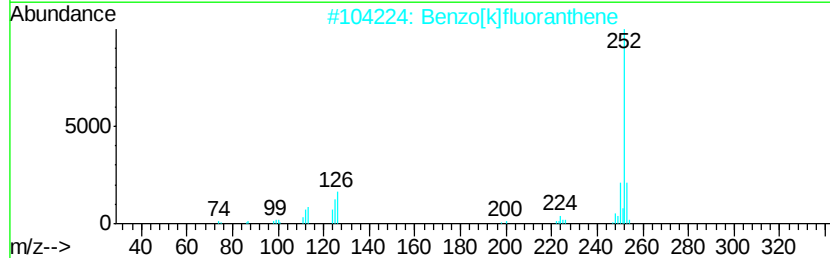
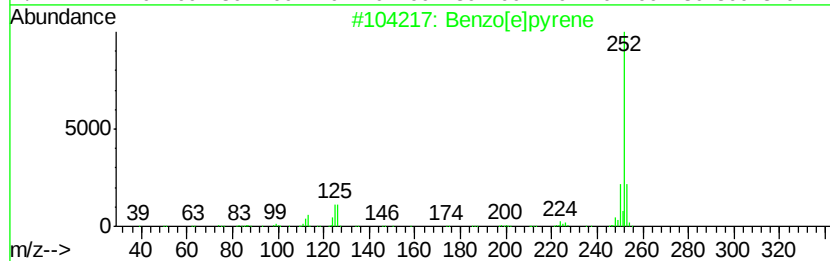
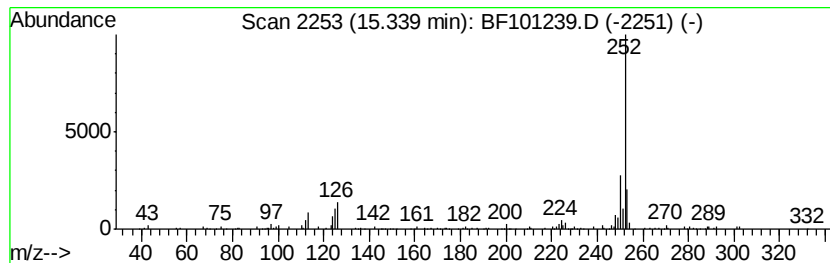
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	7.43 ng	96237	Perylene-d12	15.47

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	95
3		Benzo[a]pyrene	252	C20H12	000050-32-8	95
4		Benzo[i]fluoranthene	252	C20H12	000205-82-3	94
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120817\
Data File : BF101239.D
Acq On : 8 Dec 2017 16:51
Operator : SJ/JU
Sample : I6676-03 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

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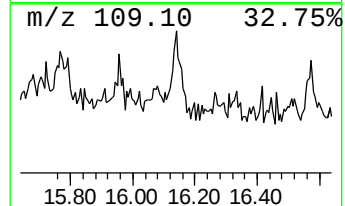
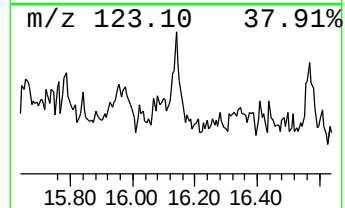
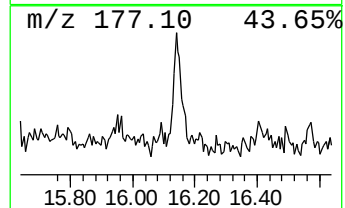
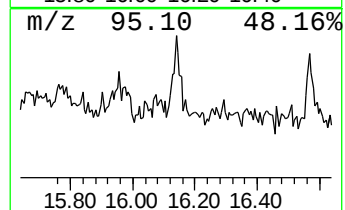
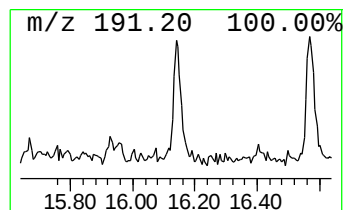
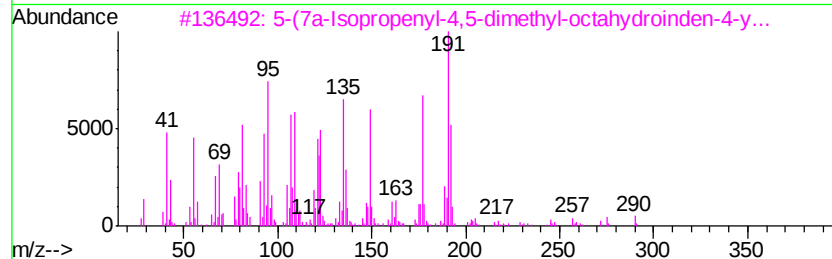
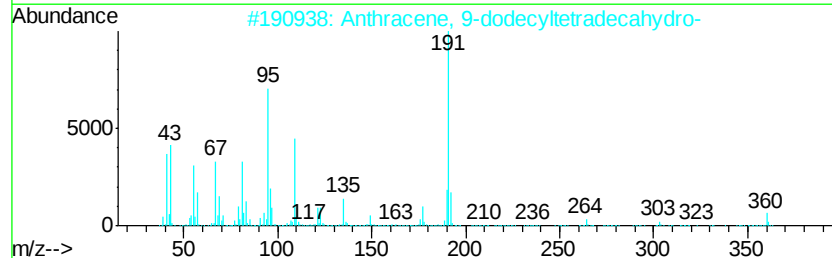
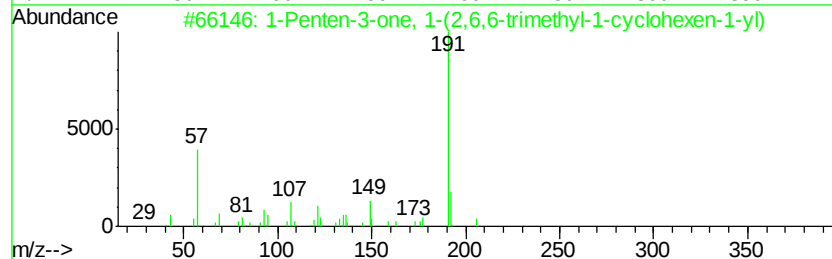
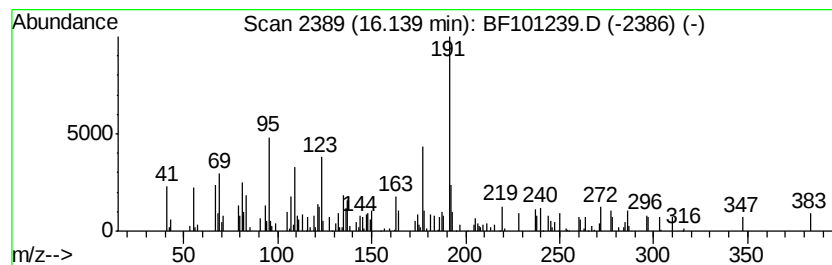
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown16.14 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	8.40 ng	108779	Perylene-d12	15.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	38
2			Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	37
3			5-(7a-Isopropenyl-4,5-dimethyl-o...	290	C20H34O	1000193-54-0	27
4			Protriptyline	263	C19H21N	000438-60-8	27
5			9H-Fluorene-9-carbonitrile	191	C14H9N	001529-40-4	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101239.D
Acq On : 8 Dec 2017 16:51
Operator : SJ/JU
Sample : I6676-03 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

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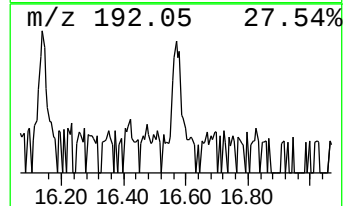
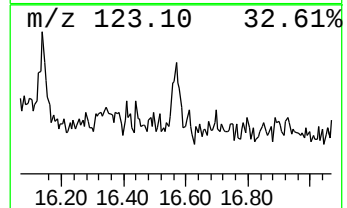
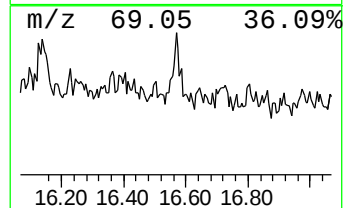
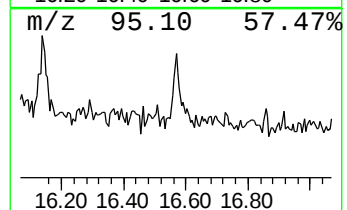
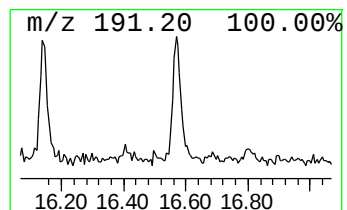
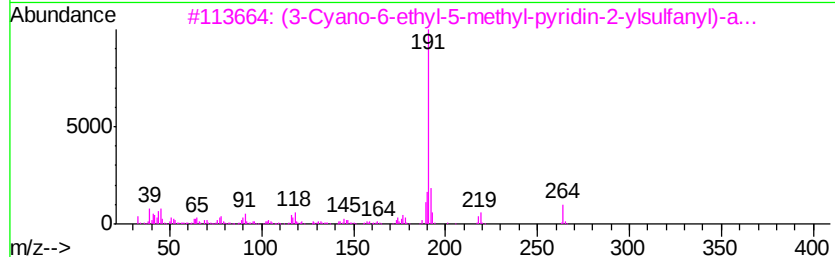
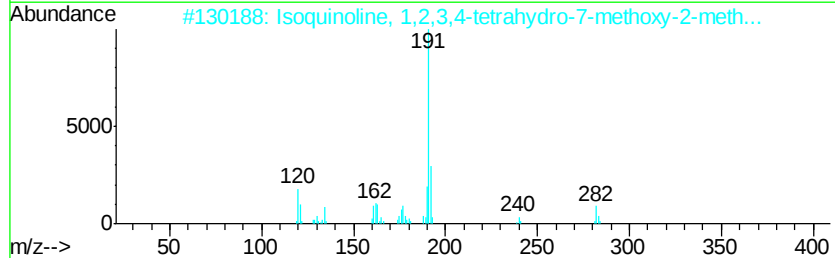
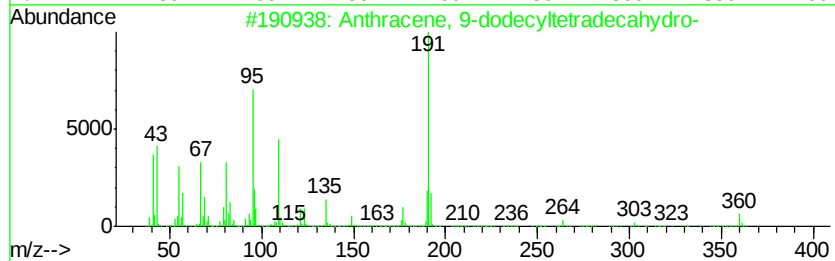
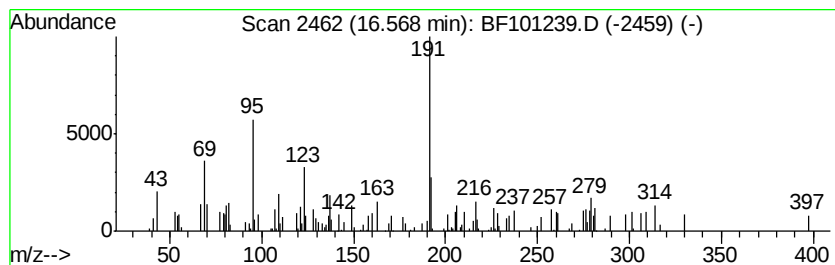
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown16.57 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	3.45 ng	44714	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	47
2		Isoquinoline, 1,2,3,4-tetrahydro...	283	C18H21N02	036646-87-4	46
3		(3-Cyano-6-ethyl-5-methyl-pyridi...	264	C13H16N2O2S	1000300-45-4	38
4		Silane, [4-(1,1-dimethylethyl)ph...	206	C13H22Si	018412-68-5	38
5		.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120817\
 Data File : BF101239.D
 Acq On : 8 Dec 2017 16:51
 Operator : SJ/JU
 Sample : I6676-03 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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
unknown6.59	6.59	9.1 ng		120837	1	6.82	267018	20.0
Naphtho[2,1-b]thi...	11.25	3.5 ng		64891	4	11.35	365728	20.0
Phenanthrene, 2-m...	11.85	7.9 ng		144122	4	11.35	365728	20.0
Phenanthrene, 1-m...	11.88	8.3 ng		151995	4	11.35	365728	20.0
Anthracene, 9-met...	11.93	2.8 ng		51977	4	11.35	365728	20.0
5,16[1',2']:8,13[...	12.14	3.6 ng		66376	4	11.35	365728	20.0
9,10-Anthracenedione	12.18	3.2 ng		58854	4	11.35	365728	20.0
Anthracene, 2-ethyl-	12.40	6.9 ng		126873	4	11.35	365728	20.0
unknown12.49	12.49	4.0 ng		73193	4	11.35	365728	20.0
Pyrene, 1-methyl-	13.01	3.8 ng		108331	5	14.00	571317	20.0
Benzo[b]naphtho[2...	13.74	3.1 ng		87849	5	14.00	571317	20.0
Chrysene, 6-methyl-	14.39	10.3 ng		294609	5	14.00	571317	20.0
Benzo[e]pyrene	15.34	7.4 ng		96237	6	15.47	259095	20.0
unknown16.14	16.14	8.4 ng		108779	6	15.47	259095	20.0
unknown16.57	16.57	3.5 ng		44714	6	15.47	259095	20.0