

Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
 Data File : BF103388.D
 Acq On : 3 Mar 2018 1:26
 Operator : SJ/JU
 Sample : J1724-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-16

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-BF022218.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	2.122	3	6	14	rVB	230935	294104	7.24%	0.489%
2	5.116	511	515	526	rBV	105705	150813	3.71%	0.251%
3	5.504	577	581	598	rBV	3355427	3865968	95.16%	6.423%
4	6.522	749	754	772	rBV	3335763	4062576	100.00%	6.750%
5	6.651	772	776	780	rVV	3537694	3783032	93.12%	6.285%
6	6.698	782	784	790	rVB2	41497	45964	1.13%	0.076%
7	6.875	811	814	821	rBV	1153708	1045726	25.74%	1.737%
8	7.034	837	841	854	rBV	2986771	2829922	69.66%	4.702%
9	7.445	907	911	914	rBV	2557050	2484227	61.15%	4.127%
10	8.163	1029	1033	1036	rBV	1389178	1336682	32.90%	2.221%
11	8.880	1152	1155	1161	rBV	51997	61923	1.52%	0.103%
12	9.233	1211	1215	1224	rBV	3351005	3313564	81.56%	5.505%
13	9.304	1224	1227	1230	rVV	102108	99354	2.45%	0.165%
14	9.339	1230	1233	1238	rVB2	46790	50043	1.23%	0.083%
15	9.504	1257	1261	1265	rBV3	54268	79261	1.95%	0.132%
16	9.575	1269	1273	1276	rVV2	81631	94478	2.33%	0.157%
17	9.627	1279	1282	1289	rVB	274883	296538	7.30%	0.493%
18	9.692	1289	1293	1295	rBV2	47482	58010	1.43%	0.096%
19	9.780	1304	1308	1313	rBV	189868	184326	4.54%	0.306%
20	9.833	1313	1317	1320	rVB	208683	166027	4.09%	0.276%
21	9.922	1328	1332	1335	rBV	1290370	1171412	28.83%	1.946%
22	9.951	1335	1337	1340	rVB	159091	132616	3.26%	0.220%
23	10.016	1344	1348	1353	rVB3	48218	77942	1.92%	0.129%
24	10.075	1353	1358	1359	rBV4	57283	82309	2.03%	0.137%
25	10.122	1363	1366	1369	rBV2	129834	138734	3.41%	0.231%
26	10.157	1369	1372	1376	rVB3	112850	113619	2.80%	0.189%
27	10.233	1381	1385	1388	rBV	97152	112100	2.76%	0.186%
28	10.263	1388	1390	1395	rVB2	76257	75069	1.85%	0.125%
29	10.333	1395	1402	1406	rBV2	261373	300342	7.39%	0.499%
30	10.469	1422	1425	1431	rVB2	178839	185088	4.56%	0.308%
31	10.551	1437	1439	1442	rVV2	115797	116910	2.88%	0.194%
32	10.610	1446	1449	1450	rVV3	62132	73830	1.82%	0.123%
33	10.627	1450	1452	1455	rVB2	94335	95453	2.35%	0.159%
34	10.716	1463	1467	1473	rBV	1628069	1665874	41.01%	2.768%

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35	10.810	1480	1483	1492	rVB2	171177	284303	7.00%	0.472%
36	11.016	1513	1518	1521	rBV3	133452	211331	5.20%	0.351%
37	11.045	1521	1523	1526	rVV2	128392	132180	3.25%	0.220%
38	11.098	1530	1532	1535	rVV2	85453	78985	1.94%	0.131%
39	11.145	1535	1540	1542	rVV2	91076	156777	3.86%	0.260%
40	11.169	1542	1544	1548	rVV2	117861	126511	3.11%	0.210%
41	11.221	1549	1553	1556	rVV	83142	113867	2.80%	0.189%
42	11.257	1556	1559	1563	rVV4	217175	272252	6.70%	0.452%
43	11.310	1565	1568	1574	rVB	161838	167755	4.13%	0.279%
44	11.416	1582	1586	1588	rBV	1100595	1107568	27.26%	1.840%
45	11.439	1588	1590	1593	rVV	1991047	1603734	39.48%	2.665%
46	11.492	1595	1599	1601	rBV	578294	522015	12.85%	0.867%
47	11.651	1621	1626	1629	rBV3	115333	197245	4.86%	0.328%
48	11.680	1629	1631	1633	rVV2	95538	93192	2.29%	0.155%
49	11.704	1633	1635	1637	rVV	97304	71963	1.77%	0.120%
50	11.745	1637	1642	1647	rVV3	137006	196881	4.85%	0.327%
51	11.827	1653	1656	1661	rVB2	73921	93839	2.31%	0.156%
52	11.874	1661	1664	1666	rBV	48227	52956	1.30%	0.088%
53	11.916	1668	1671	1674	rVV	588850	678327	16.70%	1.127%
54	11.945	1674	1676	1680	rVV	769115	610367	15.02%	1.014%
55	11.992	1681	1684	1687	rVV	338390	306019	7.53%	0.508%
56	12.027	1687	1690	1693	rVV2	767793	961363	23.66%	1.597%
57	12.051	1693	1694	1698	rVB	482463	311552	7.67%	0.518%
58	12.092	1698	1701	1703	rBV2	98016	74709	1.84%	0.124%
59	12.151	1708	1711	1713	rVV	83329	74873	1.84%	0.124%
60	12.210	1717	1721	1725	rVV	413475	422208	10.39%	0.701%
61	12.245	1725	1727	1731	rVB2	190901	186511	4.59%	0.310%
62	12.286	1731	1734	1736	rBV	68255	59350	1.46%	0.099%
63	12.357	1741	1746	1750	rBV2	189098	265472	6.53%	0.441%
64	12.392	1750	1752	1754	rVV	188589	136679	3.36%	0.227%
65	12.416	1754	1756	1759	rVB	150124	125972	3.10%	0.209%
66	12.468	1761	1765	1768	rBV	533120	604065	14.87%	1.004%
67	12.510	1768	1772	1773	rVV2	249847	327182	8.05%	0.544%
68	12.527	1773	1775	1777	rVB	165682	122547	3.02%	0.204%
69	12.563	1777	1781	1785	rBV2	272079	388010	9.55%	0.645%
70	12.639	1789	1794	1797	rBV	2754804	2857462	70.34%	4.748%
71	12.668	1797	1799	1801	rVV	99543	88523	2.18%	0.147%

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72	12.698	1801	1804	1807	rVB	120259	101842	2.51%	0.169%
73	12.727	1807	1809	1812	rVB	63334	53431	1.32%	0.089%
74	12.786	1815	1819	1821	rBV2	180854	192179	4.73%	0.319%
75	12.810	1821	1823	1826	rVB	134364	129508	3.19%	0.215%
76	12.874	1826	1834	1838	rBV2	2434111	3362780	82.77%	5.587%
77	12.915	1838	1841	1845	rVB2	241281	264474	6.51%	0.439%
78	12.998	1848	1855	1858	rBV	2107387	2153405	53.01%	3.578%
79	13.027	1858	1860	1864	rVB2	171830	166704	4.10%	0.277%
80	13.086	1865	1870	1874	rBV2	314324	562207	13.84%	0.934%
81	13.192	1881	1888	1894	rBV	557424	857738	21.11%	1.425%
82	13.257	1896	1899	1902	rVV	319713	285722	7.03%	0.475%
83	13.298	1902	1906	1909	rBV2	386407	464137	11.42%	0.771%
84	13.351	1913	1915	1918	rVB3	92883	79095	1.95%	0.131%
85	13.392	1919	1922	1924	rBV	300423	252436	6.21%	0.419%
86	13.421	1924	1927	1930	rBV	275042	264606	6.51%	0.440%
87	13.710	1973	1976	1979	rVB	297450	270218	6.65%	0.449%
88	13.815	1991	1994	1996	rBV	285625	263326	6.48%	0.438%
89	13.839	1996	1998	2001	rVB	287560	233609	5.75%	0.388%
90	13.880	2001	2005	2009	rBV4	567267	768363	18.91%	1.277%
91	13.921	2009	2012	2015	rVB	242573	227214	5.59%	0.378%
92	14.062	2032	2036	2040	rBV2	1429310	2201959	54.20%	3.658%
93	14.098	2040	2042	2048	rVB	1352508	1244375	30.63%	2.067%
94	14.180	2053	2056	2058	rBV	206719	206037	5.07%	0.342%
95	14.462	2102	2104	2107	rVB	250875	186812	4.60%	0.310%
96	15.139	2215	2219	2222	rBV	689040	1070375	26.35%	1.778%
97	15.251	2235	2238	2242	rVB	175397	200343	4.93%	0.333%
98	15.451	2269	2272	2278	rVB	367954	458020	11.27%	0.761%
99	15.521	2280	2284	2288	rVV	570824	675174	16.62%	1.122%
100	15.586	2292	2295	2297	rVB	244498	263797	6.49%	0.438%

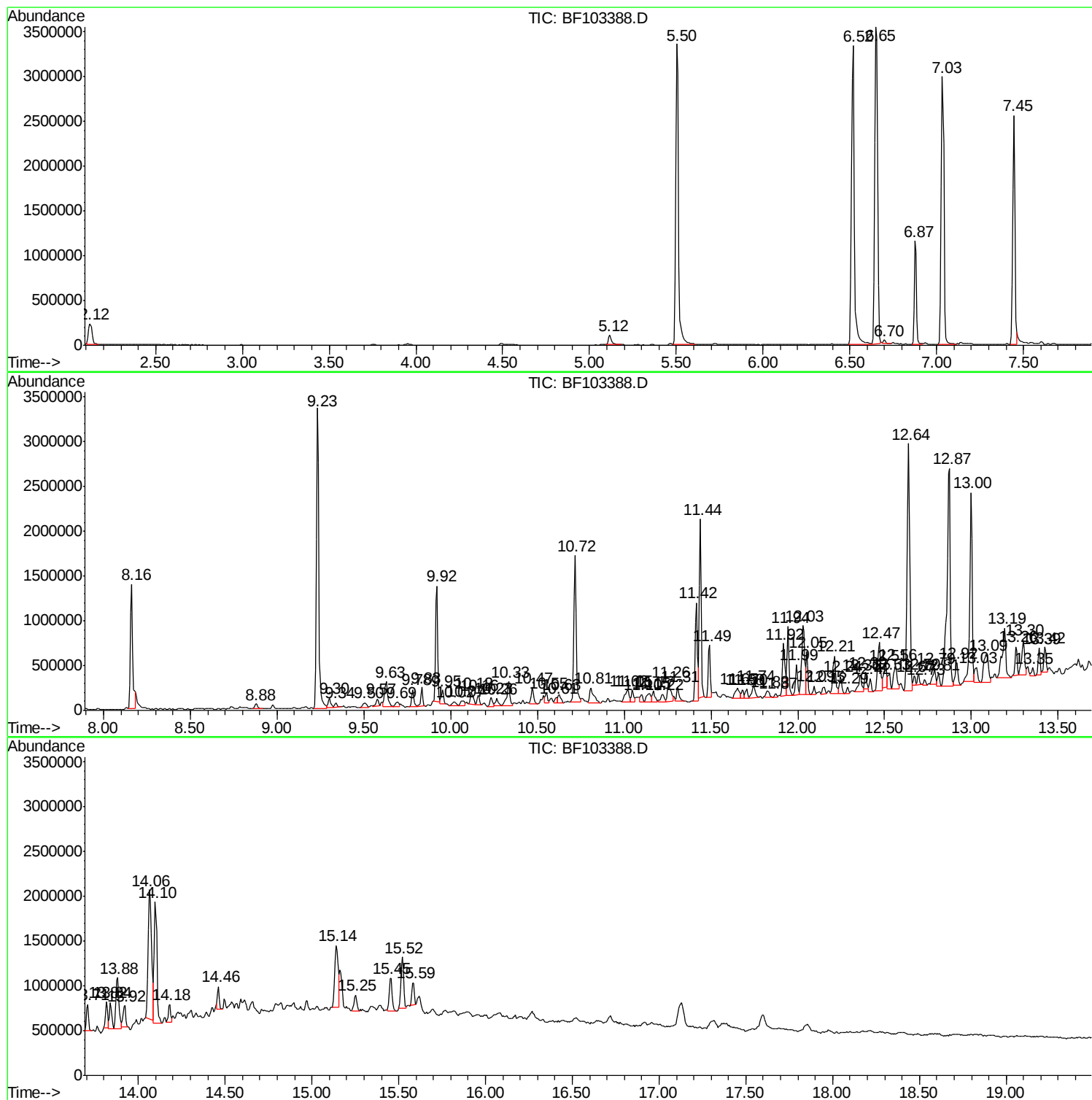
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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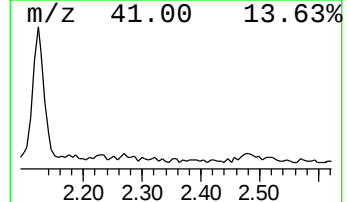
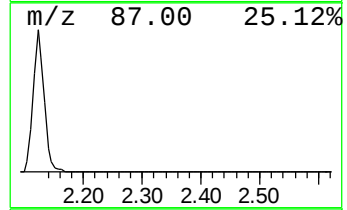
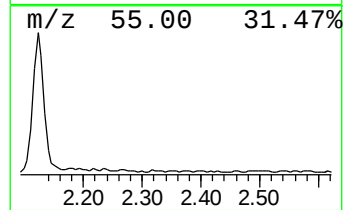
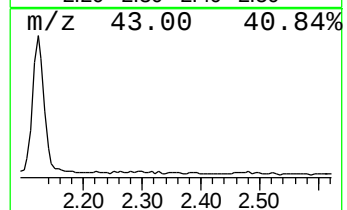
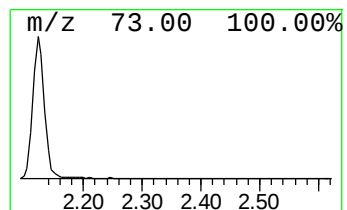
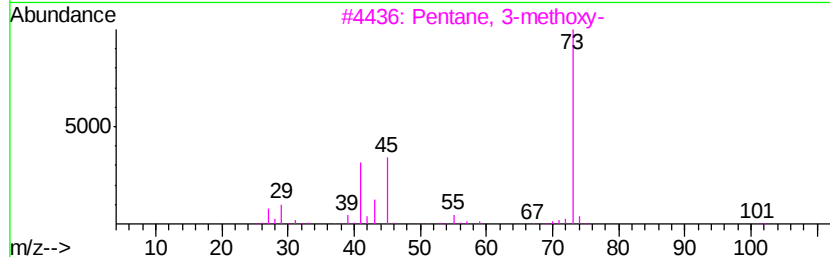
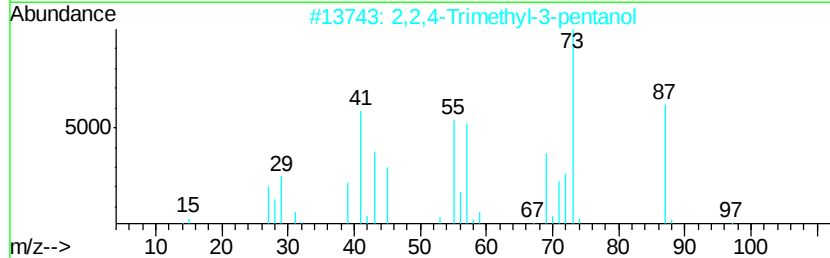
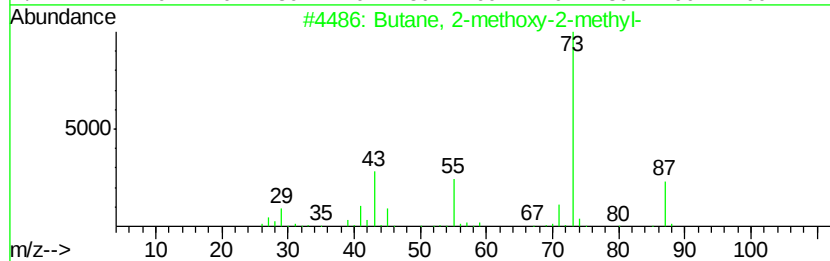
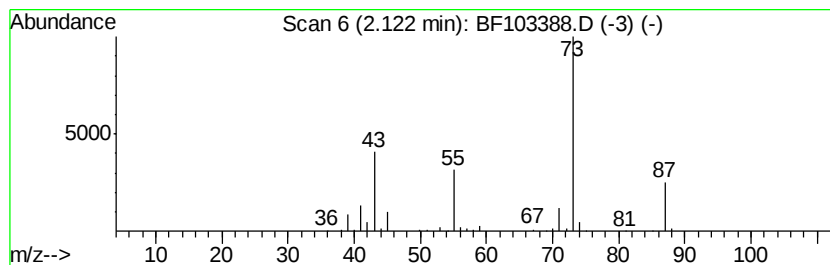
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	5.62 ng	294104	1,4-Dichlorobenzene-d4	6.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4			Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	12
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	10



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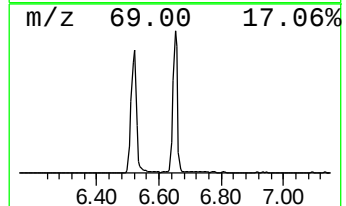
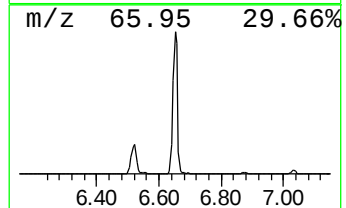
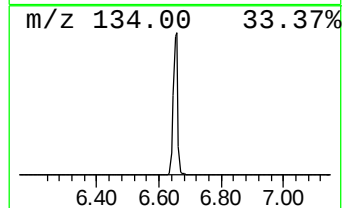
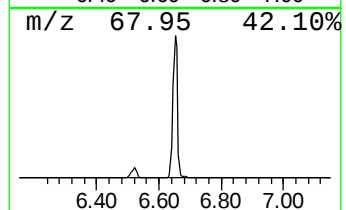
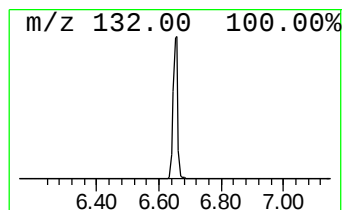
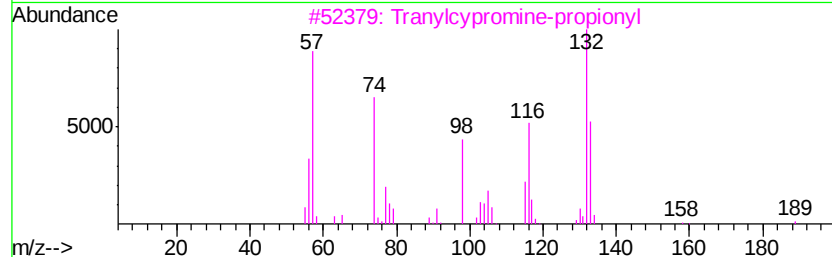
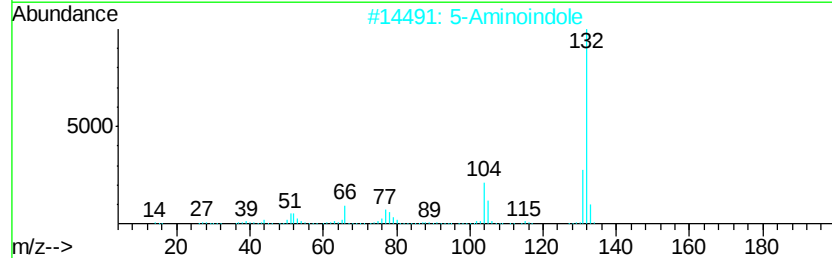
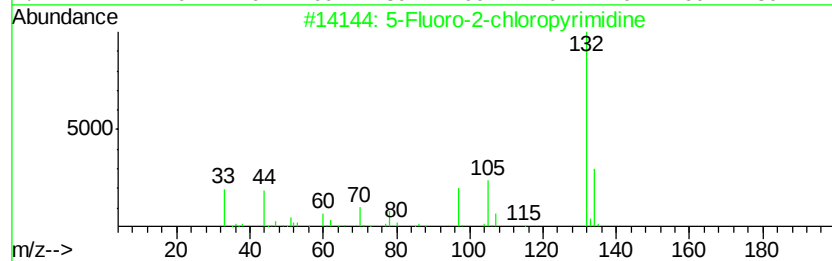
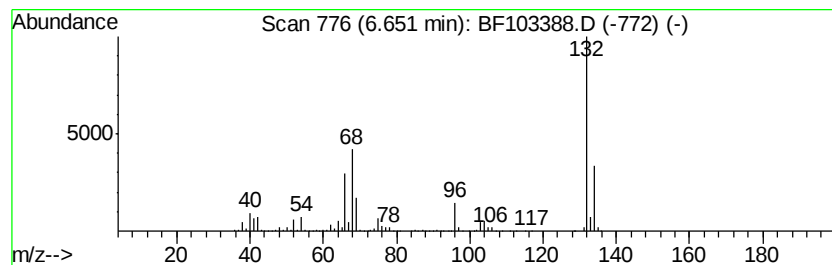
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	72.35 ng	3783030	1,4-Dichlorobenzene-d4	6.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4			(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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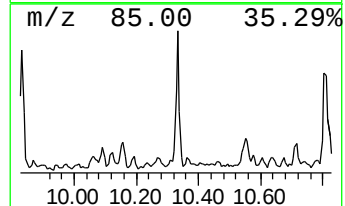
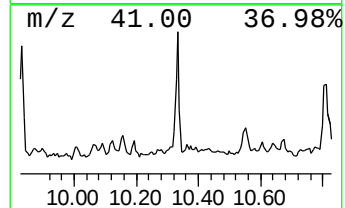
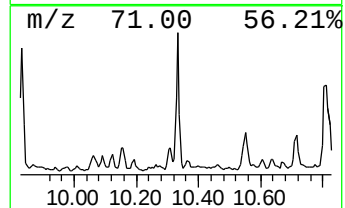
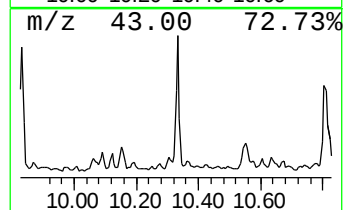
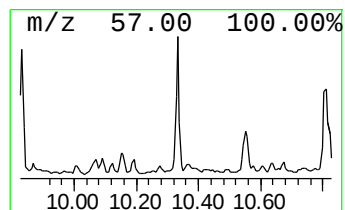
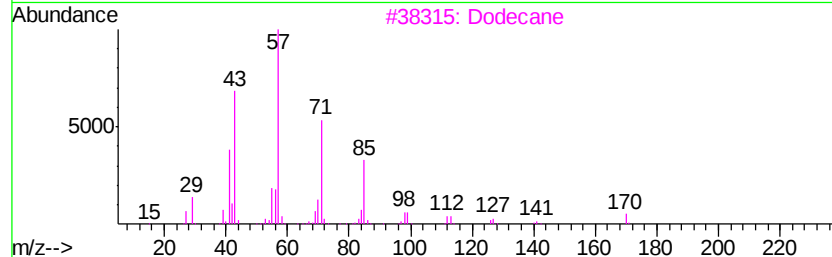
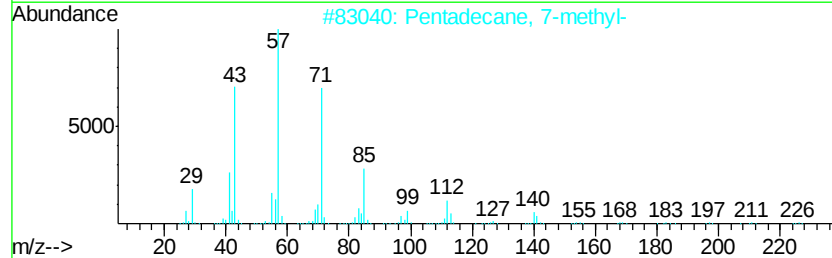
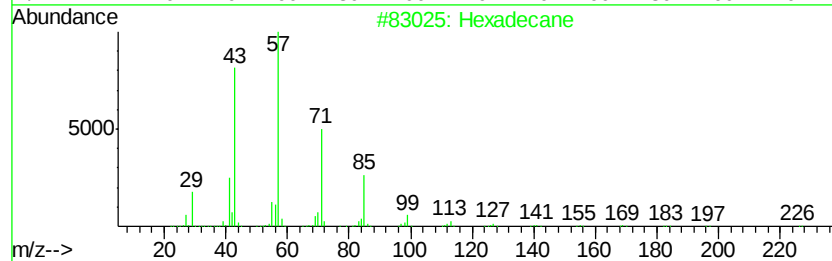
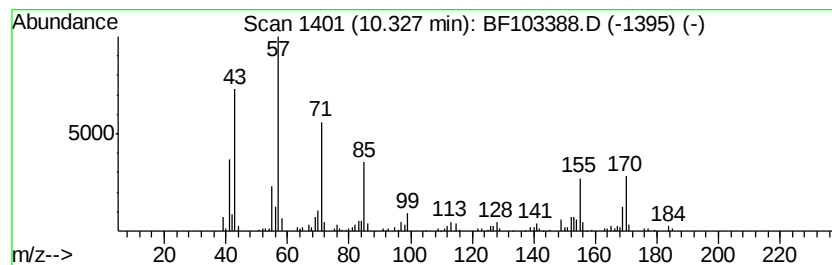
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	5.13 ng	300342	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	95
2	Pentadecane, 7-methyl-	226 C16H34	006165-40-8	91
3	Dodecane	170 C12H26	000112-40-3	83
4	Nonane, 5-butyl-	184 C13H28	017312-63-9	78
5	Tetradecane, 6,9-dimethyl-	226 C16H34	055045-13-1	76



Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103388.D
Acq On : 3 Mar 2018 1:26
Operator : SJ/JU
Sample : J1724-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-16

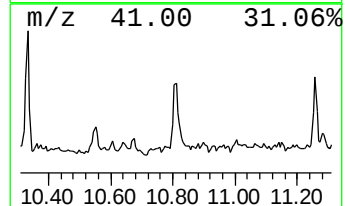
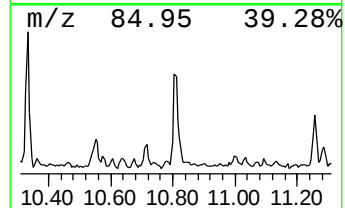
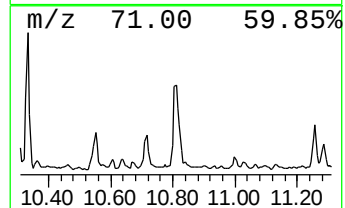
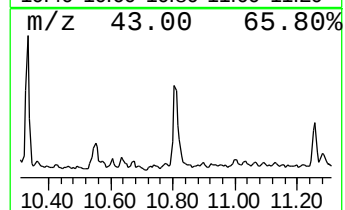
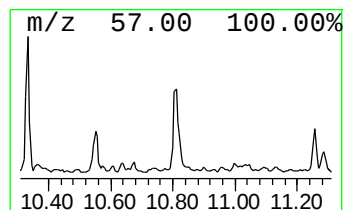
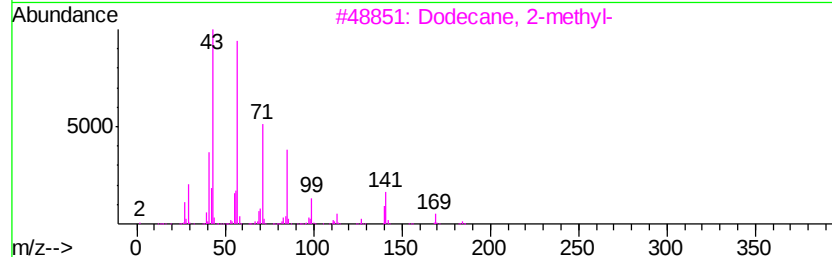
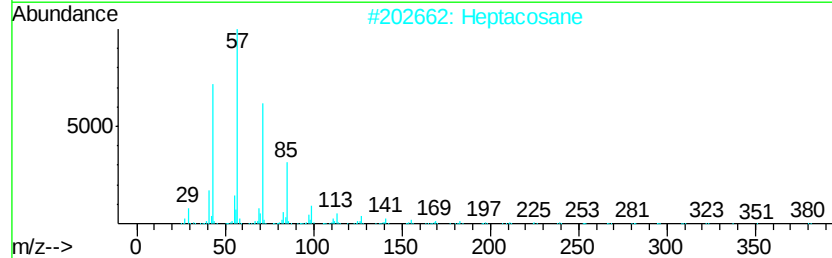
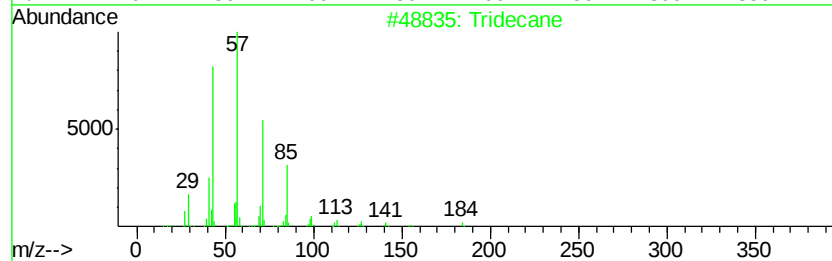
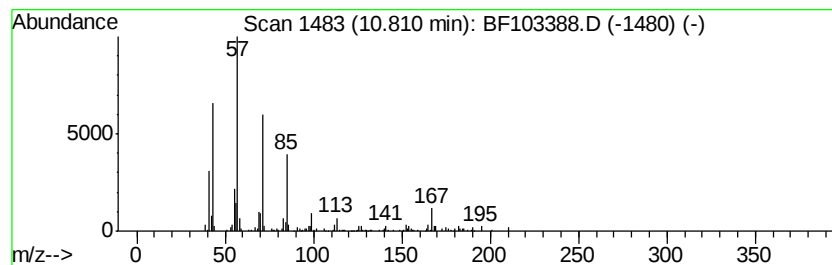
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	5.13 ng	284303	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	81
2	Heptacosane	380	C27H56	000593-49-7	80
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
5	Tetradecane	198	C14H30	000629-59-4	72



Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
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Sample : J1724-09
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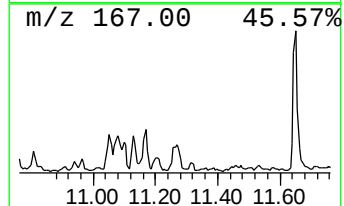
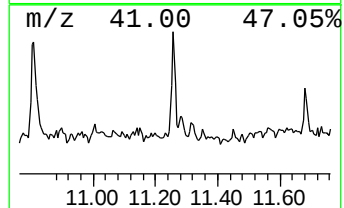
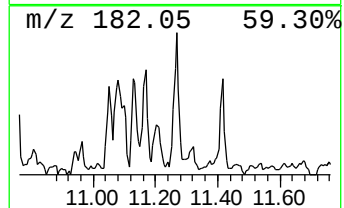
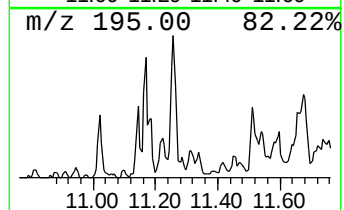
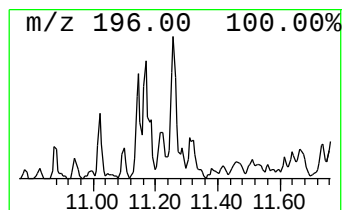
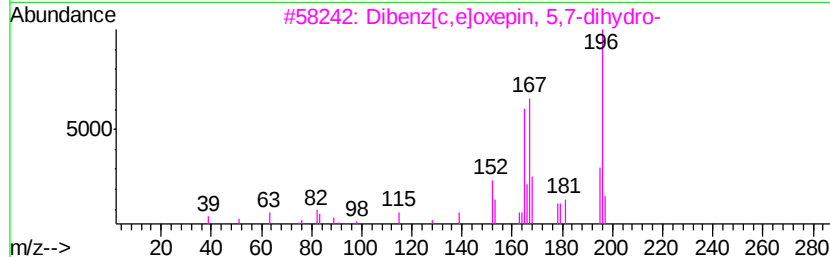
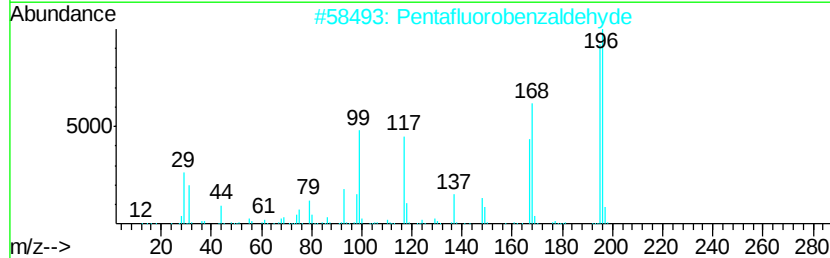
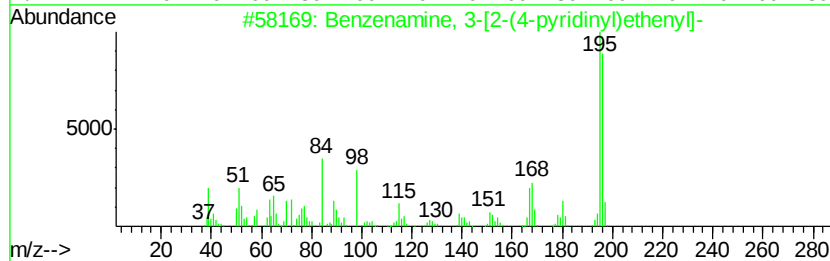
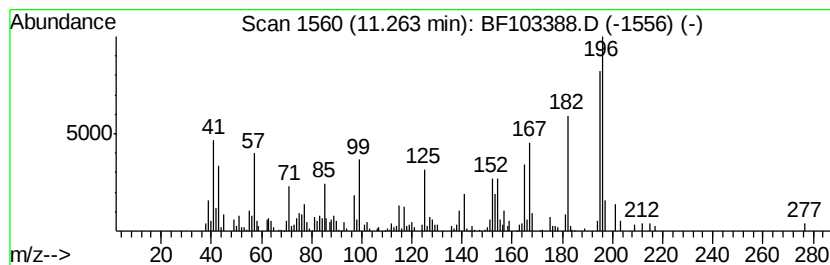
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown11.26 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.26	4.92 ng	272252	Phenanthrene-d10	11.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-[2-(4-pyridinyl)ethenyl]-	196	C13H12N2	1000337-31-3	49
2	Pentafluorobenzaldehyde	196	C7HF5O	000653-37-2	49
3	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	42
4	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	35
5	8-Dimethylaminonaphthalene-1-carboxaldehyde	196	C13H12N2	128644-69-9	30



Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
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Operator : SJ/JU
Sample : J1724-09
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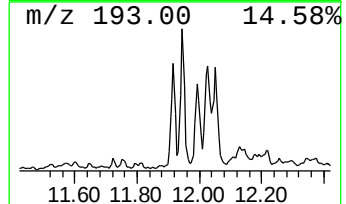
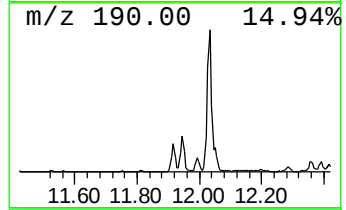
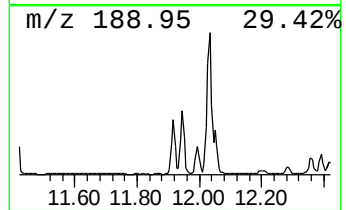
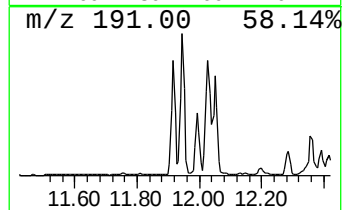
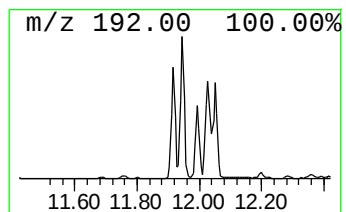
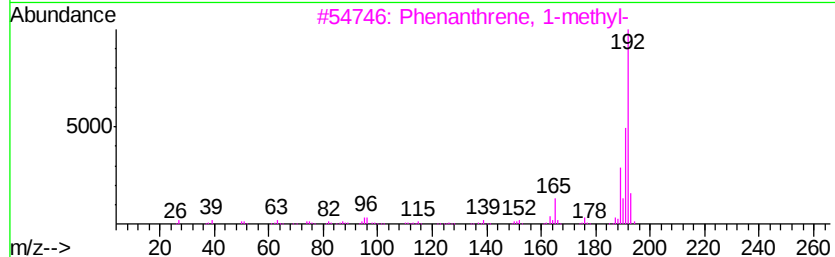
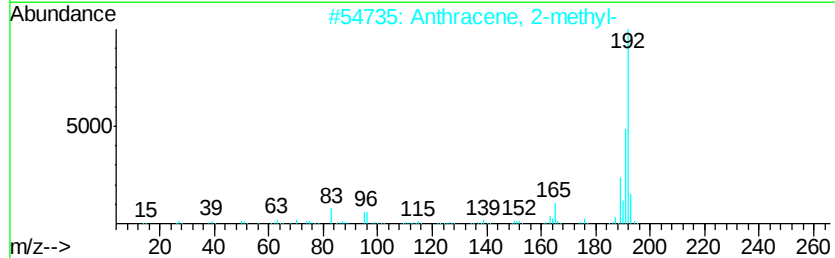
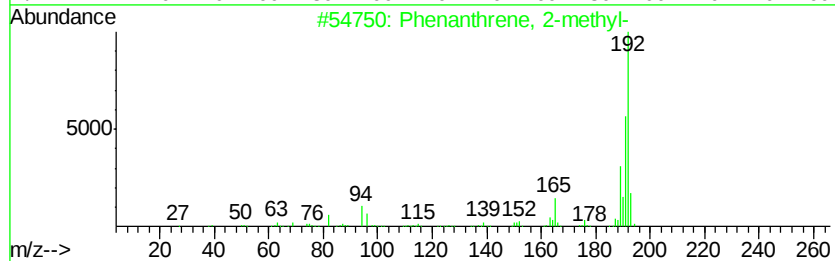
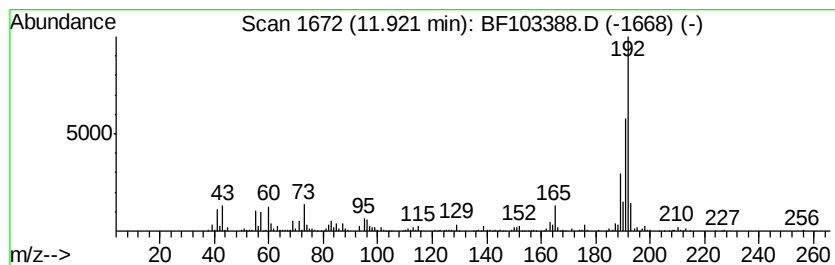
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.92	12.25 ng	678327	Phenanthrene-d10	11.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103388.D
Acq On : 3 Mar 2018 1:26
Operator : SJ/JU
Sample : J1724-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

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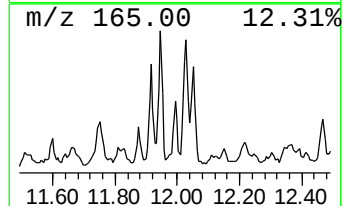
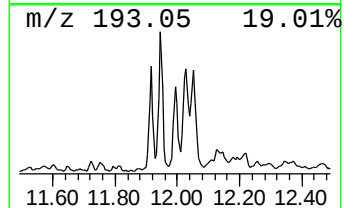
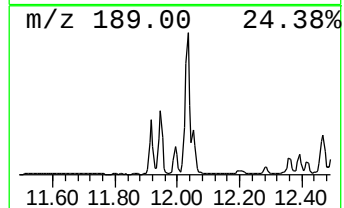
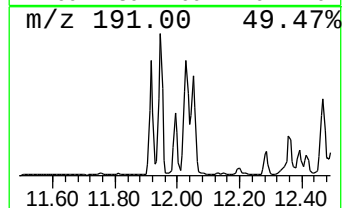
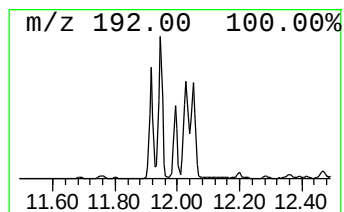
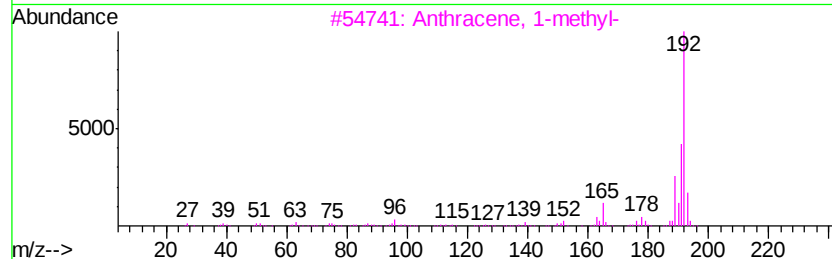
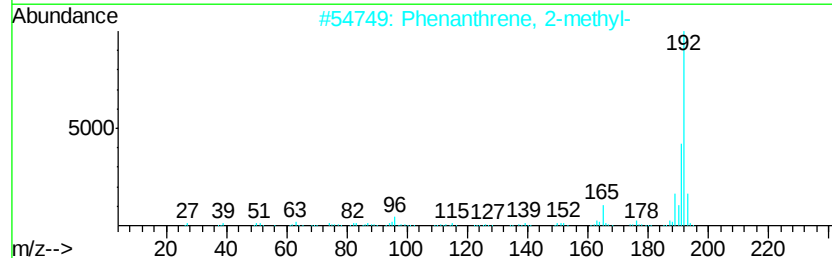
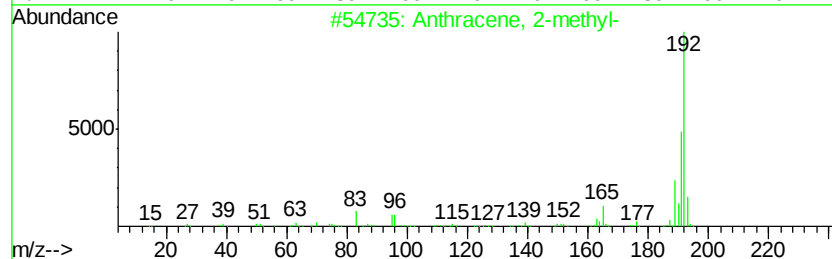
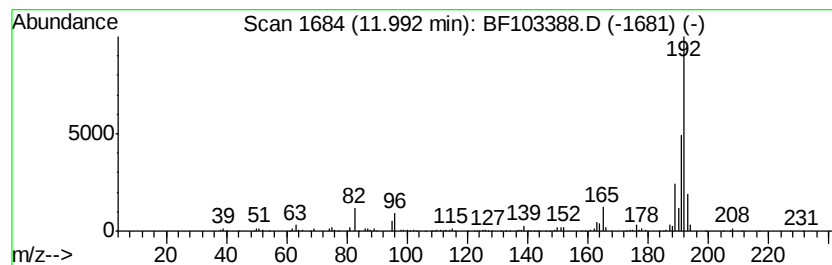
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	5.53 ng	306019	Phenanthrene-d10	11.42

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



Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103388.D
Acq On : 3 Mar 2018 1:26
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ClientSampleId :
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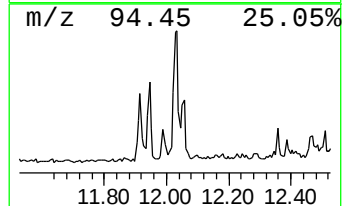
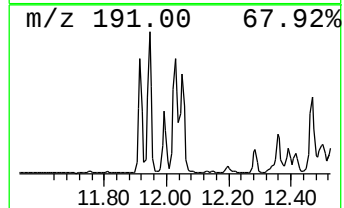
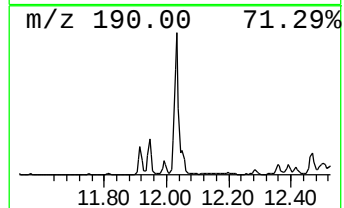
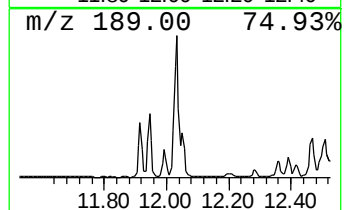
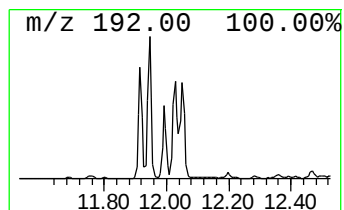
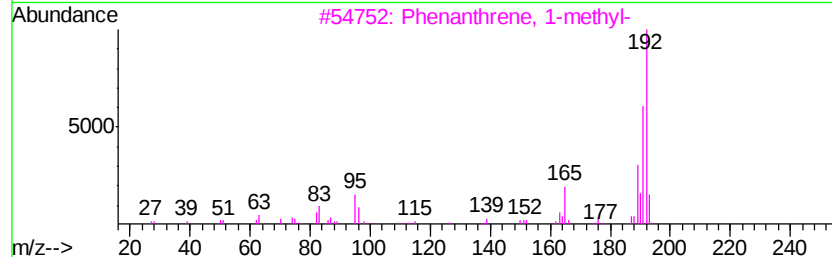
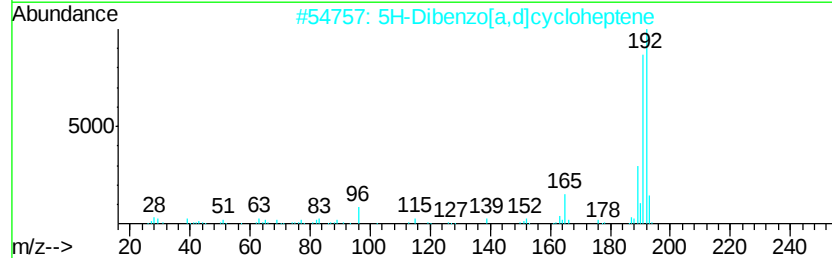
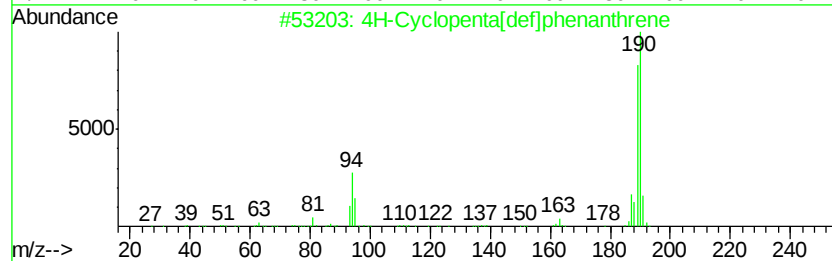
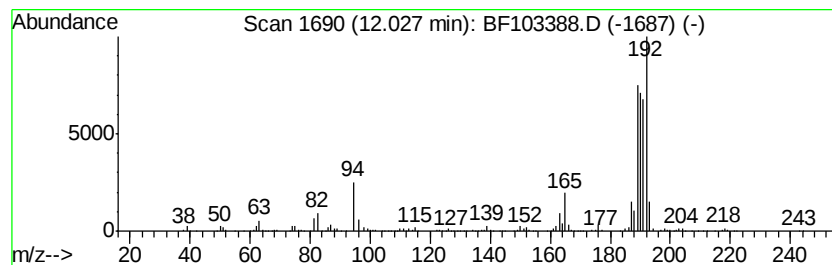
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	17.36 ng	961363	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	50
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	50
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	50
5		1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	50



Data Path : Z:\HPCHEM1\BNA_F\Data\BF030218\
Data File : BF103388.D
Acq On : 3 Mar 2018 1:26
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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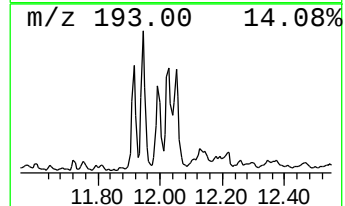
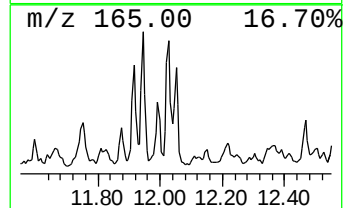
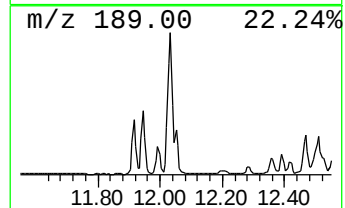
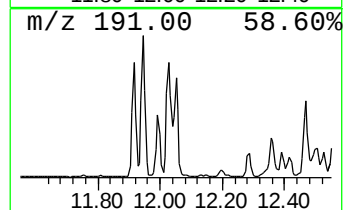
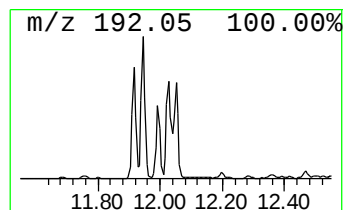
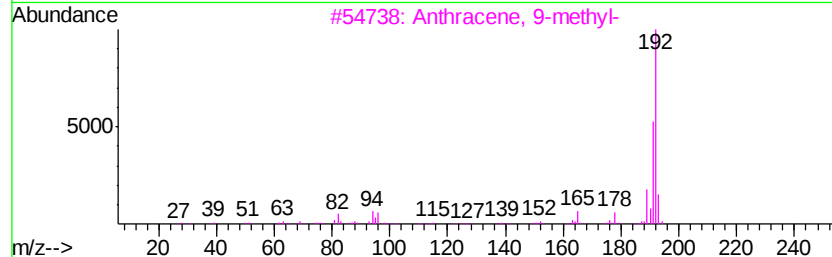
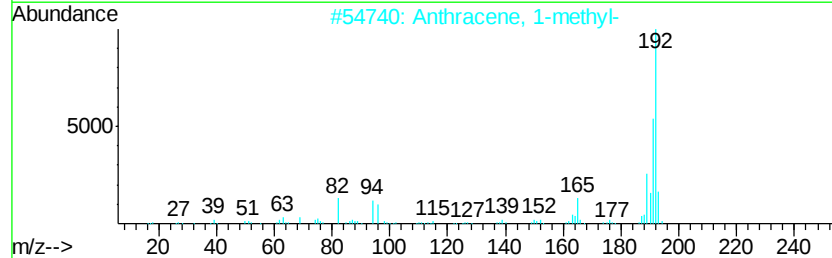
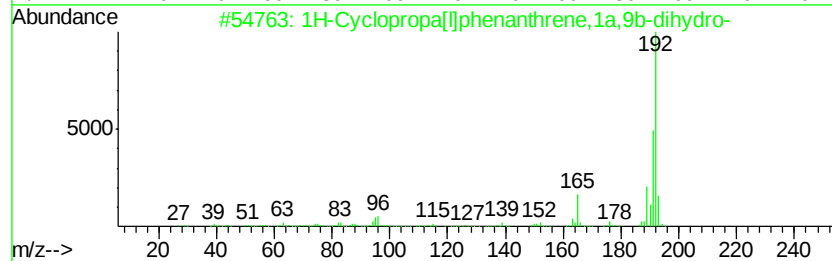
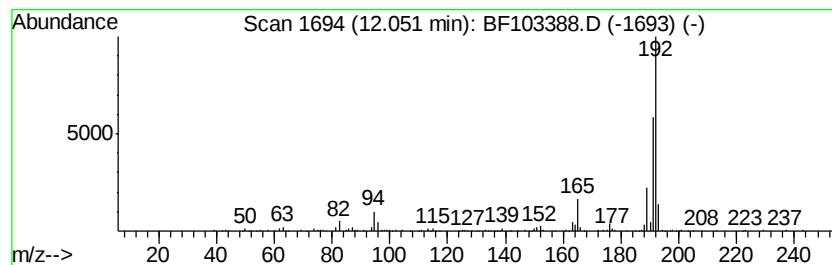
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	5.63 ng	311552	Phenanthrene-d10	11.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	81



Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
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Sample : J1724-09
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ALS Vial : 24 Sample Multiplier: 1

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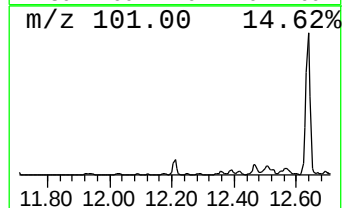
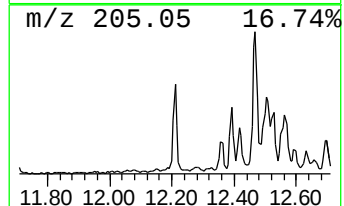
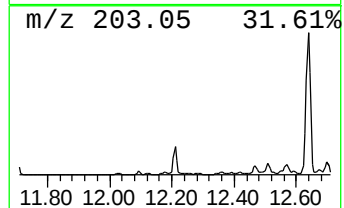
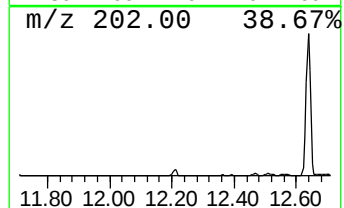
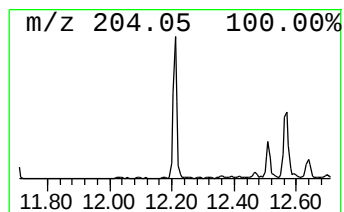
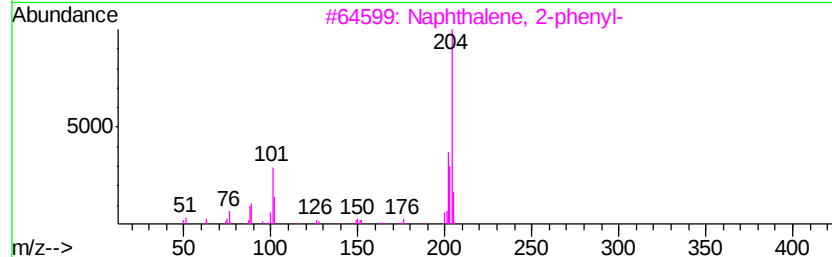
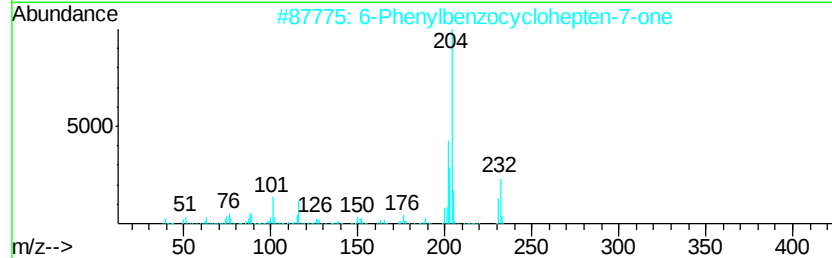
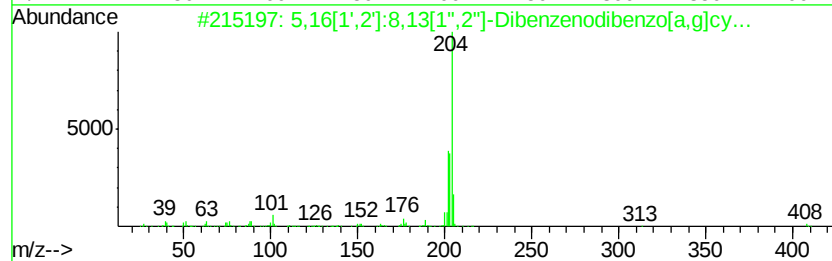
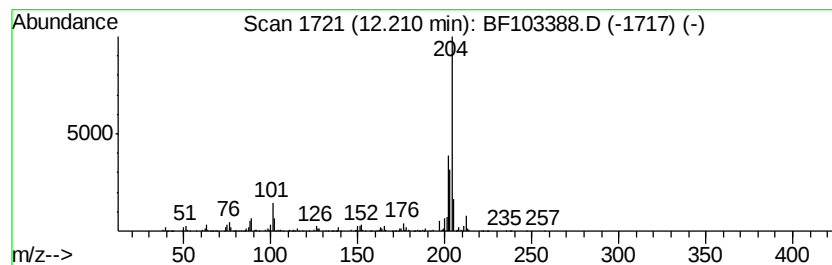
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	7.62 ng	422208	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49



Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103388.D
Acq On : 3 Mar 2018 1:26
Operator : SJ/JU
Sample : J1724-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

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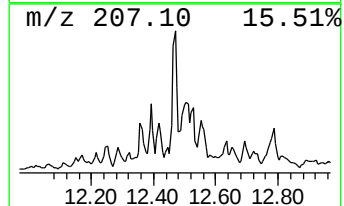
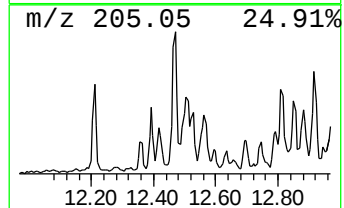
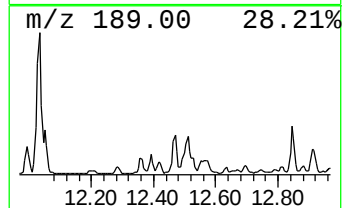
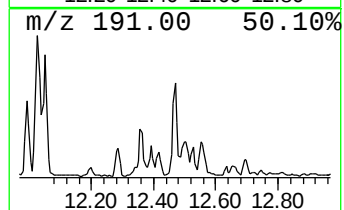
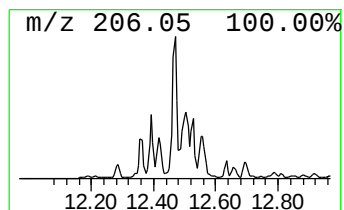
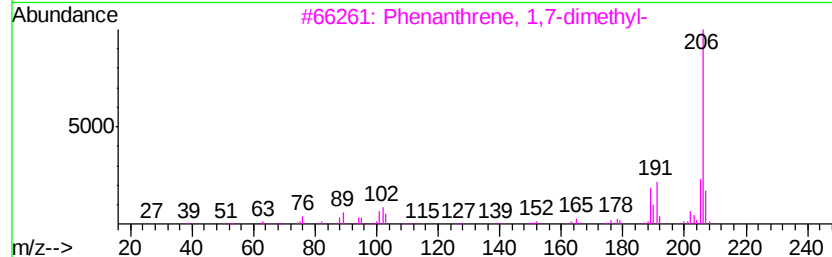
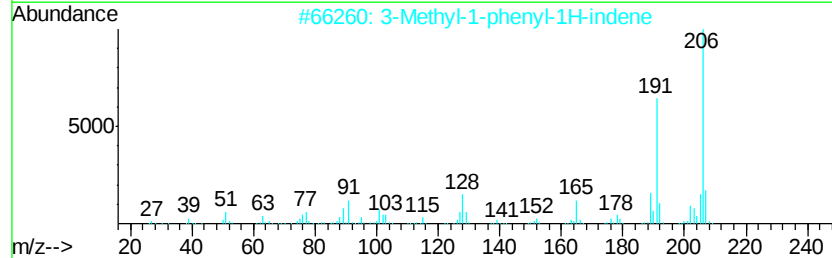
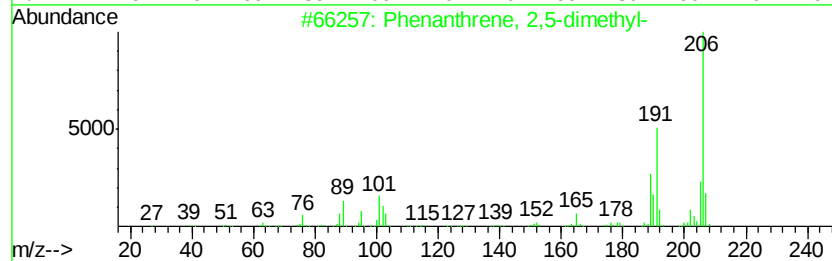
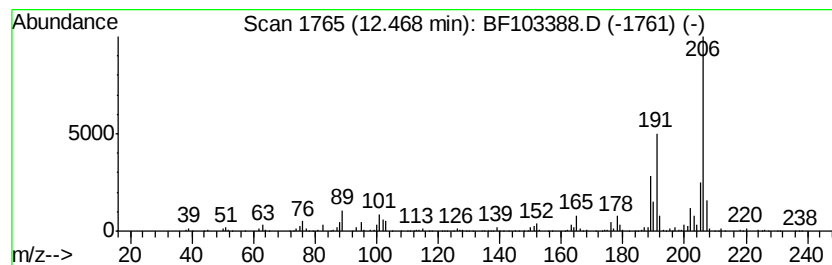
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	10.91 ng	604065	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2		3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	93
3		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93



Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
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ClientSampleId :
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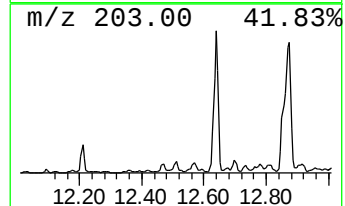
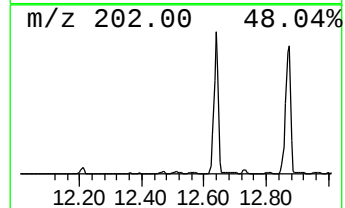
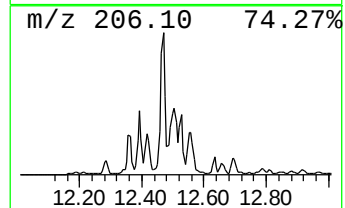
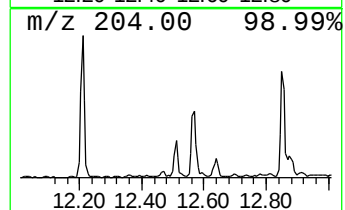
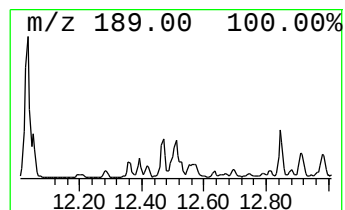
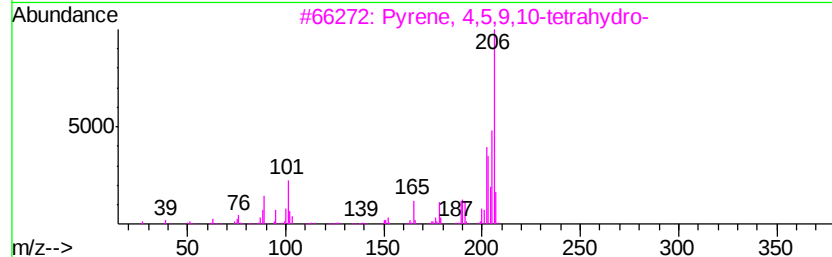
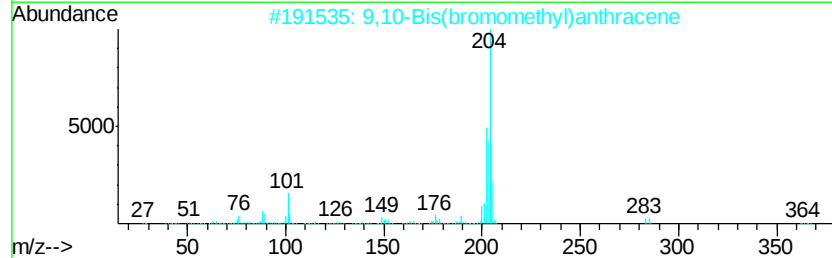
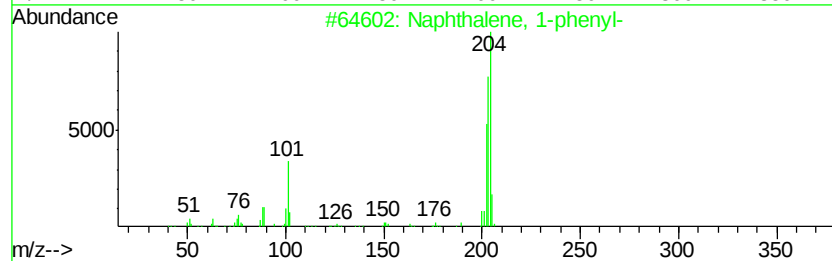
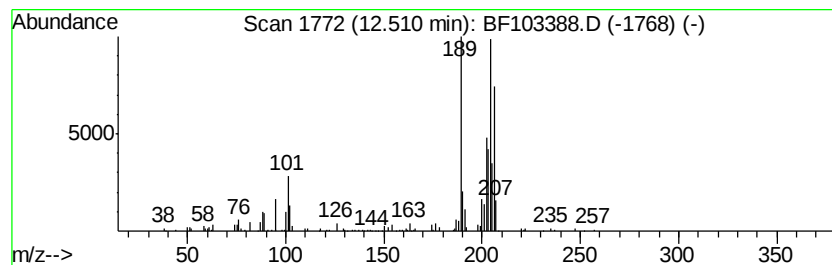
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown12.51 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	5.91 ng	327182	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	47
2		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
3		Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	35
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	30
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	30



Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103388.D
Acq On : 3 Mar 2018 1:26
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Misc :
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Instrument :
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ClientSampleId :
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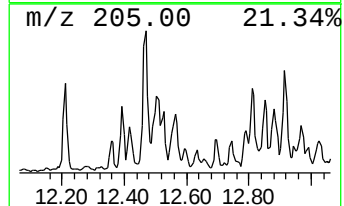
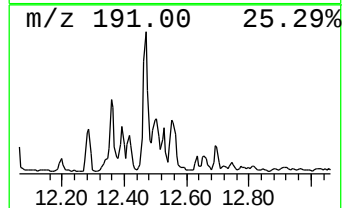
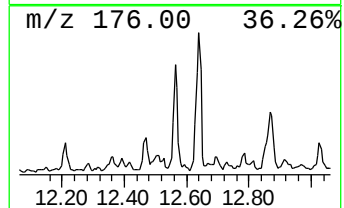
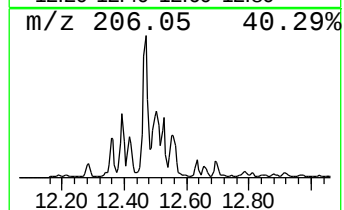
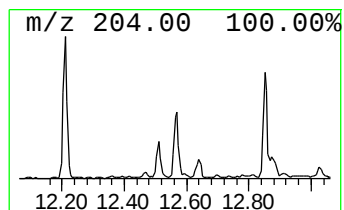
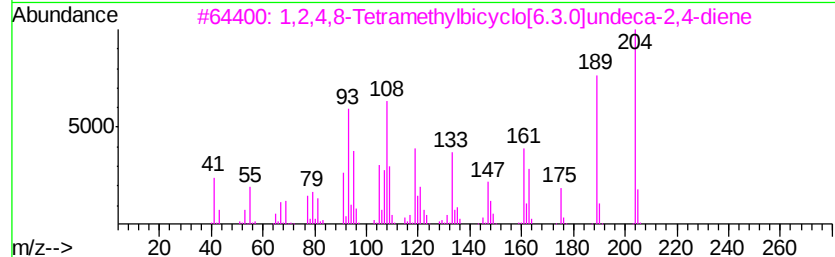
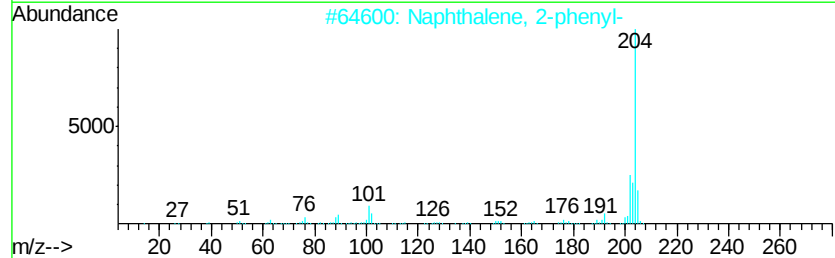
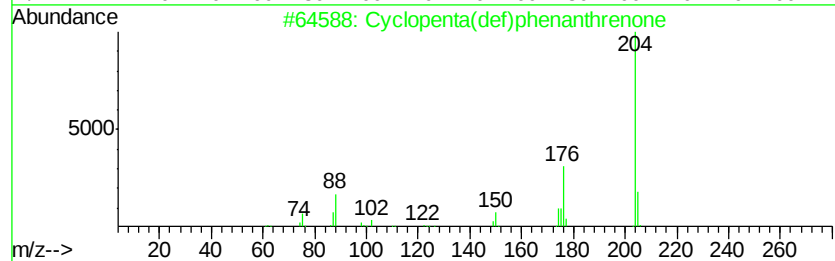
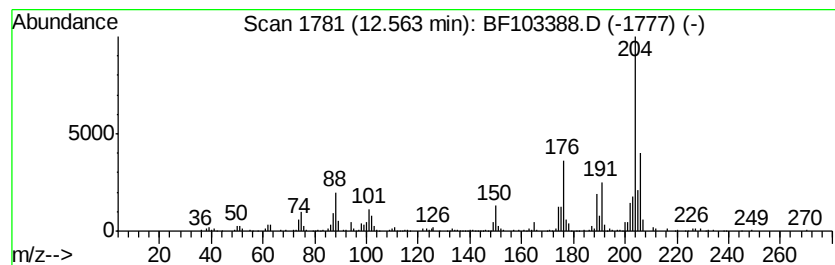
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	7.01 ng	388010	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	50
3		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	50
4		Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	49
5		2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	47



Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
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Acq On : 3 Mar 2018 1:26
Operator : SJ/JU
Sample : J1724-09
Misc :
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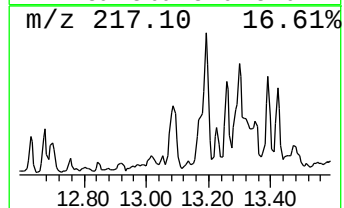
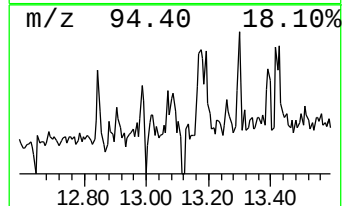
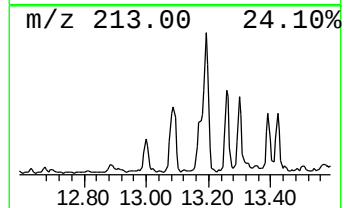
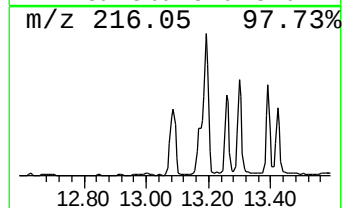
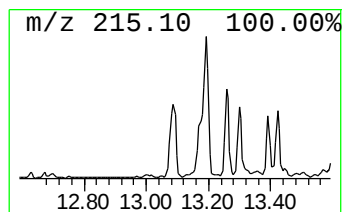
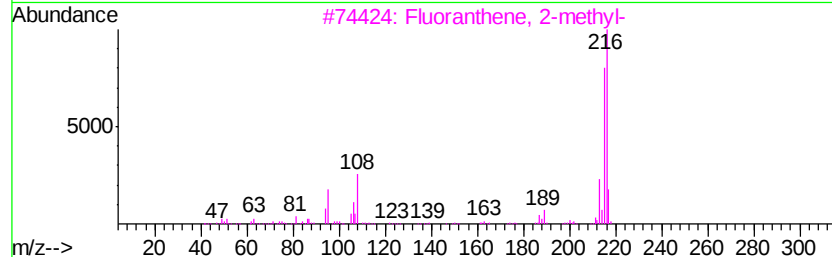
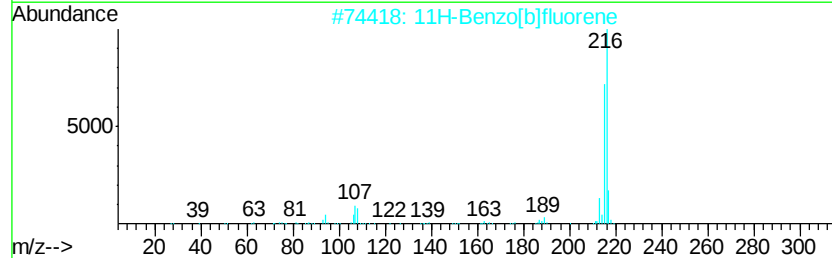
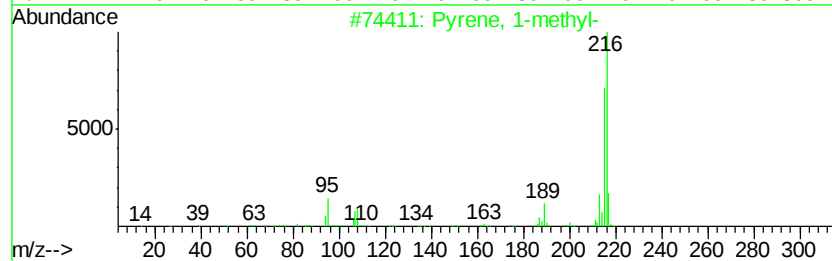
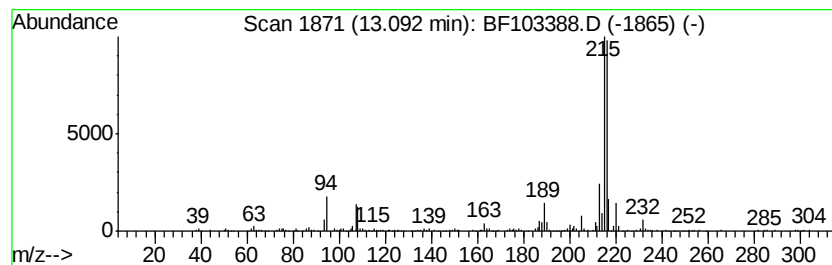
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.09	5.11 ng	562207	Chrysene-d12	14.07		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	70



Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
Data File : BF103388.D
Acq On : 3 Mar 2018 1:26
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Sample : J1724-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SP-16

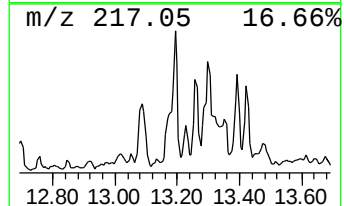
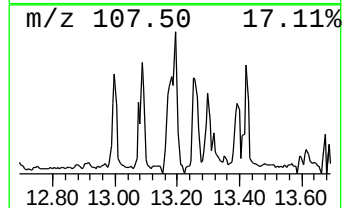
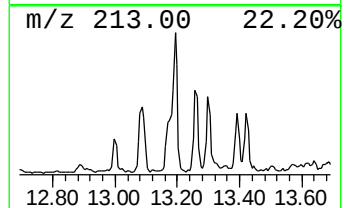
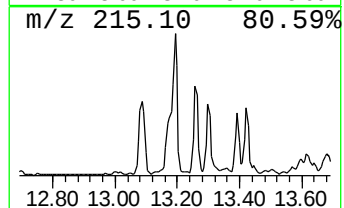
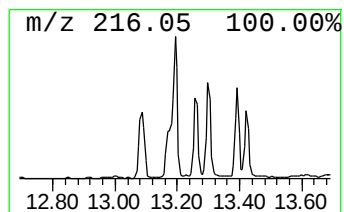
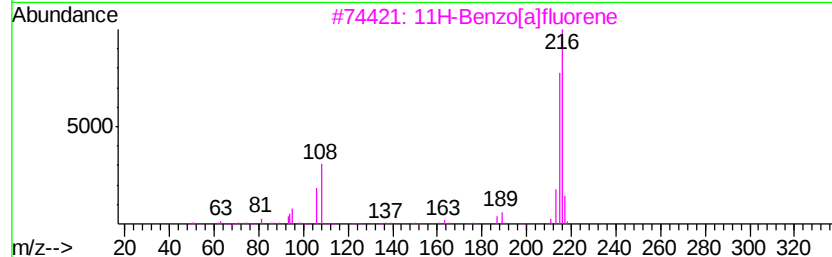
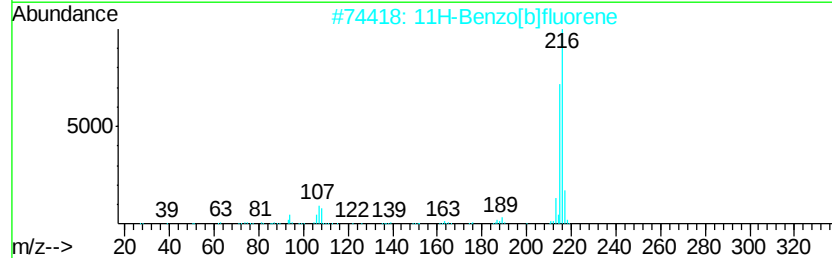
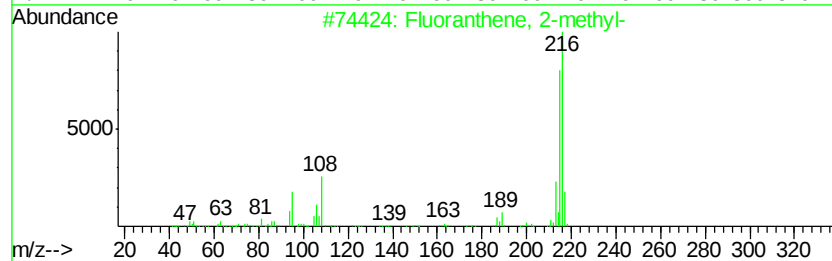
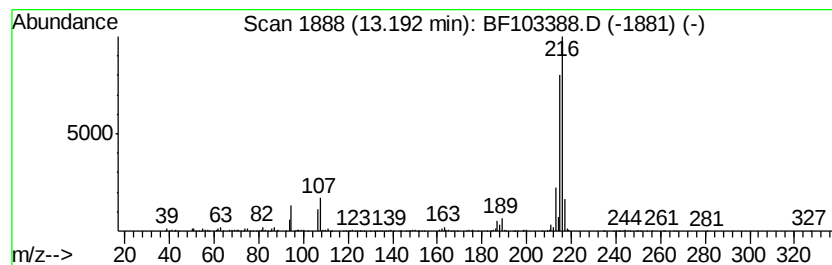
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	7.79 ng	857738	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	86



Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
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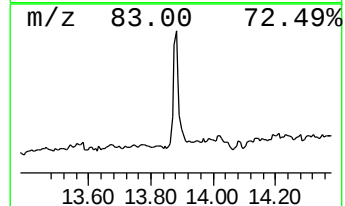
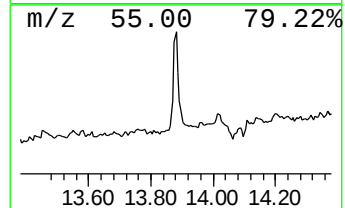
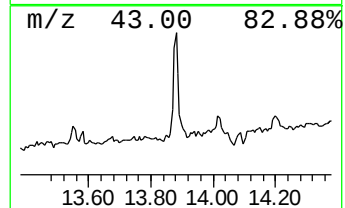
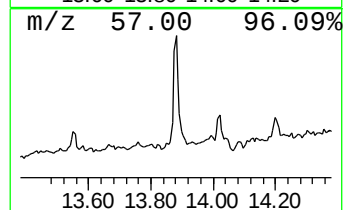
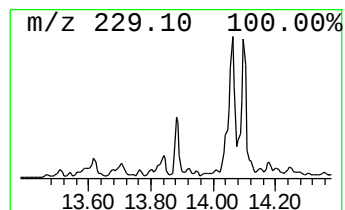
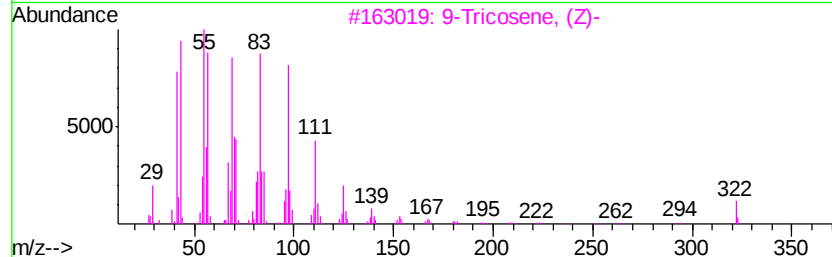
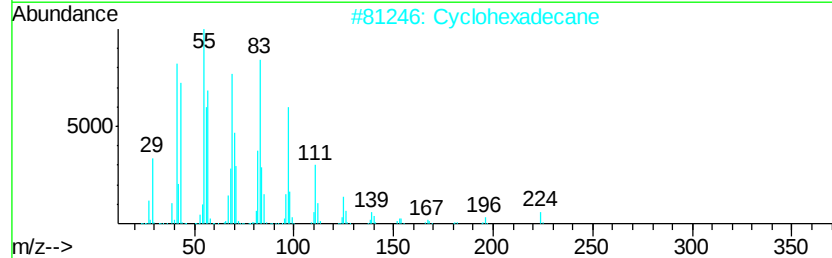
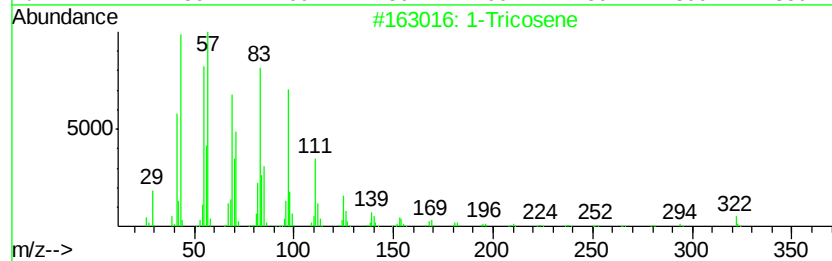
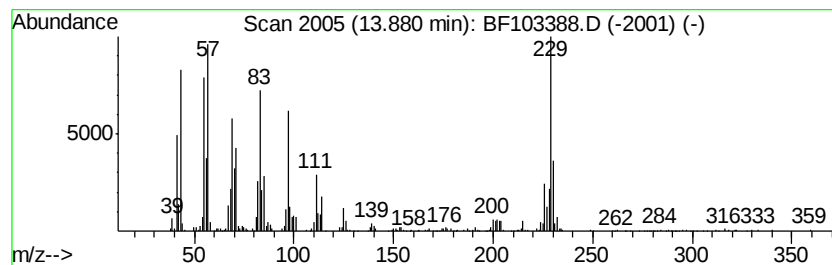
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1-Tricosene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.88	6.98 ng	768363	Chrysene-d12		14.07
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	95
2	Cyclohexadecane	224	C16H32	000295-65-8	93
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	86
4	Cyclotetracosane	336	C24H48	000297-03-0	83
5	Cyclopentadecane	210	C15H30	000295-48-7	70



Data Path : Z:\HPCHEM1\BNA F\Data\BF030218\
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Acq On : 3 Mar 2018 1:26
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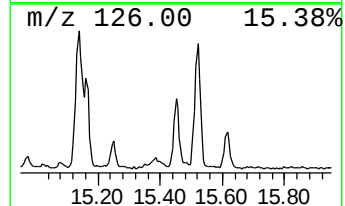
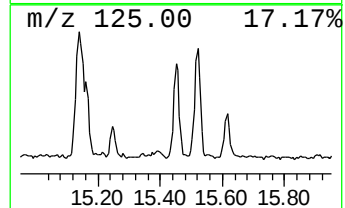
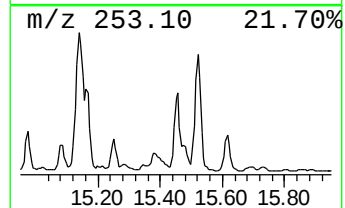
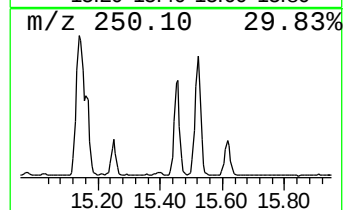
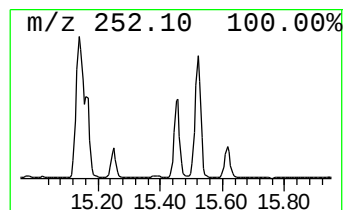
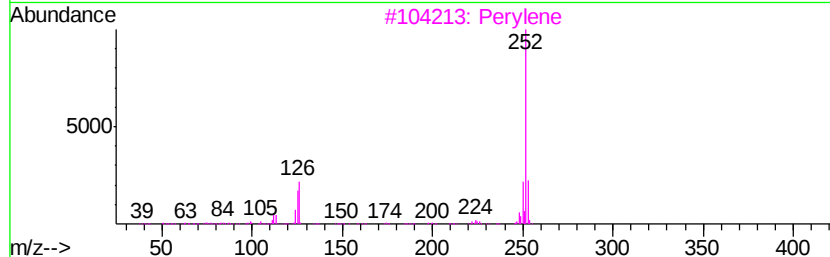
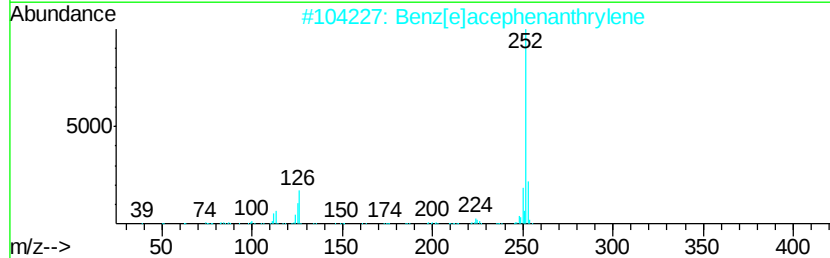
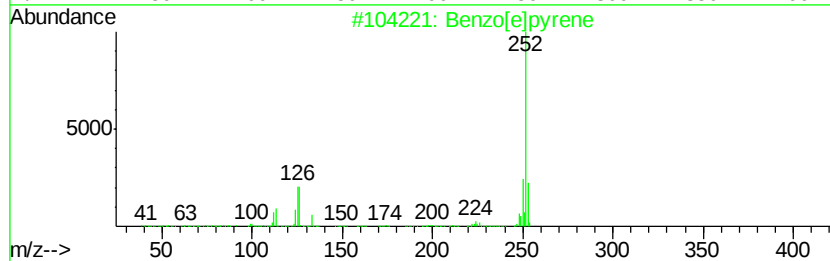
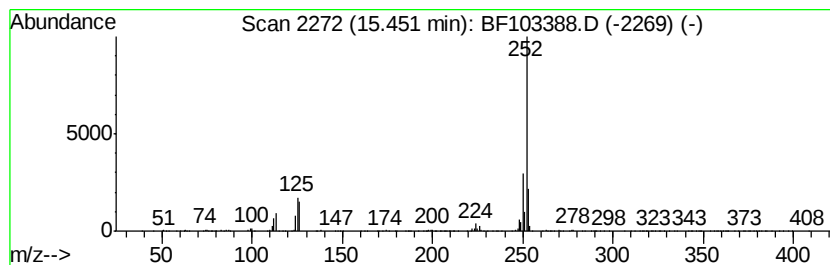
Instrument :
BNA_F
ClientSampleId :
SP-16

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	34.73 ng	458020	Perylene-d12	15.59
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo[e]pyrene	252 C20H12	000192-97-2 99
2		Benz[e]acephenanthrylene	252 C20H12	000205-99-2 98
3		Perylene	252 C20H12	000198-55-0 96
4		Benzo[il]fluoranthene	252 C20H12	000205-82-3 96
5		Benzo[a]pyrene	252 C20H12	000050-32-8 95



Data Path : Z:\HPCHEM1\BNA_F\Data\BF030218\
 Data File : BF103388.D
 Acq On : 3 Mar 2018 1:26
 Operator : SJ/JU
 Sample : J1724-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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
Butane, 2-methoxy...	2.12	5.6	ng	294104	1	6.87	1045730	20.0
unknown6.65	6.65	72.3	ng	3783030	1	6.87	1045730	20.0
Hexadecane	10.33	5.1	ng	300342	3	9.92	1171410	20.0
Tridecane	10.81	5.1	ng	284303	4	11.42	1107570	20.0
unknown11.26	11.26	4.9	ng	272252	4	11.42	1107570	20.0
Phenanthrene, 2-m...	11.92	12.3	ng	678327	4	11.42	1107570	20.0
Anthracene, 2-met...	11.99	5.5	ng	306019	4	11.42	1107570	20.0
4H-Cyclopenta[def...	12.03	17.4	ng	961363	4	11.42	1107570	20.0
1H-Cyclopropa[l]p...	12.05	5.6	ng	311552	4	11.42	1107570	20.0
5,16[1',2']:8,13[...	12.21	7.6	ng	422208	4	11.42	1107570	20.0
Phenanthrene, 2,5...	12.47	10.9	ng	604065	4	11.42	1107570	20.0
unknown12.51	12.51	5.9	ng	327182	4	11.42	1107570	20.0
Cyclopenta(def)ph...	12.56	7.0	ng	388010	4	11.42	1107570	20.0
Pyrene, 1-methyl-	13.09	5.1	ng	562207	5	14.07	2201960	20.0
Fluoranthene, 2-m...	13.19	7.8	ng	857738	5	14.07	2201960	20.0
1-Tricosene	13.88	7.0	ng	768363	5	14.07	2201960	20.0
Benzo[e]pyrene	15.45	34.7	ng	458020	6	15.59	263797	20.0