

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120617\
 Data File : BF101194.D
 Acq On : 7 Dec 2017 4:05
 Operator : SJ/JU
 Sample : I6656-07
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BART-2-E(7-8)

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.434	396	399	410	rBV	99471	115592	11.87%	0.778%
2	5.057	501	505	518	rBV	206250	239978	24.64%	1.614%
3	5.463	570	574	591	rBV	637411	581286	59.68%	3.910%
4	6.481	743	747	760	rBV	883667	881907	90.54%	5.932%
5	6.616	766	770	774	rBV	908688	793937	81.51%	5.340%
6	6.845	806	809	813	rBV	303794	248328	25.49%	1.670%
7	7.004	832	836	839	rBV	915890	740764	76.05%	4.983%
8	7.416	901	906	909	rBV	625994	560383	57.53%	3.769%
9	8.128	1024	1027	1030	rBV	364087	312391	32.07%	2.101%
10	8.151	1030	1031	1039	rVB	64867	37993	3.90%	0.256%
11	8.845	1146	1149	1153	rBB	28595	24460	2.51%	0.165%
12	8.939	1162	1165	1170	rBB	23284	19117	1.96%	0.129%
13	9.204	1206	1210	1213	rBV	1246003	974035	100.00%	6.552%
14	9.475	1252	1256	1259	rBB	12430	14380	1.48%	0.097%
15	9.545	1263	1268	1270	rVV2	19476	21486	2.21%	0.145%
16	9.598	1274	1277	1284	rVB	113242	92234	9.47%	0.620%
17	9.745	1299	1302	1308	rBV	44867	36749	3.77%	0.247%
18	9.804	1309	1312	1316	rVB	34443	25126	2.58%	0.169%
19	9.886	1323	1326	1329	rBV	360342	288442	29.61%	1.940%
20	9.916	1329	1331	1335	rVB	93493	72355	7.43%	0.487%
21	10.092	1358	1361	1364	rBV	75760	67913	6.97%	0.457%
22	10.127	1364	1367	1371	rVB	15042	14939	1.53%	0.100%
23	10.304	1390	1397	1400	rBV2	39280	38861	3.99%	0.261%
24	10.433	1416	1419	1425	rVB	111457	93306	9.58%	0.628%
25	10.592	1443	1446	1452	rVB	28289	26578	2.73%	0.179%
26	10.674	1457	1460	1465	rBV	274879	244560	25.11%	1.645%
27	10.780	1474	1478	1485	rVB4	22534	30940	3.18%	0.208%
28	10.980	1506	1512	1515	rBV5	22332	30631	3.14%	0.206%
29	11.110	1529	1534	1536	rBV3	16096	20596	2.11%	0.139%
30	11.180	1544	1546	1550	rVV	47938	40772	4.19%	0.274%
31	11.221	1550	1553	1556	rVV3	23305	26774	2.75%	0.180%
32	11.269	1556	1561	1566	rVB	50784	53572	5.50%	0.360%
33	11.374	1575	1579	1581	rBV	295856	266508	27.36%	1.793%
34	11.404	1581	1584	1587	rVV	999994	811801	83.34%	5.461%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.451	1587	1592	1595	rVV	257107	219109	22.49%	1.474%
36	11.486	1595	1598	1604	rVB2	16023	21122	2.17%	0.142%
37	11.610	1613	1619	1623	rBV2	82748	93524	9.60%	0.629%
38	11.710	1633	1636	1640	rVB4	14781	18061	1.85%	0.121%
39	11.874	1660	1664	1667	rBV	89206	90475	9.29%	0.609%
40	11.904	1667	1669	1673	rVB	131174	107428	11.03%	0.723%
41	11.951	1673	1677	1680	rVB	48529	44067	4.52%	0.296%
42	11.992	1680	1684	1686	rBV2	127765	134514	13.81%	0.905%
43	12.010	1686	1687	1693	rVB	60047	45718	4.69%	0.308%
44	12.057	1693	1695	1697	rBV2	18506	15491	1.59%	0.104%
45	12.168	1711	1714	1718	rBV	62331	57605	5.91%	0.387%
46	12.204	1718	1720	1723	rVB	50191	41133	4.22%	0.277%
47	12.321	1734	1740	1743	rBV4	21207	29764	3.06%	0.200%
48	12.374	1747	1749	1753	rVB	15424	13785	1.42%	0.093%
49	12.427	1753	1758	1760	rBV	45953	52021	5.34%	0.350%
50	12.468	1760	1765	1766	rVV4	29140	45275	4.65%	0.305%
51	12.486	1766	1768	1770	rVV2	18474	15866	1.63%	0.107%
52	12.521	1770	1774	1777	rVB2	46957	53075	5.45%	0.357%
53	12.598	1782	1787	1790	rBV	859603	822000	84.39%	5.529%
54	12.657	1794	1797	1800	rVB	19031	16156	1.66%	0.109%
55	12.686	1800	1802	1805	rVB	20475	16798	1.72%	0.113%
56	12.745	1805	1812	1814	rBV3	40939	60715	6.23%	0.408%
57	12.768	1814	1816	1819	rVB4	16704	14914	1.53%	0.100%
58	12.827	1819	1826	1829	rBV	792399	851893	87.46%	5.730%
59	12.874	1831	1834	1838	rVB2	44558	49145	5.05%	0.331%
60	12.957	1841	1848	1851	rBV	747662	744503	76.43%	5.008%
61	12.980	1851	1852	1856	rVB	52759	44762	4.60%	0.301%
62	13.045	1857	1863	1866	rBV2	52040	89817	9.22%	0.604%
63	13.127	1873	1877	1878	rBV3	41340	47154	4.84%	0.317%
64	13.151	1878	1881	1883	rVB	65522	66432	6.82%	0.447%
65	13.180	1883	1886	1889	rBV4	15989	21577	2.22%	0.145%
66	13.215	1889	1892	1895	rBV2	35968	29419	3.02%	0.198%
67	13.251	1895	1898	1901	rBV2	62200	75773	7.78%	0.510%
68	13.310	1906	1908	1910	rVV	21901	17393	1.79%	0.117%
69	13.345	1911	1914	1917	rVV	41206	42254	4.34%	0.284%
70	13.380	1917	1920	1926	rVV2	45612	56345	5.78%	0.379%
71	13.568	1950	1952	1955	rVB3	19784	21756	2.23%	0.146%

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72	13.663	1965	1968	1973	rBV	87356	76442	7.85%	0.514%
73	13.768	1983	1986	1989	rBV	66467	73241	7.52%	0.493%
74	13.798	1989	1991	1993	rVV	69767	53039	5.45%	0.357%
75	13.827	1993	1996	1997	rVV	51400	60326	6.19%	0.406%
76	13.874	2001	2004	2007	rVB	70905	69045	7.09%	0.464%
77	14.015	2022	2028	2032	rBV2	471164	736062	75.57%	4.951%
78	14.051	2032	2034	2037	rVB	332121	254372	26.12%	1.711%
79	14.127	2045	2047	2052	rBV	57193	53649	5.51%	0.361%
80	14.410	2093	2095	2098	rVB	59988	45321	4.65%	0.305%
81	15.074	2203	2208	2211	rBV	251332	393851	40.43%	2.649%
82	15.180	2223	2226	2230	rBV	49642	55298	5.68%	0.372%
83	15.380	2256	2260	2265	rVB	137339	179209	18.40%	1.205%
84	15.445	2266	2271	2276	rVB	210775	245517	25.21%	1.651%
85	15.504	2277	2281	2284	rBV	173795	205494	21.10%	1.382%
86	16.998	2529	2535	2544	rVB2	82038	179269	18.40%	1.206%
87	17.445	2605	2611	2618	rBV	65273	151002	15.50%	1.016%

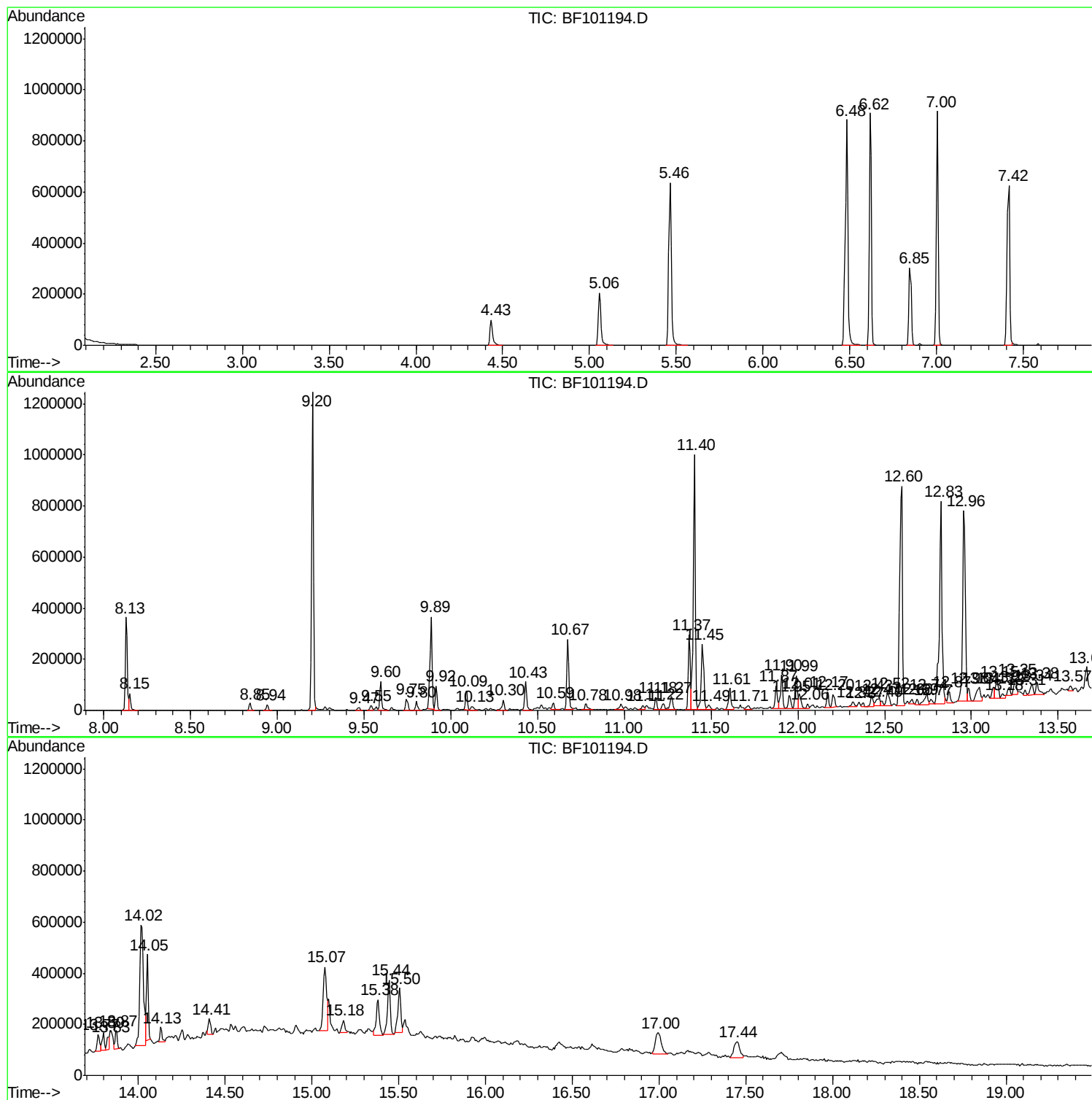
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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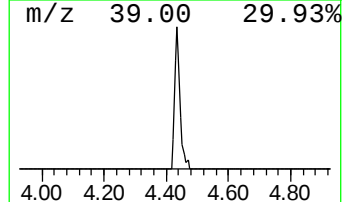
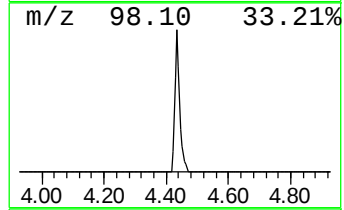
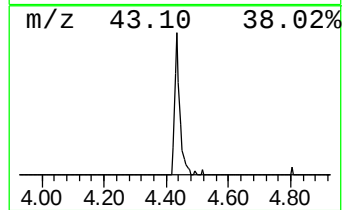
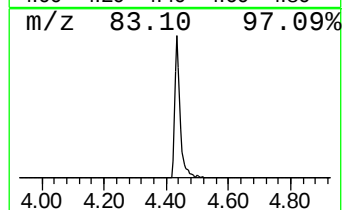
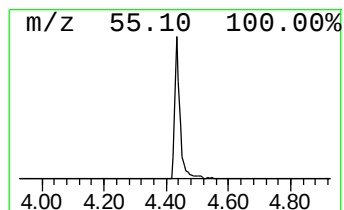
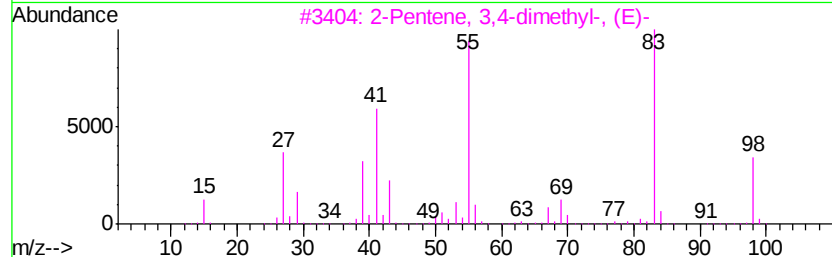
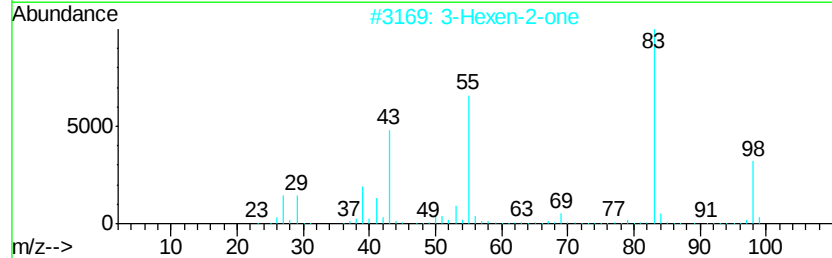
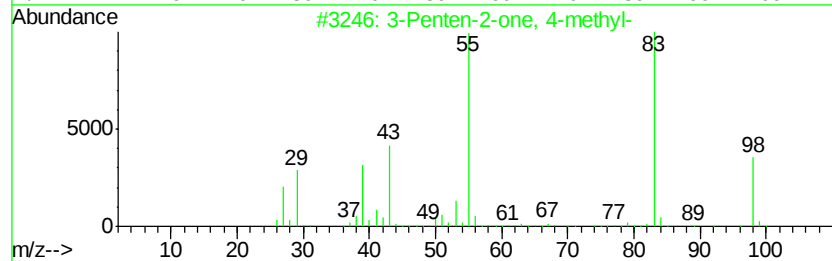
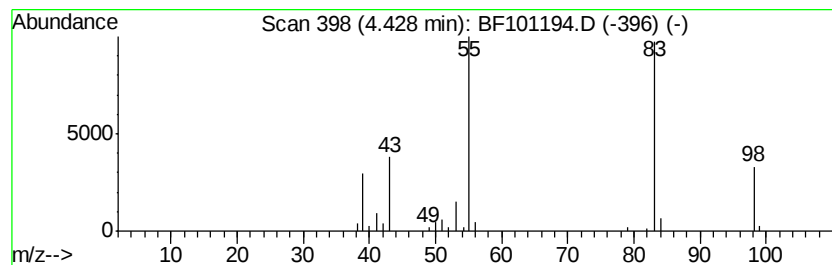
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.43	9.31 ng	115592	1,4-Dichlorobenzene-d4	6.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	94
2			3-Hexen-2-one	98	C6H10O	000763-93-9	87
3			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
4			2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	80
5			2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	80



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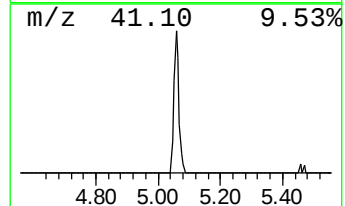
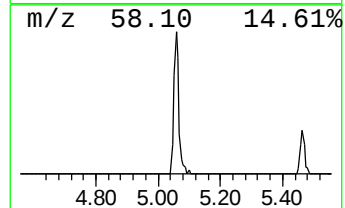
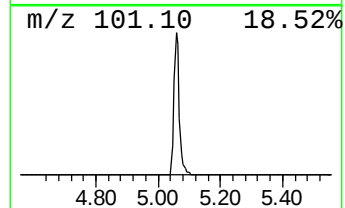
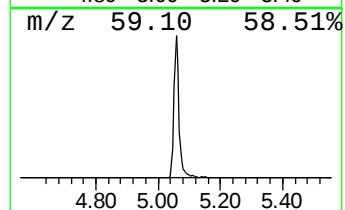
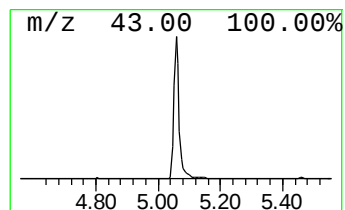
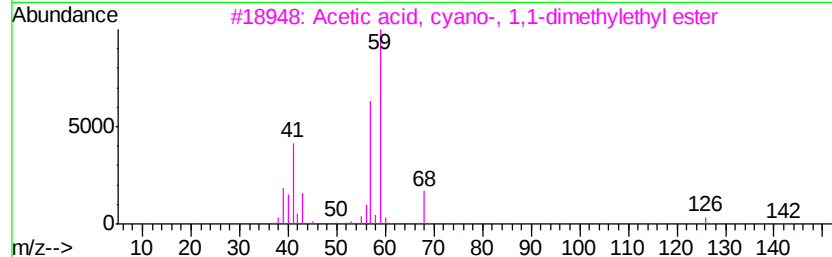
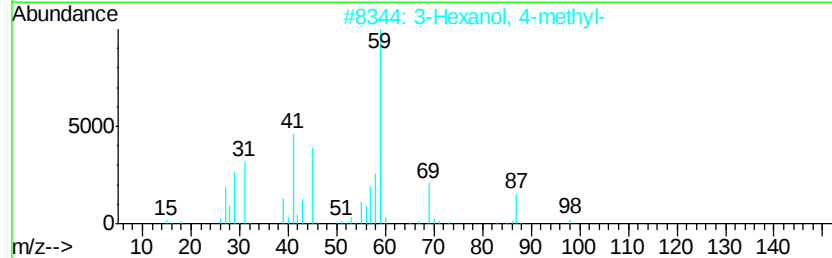
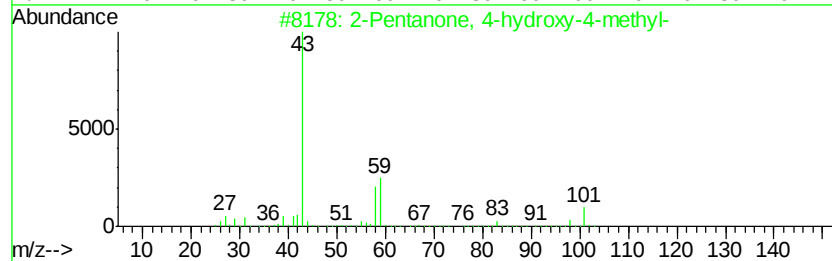
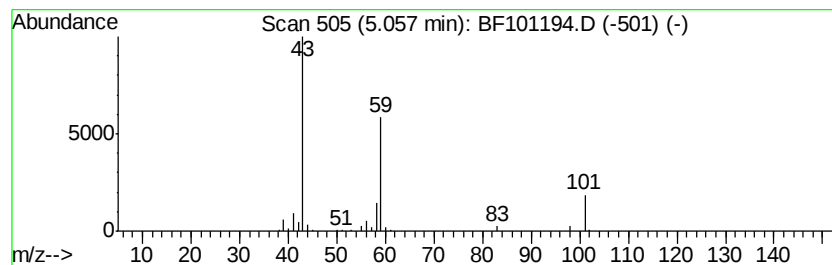
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	19.33 ng	239978	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	32
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5		3-Heptanol	116	C7H16O	000589-82-2	9



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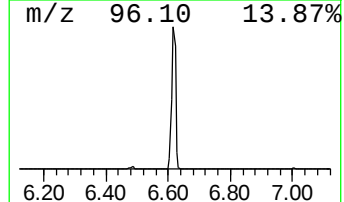
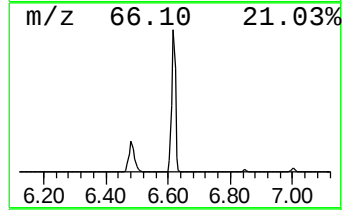
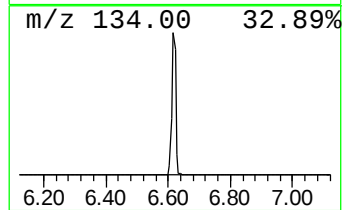
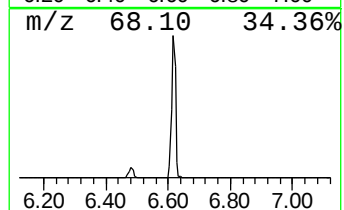
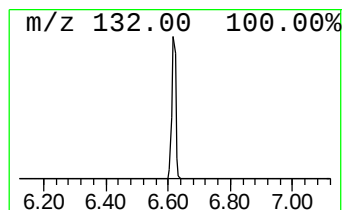
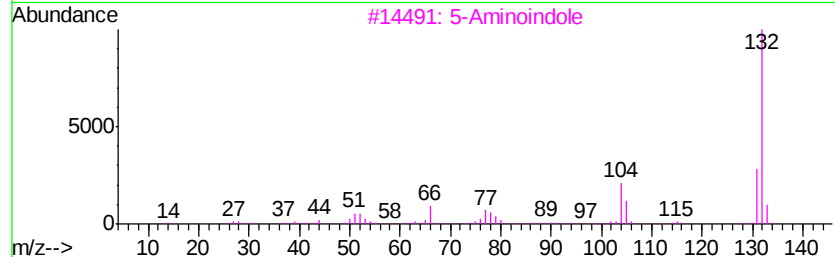
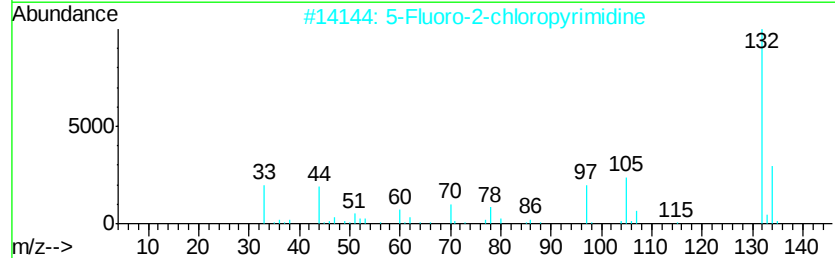
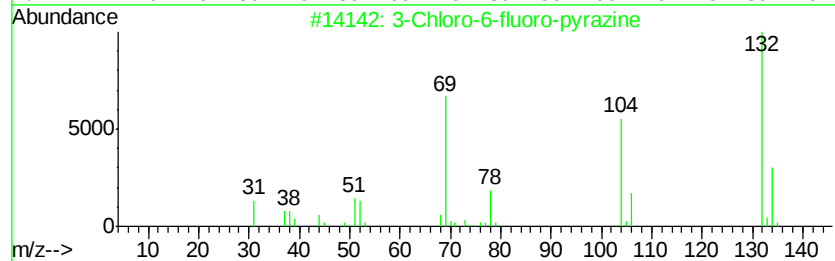
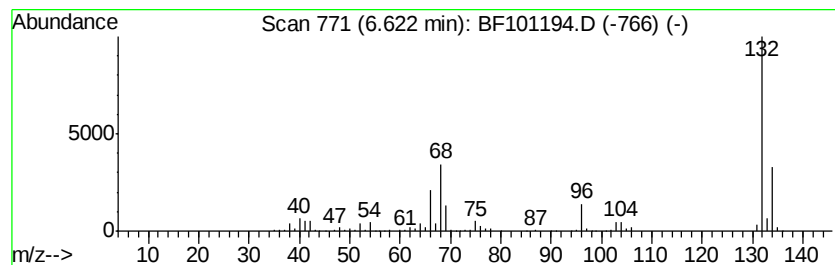
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	63.94 ng	793937	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9



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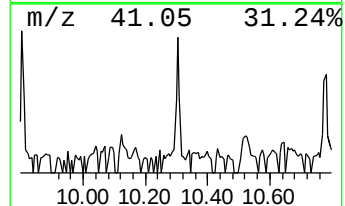
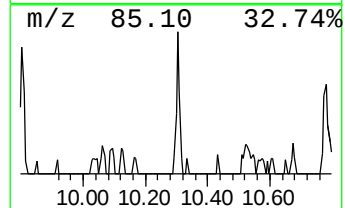
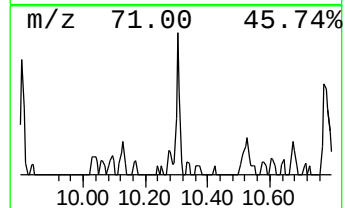
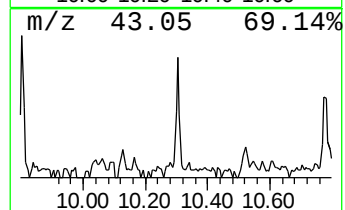
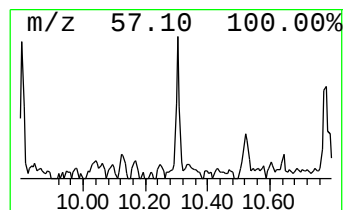
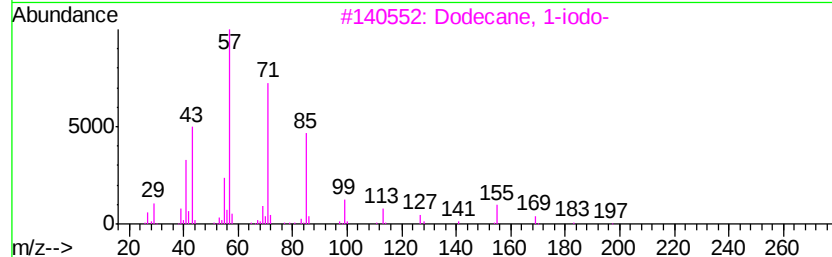
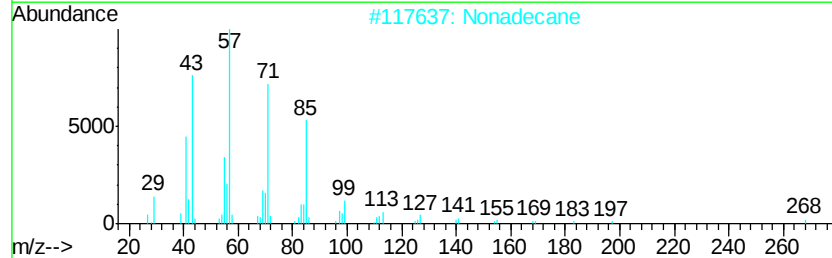
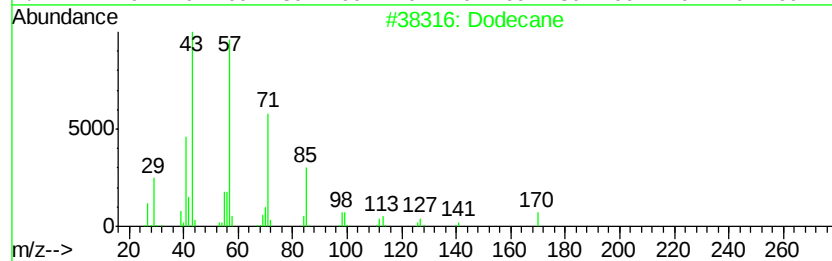
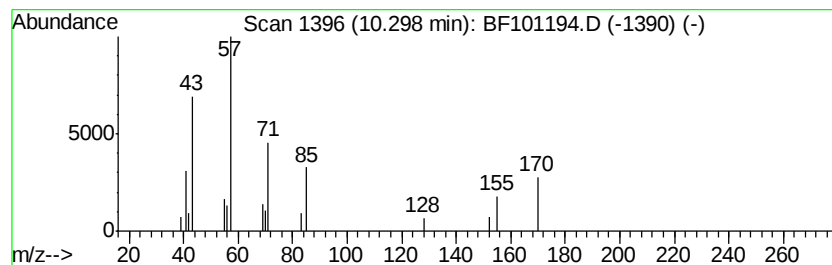
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ClientSampleId :
BART-2-E(7-8)

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

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

Peak Number 5 Dodecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.30	2.69 ng	38861	Acenaphthene-d10		9.89
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	87
2	Nonadecane	268	C19H40	000629-92-5	74
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
4	Octacosane	394	C28H58	000630-02-4	72
5	Tetracosane	338	C24H50	000646-31-1	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
Data File : BF101194.D
Acq On : 7 Dec 2017 4:05
Operator : SJ/JU
Sample : I6656-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BART-2-E(7-8)

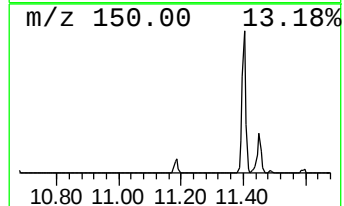
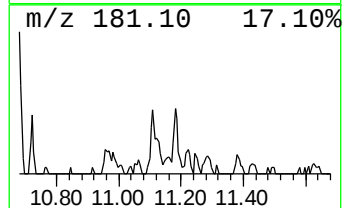
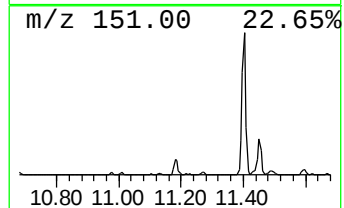
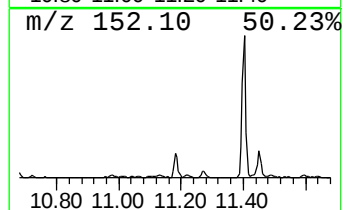
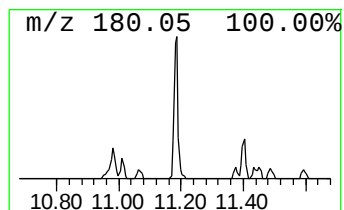
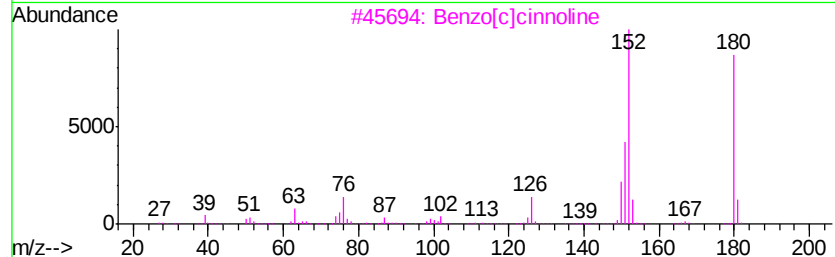
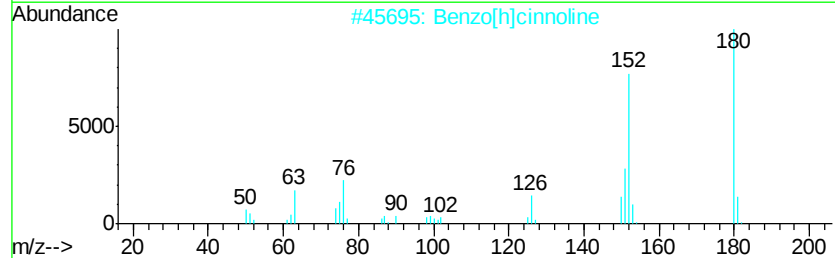
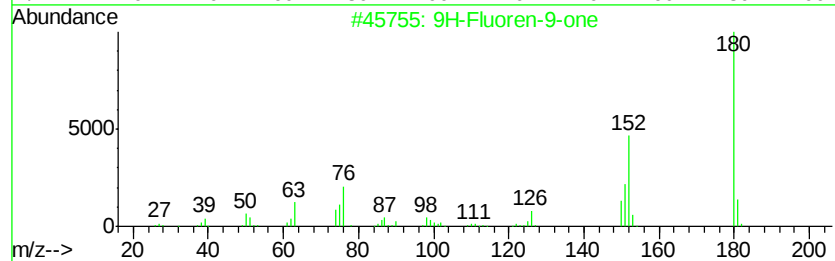
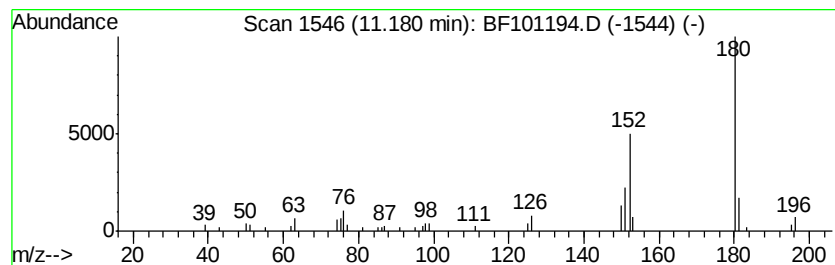
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9H-Fluoren-9-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	3.06 ng	40772	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
3		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	90
4		1H-Phenalen-1-one	180	C13H8O	000548-39-0	80
5		4-Acetyl-1-naphthonitrile	195	C13H9NO	029139-00-2	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120617\
Data File : BF101194.D
Acq On : 7 Dec 2017 4:05
Operator : SJ/JU
Sample : I6656-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BART-2-E(7-8)

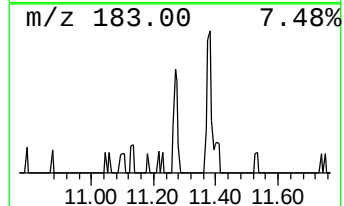
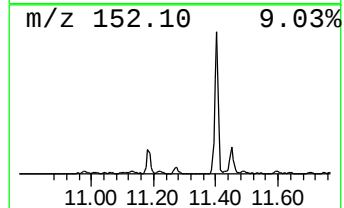
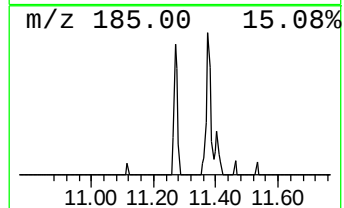
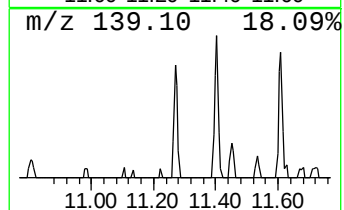
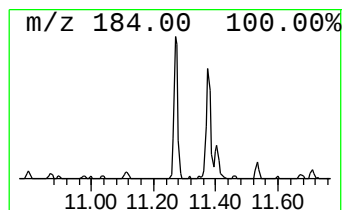
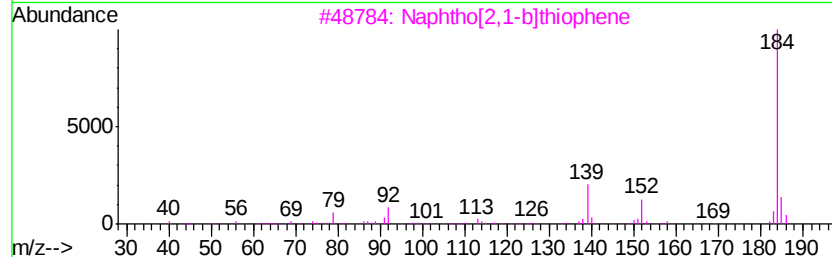
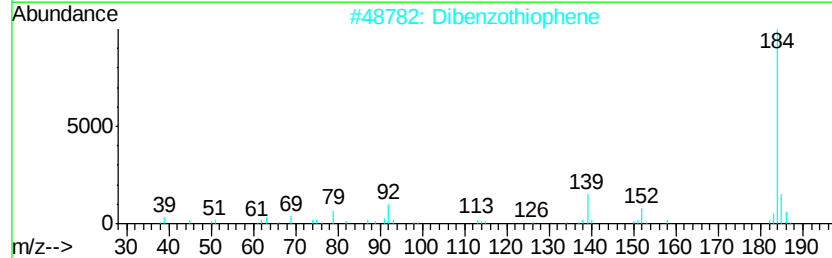
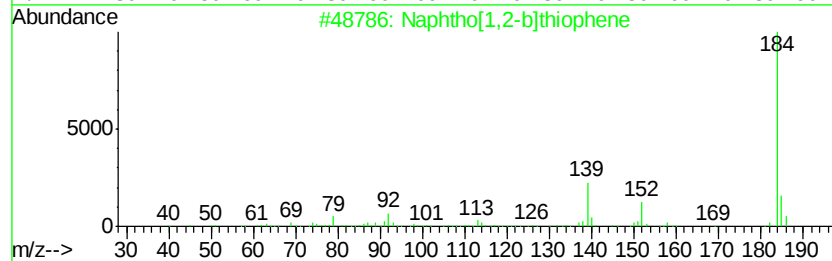
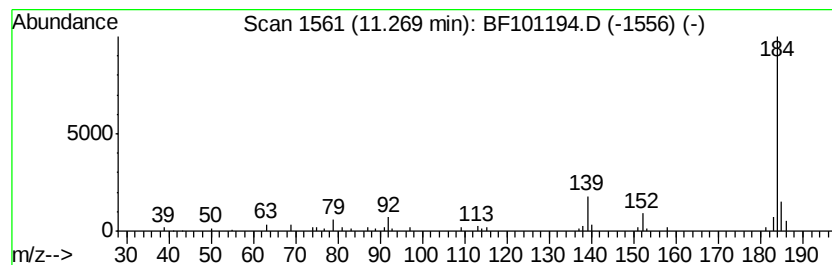
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphtho[1,2-b]thiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	4.02 ng	53572	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
2		Dibenzothiophene	184	C12H8S	000132-65-0	95
3		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
4		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
Data File : BF101194.D
Acq On : 7 Dec 2017 4:05
Operator : SJ/JU
Sample : I6656-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BART-2-E(7-8)

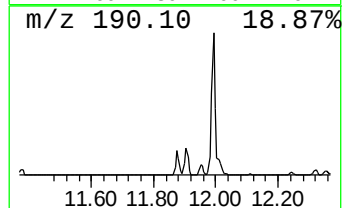
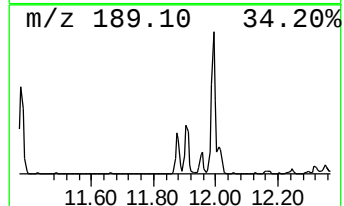
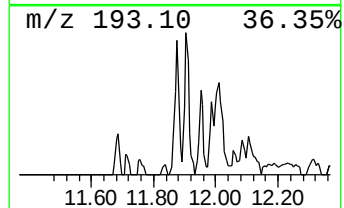
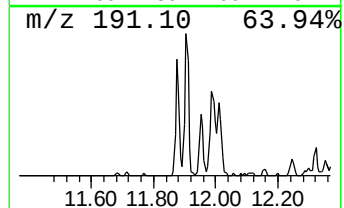
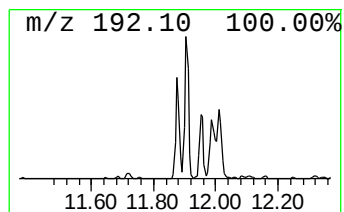
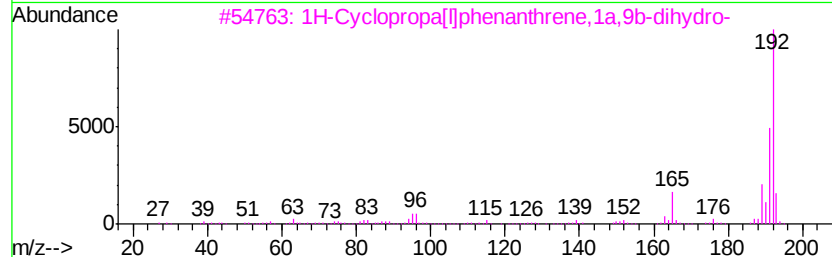
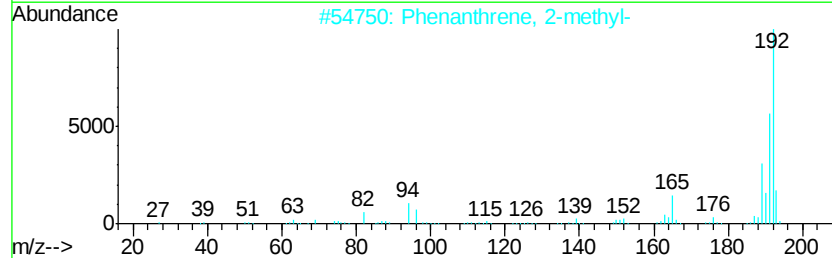
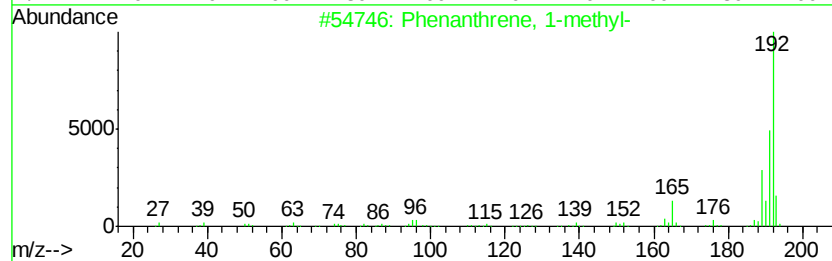
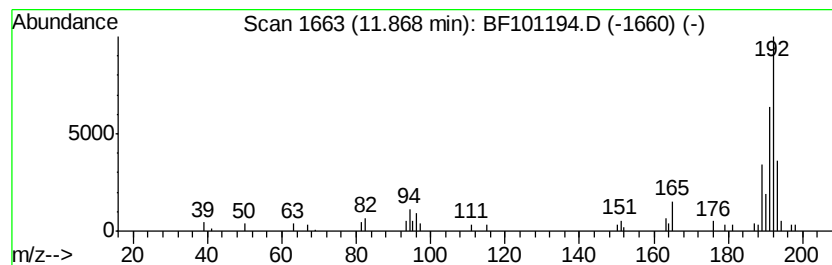
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	6.79 ng	90475	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	89
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
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Acq On : 7 Dec 2017 4:05
Operator : SJ/JU
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Instrument :
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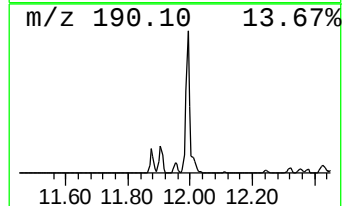
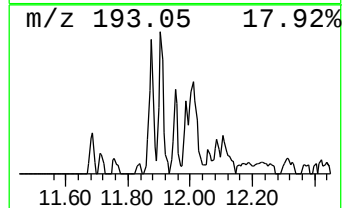
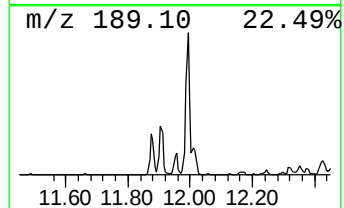
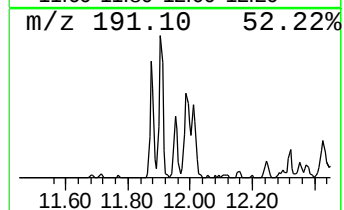
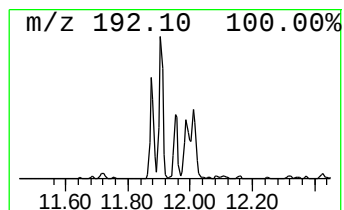
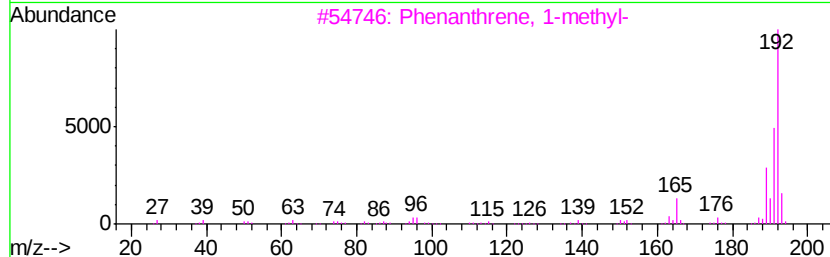
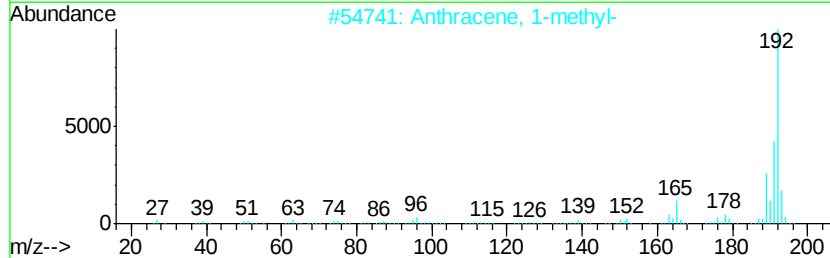
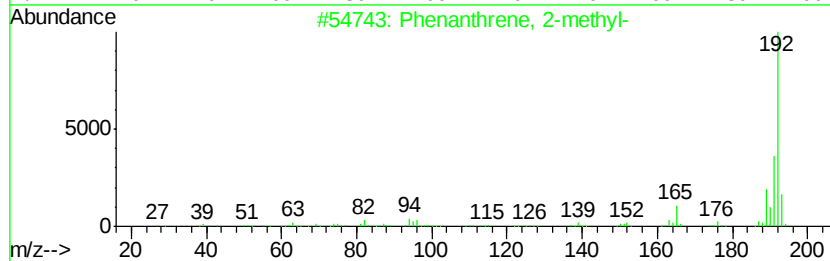
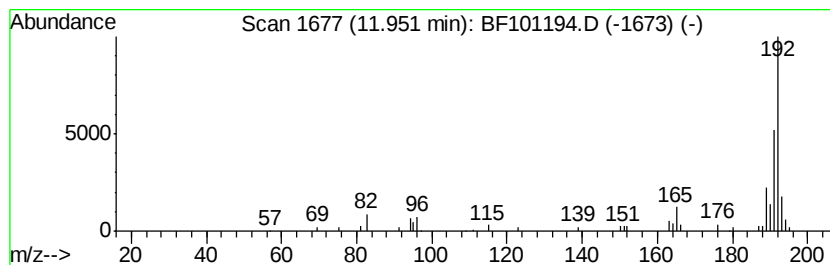
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	3.31 ng	44067	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120617\
Data File : BF101194.D
Acq On : 7 Dec 2017 4:05
Operator : SJ/JU
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Misc :
ALS Vial : 34 Sample Multiplier: 1

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ClientSampleId :
BART-2-E(7-8)

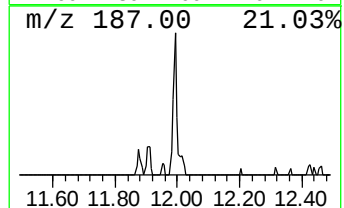
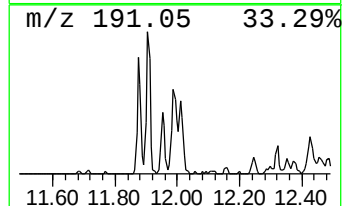
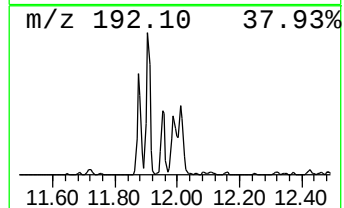
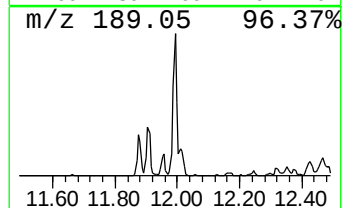
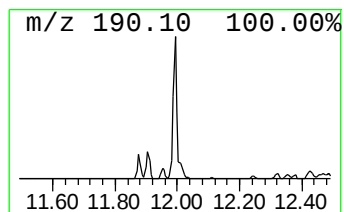
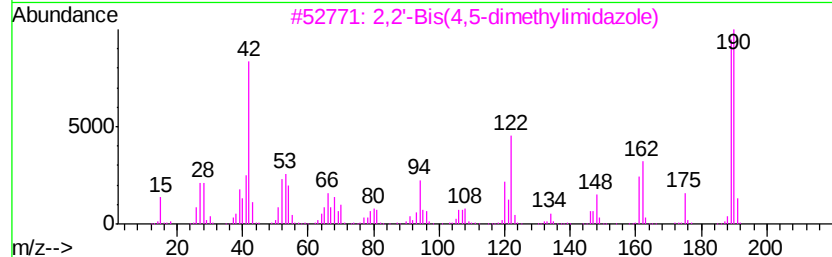
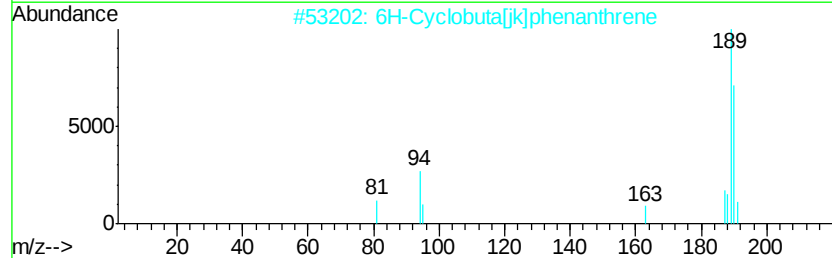
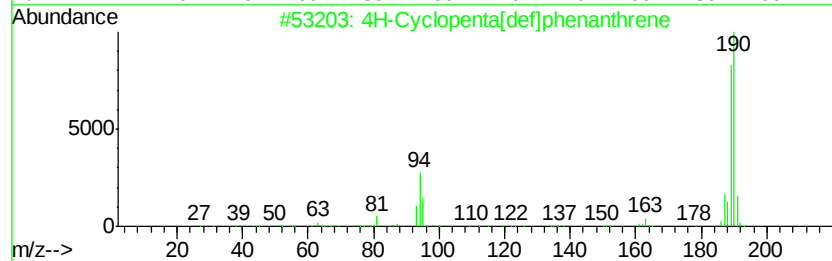
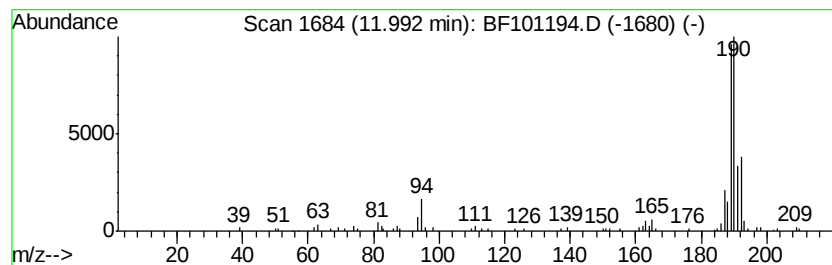
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	10.09 ng	134514	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	50
3		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4		4-(4-Chlorophenyl)pyridine	189	C11H8ClN	005957-96-0	17
5		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120617\
Data File : BF101194.D
Acq On : 7 Dec 2017 4:05
Operator : SJ/JU
Sample : I6656-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

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ClientSampleId :
BART-2-E(7-8)

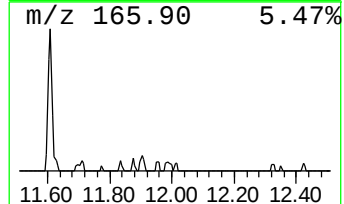
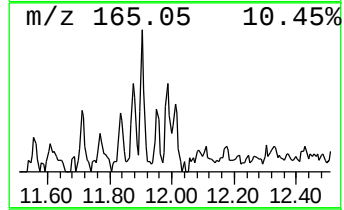
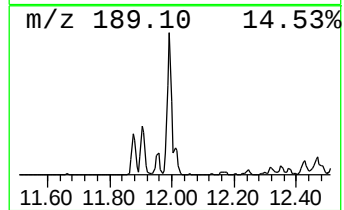
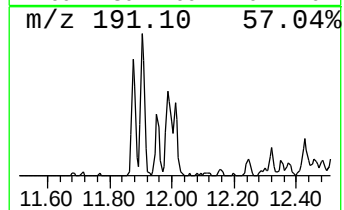
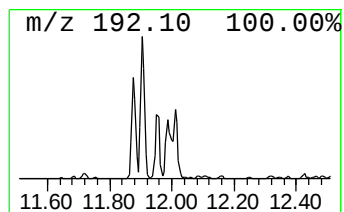
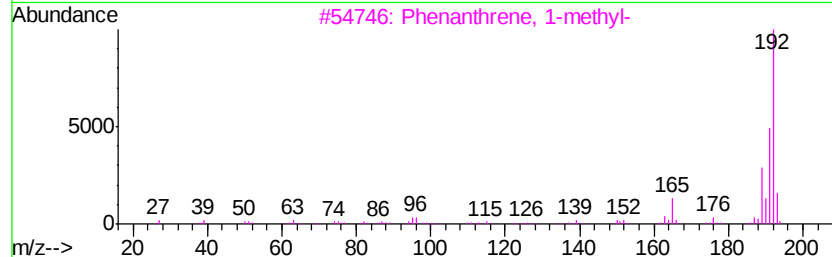
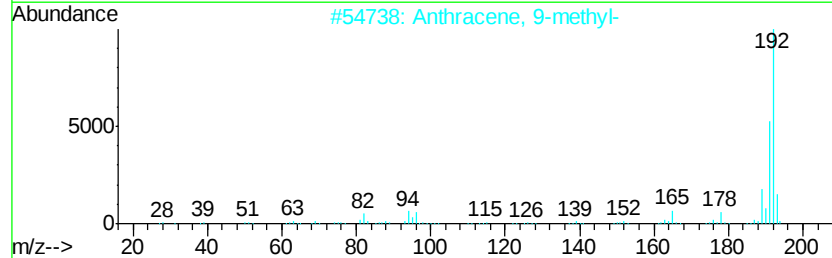
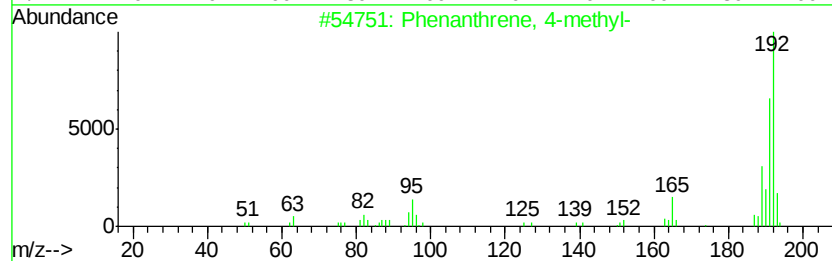
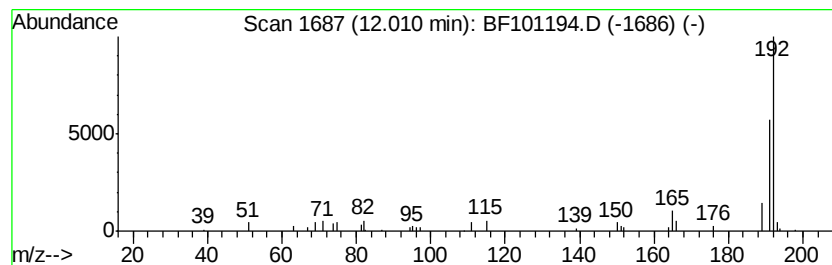
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	3.43 ng	45718	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	72
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	72
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	72
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	72
5			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
Data File : BF101194.D
Acq On : 7 Dec 2017 4:05
Operator : SJ/JU
Sample : I6656-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BART-2-E(7-8)

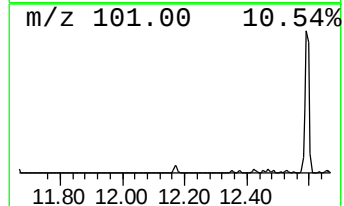
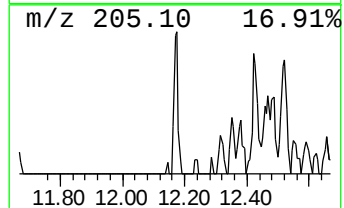
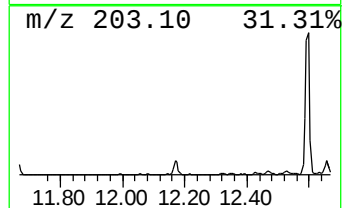
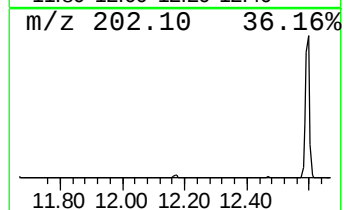
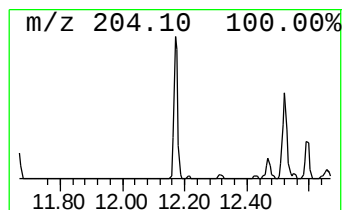
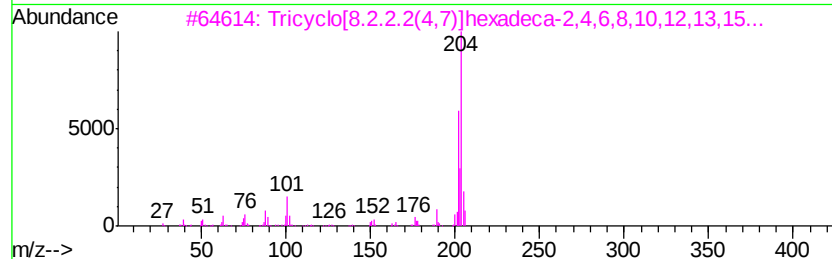
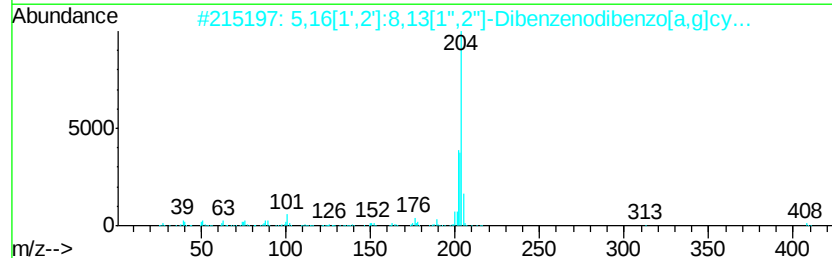
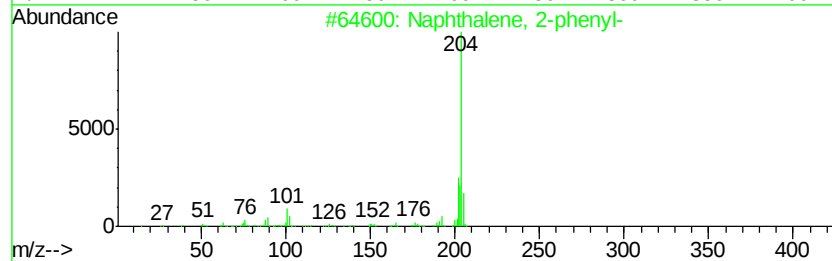
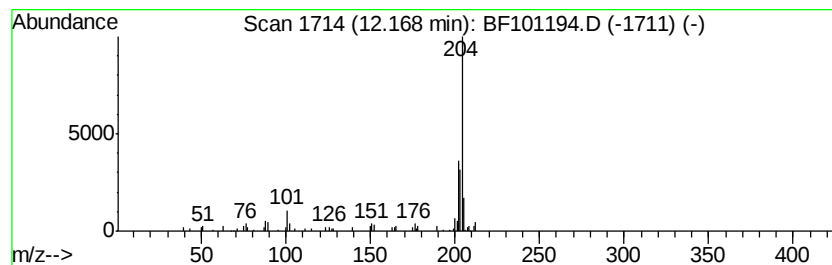
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	4.32 ng	57605	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58
5		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120617\
Data File : BF101194.D
Acq On : 7 Dec 2017 4:05
Operator : SJ/JU
Sample : I6656-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampled :
BART-2-E(7-8)

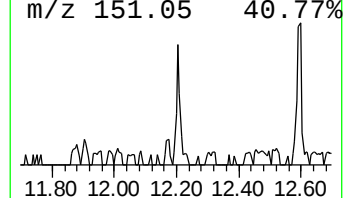
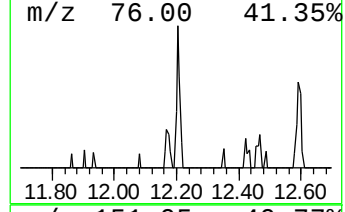
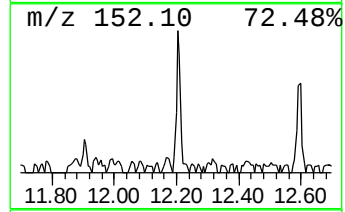
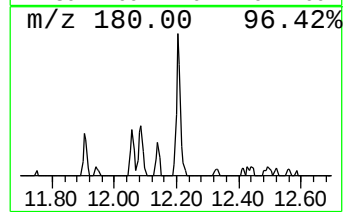
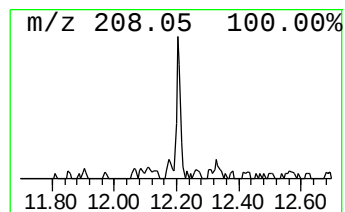
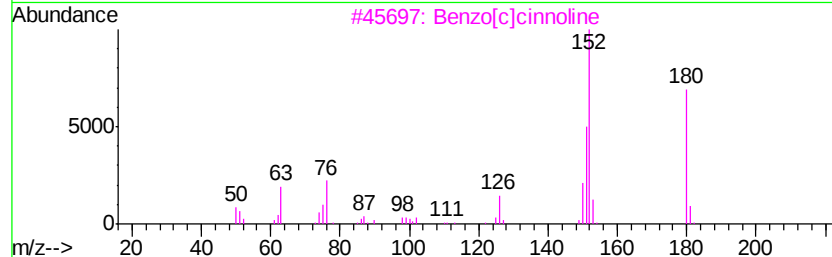
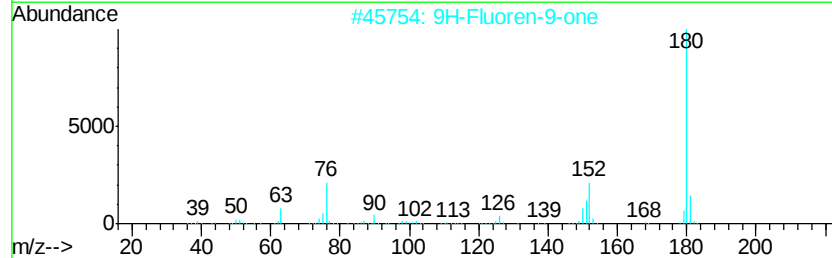
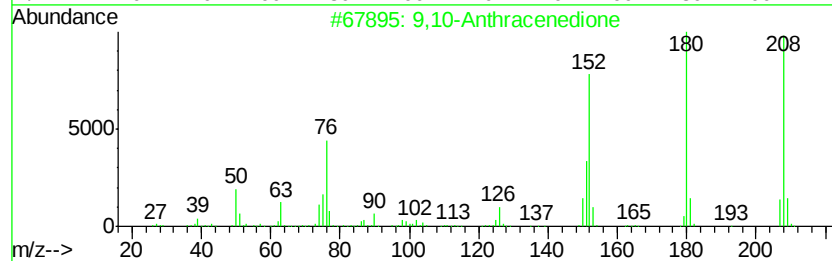
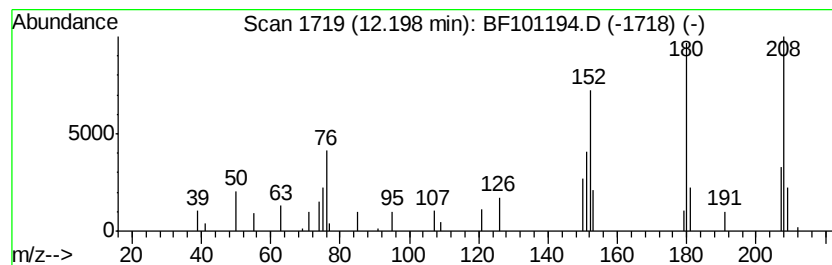
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	3.09 ng	41133	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2			9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
3			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	49
5			5,6-Dimethyl-1,10-phenanthroline	208	C14H12N2	003002-81-1	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120617\
Data File : BF101194.D
Acq On : 7 Dec 2017 4:05
Operator : SJ/JU
Sample : I6656-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BART-2-E(7-8)

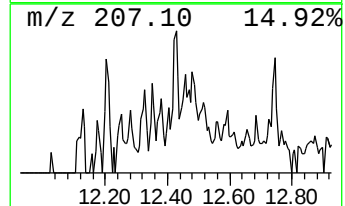
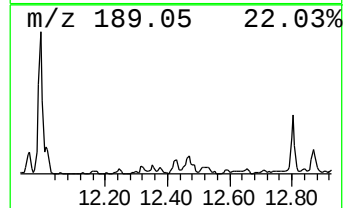
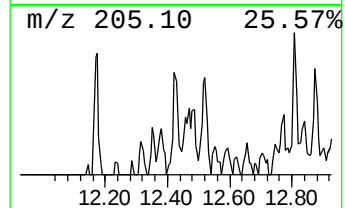
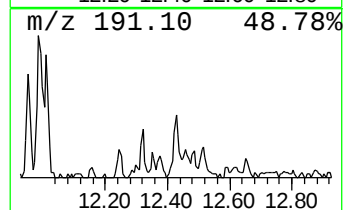
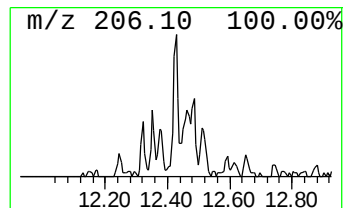
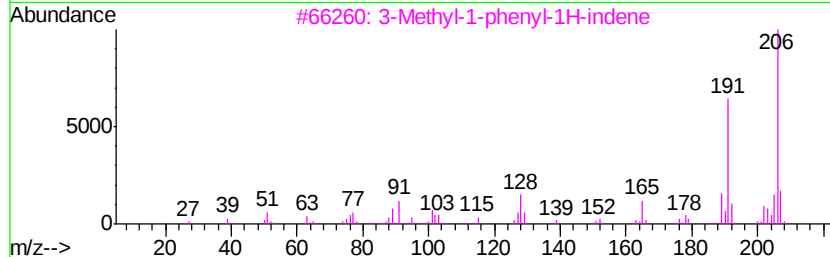
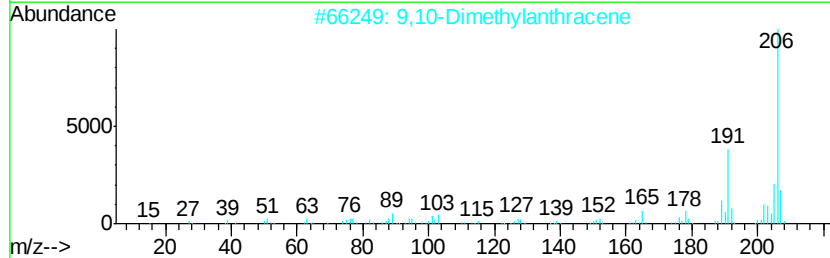
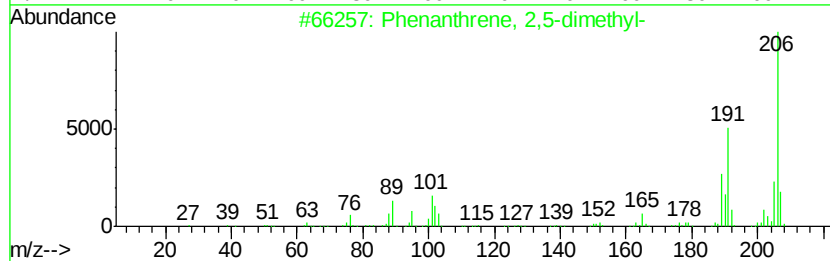
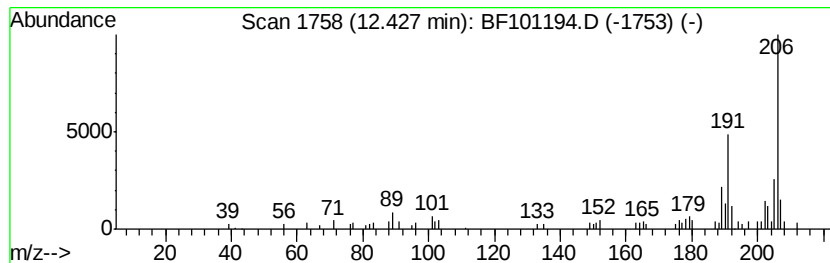
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	3.90 ng	52021	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	83
3		3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	81
4		1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	81
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
Data File : BF101194.D
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Operator : SJ/JU
Sample : I6656-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

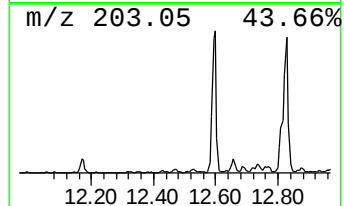
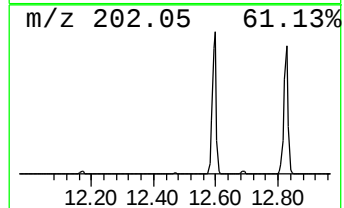
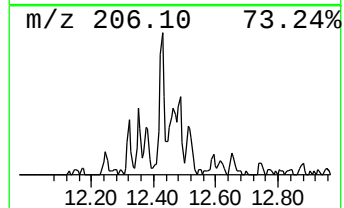
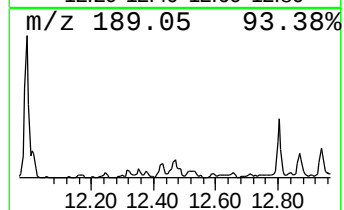
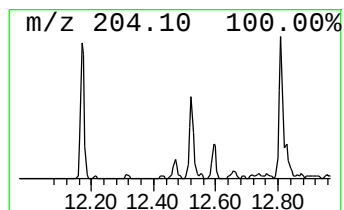
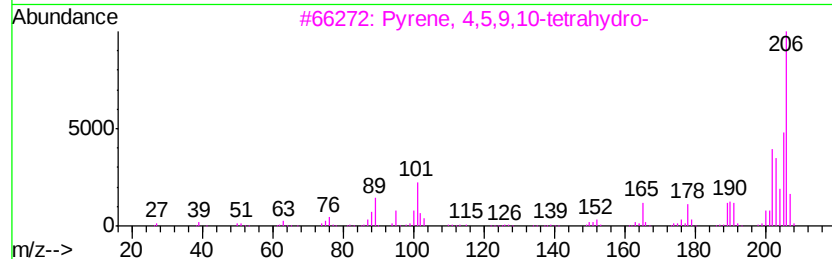
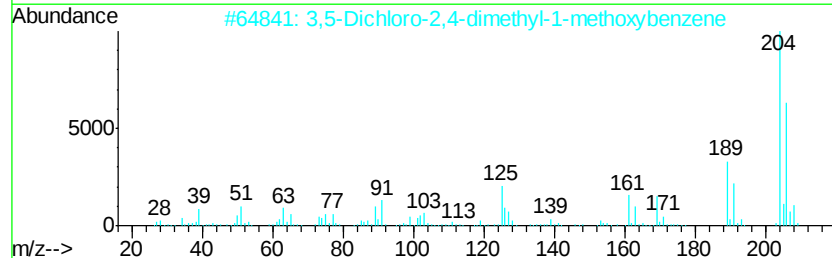
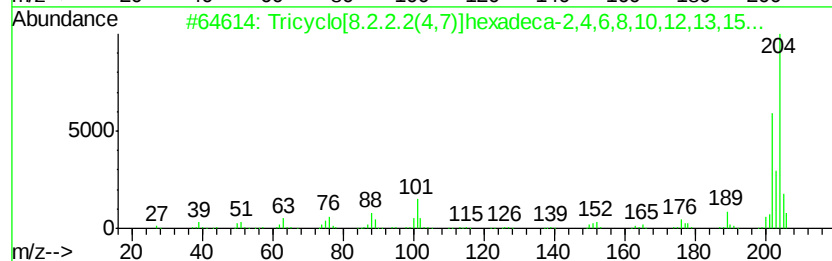
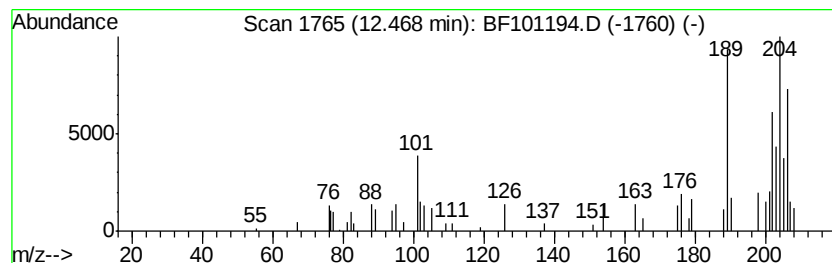
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown12.47 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.47	3.40 ng	45275	Phenanthrene-d10	11.37	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	41
2	3,5-Dichloro-2,4-dimethyl-1-meth...	204	C9H10Cl2O	1000250-17-8	38
3	Pvrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	35
4	Tetramisole	204	C11H12N2S	005036-02-2	30
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120617\
Data File : BF101194.D
Acq On : 7 Dec 2017 4:05
Operator : SJ/JU
Sample : I6656-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BART-2-E(7-8)

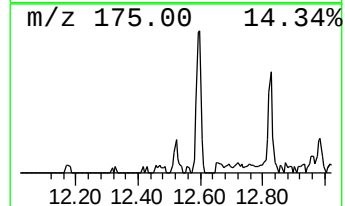
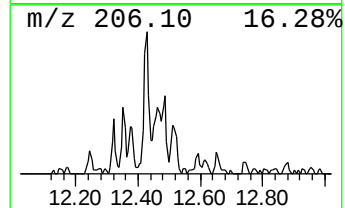
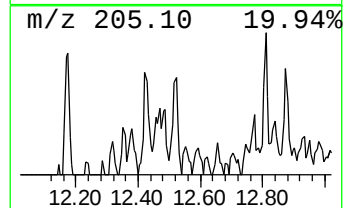
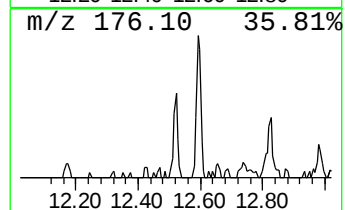
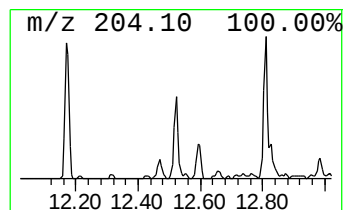
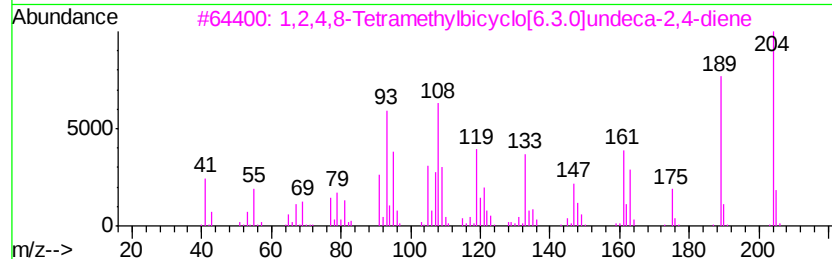
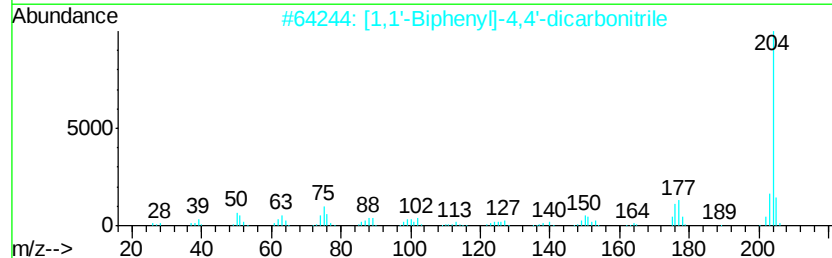
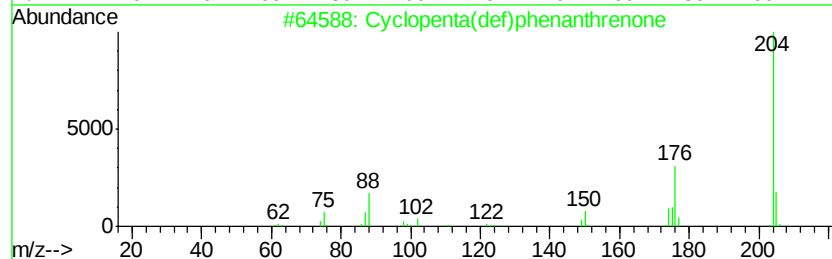
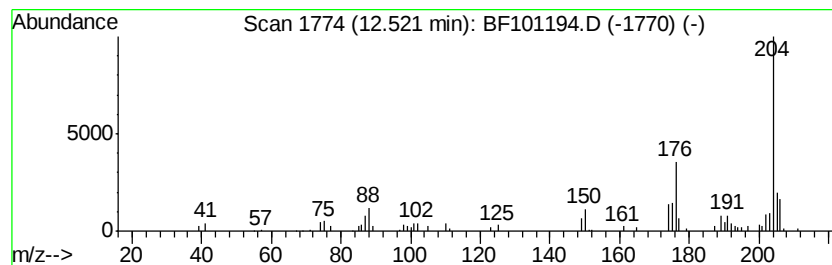
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	3.98 ng	53075	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	59
3		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	53
4		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
5		[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120617\
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Acq On : 7 Dec 2017 4:05
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ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BART-2-E(7-8)

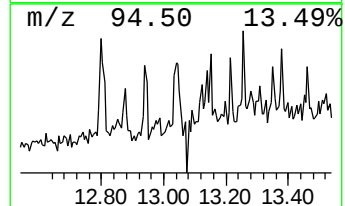
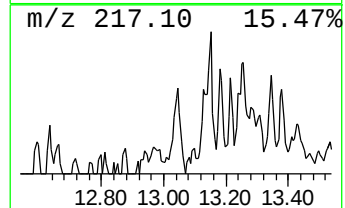
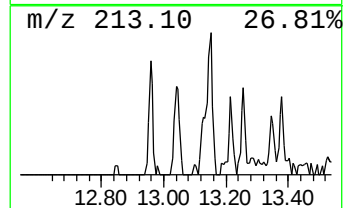
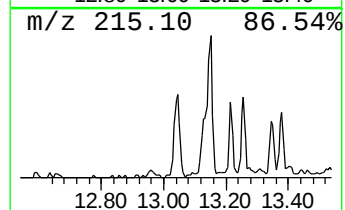
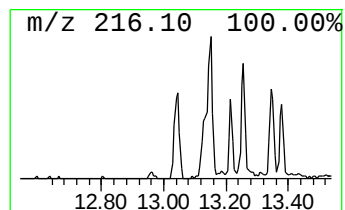
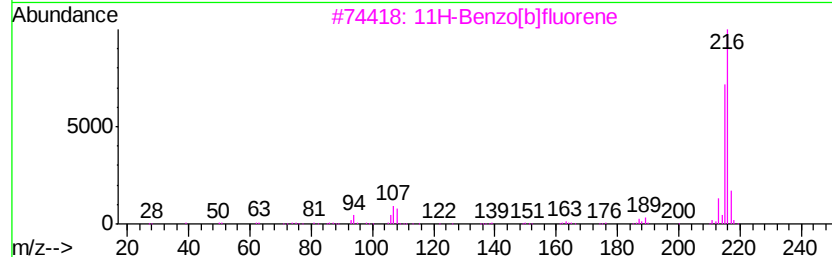
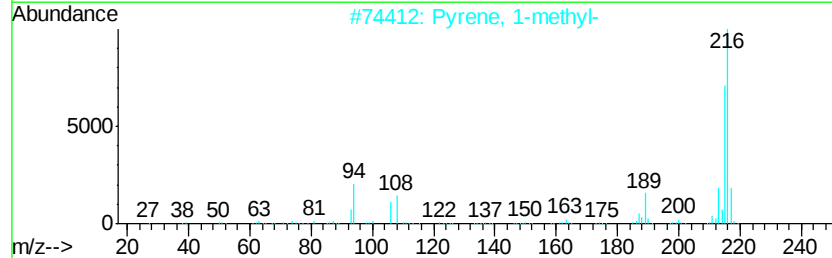
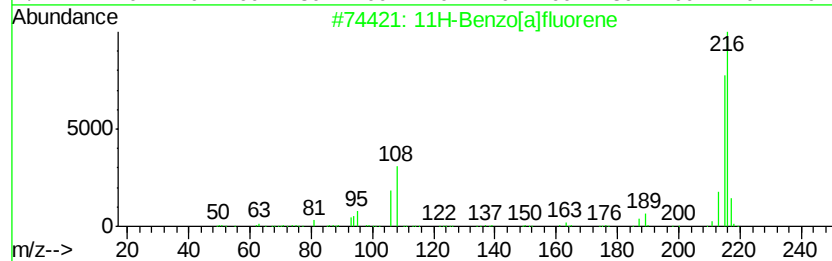
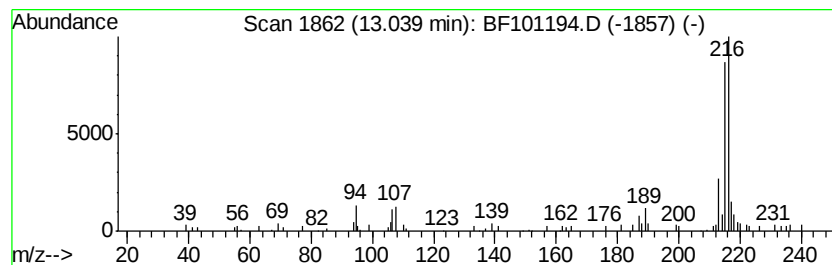
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	2.44 ng	89817	Chrysene-d12	14.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120617\
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Misc :
ALS Vial : 34 Sample Multiplier: 1

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ClientSampleId :
BART-2-E(7-8)

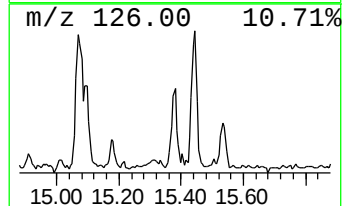
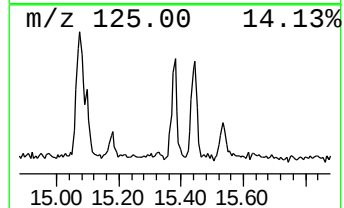
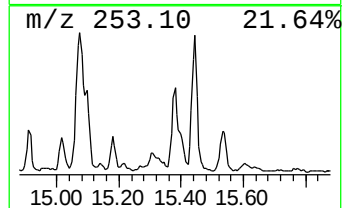
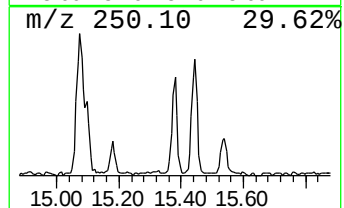
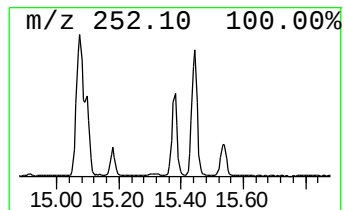
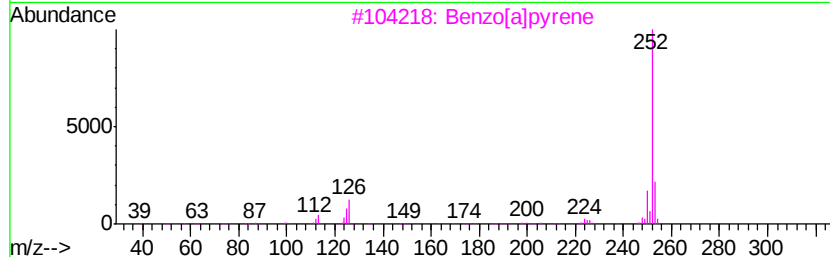
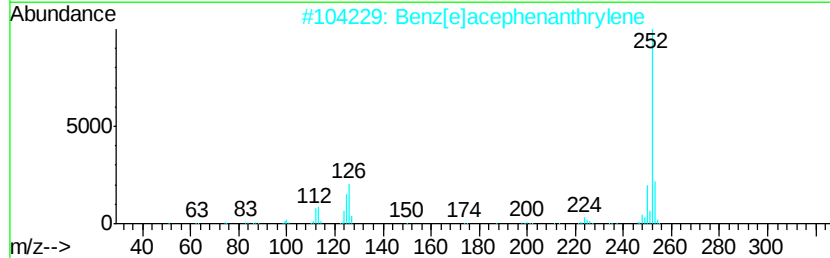
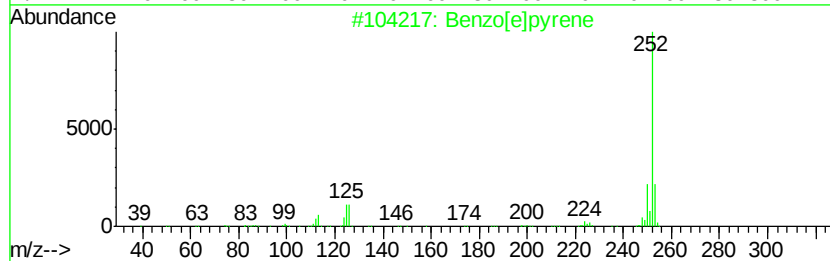
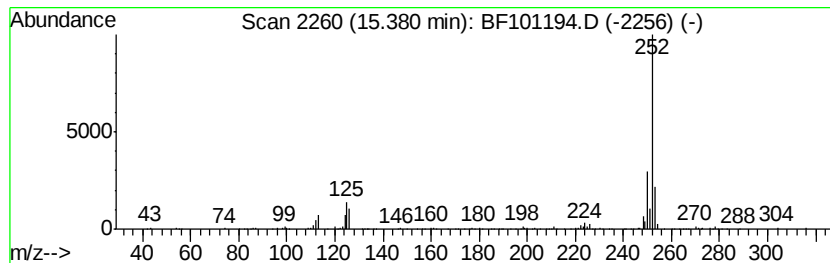
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	17.44 ng	179209	Perylene-d12	15.50

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120617\
 Data File : BF101194.D
 Acq On : 7 Dec 2017 4:05
 Operator : SJ/JU
 Sample : I6656-07
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BART-2-E(7-8)

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3-Penten-2-one, 4...	4.43	9.3	ng	115592	1	6.85	248328	20.0
2-Pentanone, 4-hy...	5.06	19.3	ng	239978	1	6.85	248328	20.0
unknown6.62	6.62	63.9	ng	793937	1	6.85	248328	20.0
Dodecane	10.30	2.7	ng	38861	3	9.89	288442	20.0
9H-Fluoren-9-one	11.18	3.1	ng	40772	4	11.37	266508	20.0
Naphtho[1,2-b]thi...	11.27	4.0	ng	53572	4	11.37	266508	20.0
Phenanthrene, 1-m...	11.87	6.8	ng	90475	4	11.37	266508	20.0
Phenanthrene, 2-m...	11.95	3.3	ng	44067	4	11.37	266508	20.0
4H-Cyclopenta[def...	11.99	10.1	ng	134514	4	11.37	266508	20.0
Phenanthrene, 4-m...	12.01	3.4	ng	45718	4	11.37	266508	20.0
Naphthalene, 2-ph...	12.17	4.3	ng	57605	4	11.37	266508	20.0
9,10-Anthracenedione	12.20	3.1	ng	41133	4	11.37	266508	20.0
Phenanthrene, 2,5...	12.43	3.9	ng	52021	4	11.37	266508	20.0
unknown12.47	12.47	3.4	ng	45275	4	11.37	266508	20.0
Cyclopenta(def)ph...	12.52	4.0	ng	53075	4	11.37	266508	20.0
11H-Benzo[a]fluorene	13.04	2.4	ng	89817	5	14.03	736062	20.0
Benzo[e]pyrene	15.38	17.4	ng	179209	6	15.50	205494	20.0