

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051219\
 Data File : BF114205.D
 Acq On : 12 May 2019 20:50
 Operator : JU/SJ
 Sample : K2767-12 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01DL

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-BF051019.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	5.481	573	577	590	rBV	495598	543499	18.39%	1.349%
2	6.486	745	748	763	rBV	575477	627064	21.22%	1.557%
3	6.622	768	771	778	rBV	681960	627536	21.23%	1.558%
4	6.851	806	810	819	rBV	1886219	1554046	52.58%	3.858%
5	7.004	833	836	846	rBV	495451	484898	16.41%	1.204%
6	7.410	901	905	910	rBV	378372	364120	12.32%	0.904%
7	8.133	1024	1028	1030	rBV	2253133	1917512	64.88%	4.760%
8	8.151	1030	1031	1037	rVB	200966	159432	5.39%	0.396%
9	8.780	1132	1138	1142	rVB2	28402	44315	1.50%	0.110%
10	8.845	1146	1149	1157	rVB	109683	94076	3.18%	0.234%
11	8.945	1163	1166	1169	rVB	74170	63045	2.13%	0.156%
12	9.204	1206	1210	1219	rBV	628013	555576	18.80%	1.379%
13	9.545	1265	1268	1270	rBV	64347	60050	2.03%	0.149%
14	9.598	1274	1277	1285	rVB2	109716	160188	5.42%	0.398%
15	9.745	1298	1302	1310	rBV	350959	304654	10.31%	0.756%
16	9.886	1322	1326	1330	rBV	2354256	2008779	67.96%	4.986%
17	10.039	1347	1352	1357	rBV6	21468	43757	1.48%	0.109%
18	10.445	1419	1421	1426	rVB2	45065	46278	1.57%	0.115%
19	10.539	1431	1437	1442	rVV4	39605	60158	2.04%	0.149%
20	10.674	1454	1460	1471	rVB	351525	378356	12.80%	0.939%
21	10.798	1477	1481	1487	rBV2	92834	128479	4.35%	0.319%
22	10.980	1508	1512	1515	rBV4	40672	66724	2.26%	0.166%
23	11.133	1535	1538	1541	rVB	53993	48343	1.64%	0.120%
24	11.174	1542	1545	1549	rVB	105551	91981	3.11%	0.228%
25	11.233	1549	1555	1558	rBV3	68477	77814	2.63%	0.193%
26	11.263	1558	1560	1566	rVB	104563	107862	3.65%	0.268%
27	11.368	1574	1578	1580	rBV	2217656	1988866	67.29%	4.937%
28	11.392	1580	1582	1588	rVV	1317115	1130312	38.24%	2.806%
29	11.445	1588	1591	1594	rVV	156136	129986	4.40%	0.323%
30	11.474	1594	1596	1600	rVB3	41866	45820	1.55%	0.114%
31	11.551	1606	1609	1612	rVB	45219	47018	1.59%	0.117%
32	11.663	1622	1628	1631	rVV2	201574	205980	6.97%	0.511%
33	11.704	1631	1635	1640	rVV	126139	120336	4.07%	0.299%
34	11.763	1641	1645	1646	rVV3	51128	47502	1.61%	0.118%

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35	11.786	1646	1649	1653	rVB	64238	76034	2.57%	0.189%
36	11.827	1653	1656	1658	rBV3	61142	64493	2.18%	0.160%
37	11.868	1660	1663	1666	rVV	372541	380372	12.87%	0.944%
38	11.898	1666	1668	1671	rVV	481288	417853	14.14%	1.037%
39	11.945	1674	1676	1679	rVV	72034	65690	2.22%	0.163%
40	11.980	1679	1682	1685	rVV2	529858	571491	19.34%	1.419%
41	12.004	1685	1686	1691	rVB	348067	242434	8.20%	0.602%
42	12.068	1691	1697	1701	rBV4	69933	129372	4.38%	0.321%
43	12.104	1701	1703	1706	rVV	69971	62244	2.11%	0.155%
44	12.163	1710	1713	1716	rVV	365709	351299	11.89%	0.872%
45	12.192	1716	1718	1724	rVB2	344653	321820	10.89%	0.799%
46	12.298	1733	1736	1737	rBV2	57408	47472	1.61%	0.118%
47	12.315	1737	1739	1742	rVV	101500	93882	3.18%	0.233%
48	12.345	1742	1744	1746	rVV	95848	82834	2.80%	0.206%
49	12.368	1746	1748	1751	rVB	76593	67191	2.27%	0.167%
50	12.421	1751	1757	1760	rBV2	339087	417509	14.13%	1.036%
51	12.457	1760	1763	1765	rVV2	191862	224074	7.58%	0.556%
52	12.480	1765	1767	1769	rVB	109138	82440	2.79%	0.205%
53	12.510	1769	1772	1776	rBV2	246688	307591	10.41%	0.764%
54	12.580	1779	1784	1788	rBV	1504256	1419305	48.02%	3.523%
55	12.627	1788	1792	1794	rBV	100845	92491	3.13%	0.230%
56	12.645	1794	1795	1798	rVB2	62517	49838	1.69%	0.124%
57	12.680	1798	1801	1804	rBV	305778	260245	8.81%	0.646%
58	12.715	1804	1807	1809	rBV2	115115	110284	3.73%	0.274%
59	12.751	1811	1813	1819	rVB	115419	117159	3.96%	0.291%
60	12.815	1819	1824	1830	rBV	2761256	2598315	87.91%	6.450%
61	12.868	1830	1833	1837	rVB3	89069	100077	3.39%	0.248%
62	12.951	1841	1847	1849	rBV	454090	439266	14.86%	1.090%
63	13.027	1857	1860	1867	rBV2	278795	422366	14.29%	1.048%
64	13.086	1867	1870	1872	rVV2	91363	87840	2.97%	0.218%
65	13.121	1872	1876	1877	rVV2	273474	356085	12.05%	0.884%
66	13.139	1877	1879	1882	rVV	315371	274370	9.28%	0.681%
67	13.180	1884	1886	1888	rVV2	77326	77542	2.62%	0.192%
68	13.204	1888	1890	1894	rVV	138555	149844	5.07%	0.372%
69	13.245	1894	1897	1905	rVB	451446	424354	14.36%	1.053%
70	13.310	1905	1908	1910	rBV2	91544	96631	3.27%	0.240%
71	13.339	1910	1913	1915	rVV	368552	337208	11.41%	0.837%

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72	13.368	1915	1918	1921	rVB	355878	294348	9.96%	0.731%
73	13.457	1930	1933	1936	rBV2	67637	71720	2.43%	0.178%
74	13.645	1962	1965	1970	rVB	222734	251537	8.51%	0.624%
75	13.757	1978	1984	1987	rBV2	271243	383147	12.96%	0.951%
76	13.786	1987	1989	1991	rVV	313773	249944	8.46%	0.620%
77	13.809	1991	1993	1996	rVV	243907	213561	7.23%	0.530%
78	13.857	1996	2001	2005	rVB3	216748	316814	10.72%	0.786%
79	13.927	2011	2013	2020	rVB3	42579	63587	2.15%	0.158%
80	14.009	2021	2027	2030	rBV2	2199550	2955645	100.00%	7.337%
81	14.033	2030	2031	2037	rVV	1098654	918195	31.07%	2.279%
82	14.098	2040	2042	2046	rBV3	62363	85170	2.88%	0.211%
83	14.157	2046	2052	2062	rVB	394618	571854	19.35%	1.420%
84	14.268	2068	2071	2074	rBV4	71398	70448	2.38%	0.175%
85	14.362	2084	2087	2089	rBV	91091	100840	3.41%	0.250%
86	14.398	2089	2093	2096	rVV	334064	383652	12.98%	0.952%
87	14.433	2096	2099	2102	rVV2	235063	277509	9.39%	0.689%
88	14.480	2103	2107	2111	rVV4	225855	400464	13.55%	0.994%
89	14.521	2112	2114	2116	rVV3	205314	216042	7.31%	0.536%
90	14.545	2116	2118	2121	rVV	219120	201777	6.83%	0.501%
91	14.592	2124	2126	2129	rVB	144934	134061	4.54%	0.333%
92	14.821	2163	2165	2168	rVB2	87206	78653	2.66%	0.195%
93	14.856	2168	2171	2173	rBV2	96764	100493	3.40%	0.249%
94	15.051	2200	2204	2211	rBV	783141	1435095	48.55%	3.562%
95	15.156	2219	2222	2227	rVB	182264	227812	7.71%	0.566%
96	15.356	2251	2256	2261	rBV	681442	842361	28.50%	2.091%
97	15.415	2262	2266	2271	rBV	834347	988470	33.44%	2.454%
98	15.480	2271	2277	2281	rBV	1248725	1689023	57.15%	4.193%
99	16.945	2521	2526	2534	rVB2	269048	497606	16.84%	1.235%
100	17.386	2596	2601	2610	rVB	242706	511421	17.30%	1.270%

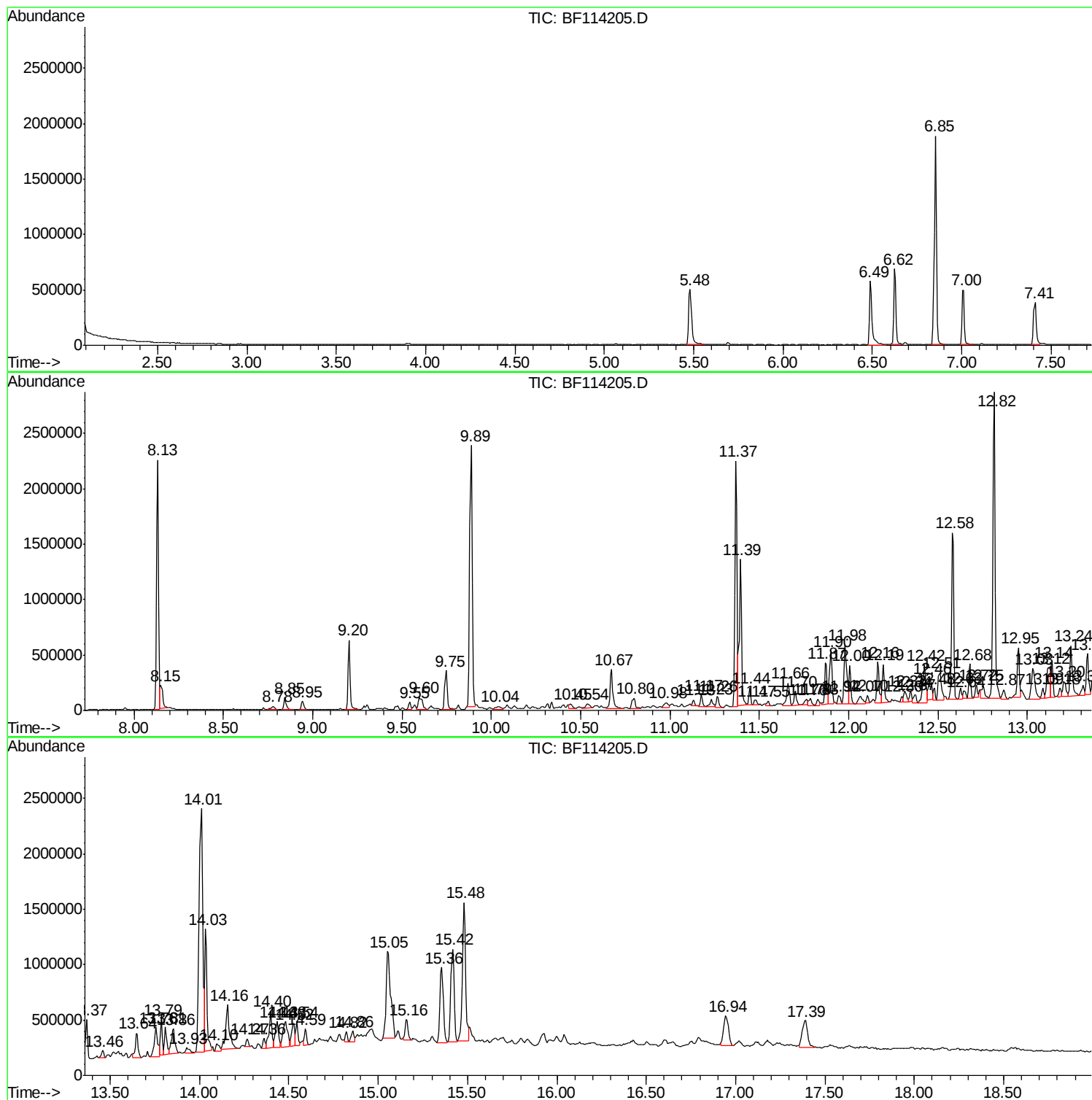
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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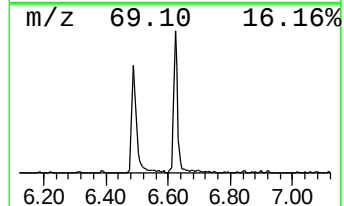
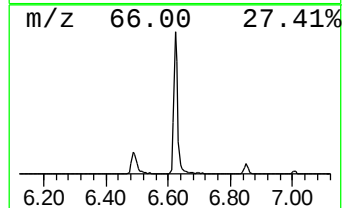
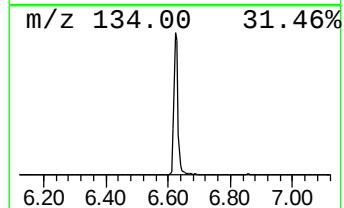
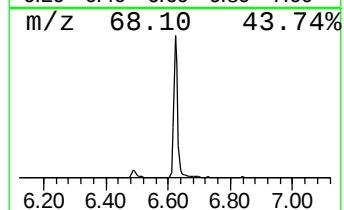
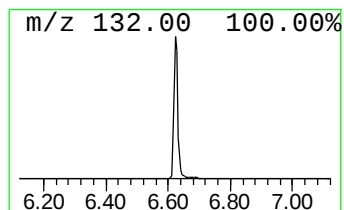
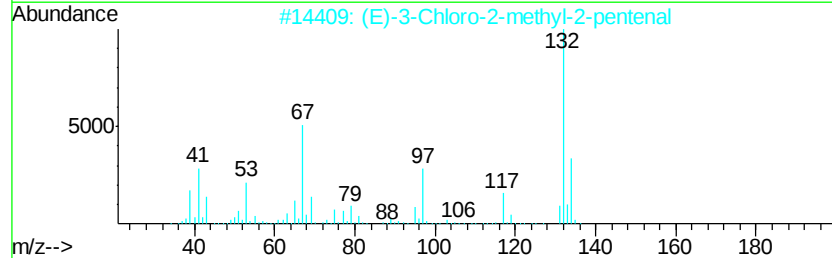
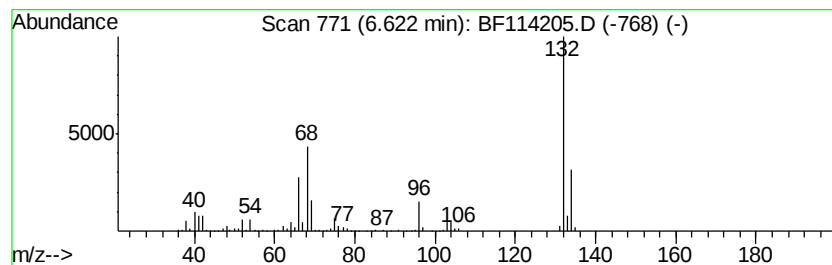
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.62 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	8.08 ng	627536	1,4-Dichlorobenzene-d4	6.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3			Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4			Amphetaminil	250	C17H18N2	017590-01-1	10
5			Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9



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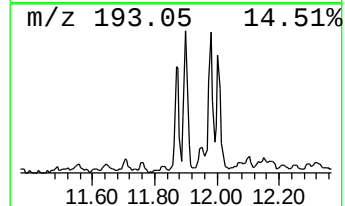
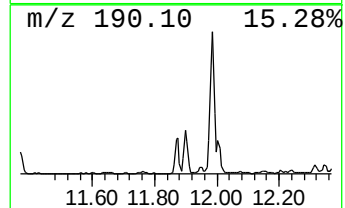
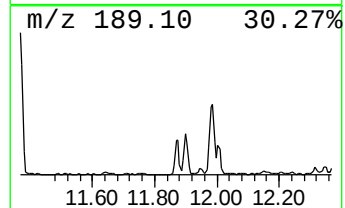
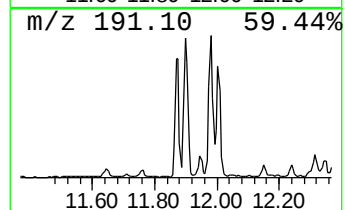
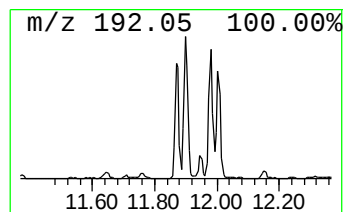
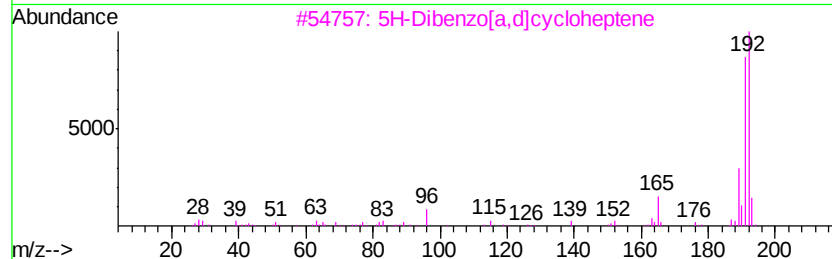
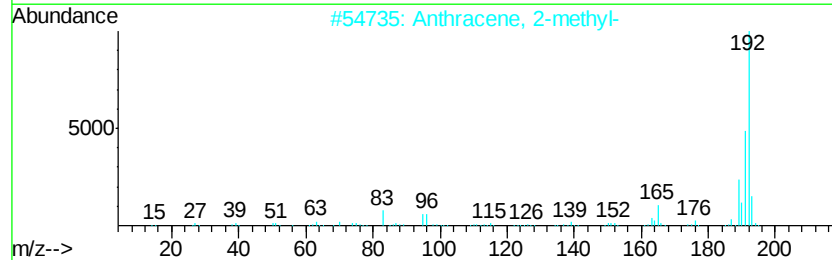
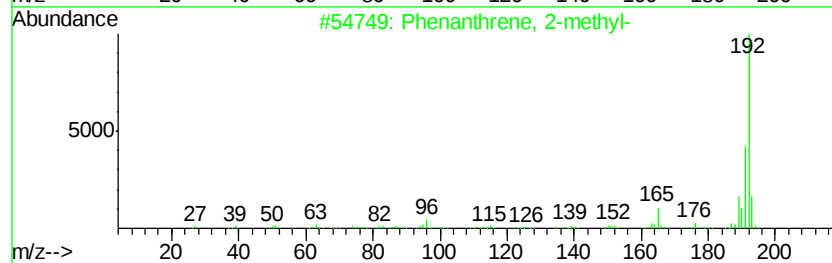
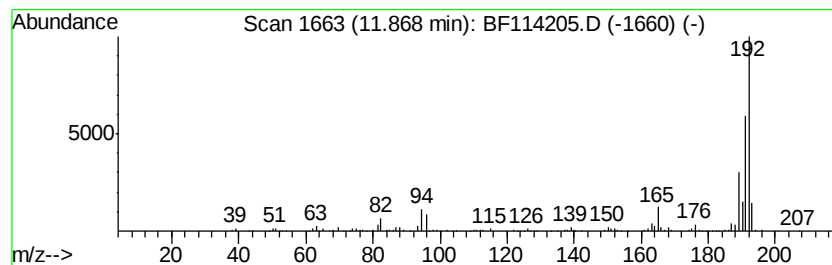
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Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	3.83 ng	380372	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



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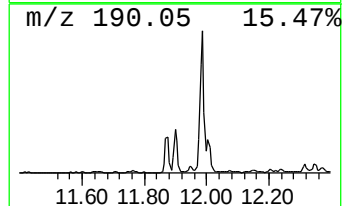
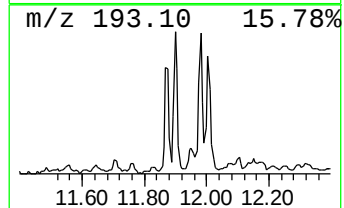
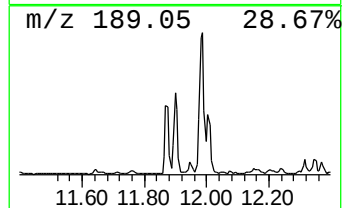
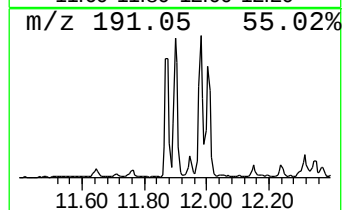
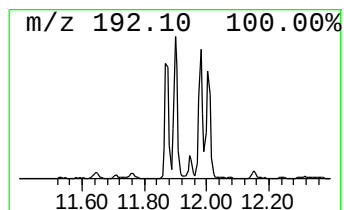
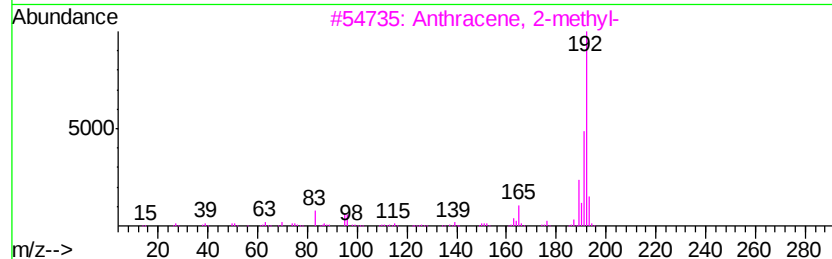
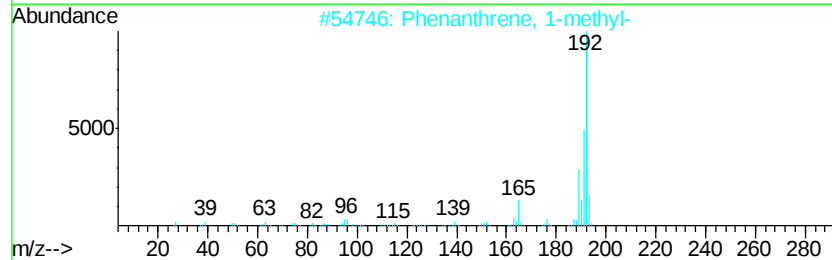
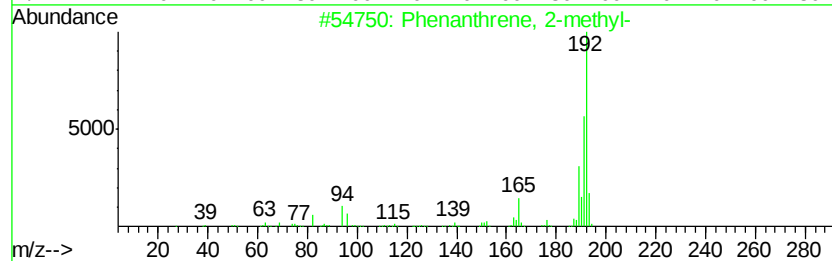
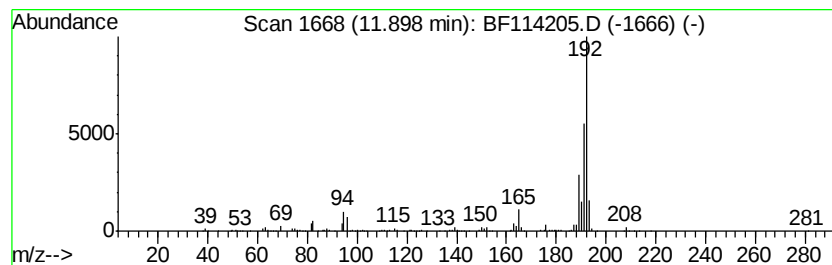
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Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.90	4.20 ng	417853	Phenanthrene-d10	11.37	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114205.D
Acq On : 12 May 2019 20:50
Operator : JU/SJ
Sample : K2767-12 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P026-SS012-0002-01DL

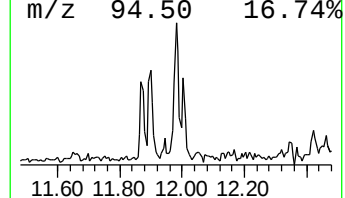
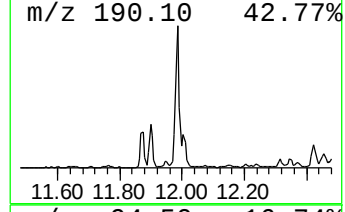
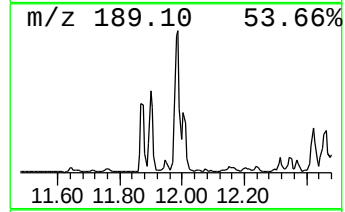
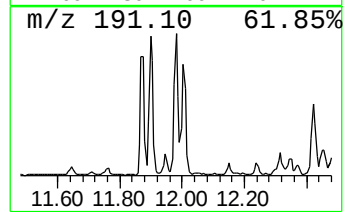
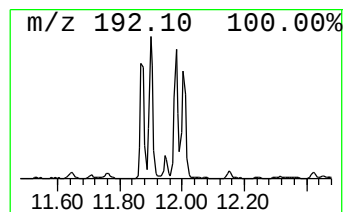
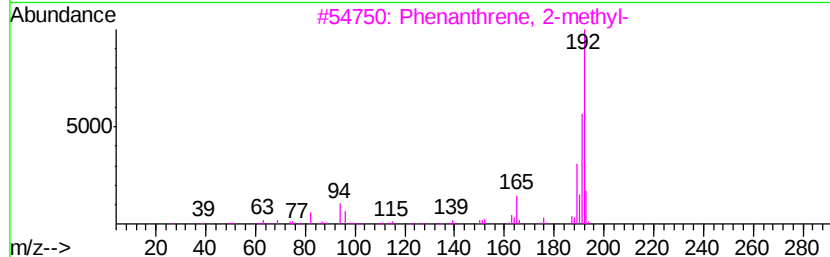
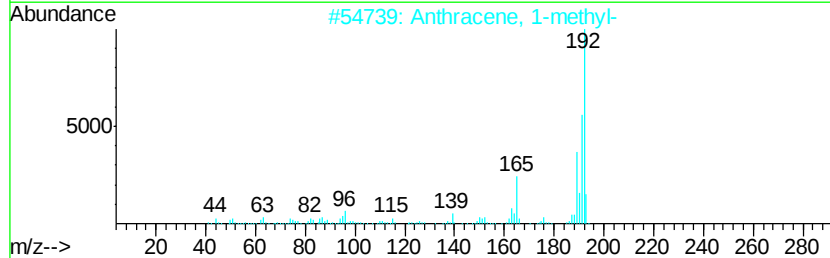
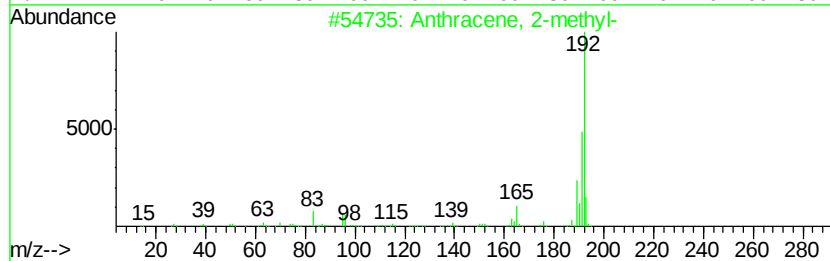
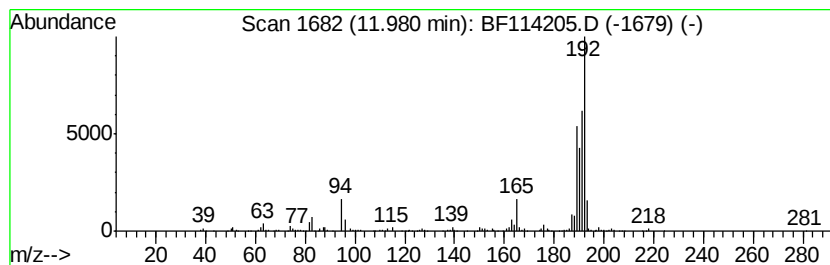
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	5.75 ng	571491	Phenanthrene-d10	11.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114205.D
Acq On : 12 May 2019 20:50
Operator : JU/SJ
Sample : K2767-12 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

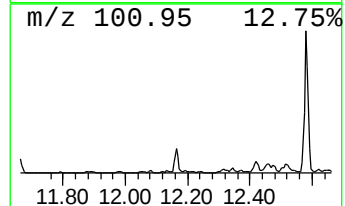
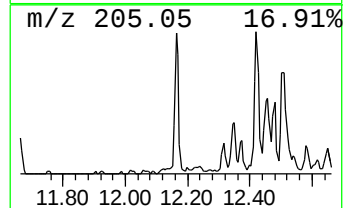
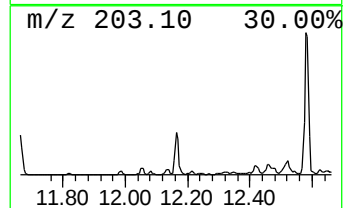
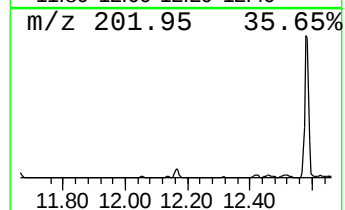
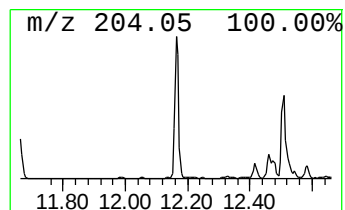
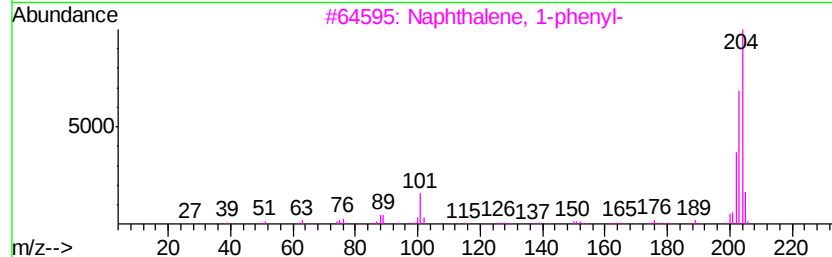
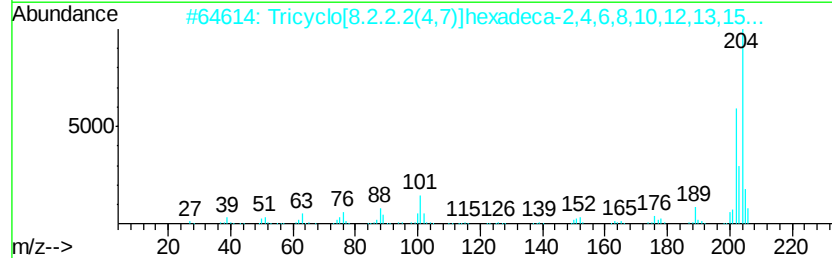
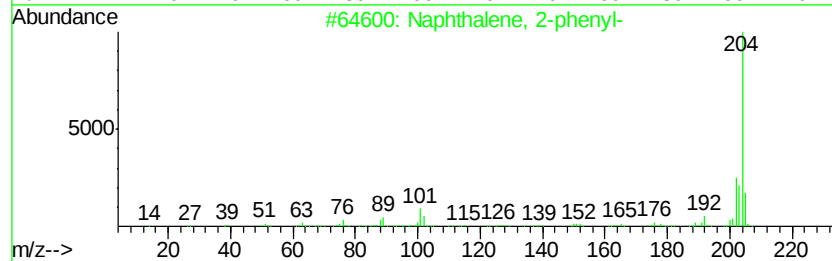
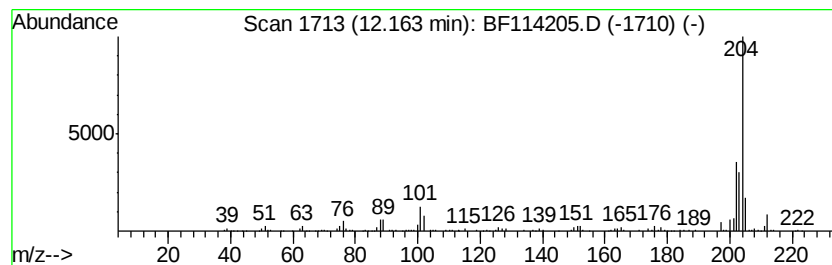
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.16	3.53 ng	351299	Phenanthrene-d10	11.37	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	58
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114205.D
Acq On : 12 May 2019 20:50
Operator : JU/SJ
Sample : K2767-12 10X
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Instrument :
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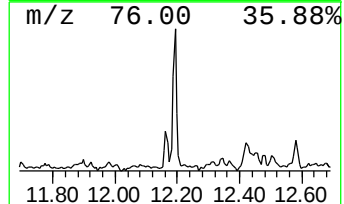
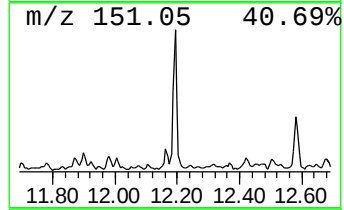
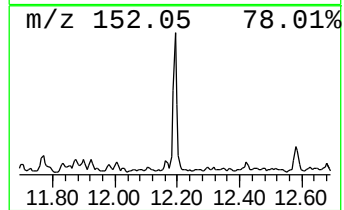
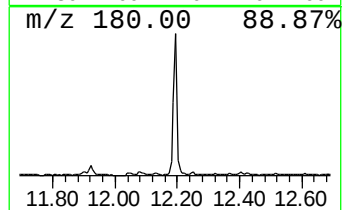
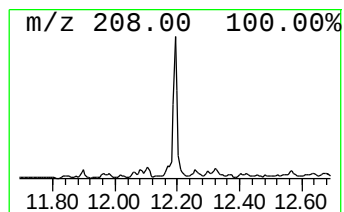
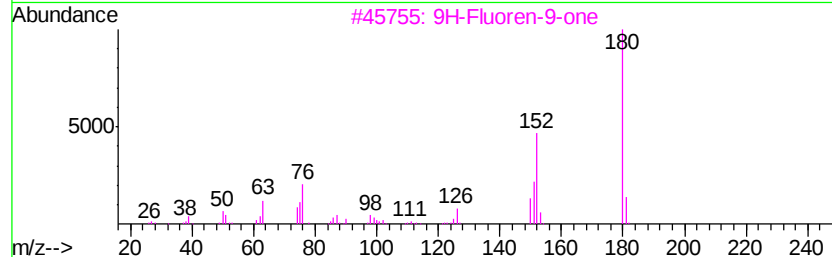
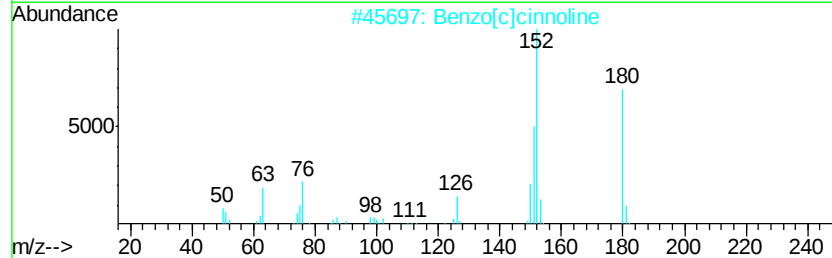
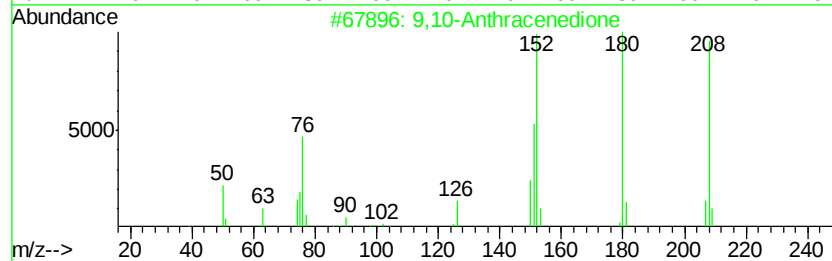
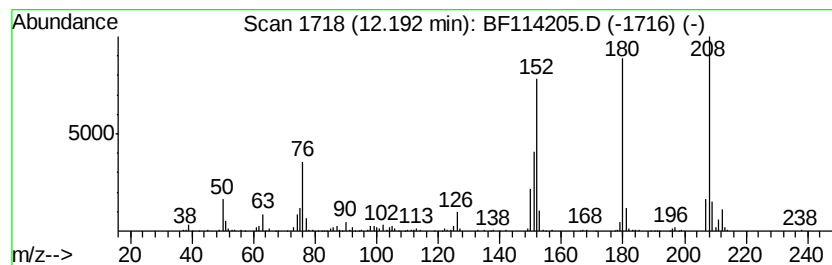
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	3.24 ng	321820	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
4		1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5		1,4-Anthracenedione	208	C14H8O2	000635-12-1	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114205.D
Acq On : 12 May 2019 20:50
Operator : JU/SJ
Sample : K2767-12 10X
Misc :
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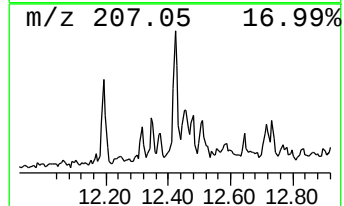
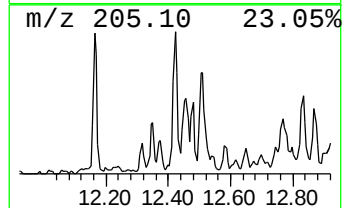
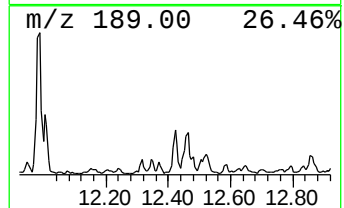
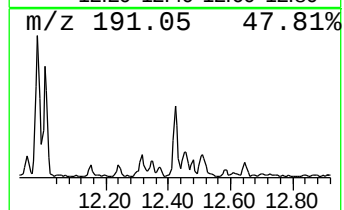
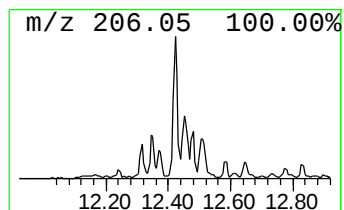
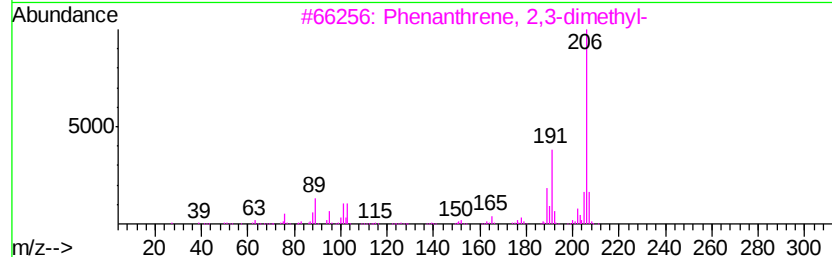
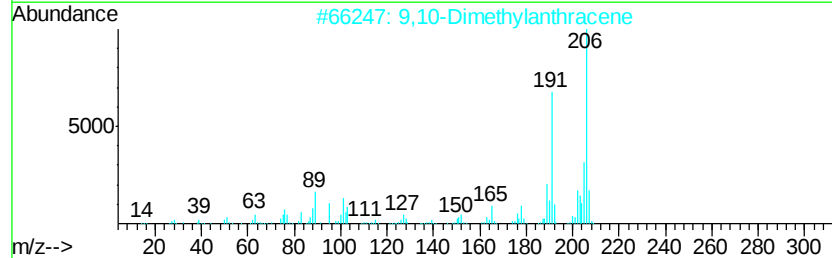
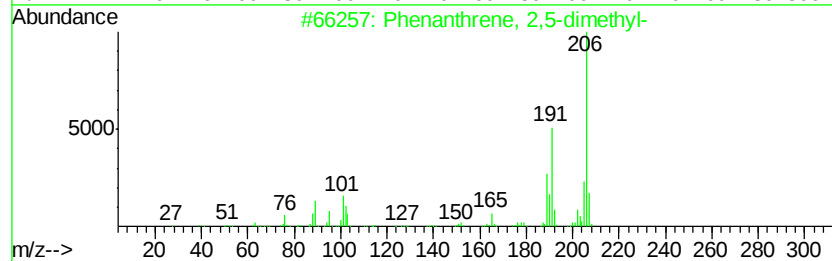
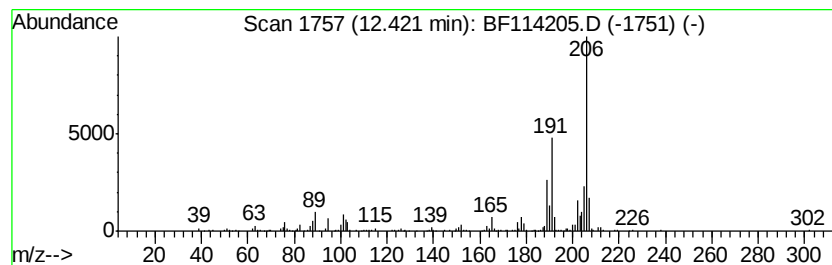
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.42	4.20 ng	417509	Phenanthrene-d10		11.37
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylantracene	206	C16H14	000781-43-1	96
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114205.D
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Misc :
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Instrument :
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ClientSampleId :
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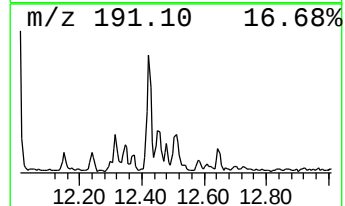
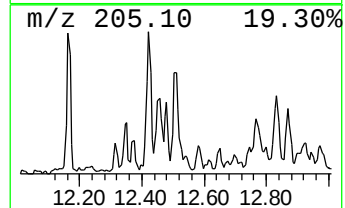
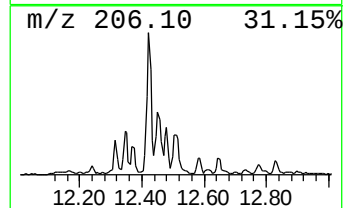
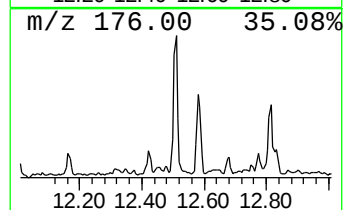
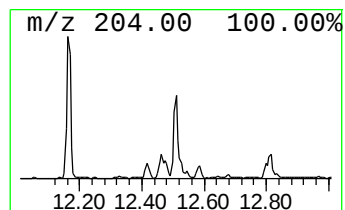
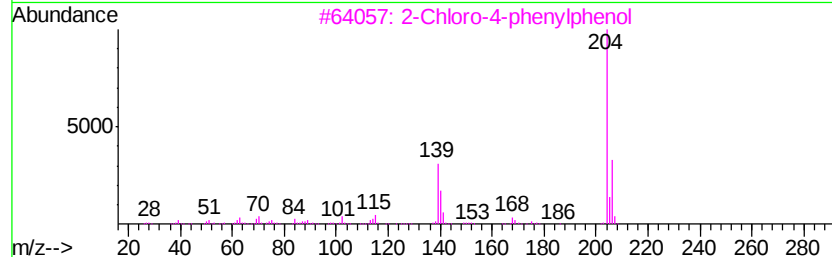
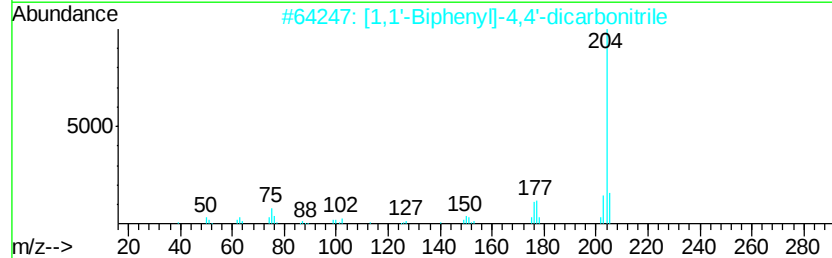
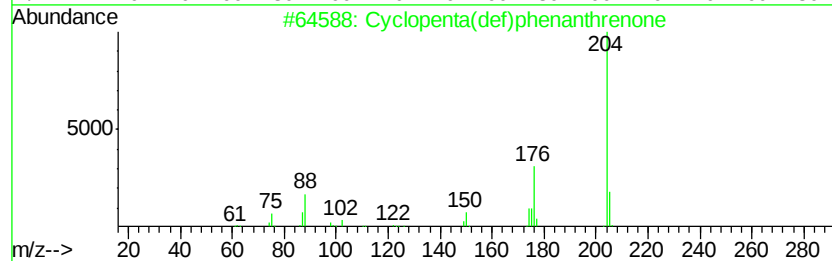
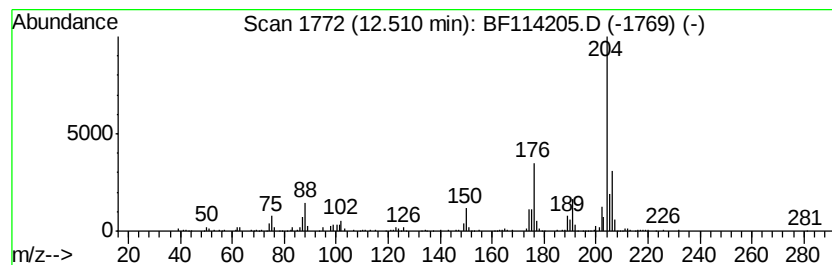
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	3.09 ng	307591	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
3		2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	49
4		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
5		Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
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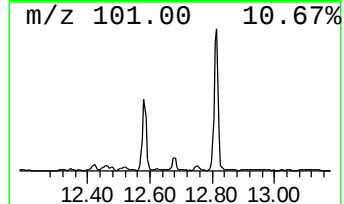
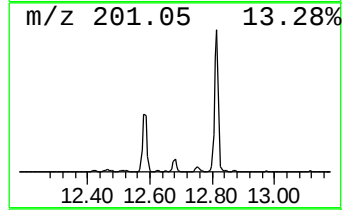
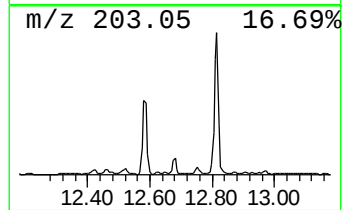
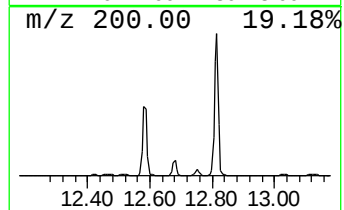
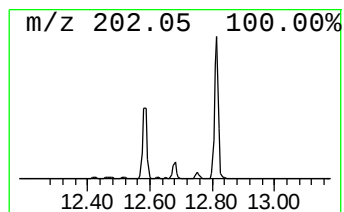
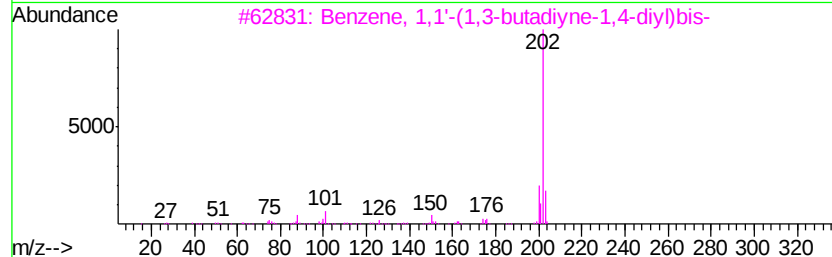
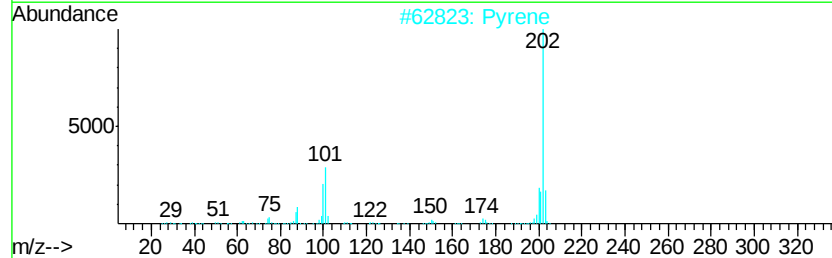
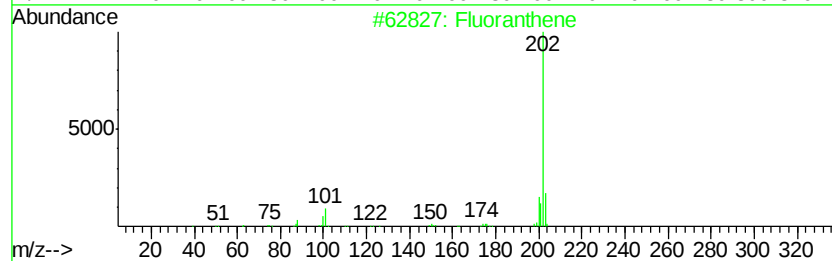
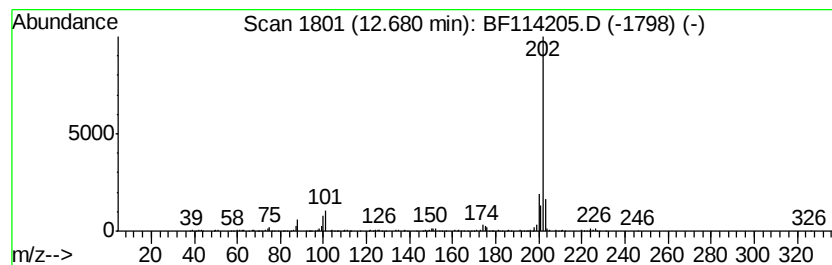
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	2.62 ng	260245	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene	202	C16H10	000206-44-0	95
2		Pyrene	202	C16H10	000129-00-0	81
3		Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	76
4		4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	52
5		1,4-Pentadiyn-3-one, 1,5-diphenyl-	230	C17H10O	015814-30-9	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114205.D
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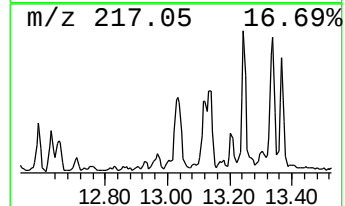
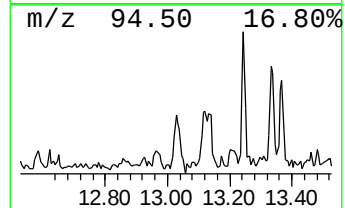
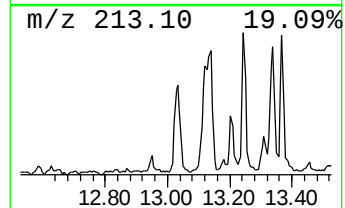
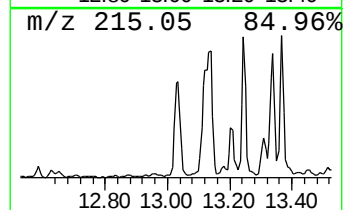
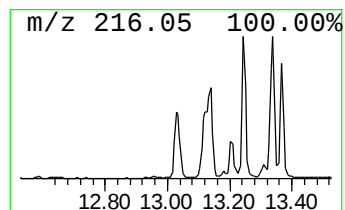
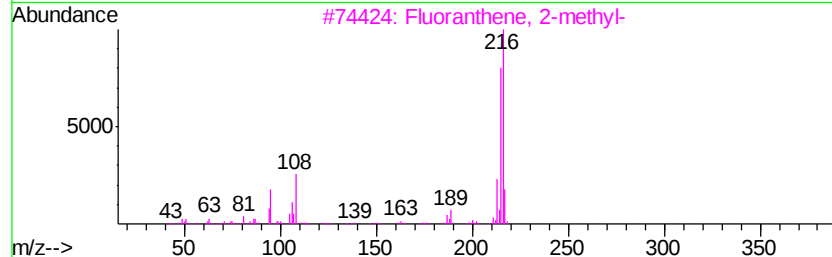
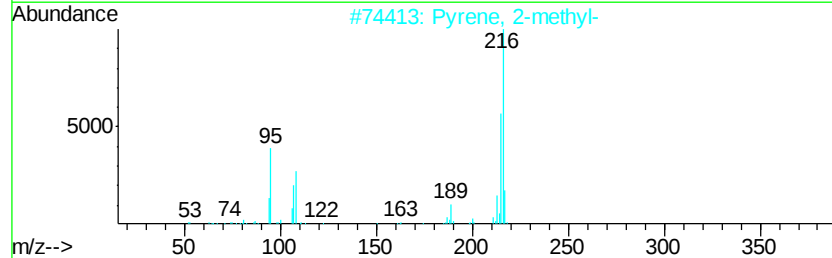
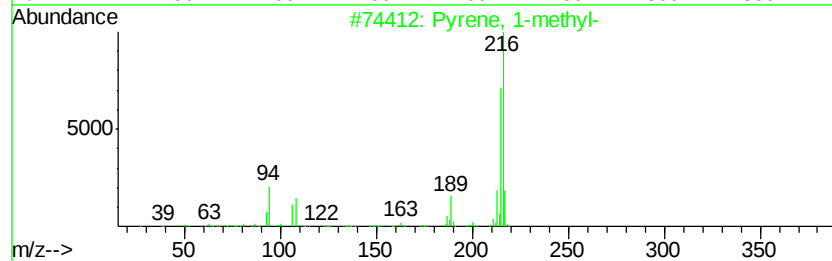
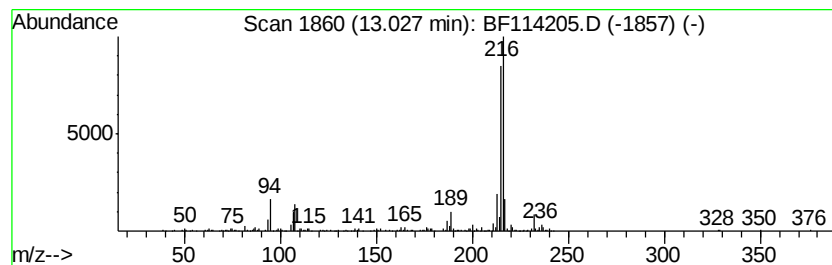
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	2.86 ng	422366	Chrysene-d12	14.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 94
2		Pyrene, 2-methyl-	216 C17H12	003442-78-2 93
3		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 93
4		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 90
5		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114205.D
Acq On : 12 May 2019 20:50
Operator : JU/SJ
Sample : K2767-12 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

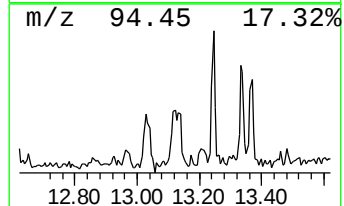
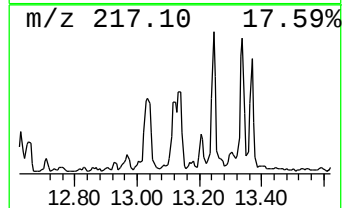
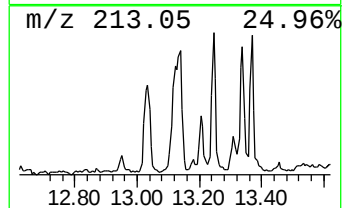
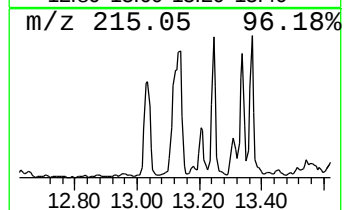
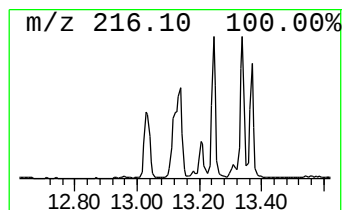
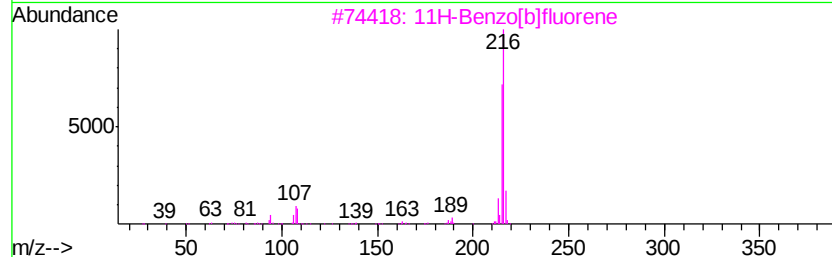
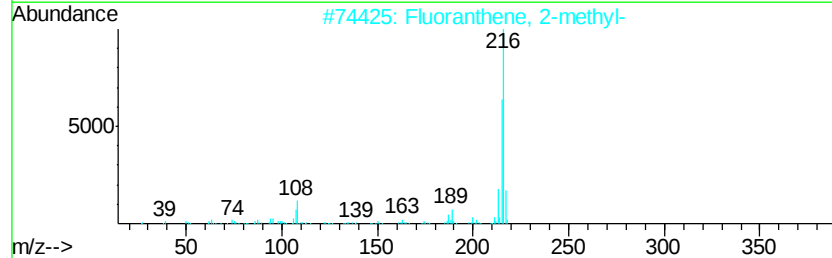
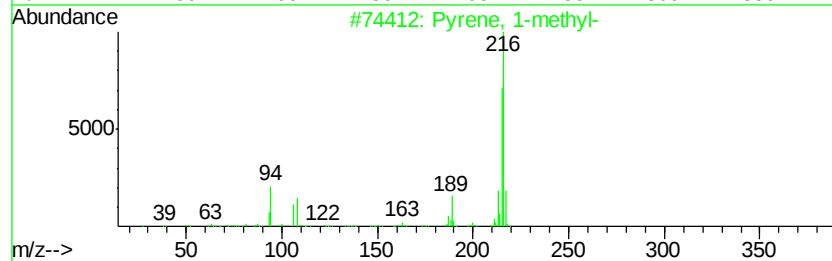
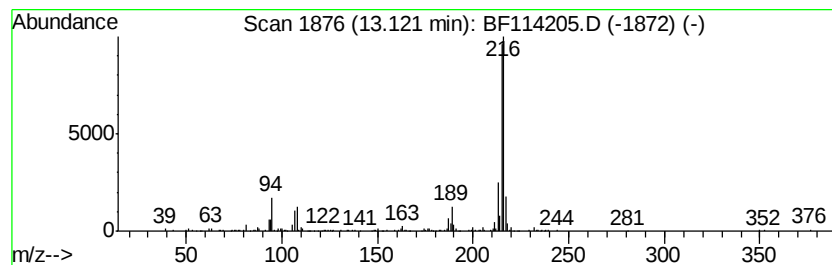
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	2.41 ng	356085	Chrysene-d12	14.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 93
2		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 90
3		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 87
4		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 74
5		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114205.D
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Sample : K2767-12 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

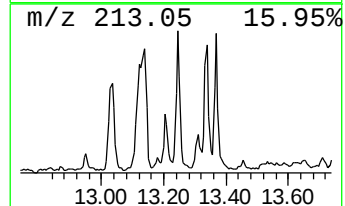
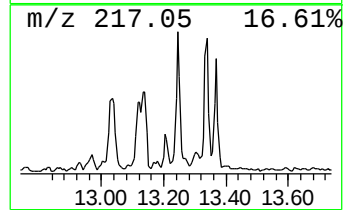
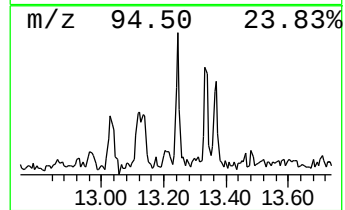
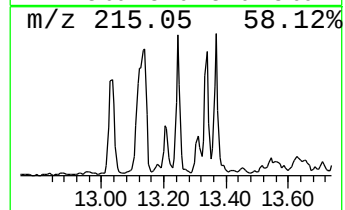
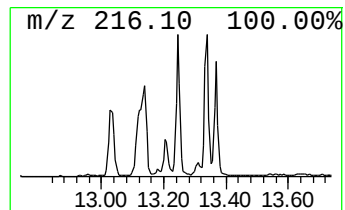
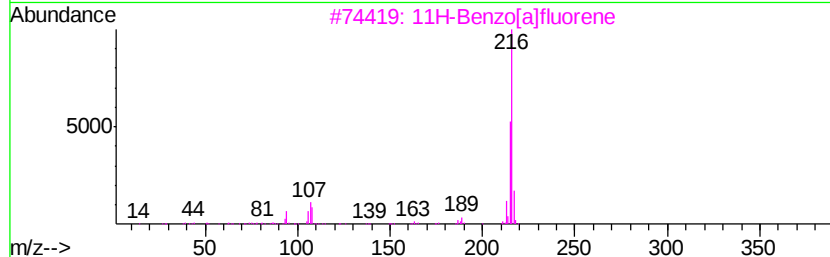
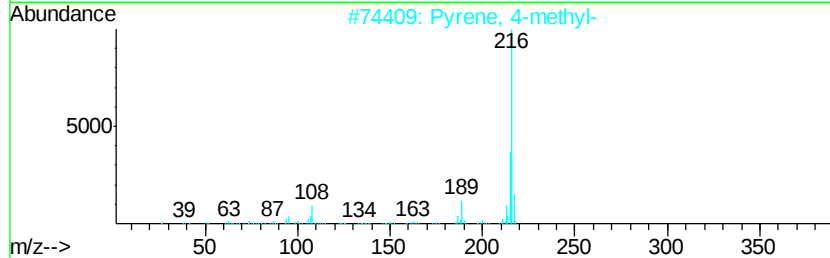
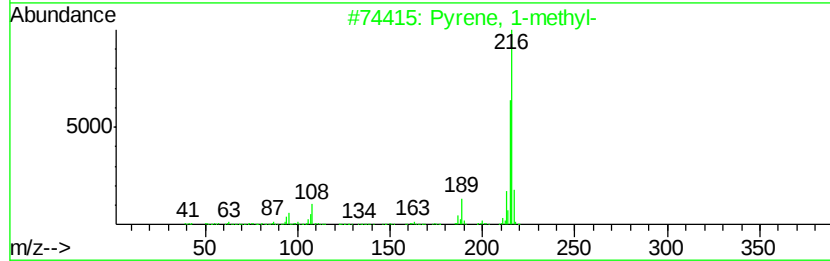
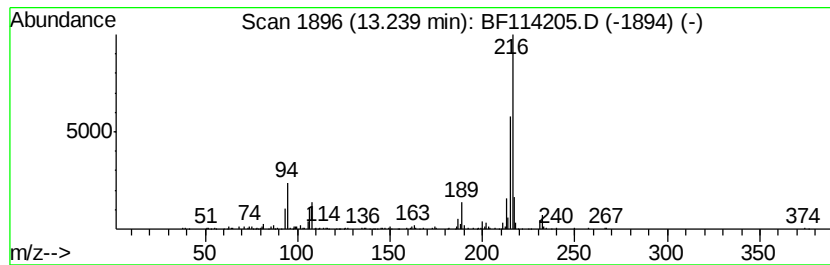
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pyrene, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	2.87 ng	424354	Chrysene-d12	14.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 96
2		Pyrene, 4-methyl-	216 C17H12	003353-12-6 96
3		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 94
4		Pyrene, 2-methyl-	216 C17H12	003442-78-2 93
5		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114205.D
Acq On : 12 May 2019 20:50
Operator : JU/SJ
Sample : K2767-12 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P026-SS012-0002-01DL

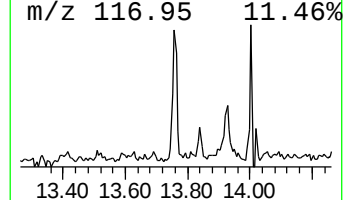
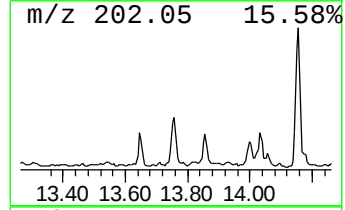
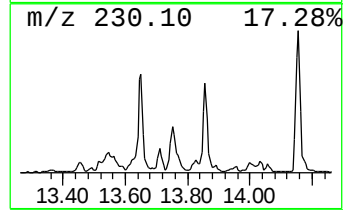
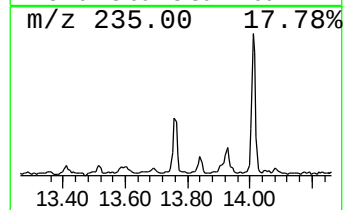
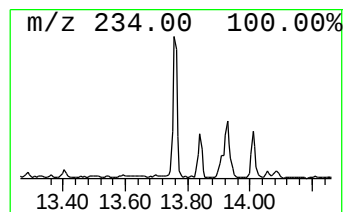
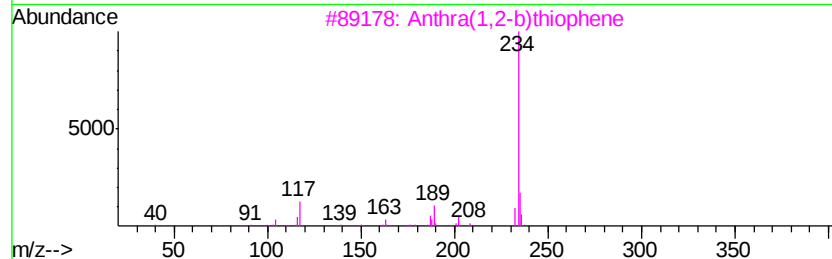
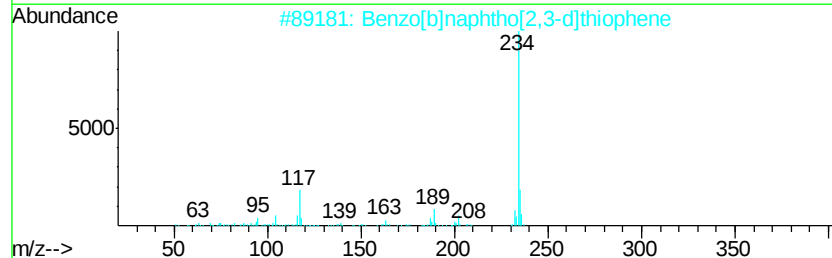
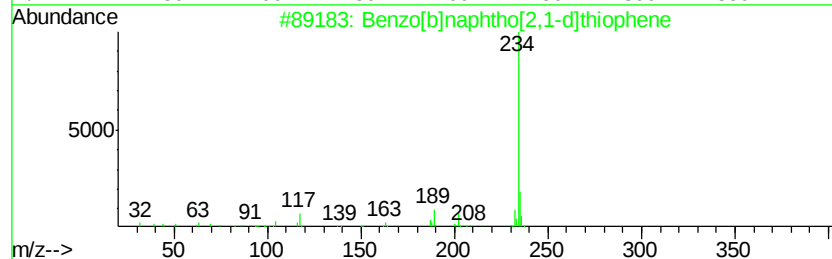
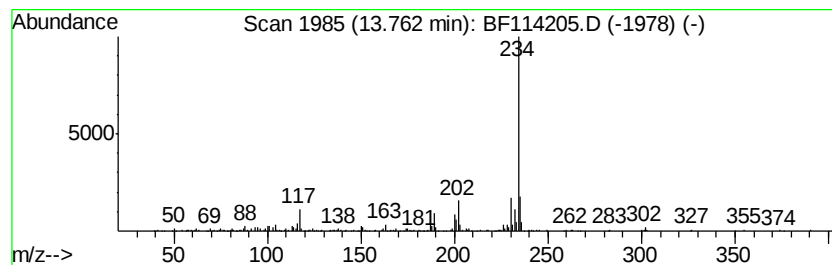
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	2.59 ng	383147	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
2		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
3		Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	46
4		Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	38
5		Benzo[b]1,4-dioxan-2-ol, 2-(2-th...	234	C12H10O3S	312614-85-0	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
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Sample : K2767-12 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

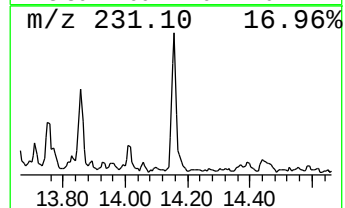
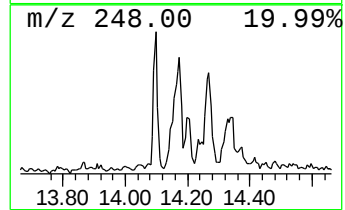
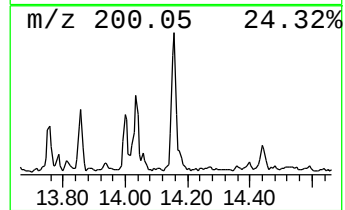
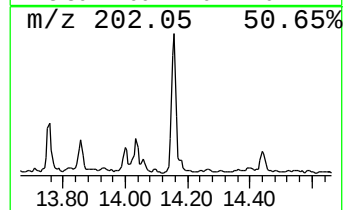
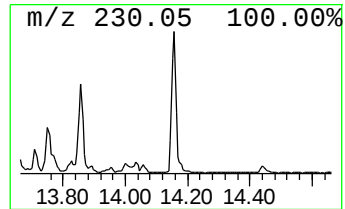
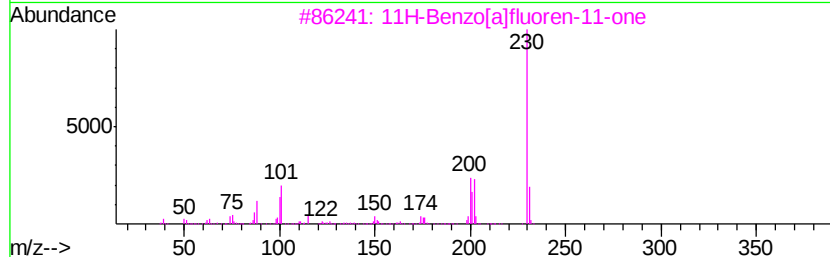
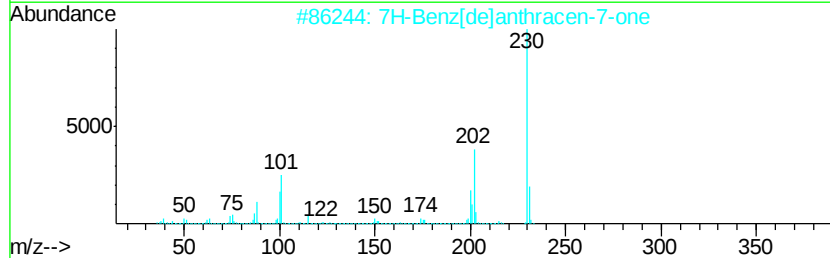
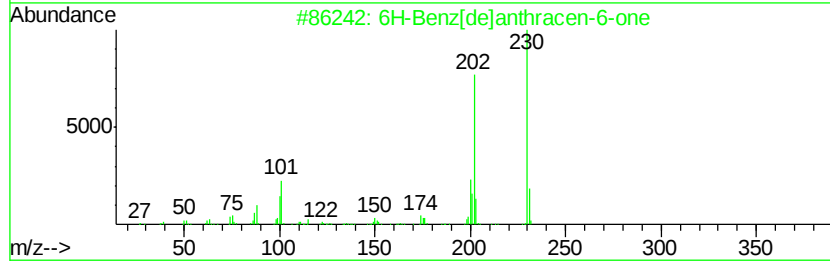
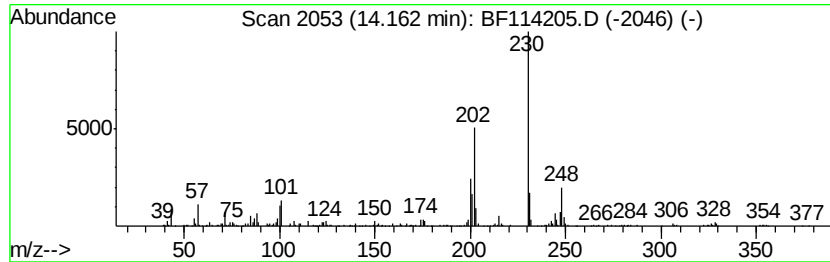
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 6H-Benz[de]anthracen-6-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.16	3.87 ng	571854	Chrysene-d12		14.01
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	98
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	97
3	11H-Benzo[al]fluoren-11-one	230	C17H10O	000479-79-8	97
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	90
5	Fluoranthene	202	C16H10	000206-44-0	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114205.D
Acq On : 12 May 2019 20:50
Operator : JU/SJ
Sample : K2767-12 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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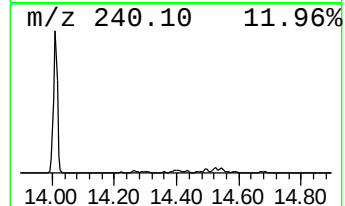
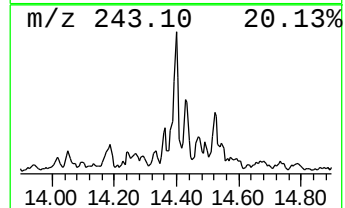
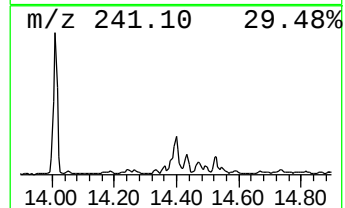
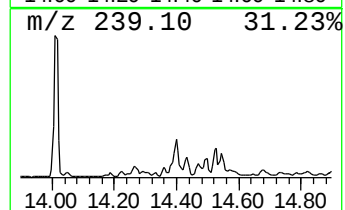
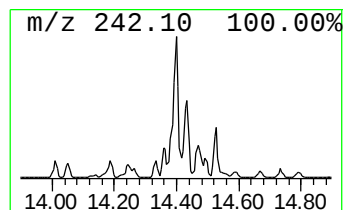
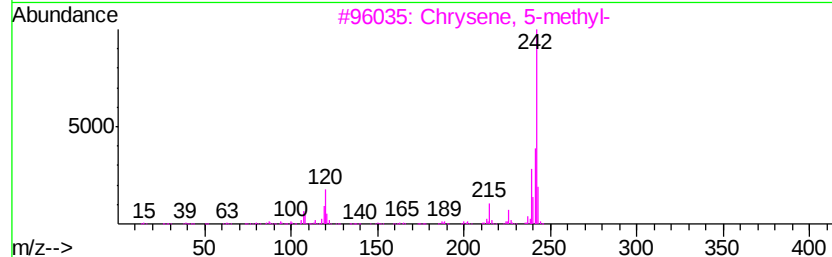
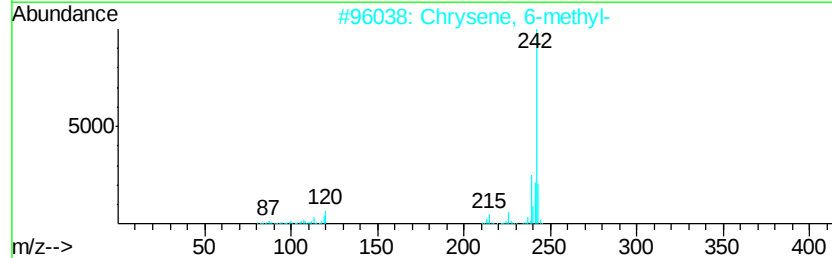
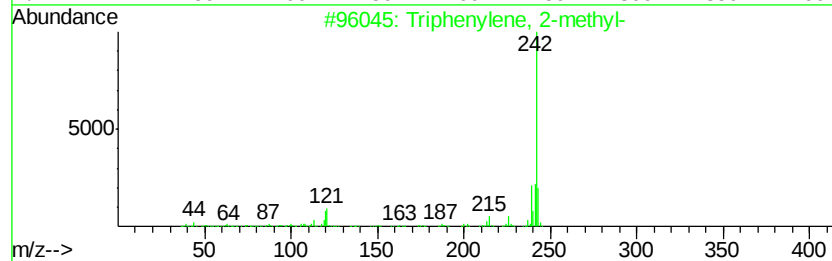
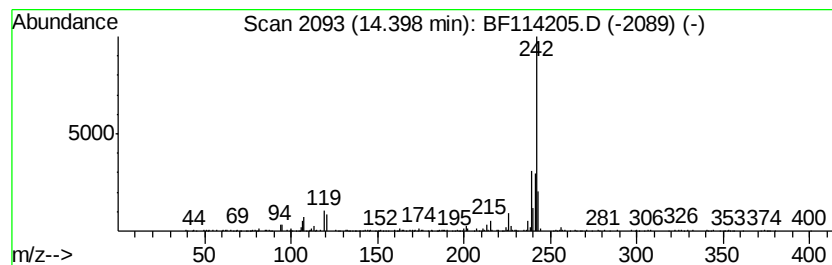
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Triphenylene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	2.60 ng	383652	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90
2		Chrysene, 6-methyl-	242	C19H14	001705-85-7	90
3		Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
4		Chrysene, 1-methyl-	242	C19H14	003351-28-8	89
5		Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
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Misc :
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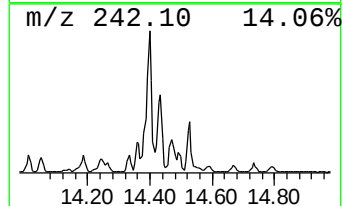
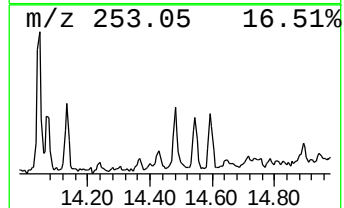
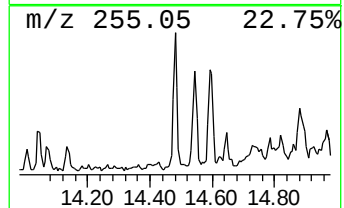
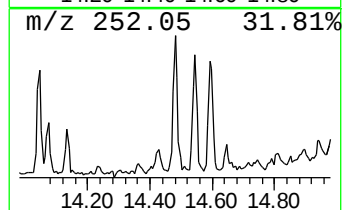
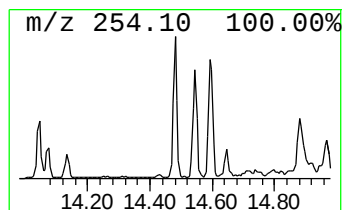
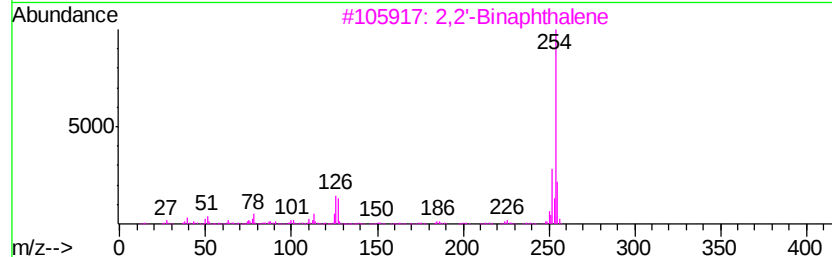
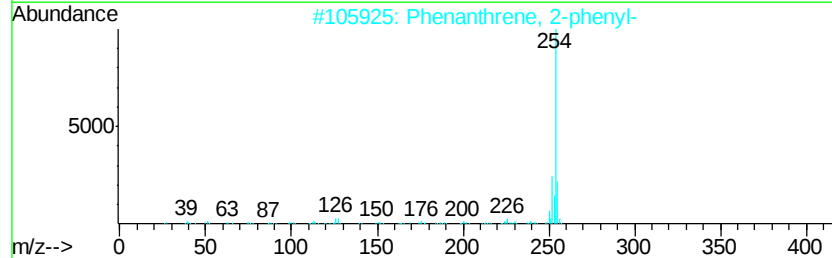
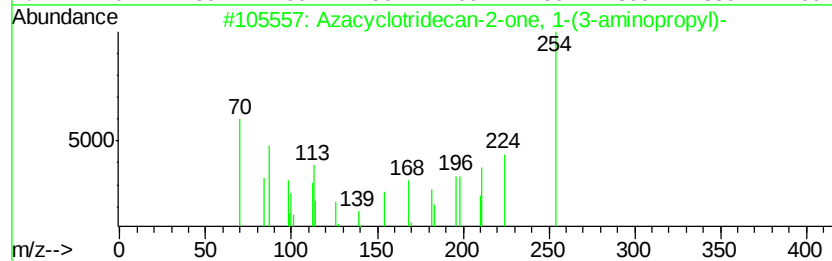
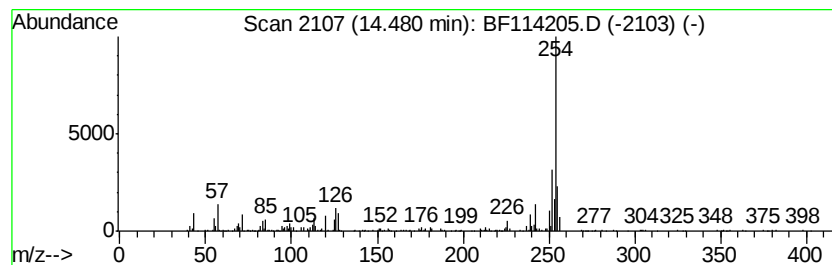
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Azacyclotridecan-2-one, 1-(... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.48	2.71 ng	400464	Chrysene-d12	14.01		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Azacyclotridecan-2-one, 1-(3-ami...	254	C15H30N2O	064414-61-5	95
2		Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	76
3		2,2'-Binaphthalene	254	C20H14	000612-78-2	76
4		9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	64
5		Anthracene, 9-phenyl-	254	C20H14	000602-55-1	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114205.D
Acq On : 12 May 2019 20:50
Operator : JU/SJ
Sample : K2767-12 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P026-SS012-0002-01DL

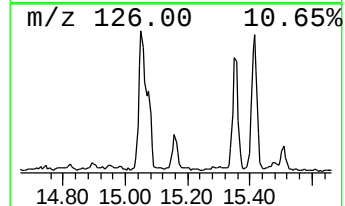
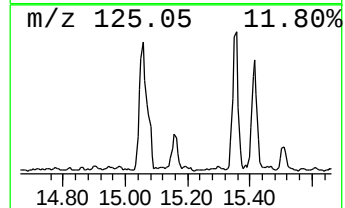
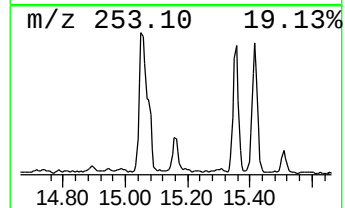
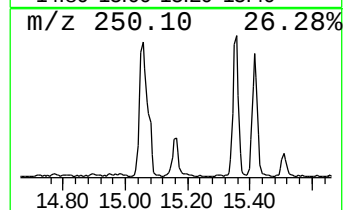
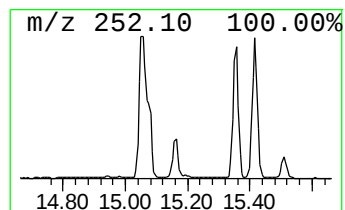
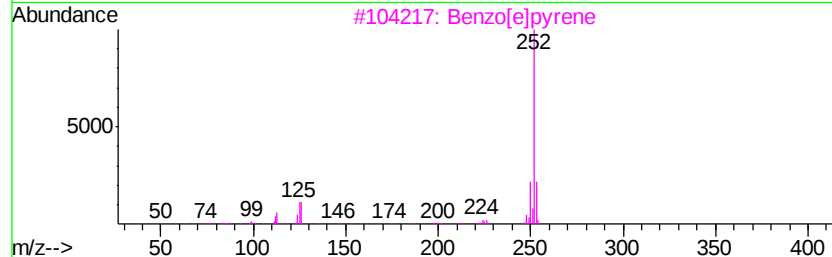
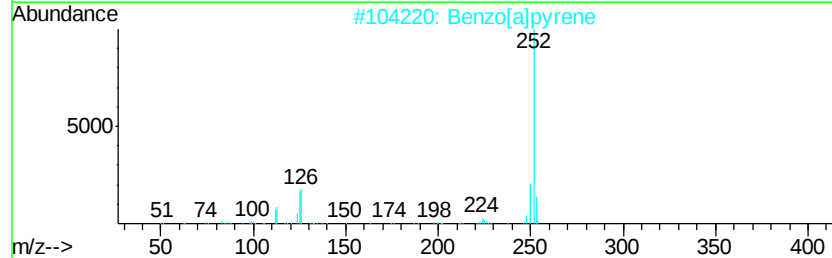
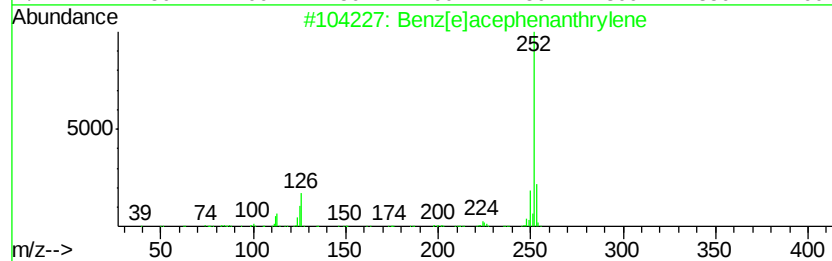
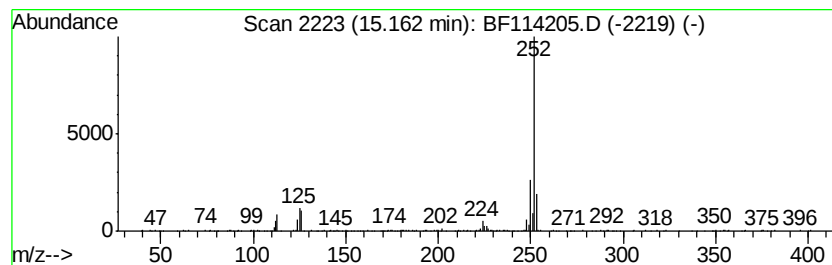
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown15.16 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	2.70 ng	227812	Perylene-d12	15.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
2			Benzo[a]pyrene	252	C20H12	000050-32-8	93
3			Benzo[e]pyrene	252	C20H12	000192-97-2	91
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5			Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114205.D
Acq On : 12 May 2019 20:50
Operator : JU/SJ
Sample : K2767-12 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01DL

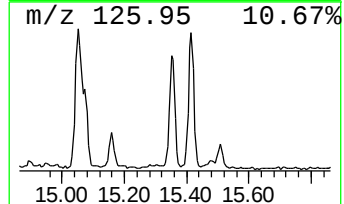
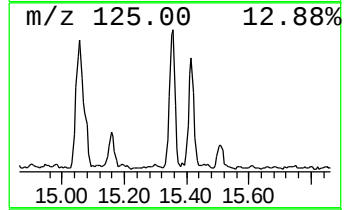
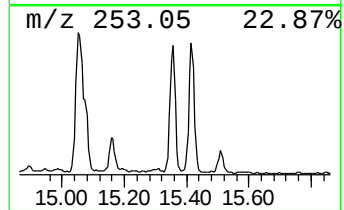
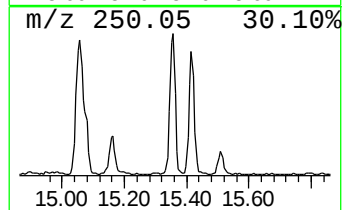
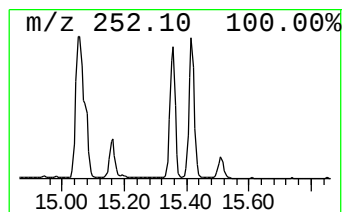
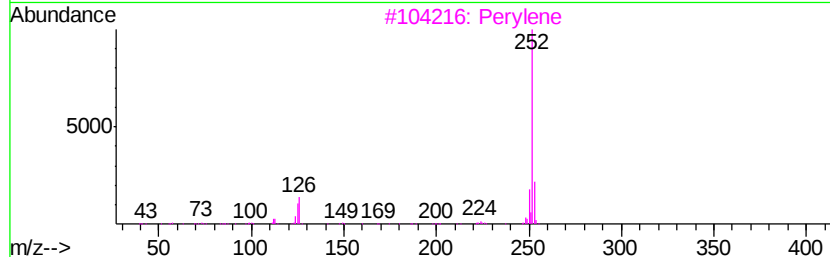
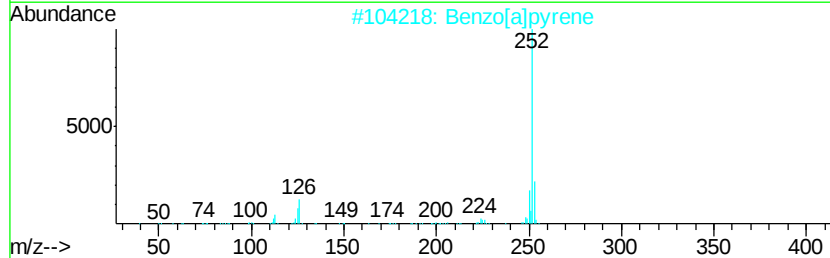
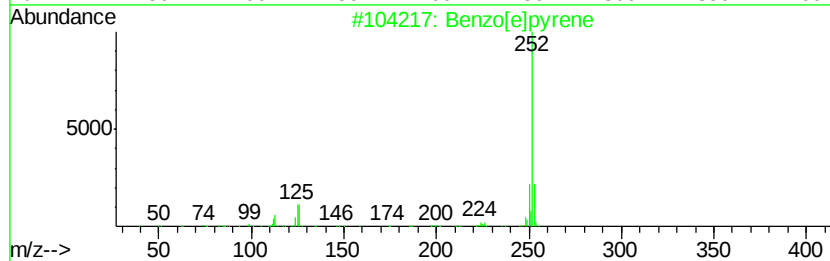
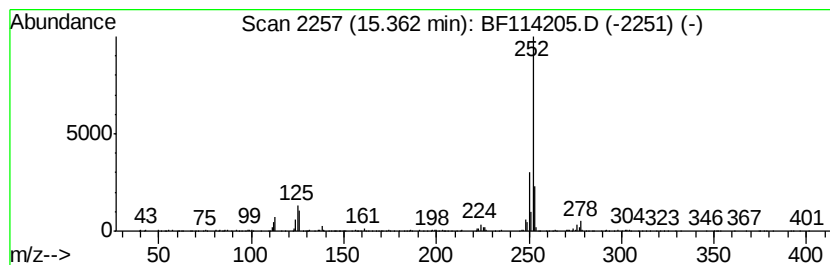
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	9.97 ng	842361	Perylene-d12	15.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[a]pyrene	252	C20H12	000050-32-8	97
3			Perylene	252	C20H12	000198-55-0	96
4			Benzo[il]fluoranthene	252	C20H12	000205-82-3	95
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051219\
 Data File : BF114205.D
 Acq On : 12 May 2019 20:50
 Operator : JU/SJ
 Sample : K2767-12 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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
unknown6.62	6.62	8.1 ng		627536	1	6.85	1554050	20.0
Phenanthrene, 2-m...	11.87	3.8 ng		380372	4	11.37	1988870	20.0
Phenanthrene, 1-m...	11.90	4.2 ng		417853	4	11.37	1988870	20.0
Anthracene, 2-met...	11.98	5.8 ng		571491	4	11.37	1988870	20.0
Naphthalene, 2-ph...	12.16	3.5 ng		351299	4	11.37	1988870	20.0
9,10-Anthracenedione	12.19	3.2 ng		321820	4	11.37	1988870	20.0
Phenanthrene, 2,5...	12.42	4.2 ng		417509	4	11.37	1988870	20.0
Cyclopenta(def)ph...	12.51	3.1 ng		307591	4	11.37	1988870	20.0
Benzene, 1,1'-(1,...	12.68	2.6 ng		260245	4	11.37	1988870	20.0
Pyrene, 1-methyl-	13.03	2.9 ng		422366	5	14.01	2955650	20.0
Fluoranthene, 2-m...	13.12	2.4 ng		356085	5	14.01	2955650	20.0
Pyrene, 4-methyl-	13.24	2.9 ng		424354	5	14.01	2955650	20.0
Benzo[b]naphtho[2...	13.76	2.6 ng		383147	5	14.01	2955650	20.0
6H-Benz[de]anthra...	14.16	3.9 ng		571854	5	14.01	2955650	20.0
Triphenylene, 2-m...	14.40	2.6 ng		383652	5	14.01	2955650	20.0
Azacyclotridecan-...	14.48	2.7 ng		400464	5	14.01	2955650	20.0
unknown15.16	15.16	2.7 ng		227812	6	15.48	1689020	20.0
Benzo[e]pyrene	15.36	10.0 ng		842361	6	15.48	1689020	20.0