

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021819\
 Data File : BF112606.D
 Acq On : 18 Feb 2019 17:39
 Operator : JU/SJ
 Sample : K1518-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-2

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-BF012519.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	5.022	496	499	515	rBV	37061	53238	1.75%	0.137%
2	5.451	569	572	587	rBV	892063	1087163	35.77%	2.801%
3	6.475	742	746	764	rBV	968036	1231832	40.53%	3.173%
4	6.598	764	767	775	rVV	1449337	1296062	42.64%	3.339%
5	6.822	802	805	812	rBV	370435	317542	10.45%	0.818%
6	6.981	828	832	847	rBV	980423	975167	32.08%	2.512%
7	7.386	897	901	920	rBV	765055	786203	25.87%	2.025%
8	8.104	1020	1023	1041	rVB	416029	460057	15.14%	1.185%
9	9.175	1202	1205	1216	rBV	1600580	1389112	45.70%	3.579%
10	9.522	1260	1264	1267	rBV	52795	55275	1.82%	0.142%
11	9.575	1270	1273	1280	rVB	79180	76705	2.52%	0.198%
12	9.722	1295	1298	1304	rVV	70806	61172	2.01%	0.158%
13	9.857	1318	1321	1325	rBV	533820	497002	16.35%	1.280%
14	9.892	1325	1327	1331	rVB	122755	100485	3.31%	0.259%
15	10.069	1352	1357	1360	rBV2	76245	81064	2.67%	0.209%
16	10.410	1411	1415	1420	rBV	157829	148153	4.87%	0.382%
17	10.569	1440	1442	1445	rVB2	55614	51608	1.70%	0.133%
18	10.657	1453	1457	1463	rBV	1171631	1164820	38.32%	3.001%
19	10.957	1501	1508	1511	rBV3	66034	96135	3.16%	0.248%
20	10.986	1511	1513	1516	rVV2	47746	46140	1.52%	0.119%
21	11.086	1525	1530	1532	rBV3	51083	66106	2.17%	0.170%
22	11.110	1532	1534	1540	rVV2	54851	63634	2.09%	0.164%
23	11.163	1540	1543	1546	rVV	92500	90069	2.96%	0.232%
24	11.198	1546	1549	1553	rVV2	72795	85653	2.82%	0.221%
25	11.245	1554	1557	1562	rVB	128293	120748	3.97%	0.311%
26	11.351	1571	1575	1577	rBV	670449	626990	20.63%	1.615%
27	11.374	1577	1579	1583	rVV	2133232	1982579	65.23%	5.107%
28	11.427	1585	1588	1591	rVV	507638	444519	14.63%	1.145%
29	11.469	1593	1595	1599	rVB2	36180	42646	1.40%	0.110%
30	11.586	1610	1615	1620	rBV2	152648	193652	6.37%	0.499%
31	11.639	1620	1624	1626	rVB2	59042	69565	2.29%	0.179%
32	11.680	1626	1631	1637	rVB2	64142	100059	3.29%	0.258%
33	11.763	1641	1645	1648	rVB2	38914	50553	1.66%	0.130%
34	11.816	1648	1654	1657	rBV3	30078	50414	1.66%	0.130%

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35	11.851	1657	1660	1662	rVV	384021	357184	11.75%	0.920%
36	11.880	1662	1665	1670	rVV2	519568	616723	20.29%	1.589%
37	11.927	1670	1673	1676	rVV	154651	143495	4.72%	0.370%
38	11.963	1676	1679	1682	rVV2	489420	570880	18.78%	1.471%
39	11.986	1682	1683	1688	rVB	278026	194506	6.40%	0.501%
40	12.033	1688	1691	1693	rBV2	48417	49832	1.64%	0.128%
41	12.145	1707	1710	1713	rBV	250751	217872	7.17%	0.561%
42	12.186	1714	1717	1720	rVB	225033	194537	6.40%	0.501%
43	12.292	1730	1735	1739	rBV2	98869	145167	4.78%	0.374%
44	12.327	1739	1741	1743	rVV	78135	60472	1.99%	0.156%
45	12.357	1743	1746	1749	rVB	69342	66092	2.17%	0.170%
46	12.404	1750	1754	1756	rBV	251384	239284	7.87%	0.616%
47	12.445	1756	1761	1762	rVV3	102440	152027	5.00%	0.392%
48	12.463	1762	1764	1766	rVB	86051	63654	2.09%	0.164%
49	12.504	1766	1771	1774	rBV2	158807	194243	6.39%	0.500%
50	12.574	1778	1783	1786	rBV	3114258	3039445	100.00%	7.830%
51	12.604	1786	1788	1790	rVV	56129	43651	1.44%	0.112%
52	12.633	1790	1793	1795	rVV2	68976	68775	2.26%	0.177%
53	12.651	1795	1796	1804	rVB4	69358	87973	2.89%	0.227%
54	12.716	1804	1807	1810	rBV2	145152	156229	5.14%	0.402%
55	12.745	1810	1812	1815	rVB3	50661	43425	1.43%	0.112%
56	12.804	1815	1822	1825	rBV	2685239	2975908	97.91%	7.666%
57	12.851	1827	1830	1834	rVB2	143253	160761	5.29%	0.414%
58	12.927	1836	1843	1847	rBV	1575620	1641977	54.02%	4.230%
59	12.963	1847	1849	1853	rVB	112148	121777	4.01%	0.314%
60	13.021	1853	1859	1863	rBV4	202769	357726	11.77%	0.922%
61	13.127	1870	1877	1880	rBV	380044	544165	17.90%	1.402%
62	13.192	1885	1888	1891	rVV	221441	195598	6.44%	0.504%
63	13.233	1891	1895	1899	rVV2	258736	313083	10.30%	0.807%
64	13.286	1902	1904	1907	rVB3	56095	48249	1.59%	0.124%
65	13.327	1907	1911	1913	rBV	151021	150614	4.96%	0.388%
66	13.357	1913	1916	1919	rBV	158274	138013	4.54%	0.356%
67	13.551	1947	1949	1951	rVB	49677	40055	1.32%	0.103%
68	13.645	1962	1965	1971	rVB	251859	243891	8.02%	0.628%
69	13.698	1972	1974	1978	rVB	41430	40944	1.35%	0.105%
70	13.751	1978	1983	1985	rBV	298497	346600	11.40%	0.893%
71	13.768	1985	1986	1989	rVB	223455	156617	5.15%	0.403%

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72	13.815	1989	1994	1998	rBV3	308569	501201	16.49%	1.291%
73	13.857	1998	2001	2006	rVB2	247711	260323	8.56%	0.671%
74	13.915	2009	2011	2015	rVB	60173	56771	1.87%	0.146%
75	13.992	2018	2024	2028	rBV2	1369140	2039266	67.09%	5.253%
76	14.027	2028	2030	2033	rVB	1195989	963115	31.69%	2.481%
77	14.104	2041	2043	2046	rVB	139463	118958	3.91%	0.306%
78	14.133	2046	2048	2050	rBV	83429	58333	1.92%	0.150%
79	14.163	2050	2053	2057	rVV4	62663	100131	3.29%	0.258%
80	14.198	2057	2059	2061	rVV	63257	51410	1.69%	0.132%
81	14.233	2061	2065	2068	rVB2	106511	131460	4.33%	0.339%
82	14.351	2082	2085	2086	rBV2	62124	57102	1.88%	0.147%
83	14.386	2088	2091	2094	rVV	232687	224234	7.38%	0.578%
84	14.421	2094	2097	2098	rVV2	92064	72699	2.39%	0.187%
85	14.439	2098	2100	2102	rVV2	99678	91666	3.02%	0.236%
86	14.486	2106	2108	2111	rVB2	52461	39644	1.30%	0.102%
87	14.515	2111	2113	2115	rBV	109342	114287	3.76%	0.294%
88	14.715	2144	2147	2149	rBV2	100260	118852	3.91%	0.306%
89	14.739	2149	2151	2155	rVB2	160611	149509	4.92%	0.385%
90	14.810	2160	2163	2168	rVB2	166414	188011	6.19%	0.484%
91	14.886	2174	2176	2180	rVB	100004	102280	3.37%	0.263%
92	15.051	2199	2204	2206	rBV	920514	1332266	43.83%	3.432%
93	15.157	2218	2222	2226	rBV	156846	179973	5.92%	0.464%
94	15.351	2251	2255	2261	rVV	522264	590241	19.42%	1.521%
95	15.415	2262	2266	2273	rVV	704369	1024104	33.69%	2.638%
96	15.474	2273	2276	2279	rVV	324501	377607	12.42%	0.973%
97	15.504	2279	2281	2290	rVB	198554	271492	8.93%	0.699%
98	16.968	2522	2530	2536	rVB	381074	770707	25.36%	1.985%
99	17.133	2553	2558	2563	rBV2	78432	143159	4.71%	0.369%
100	17.421	2601	2607	2616	rVB	274585	545685	17.95%	1.406%

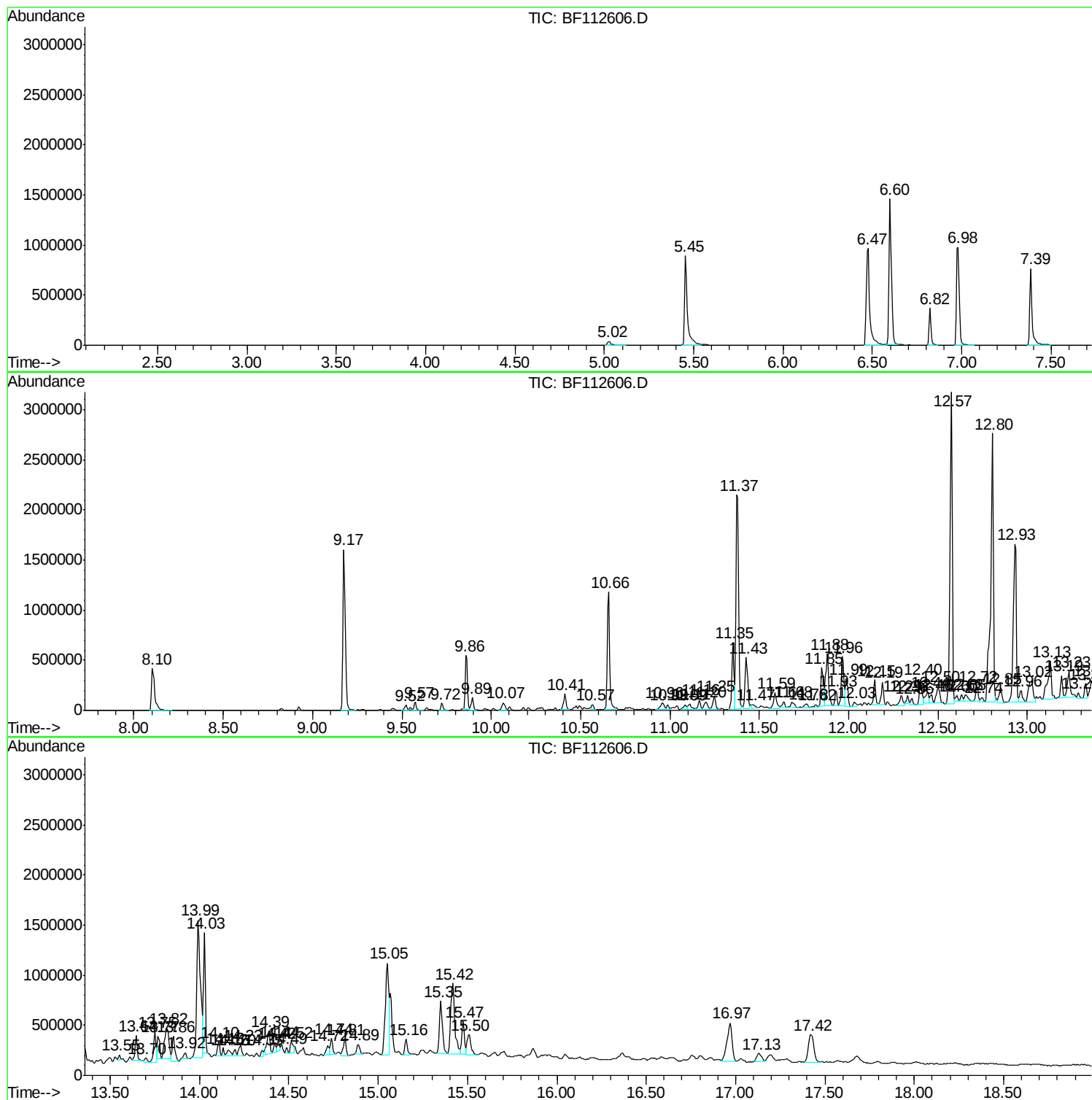
Sum of corrected areas: 38818052

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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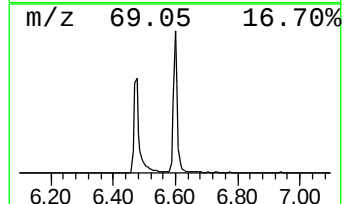
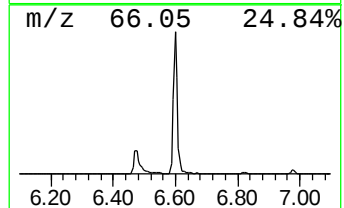
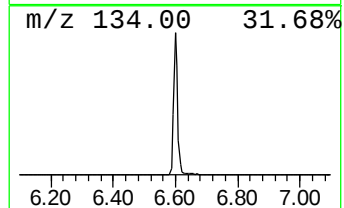
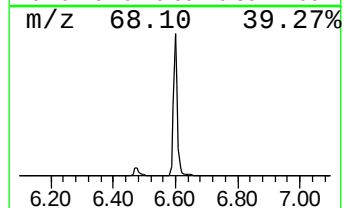
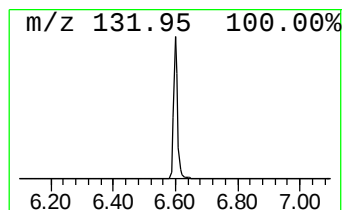
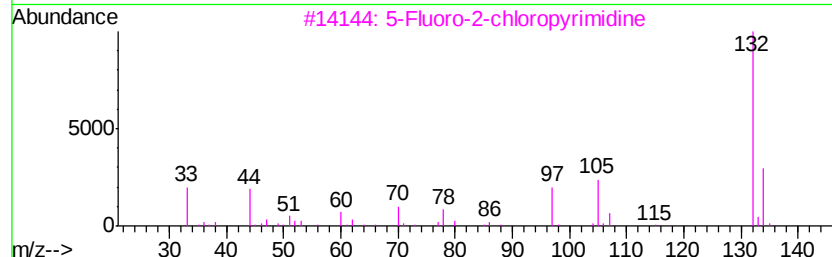
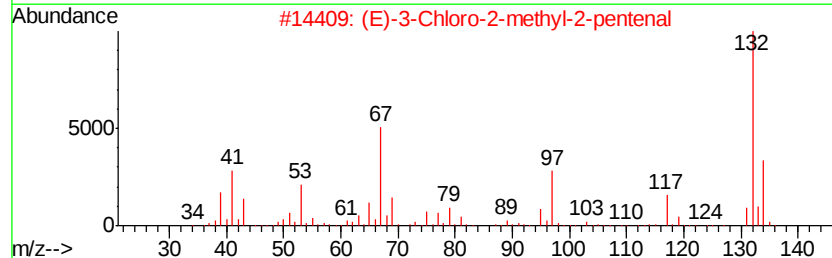
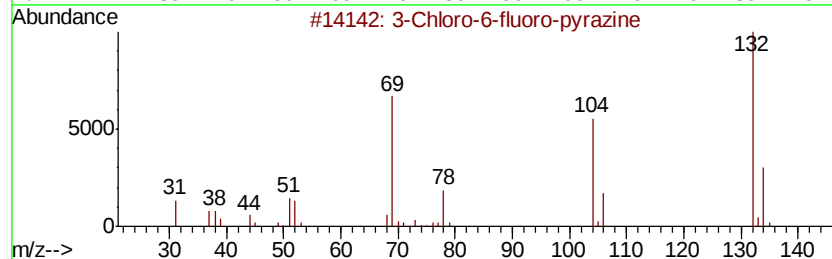
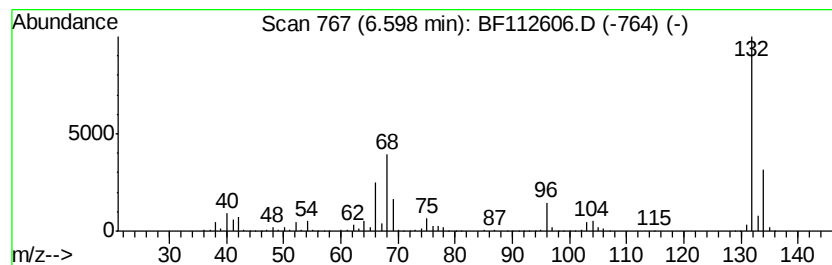
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	81.63 ng	1296060	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	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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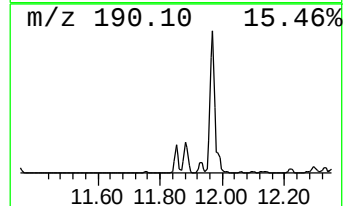
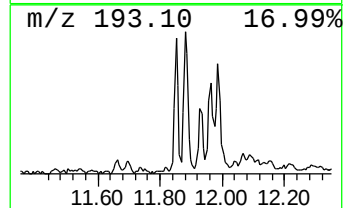
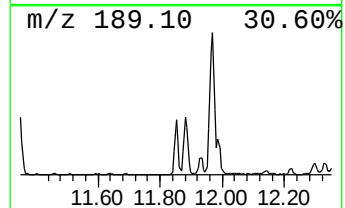
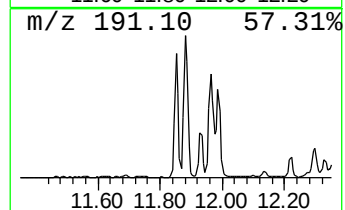
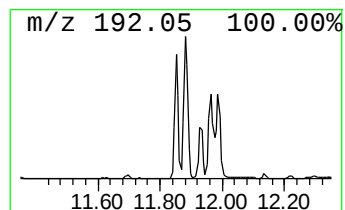
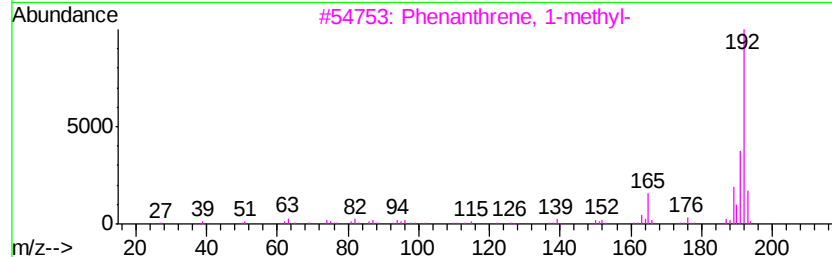
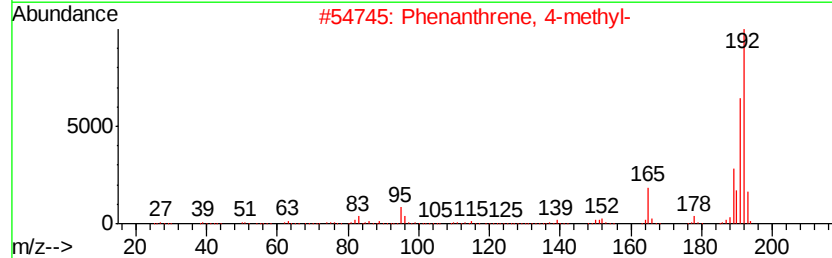
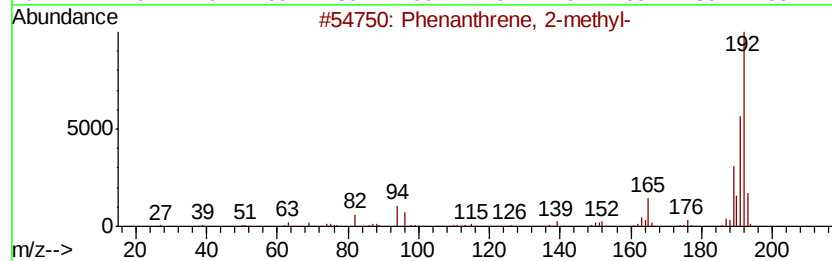
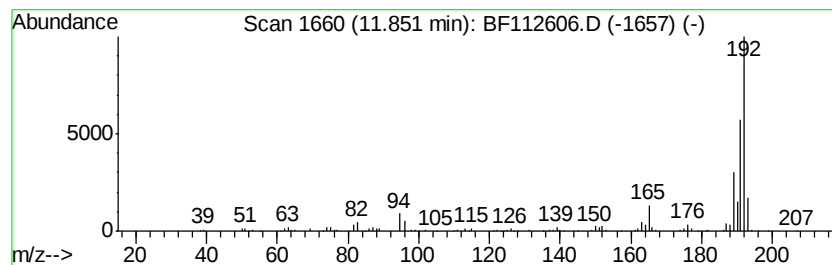
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.85	11.39 ng	357184	Phenanthrene-d10	11.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



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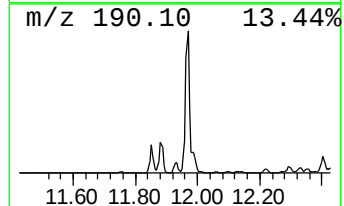
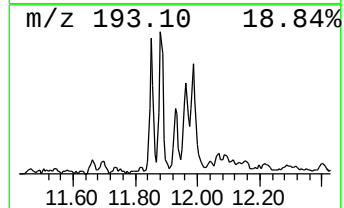
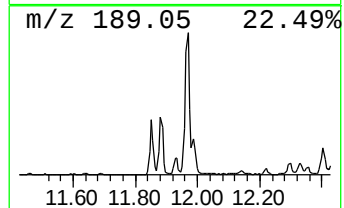
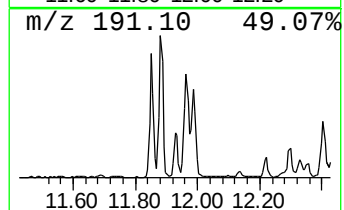
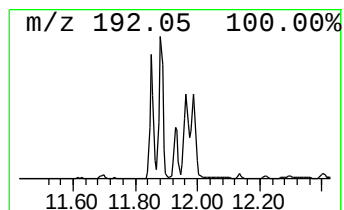
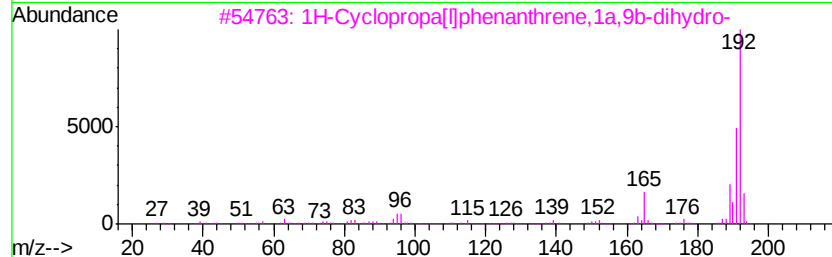
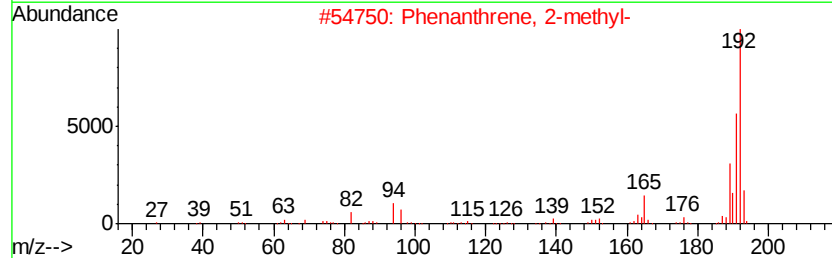
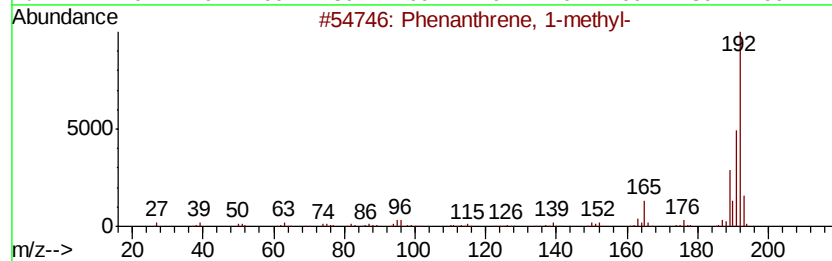
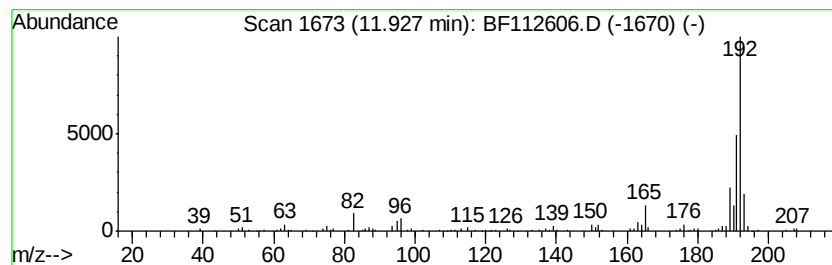
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.93	4.58 ng	143495	Phenanthrene-d10	11.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
Data File : BF112606.D
Acq On : 18 Feb 2019 17:39
Operator : JU/SJ
Sample : K1518-03
Misc :
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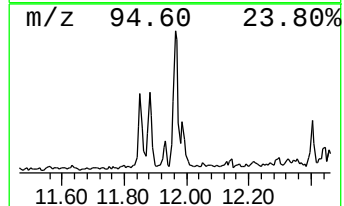
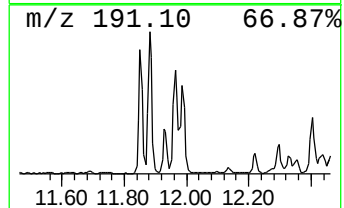
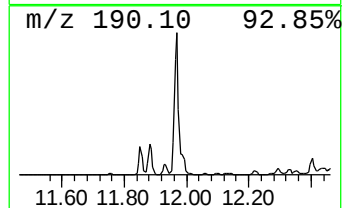
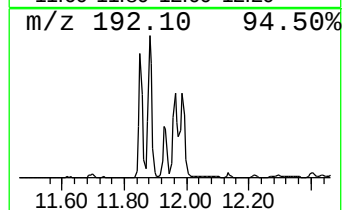
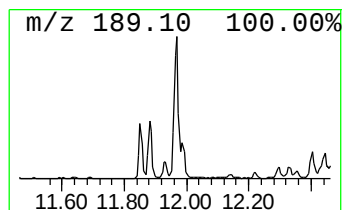
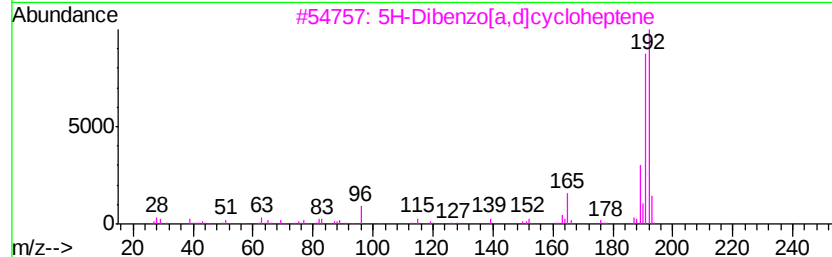
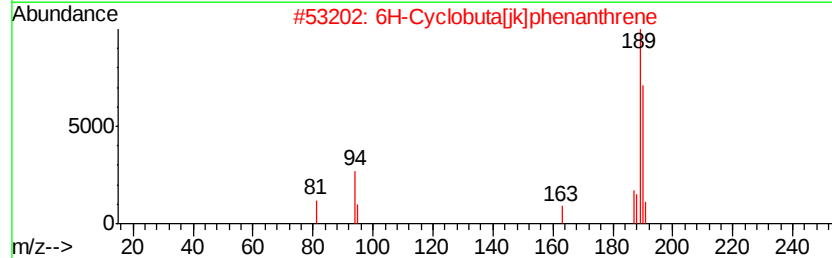
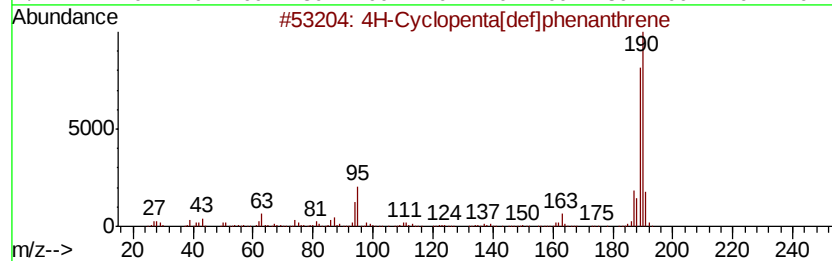
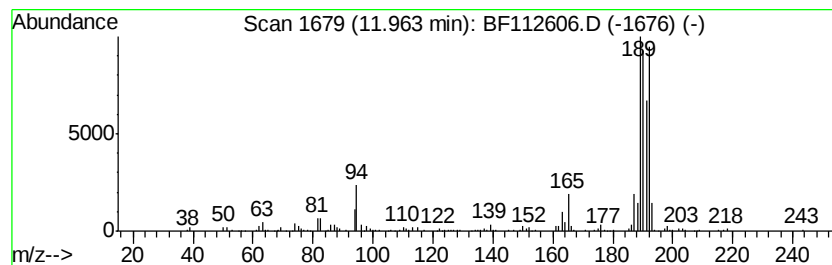
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.96	18.21 ng	570880	Phenanthrene-d10		11.35
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	49
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
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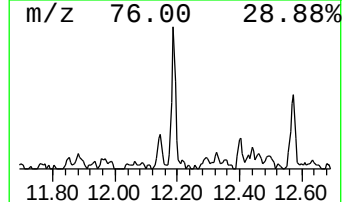
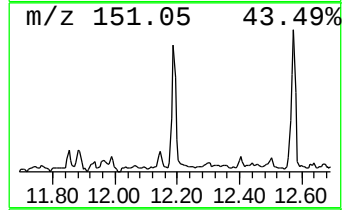
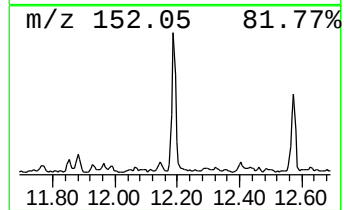
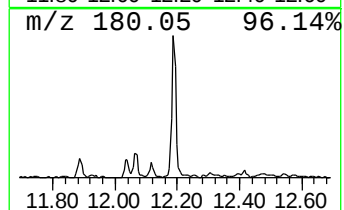
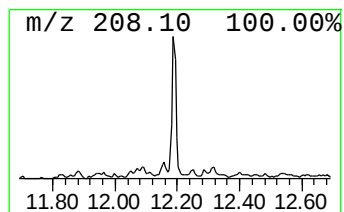
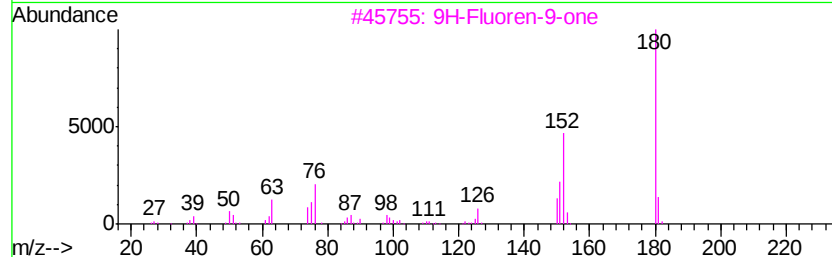
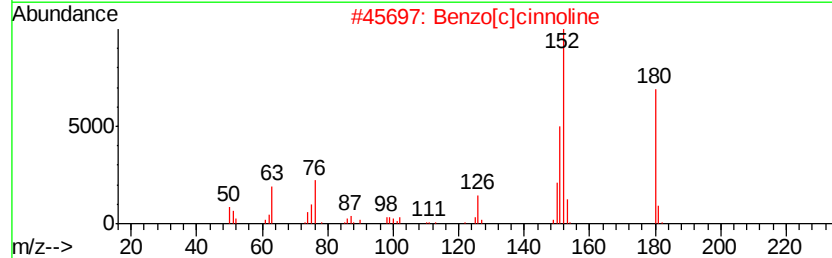
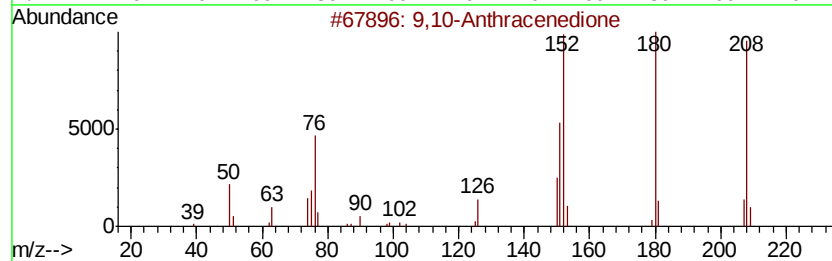
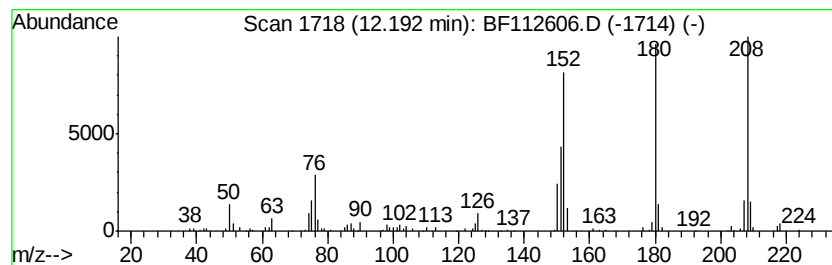
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	6.21 ng	194537	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
4		1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
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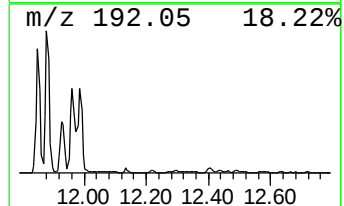
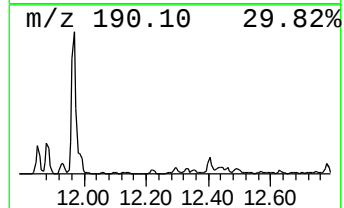
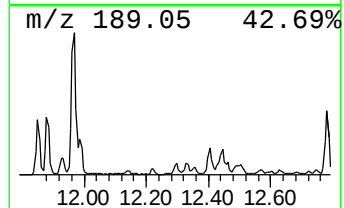
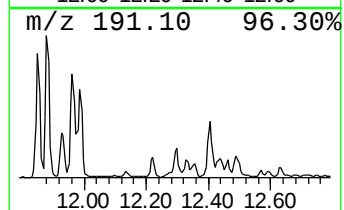
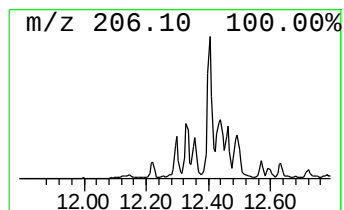
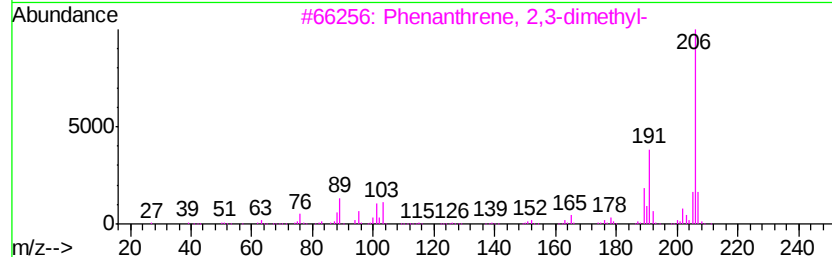
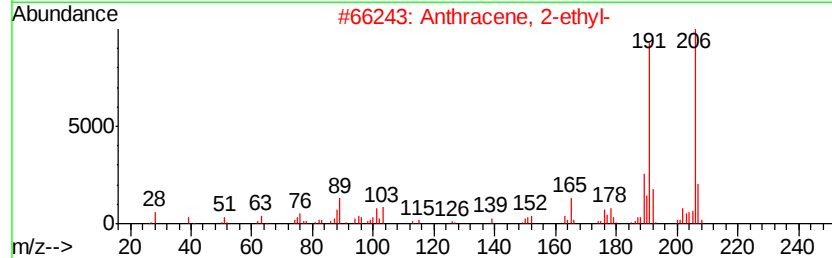
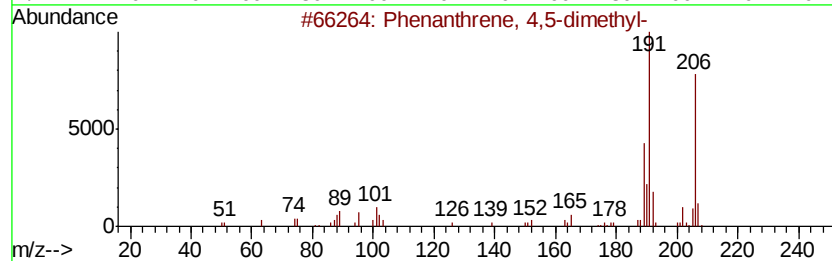
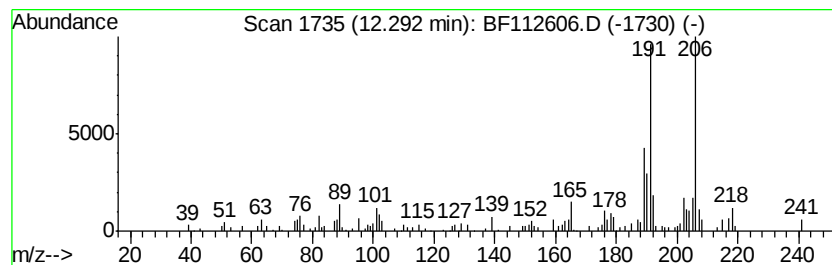
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 4,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	4.63 ng	145167	Phenanthrene-d10	11.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	98
2			Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4			1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	87
5			9,10-Dimethylantracene	206	C16H14	000781-43-1	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
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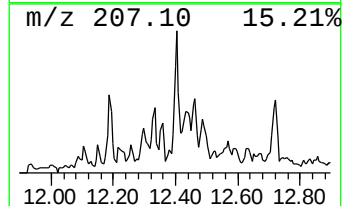
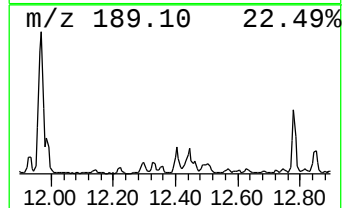
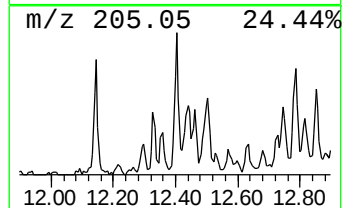
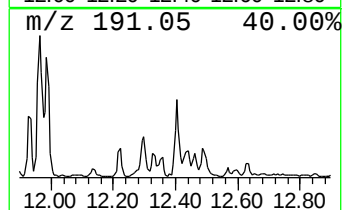
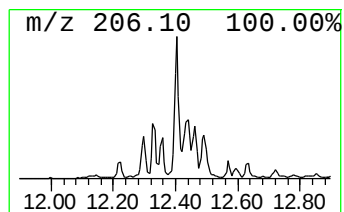
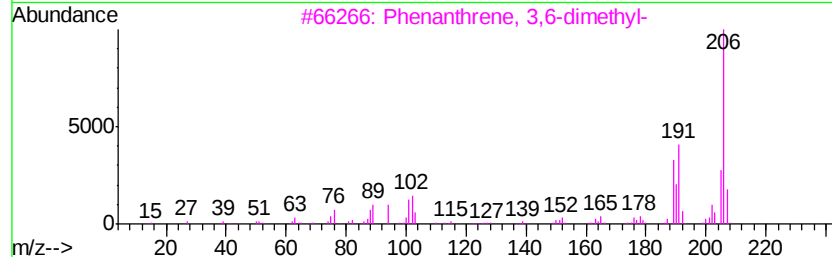
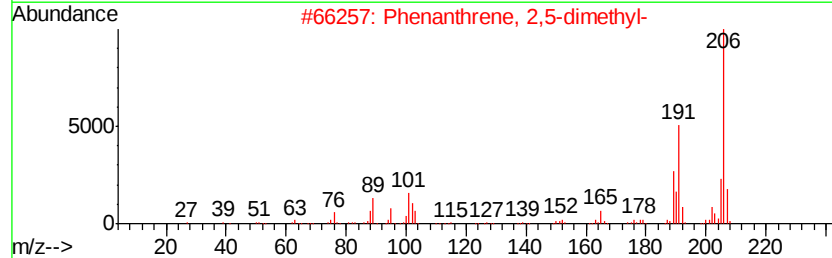
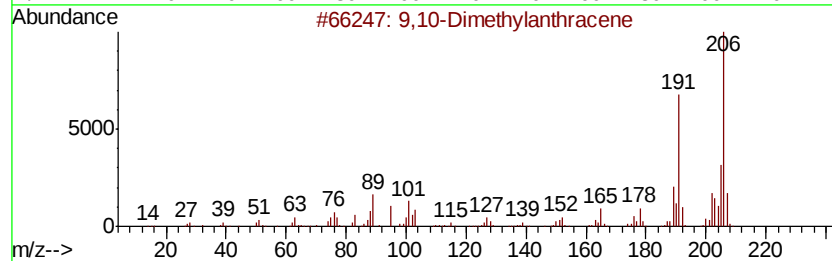
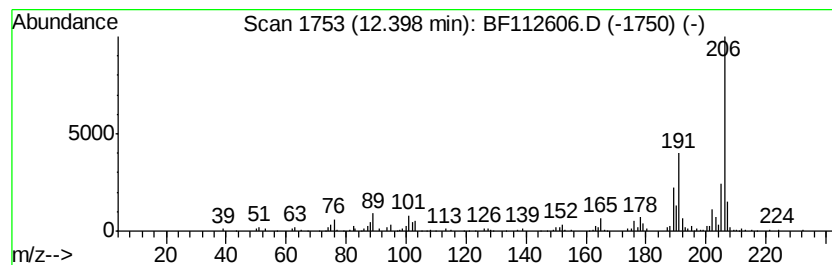
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 9,10-Dimethylantracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	7.63 ng	239284	Phenanthrene-d10	11.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	93
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90



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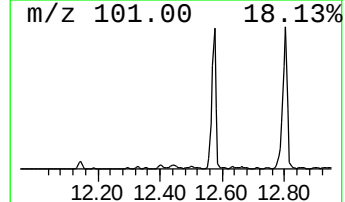
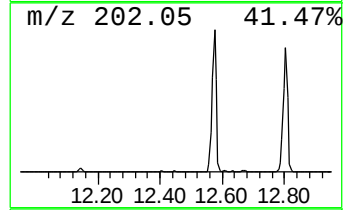
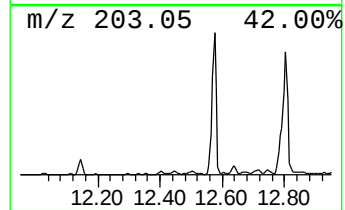
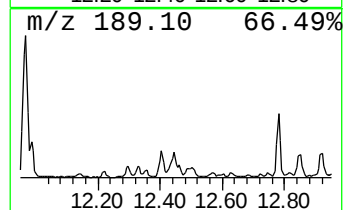
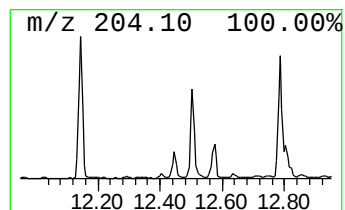
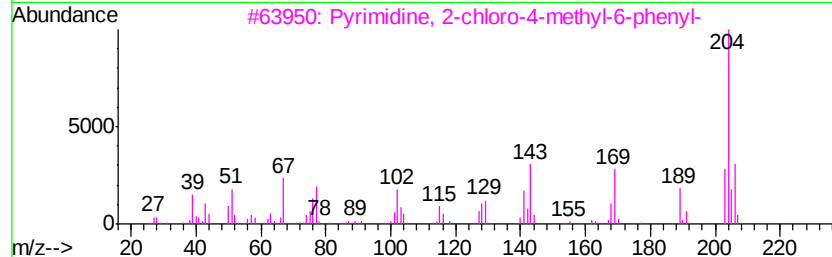
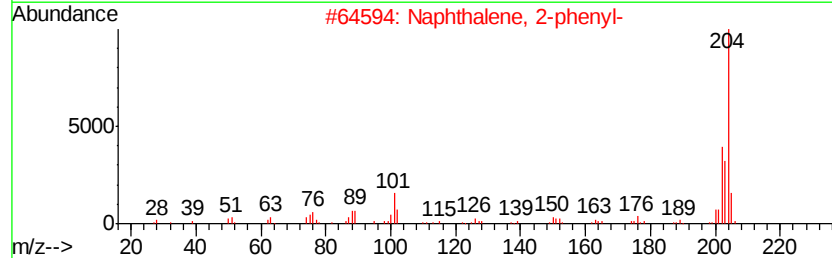
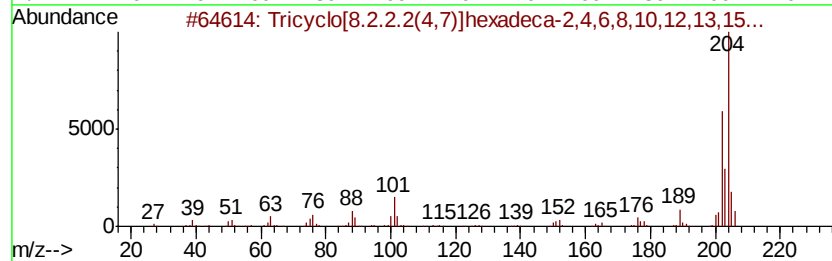
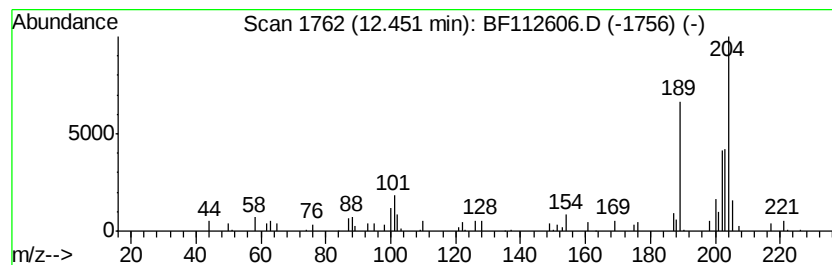
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.45	4.85 ng	152027	Phenanthrene-d10	11.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	50
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
3	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	43
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	30



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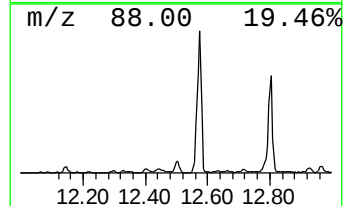
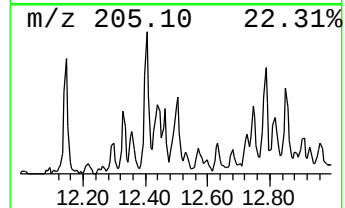
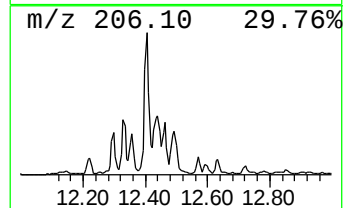
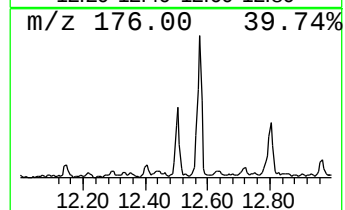
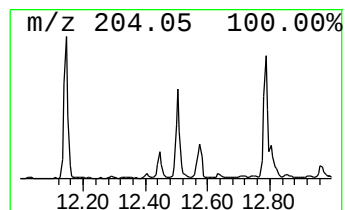
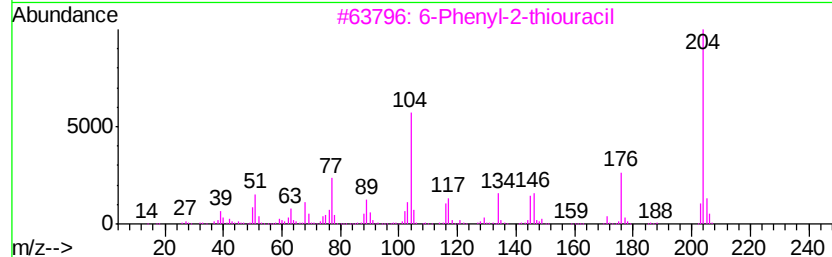
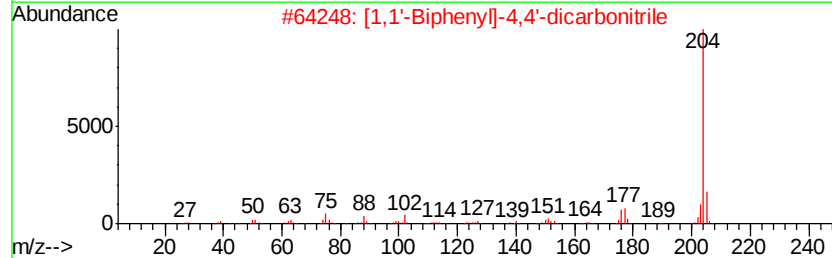
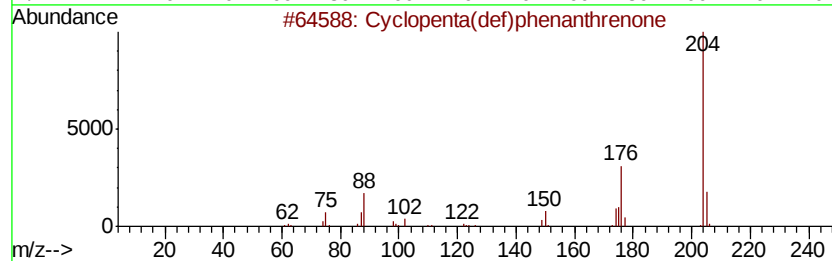
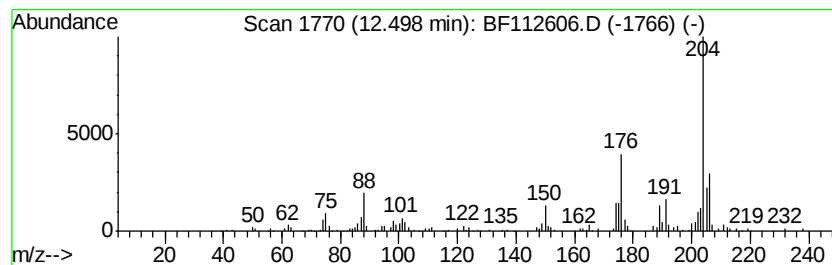
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	6.20 ng	194243	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	89
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	59
3		6-Phenvl-2-thiouracil	204	C10H8N2OS	005590-94-3	59
4		4-Methoxy-6-(3-fluorophenyl)pyri...	204	C11H9FN2O	076128-74-0	50
5		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
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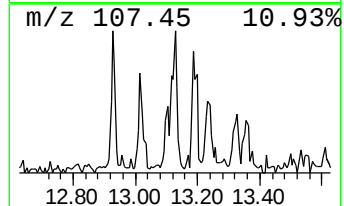
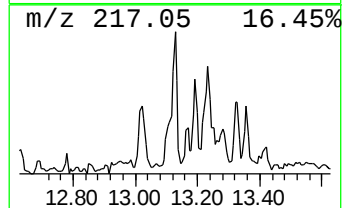
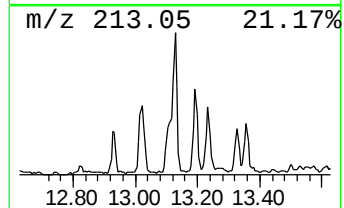
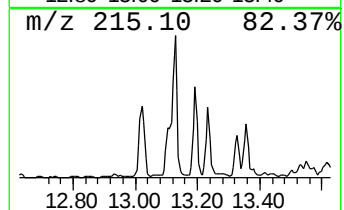
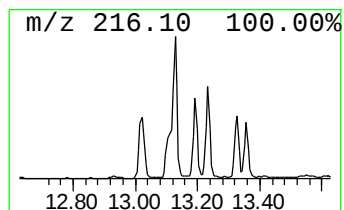
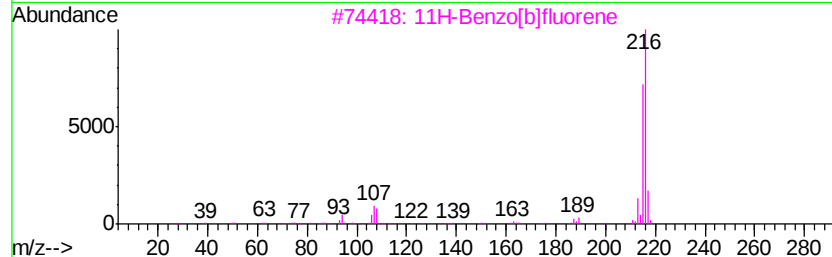
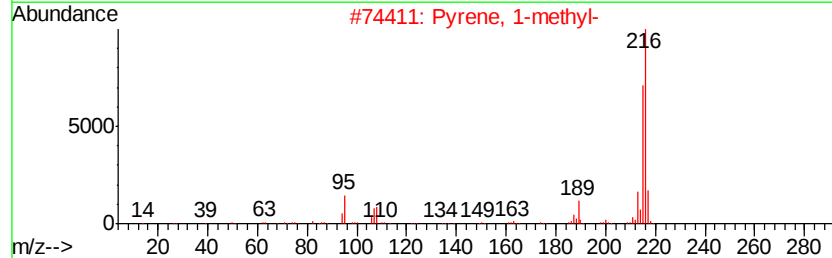
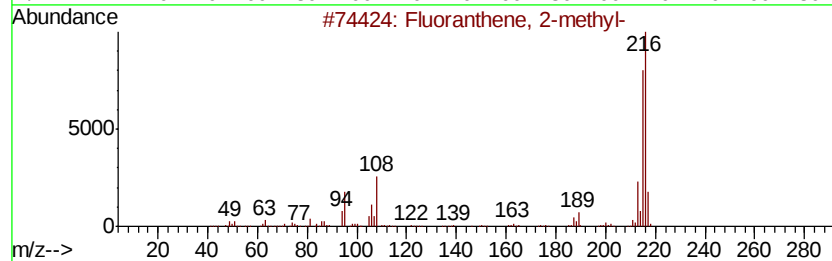
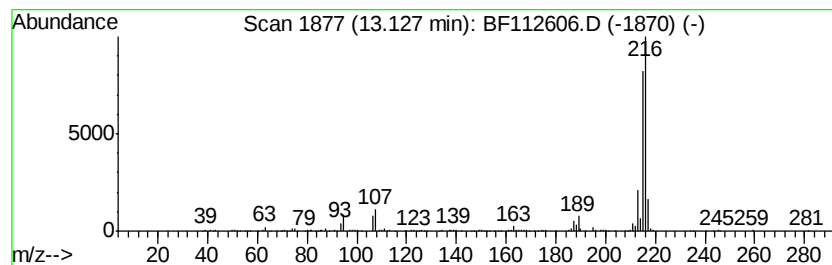
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ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.13	5.34 ng	544165	Chrysene-d12		14.00
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
Data File : BF112606.D
Acq On : 18 Feb 2019 17:39
Operator : JU/SJ
Sample : K1518-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

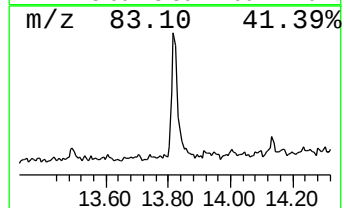
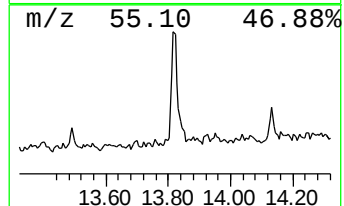
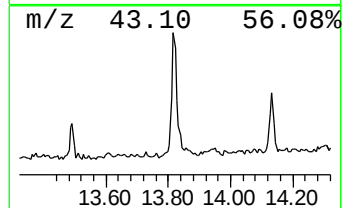
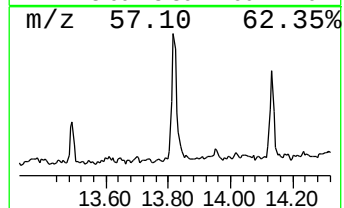
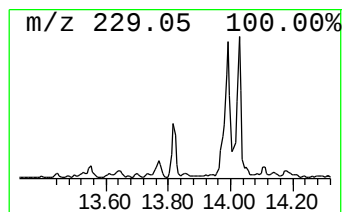
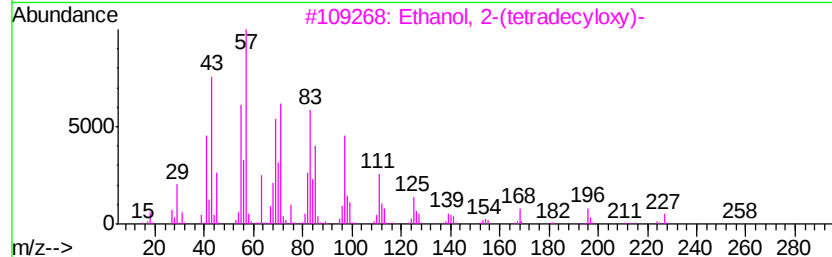
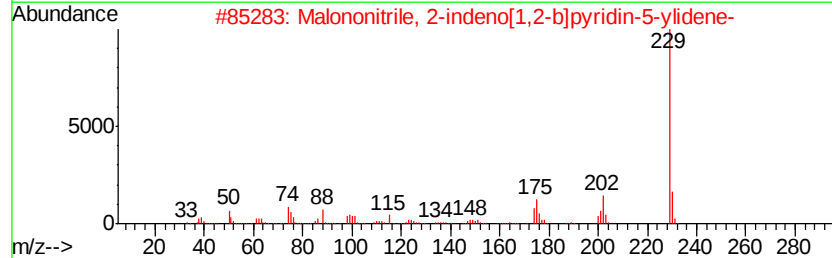
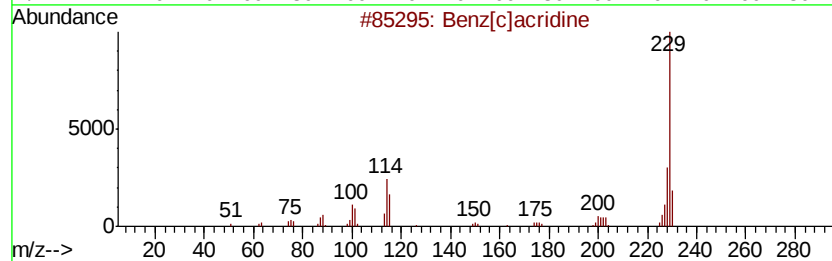
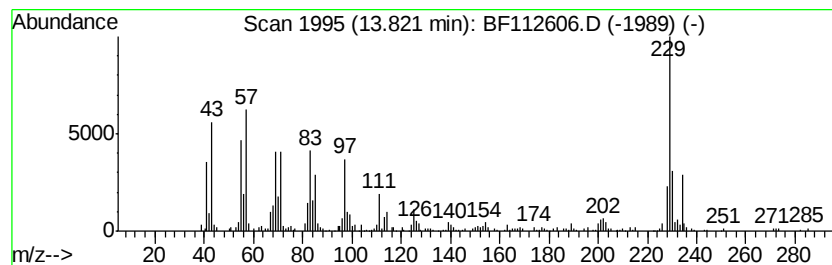
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ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benz[c]acridine Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.82	4.92 ng	501201	Chrysene-d12	14.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[c]acridine	229	C17H11N	000225-51-4	55
2	Malononitrile, 2-indeno[1,2-b]py...	229	C15H7N3	1000316-60-9	38
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	30
4	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	25
5	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
Data File : BF112606.D
Acq On : 18 Feb 2019 17:39
Operator : JU/SJ
Sample : K1518-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

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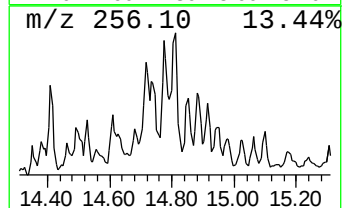
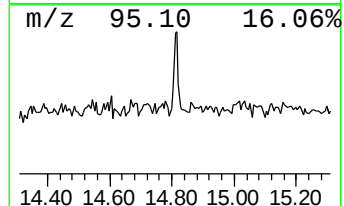
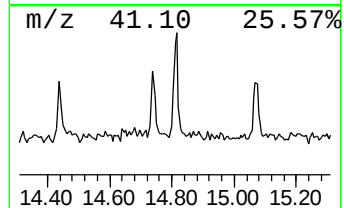
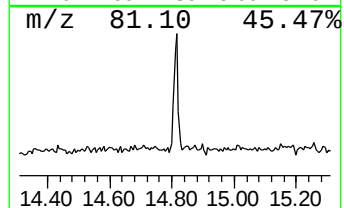
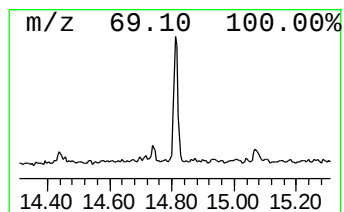
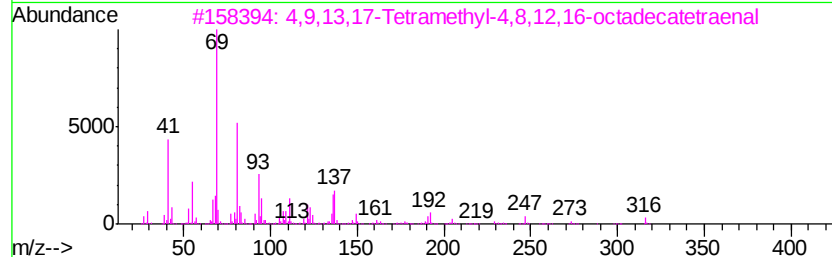
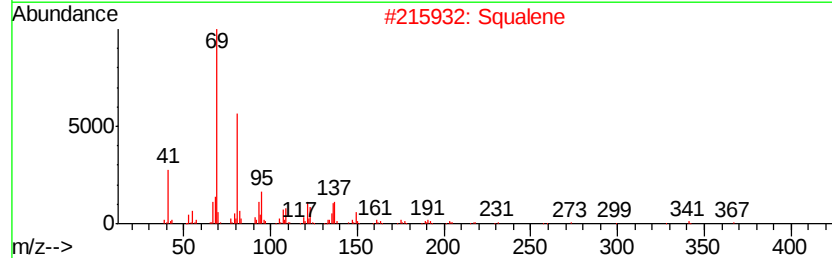
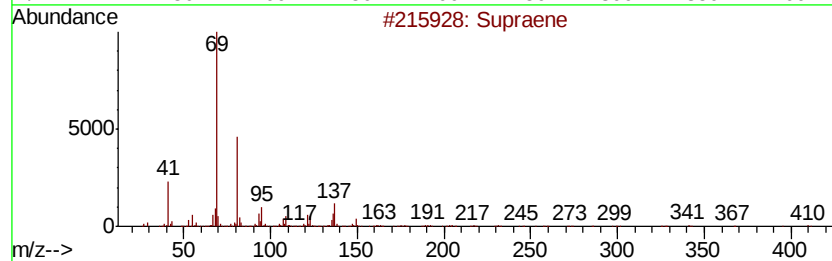
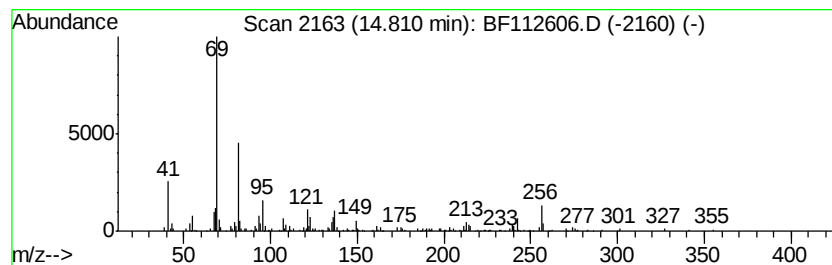
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Supraene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	9.96 ng	188011	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	81
2		Squalene	410	C30H50	000111-02-4	74
3		4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	50
4		Hexadeca-2,6,10,14-tetraen-1-ol,...	290	C20H34O	007614-21-3	50
5		2,6-Octadiene, 2,6-dimethyl-	138	C10H18	002792-39-4	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
Data File : BF112606.D
Acq On : 18 Feb 2019 17:39
Operator : JU/SJ
Sample : K1518-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-2

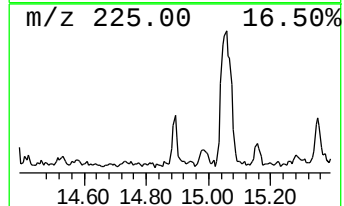
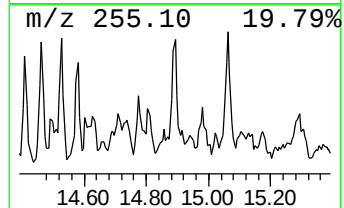
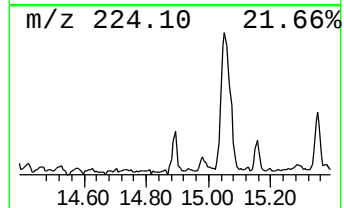
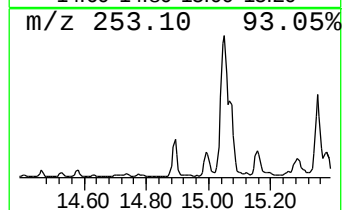
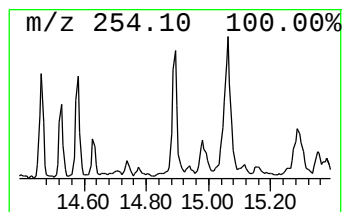
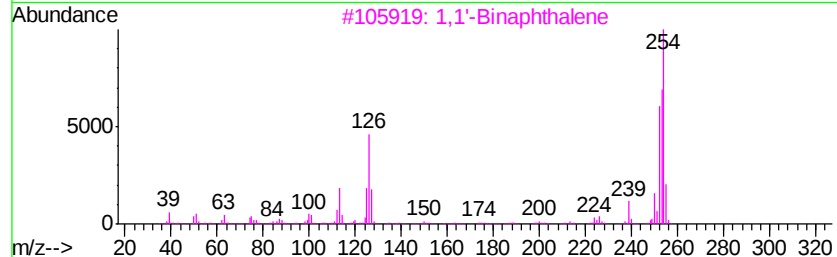
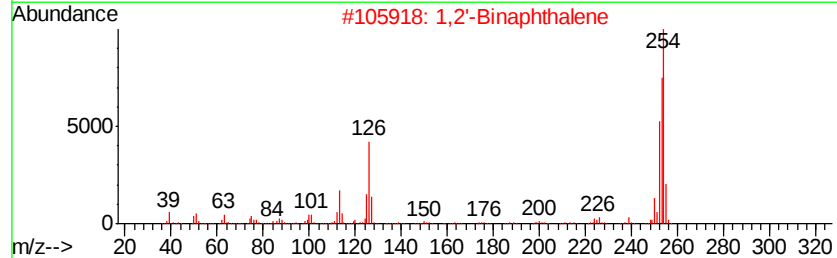
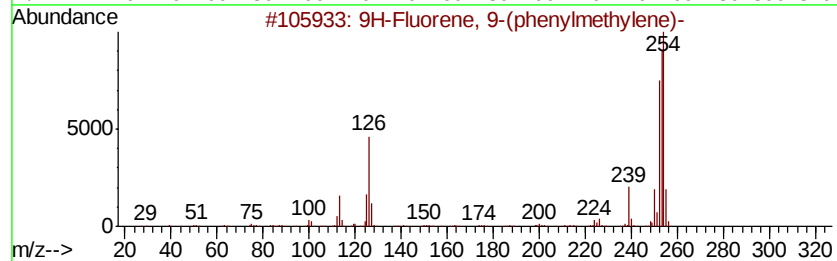
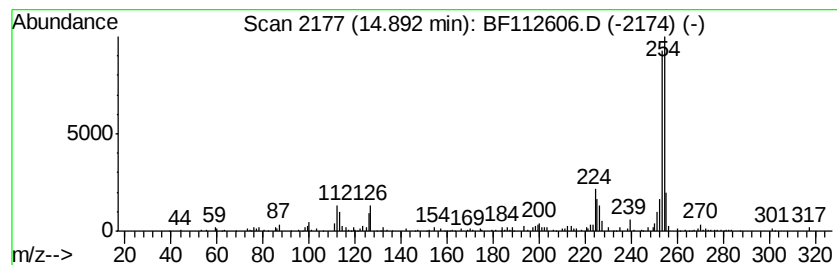
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9H-Fluorene, 9-(phenylmethy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	5.42 ng	102280	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 9-(phenylmethylen)-	254	C20H14	001836-87-9	68
2		1,2'-Binaphthalene	254	C20H14	004325-74-0	64
3		1,1'-Binaphthalene	254	C20H14	000604-53-5	64
4		Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	64
5		9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
Data File : BF112606.D
Acq On : 18 Feb 2019 17:39
Operator : JU/SJ
Sample : K1518-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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CABLE-BRIDGE-FOUNDATION-D-2

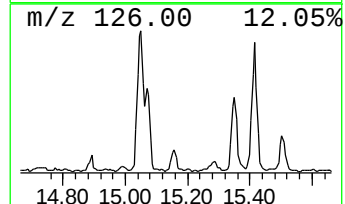
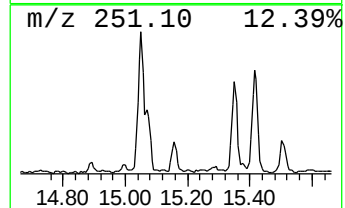
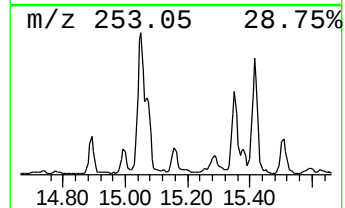
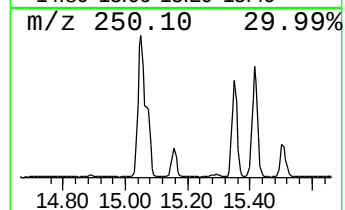
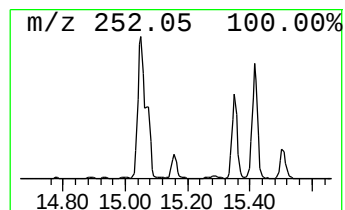
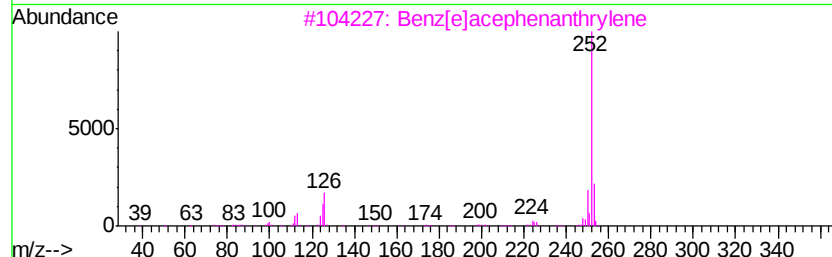
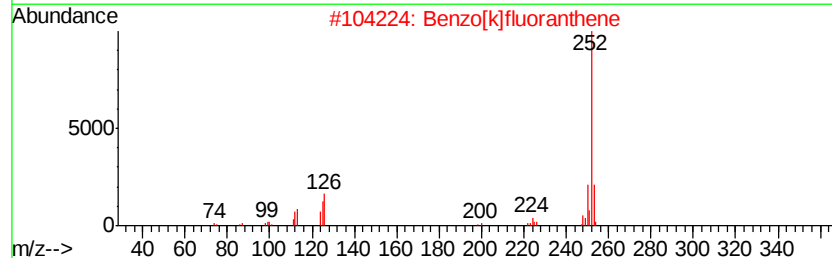
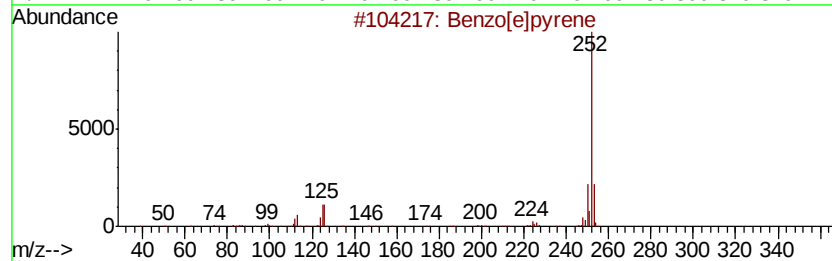
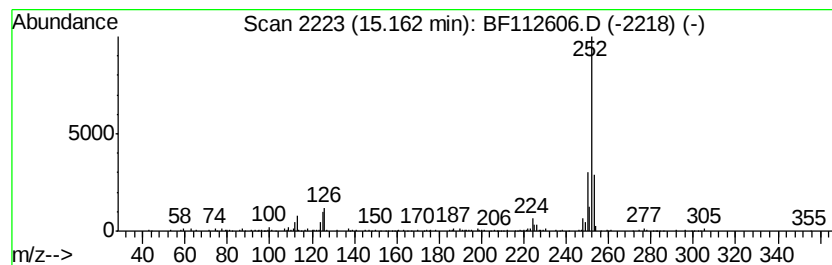
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	9.53 ng	179973	Perylene-d12	15.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	96
4			Benzo[a]pyrene	252	C20H12	000050-32-8	94
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
Data File : BF112606.D
Acq On : 18 Feb 2019 17:39
Operator : JU/SJ
Sample : K1518-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CABLE-BRIDGE-FOUNDATION-D-2

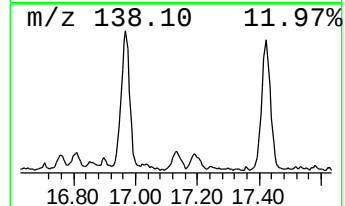
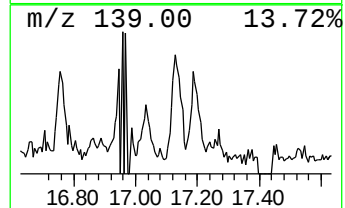
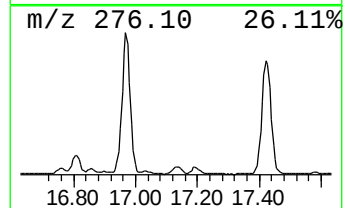
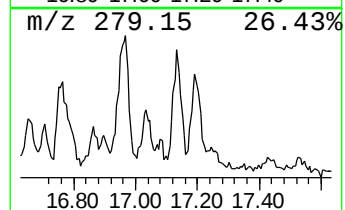
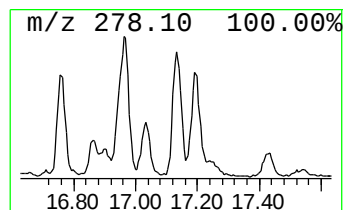
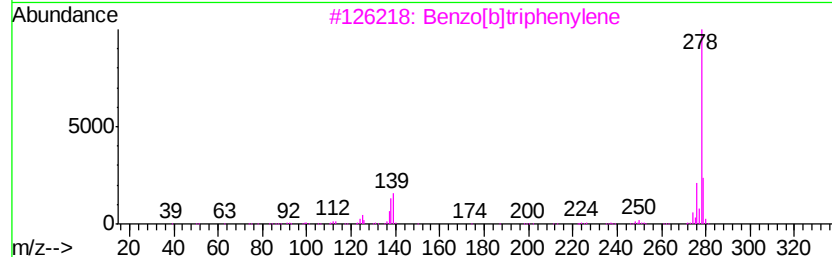
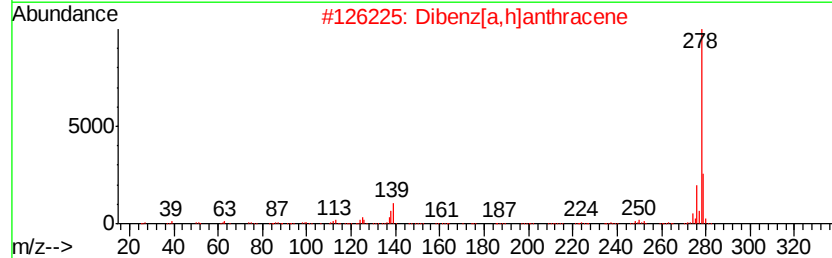
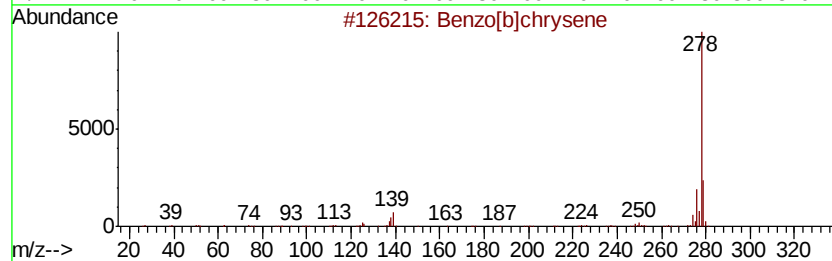
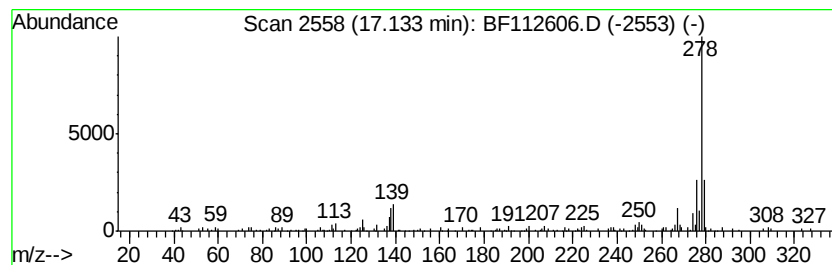
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[b]chrysene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	7.58 ng	143159	Perylene-d12	15.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]chrysene	278	C22H14	000214-17-5	94
2			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	94
3			Benzo[b]triphenylene	278	C22H14	000215-58-7	92
4			Picene	278	C22H14	000213-46-7	92
5			Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021819\
 Data File : BF112606.D
 Acq On : 18 Feb 2019 17:39
 Operator : JU/SJ
 Sample : K1518-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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
unknown6.60	6.60	81.6	ng	1296060	1	6.82	317542	20.0
Phenanthrene, 2-m...	11.85	11.4	ng	357184	4	11.35	626990	20.0
Phenanthrene, 1-m...	11.93	4.6	ng	143495	4	11.35	626990	20.0
4H-Cyclopenta[def...	11.96	18.2	ng	570880	4	11.35	626990	20.0
9,10-Anthracenedione	12.19	6.2	ng	194537	4	11.35	626990	20.0
Phenanthrene, 4,5...	12.29	4.6	ng	145167	4	11.35	626990	20.0
9,10-Dimethylanthe...	12.40	7.6	ng	239284	4	11.35	626990	20.0
Tricyclo[8.2.2.2(...	12.45	4.8	ng	152027	4	11.35	626990	20.0
Cyclopenta(def)ph...	12.50	6.2	ng	194243	4	11.35	626990	20.0
Fluoranthene, 2-m...	13.13	5.3	ng	544165	5	14.00	2039270	20.0
Benz[c]acridine	13.82	4.9	ng	501201	5	14.00	2039270	20.0
Supraene	14.81	10.0	ng	188011	6	15.47	377607	20.0
9H-Fluorene, 9-(p...	14.89	5.4	ng	102280	6	15.47	377607	20.0
Benzo[e]pyrene	15.16	9.5	ng	179973	6	15.47	377607	20.0
Benzo[b]chrysene	17.13	7.6	ng	143159	6	15.47	377607	20.0