

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103263.D
 Acq On : 27 Feb 2018 15:22
 Operator : SJ/JU
 Sample : J1397-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-022318-A

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	2.128	3	7	15	rVB	272472	384392	10.74%	0.793%
2	5.110	511	514	526	rVB	89036	130018	3.63%	0.268%
3	5.498	575	580	595	rBV	3398814	3580333	100.00%	7.383%
4	6.510	747	752	767	rBV	3077433	3488208	97.43%	7.193%
5	6.645	770	775	778	rBV	3522394	3384736	94.54%	6.980%
6	6.869	810	813	819	rBV	1111851	947973	26.48%	1.955%
7	7.028	836	840	843	rBV	2932509	2613716	73.00%	5.390%
8	7.439	905	910	913	rBV	2273290	2264333	63.24%	4.669%
9	7.522	920	924	934	rVB	42023	76515	2.14%	0.158%
10	8.157	1028	1032	1038	rVV	1273713	1315631	36.75%	2.713%
11	8.869	1150	1153	1156	rBV	140519	127132	3.55%	0.262%
12	8.969	1164	1170	1173	rBV	183204	181458	5.07%	0.374%
13	9.228	1210	1214	1217	rBV	3500103	3336186	93.18%	6.880%
14	9.298	1224	1226	1229	rVB	100817	81740	2.28%	0.169%
15	9.428	1245	1248	1255	rVB	44483	72561	2.03%	0.150%
16	9.498	1255	1260	1264	rBV2	183405	275600	7.70%	0.568%
17	9.569	1268	1272	1274	rVV	344460	364651	10.18%	0.752%
18	9.592	1274	1276	1278	rVV	259388	228427	6.38%	0.471%
19	9.616	1278	1280	1288	rVB	429747	484798	13.54%	1.000%
20	9.680	1288	1291	1293	rBV2	166973	166049	4.64%	0.342%
21	9.698	1293	1294	1297	rVB2	87760	64687	1.81%	0.133%
22	9.769	1303	1306	1312	rBV	276854	271293	7.58%	0.559%
23	9.828	1312	1316	1320	rVV	161980	148189	4.14%	0.306%
24	9.886	1324	1326	1327	rVV	73615	60159	1.68%	0.124%
25	9.910	1327	1330	1333	rVV2	1498330	1260907	35.22%	2.600%
26	9.939	1333	1335	1338	rVV2	131257	135165	3.78%	0.279%
27	10.016	1343	1348	1351	rBV2	99913	145533	4.06%	0.300%
28	10.057	1351	1355	1358	rBV5	62076	86890	2.43%	0.179%
29	10.110	1361	1364	1368	rVB2	222909	235546	6.58%	0.486%
30	10.151	1368	1371	1374	rVB	286311	231461	6.46%	0.477%
31	10.222	1380	1383	1386	rBV2	245691	268322	7.49%	0.553%
32	10.251	1386	1388	1391	rVV	113848	91416	2.55%	0.189%
33	10.304	1394	1397	1398	rBV	202476	169653	4.74%	0.350%
34	10.327	1399	1401	1405	rVB2	283786	266868	7.45%	0.550%

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

35	10.363	1405	1407	1409	rBV	71364	57888	1.62%	0.119%
36	10.404	1412	1414	1416	rVB	97169	72303	2.02%	0.149%
37	10.457	1420	1423	1429	rVB4	210222	297028	8.30%	0.613%
38	10.522	1429	1434	1436	rBV3	61959	98666	2.76%	0.203%
39	10.545	1436	1438	1440	rVV2	105253	93479	2.61%	0.193%
40	10.569	1440	1442	1445	rVB	71616	59348	1.66%	0.122%
41	10.610	1445	1449	1453	rBV5	76923	131430	3.67%	0.271%
42	10.704	1461	1465	1469	rBV	1821458	1787572	49.93%	3.686%
43	10.804	1479	1482	1483	rBV	201156	199856	5.58%	0.412%
44	10.898	1495	1498	1500	rVV	97989	92855	2.59%	0.191%
45	10.922	1500	1502	1508	rVV5	42306	52770	1.47%	0.109%
46	11.004	1512	1516	1519	rBV2	170751	253394	7.08%	0.523%
47	11.033	1519	1521	1524	rVB2	143126	124781	3.49%	0.257%
48	11.092	1528	1531	1533	rVB	118557	105774	2.95%	0.218%
49	11.139	1534	1539	1541	rBV4	101780	164317	4.59%	0.339%
50	11.210	1548	1551	1555	rBV	92519	101944	2.85%	0.210%
51	11.251	1555	1558	1560	rVV	176155	158126	4.42%	0.326%
52	11.280	1560	1563	1564	rVV2	108770	104642	2.92%	0.216%
53	11.298	1564	1566	1570	rVB	146608	119810	3.35%	0.247%
54	11.404	1580	1584	1586	rBV	1120459	1099026	30.70%	2.266%
55	11.427	1586	1588	1594	rVV	1128793	892491	24.93%	1.840%
56	11.480	1594	1597	1599	rVV	227643	211992	5.92%	0.437%
57	11.510	1599	1602	1605	rVV2	90730	113361	3.17%	0.234%
58	11.557	1608	1610	1613	rBV3	58248	65010	1.82%	0.134%
59	11.633	1620	1623	1628	rBV4	93019	147746	4.13%	0.305%
60	11.674	1628	1630	1632	rBV2	111358	86378	2.41%	0.178%
61	11.733	1637	1640	1644	rVB2	182223	181603	5.07%	0.374%
62	11.816	1652	1654	1657	rVB	79495	71628	2.00%	0.148%
63	11.863	1659	1662	1664	rBV	67668	58077	1.62%	0.120%
64	11.904	1666	1669	1672	rVV	499568	537626	15.02%	1.109%
65	11.933	1672	1674	1677	rVV	582747	476781	13.32%	0.983%
66	11.980	1679	1682	1685	rVV	187344	195362	5.46%	0.403%
67	12.016	1685	1688	1690	rVV2	592971	646519	18.06%	1.333%
68	12.039	1690	1692	1697	rVB	440509	383234	10.70%	0.790%
69	12.086	1697	1700	1703	rBV2	117886	122402	3.42%	0.252%
70	12.139	1706	1709	1712	rVV	86459	99340	2.77%	0.205%
71	12.198	1716	1719	1722	rVV2	208081	241180	6.74%	0.497%

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72	12.233	1723	1725	1729	rVB3	134993	133221	3.72%	0.275%
73	12.327	1739	1741	1743	rBV2	97708	101299	2.83%	0.209%
74	12.380	1748	1750	1752	rVV	167736	133766	3.74%	0.276%
75	12.404	1752	1754	1756	rVB2	132449	98217	2.74%	0.203%
76	12.457	1759	1763	1765	rBV	452032	466493	13.03%	0.962%
77	12.492	1765	1769	1771	rVV3	226708	318136	8.89%	0.656%
78	12.545	1775	1778	1782	rBV3	201647	301504	8.42%	0.622%
79	12.621	1787	1791	1794	rBV	1210383	1070319	29.89%	2.207%
80	12.657	1795	1797	1799	rBV	92641	83444	2.33%	0.172%
81	12.680	1799	1801	1804	rVV2	110078	92838	2.59%	0.191%
82	12.716	1805	1807	1810	rVV	85179	59782	1.67%	0.123%
83	12.851	1824	1830	1836	rBV	1313193	1514045	42.29%	3.122%
84	12.904	1836	1839	1842	rVB2	172376	177991	4.97%	0.367%
85	12.963	1846	1849	1850	rVV2	110914	129465	3.62%	0.267%
86	12.986	1850	1853	1860	rVB	2085076	2218293	61.96%	4.574%
87	13.063	1863	1866	1873	rVV4	153037	286511	8.00%	0.591%
88	13.157	1879	1882	1883	rBV2	146836	152077	4.25%	0.314%
89	13.174	1883	1885	1888	rVB	260932	270534	7.56%	0.558%
90	13.245	1895	1897	1899	rVB	168167	118871	3.32%	0.245%
91	13.280	1901	1903	1906	rVB	247977	221898	6.20%	0.458%
92	13.374	1917	1919	1922	rBV	208435	175622	4.91%	0.362%
93	13.410	1922	1925	1934	rVB	257295	319383	8.92%	0.659%
94	13.868	2001	2003	2006	rVB3	223273	223673	6.25%	0.461%
95	14.051	2030	2034	2037	rBV2	851492	1212790	33.87%	2.501%
96	14.080	2037	2039	2046	rVB	526732	517099	14.44%	1.066%
97	15.121	2213	2216	2219	rBV	220449	257249	7.19%	0.530%
98	15.427	2266	2268	2274	rVB	209712	253988	7.09%	0.524%
99	15.498	2277	2280	2286	rVB	290457	376759	10.52%	0.777%
100	15.562	2287	2291	2294	rVB	428631	561268	15.68%	1.157%

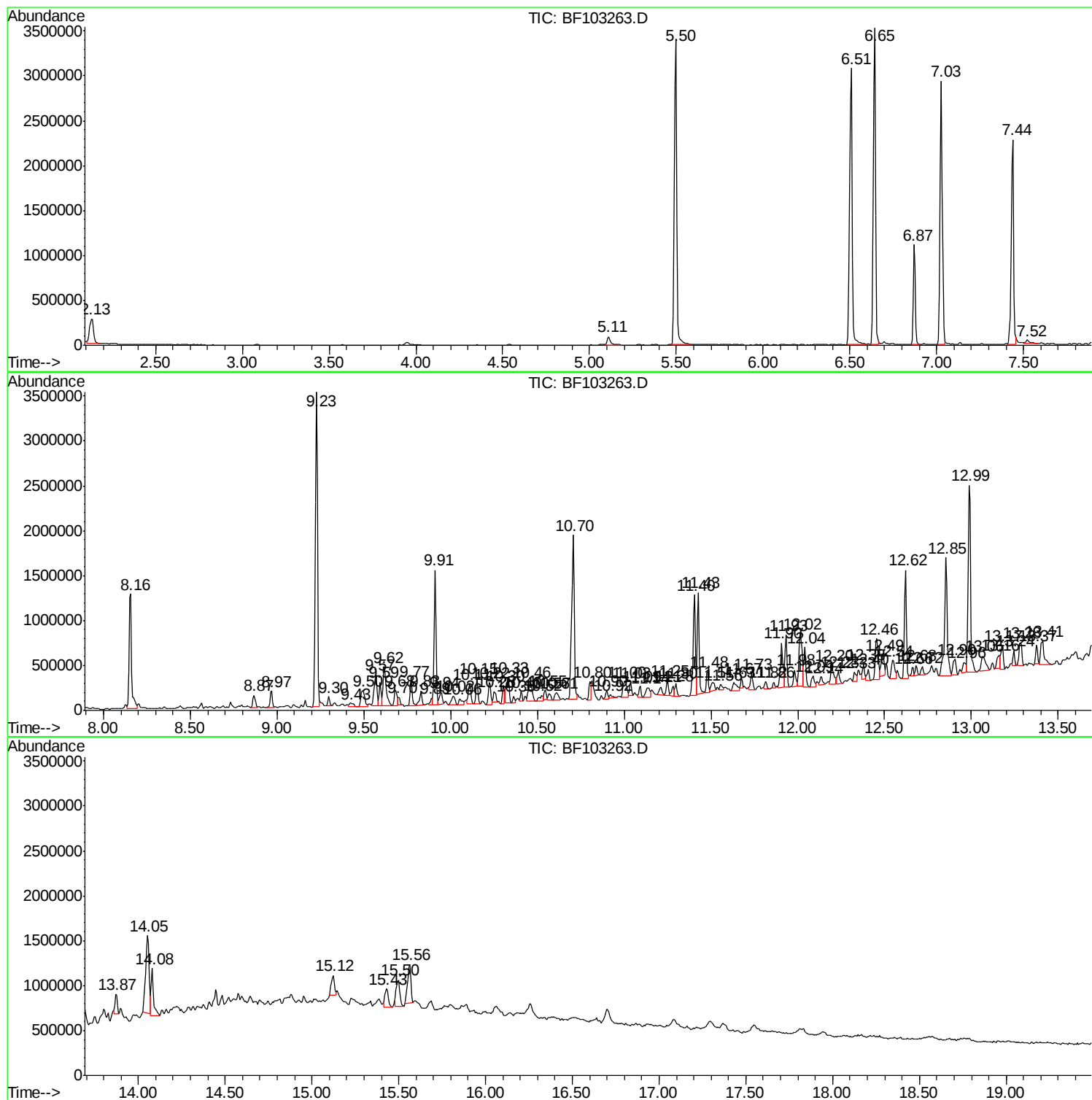
Sum of corrected areas: 48492820

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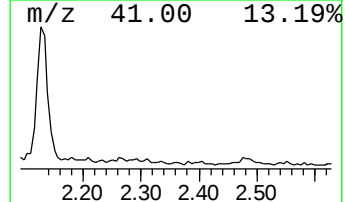
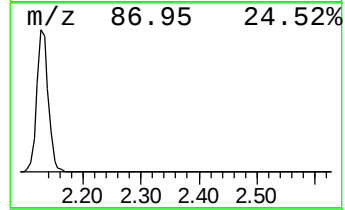
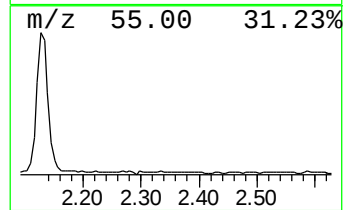
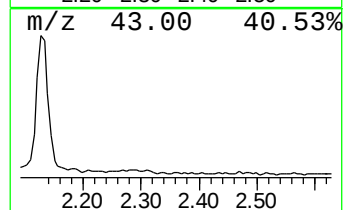
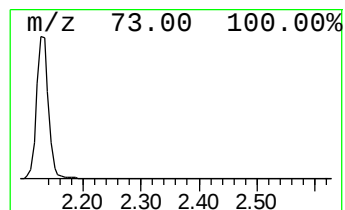
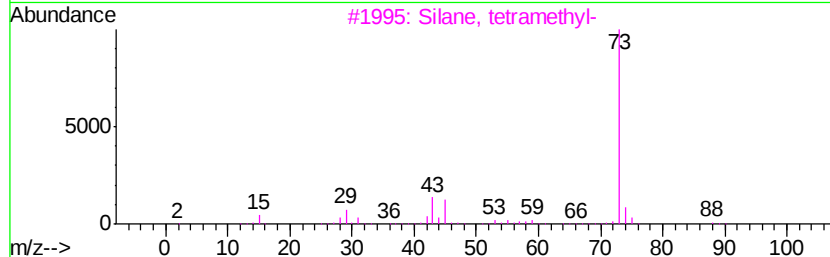
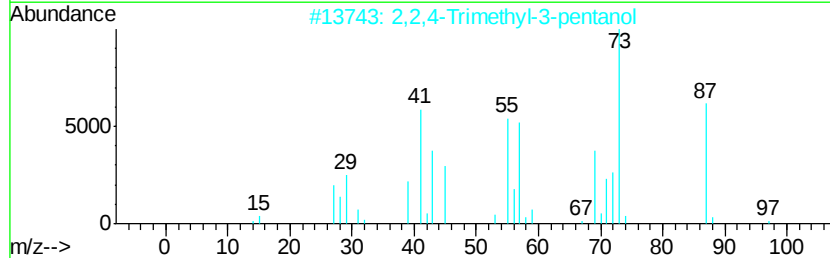
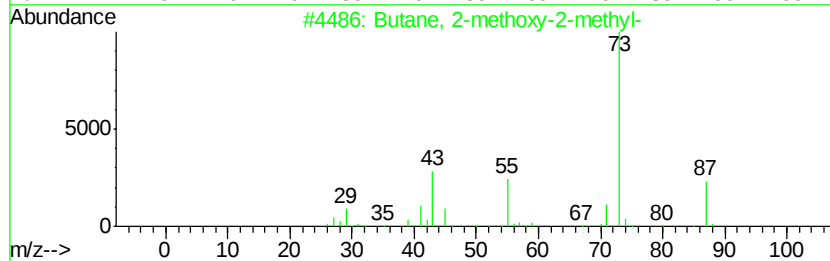
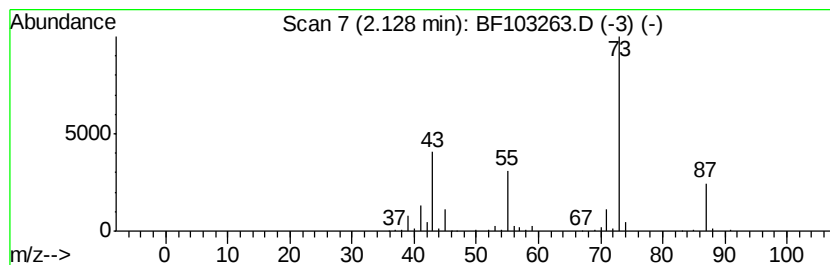
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	8.11 ng	384392	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	40
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



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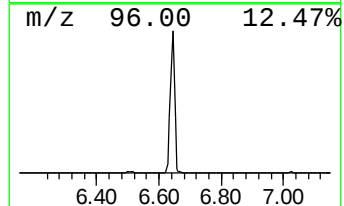
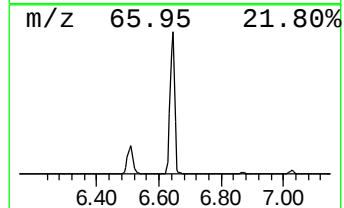
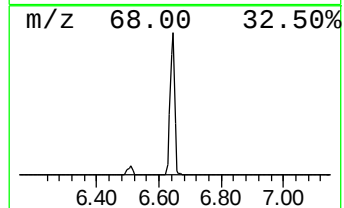
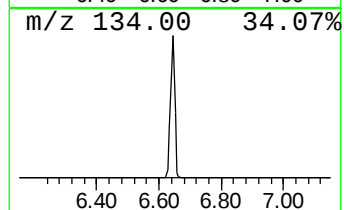
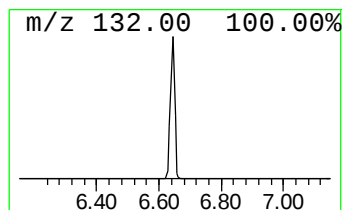
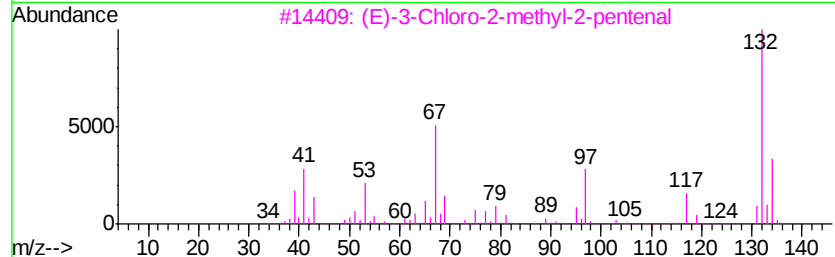
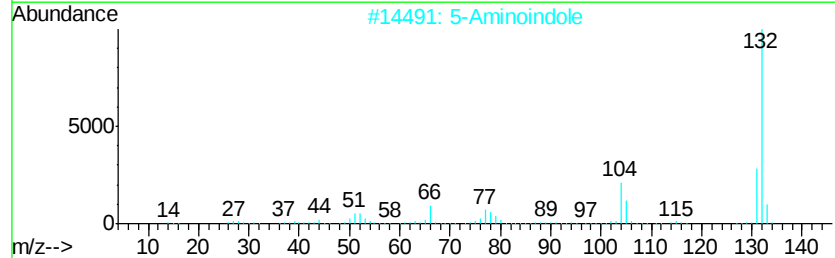
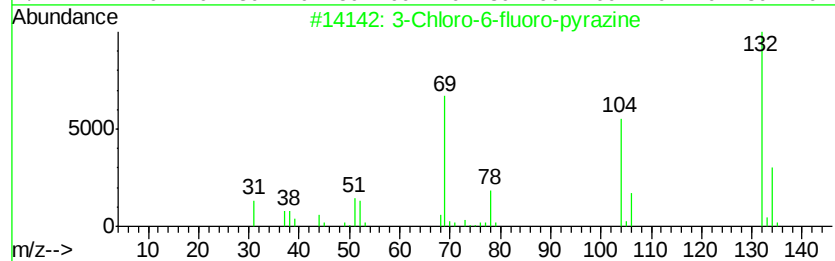
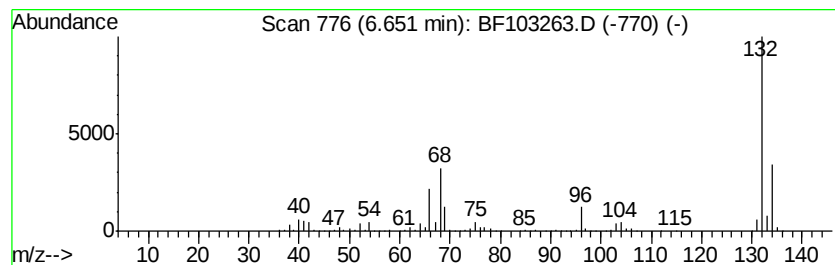
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	71.41 ng	3384740	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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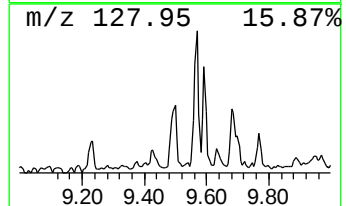
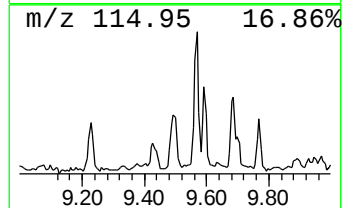
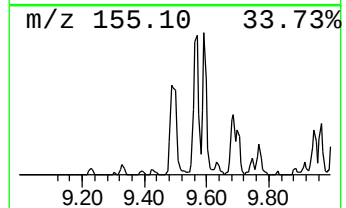
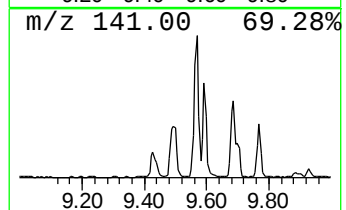
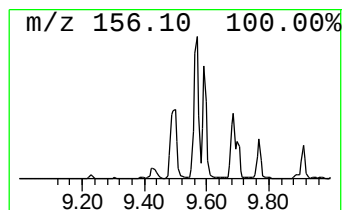
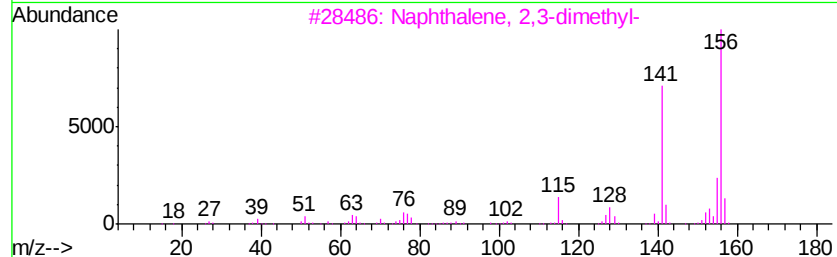
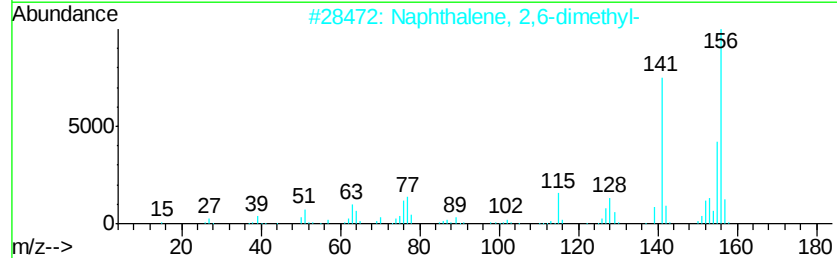
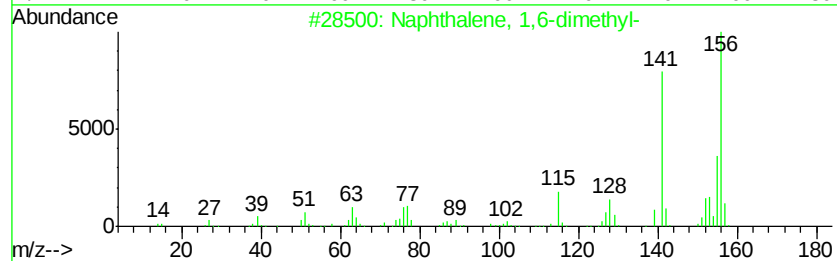
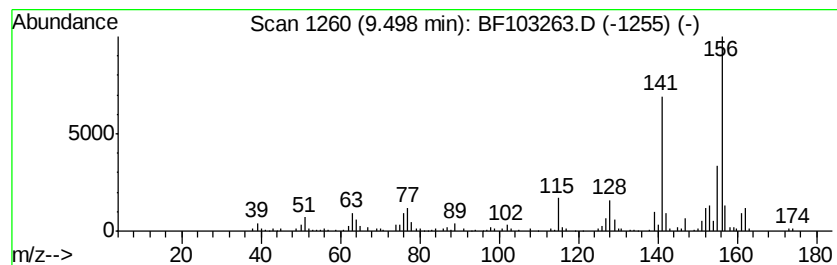
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	4.37 ng	275600	Acenaphthene-d10	9.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 98
2		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
3		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
4		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96
5		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
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Operator : SJ/JU
Sample : J1397-09
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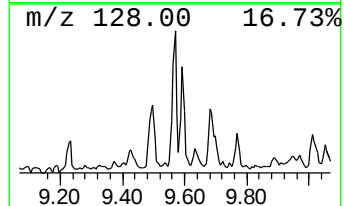
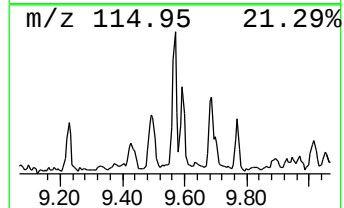
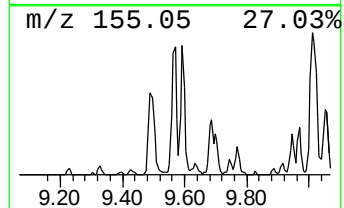
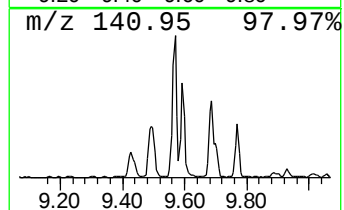
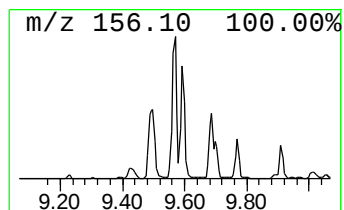
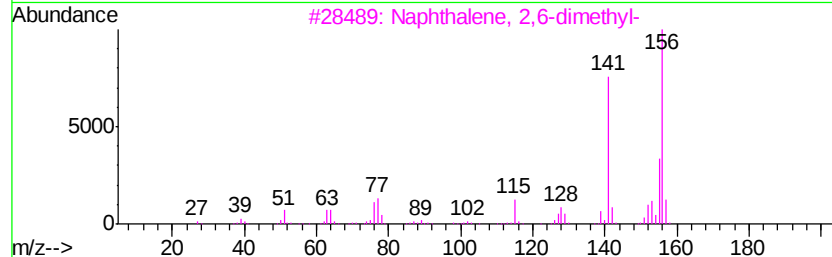
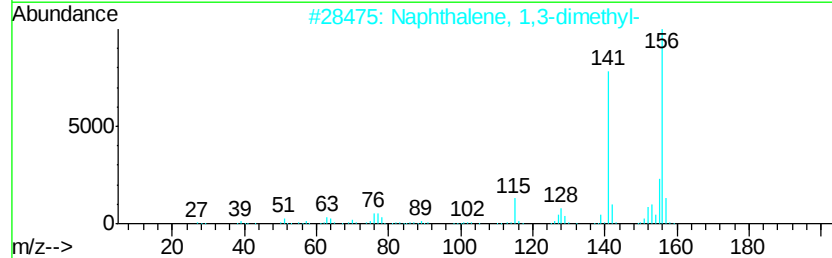
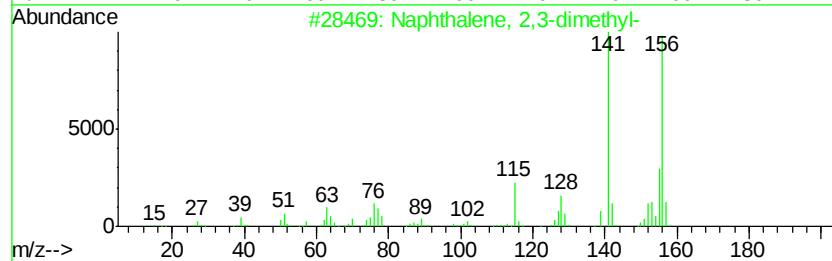
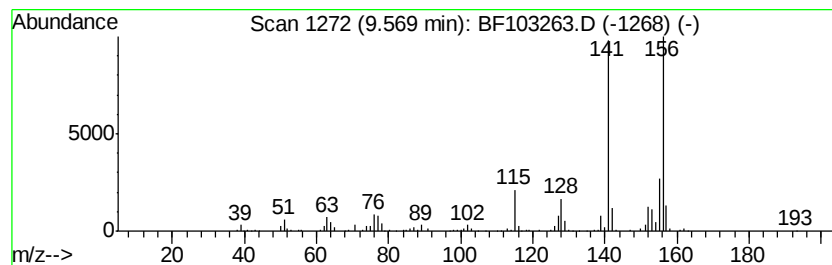
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	5.78 ng	364651	Acenaphthene-d10	9.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 98
2		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96
3		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 96
4		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96
5		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103263.D
Acq On : 27 Feb 2018 15:22
Operator : SJ/JU
Sample : J1397-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-022318-A

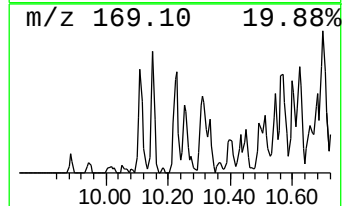
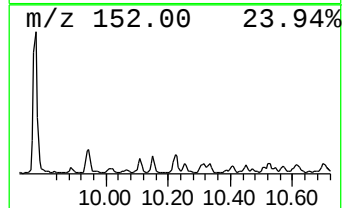
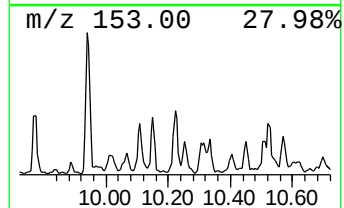
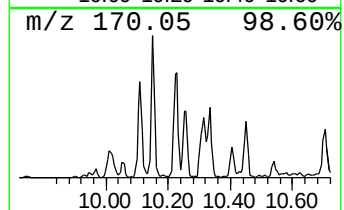
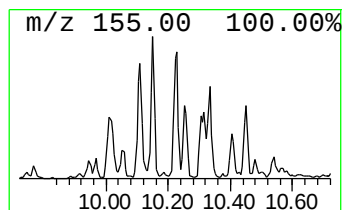
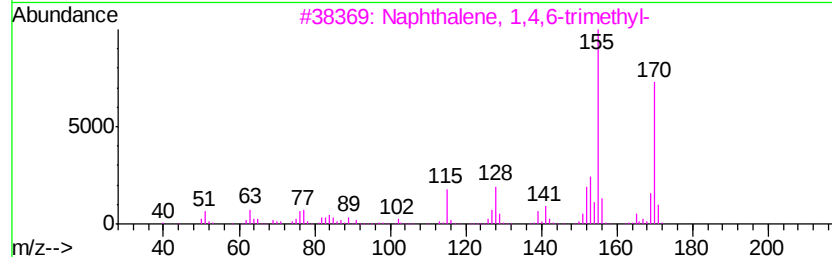
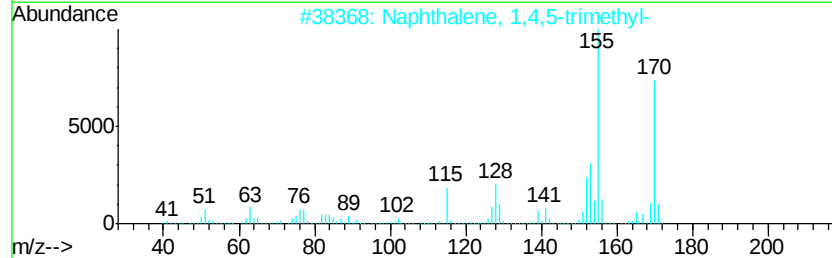
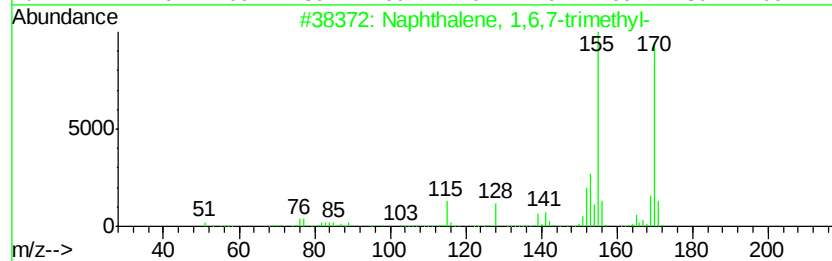
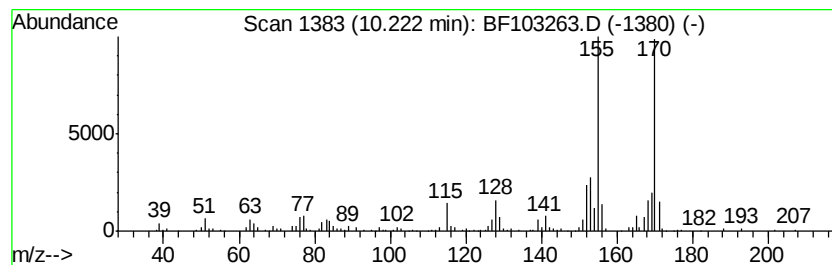
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	4.26 ng	268322	Acenaphthene-d10	9.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	97
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103263.D
Acq On : 27 Feb 2018 15:22
Operator : SJ/JU
Sample : J1397-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

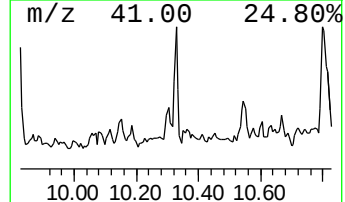
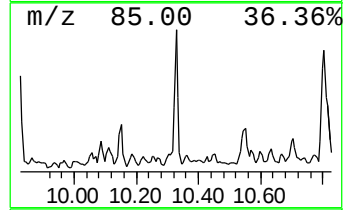
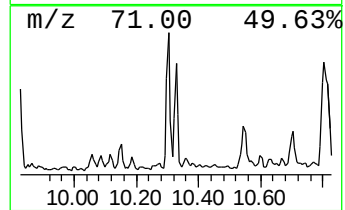
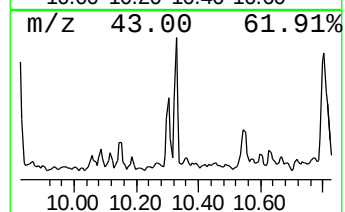
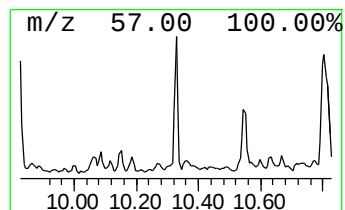
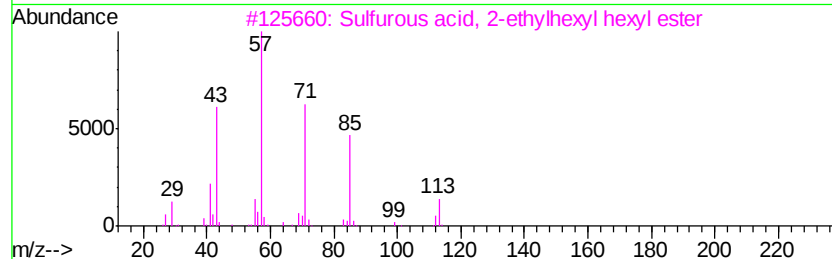
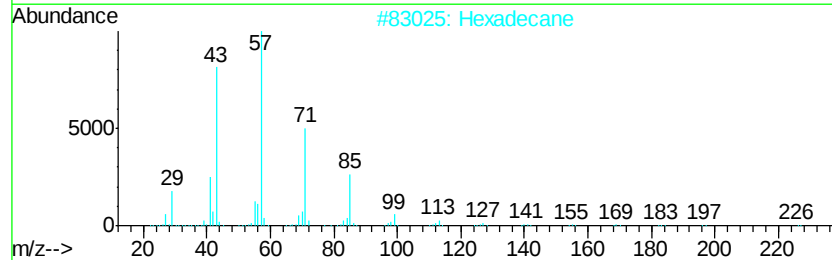
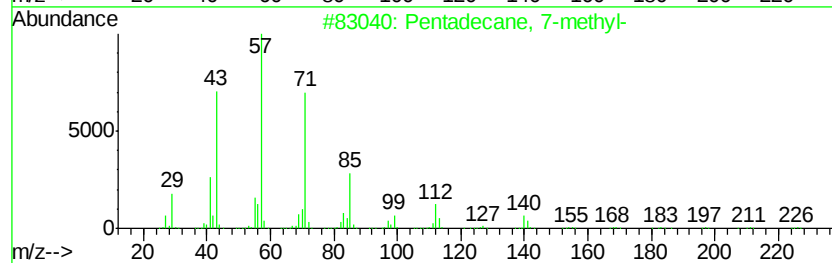
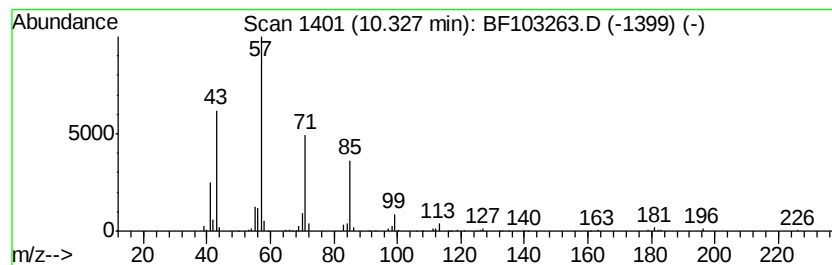
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane, 7-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	4.23 ng	266868	Acenaphthene-d10	9.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane, 7-methyl-	226 C16H34	006165-40-8	91
2	Hexadecane	226 C16H34	000544-76-3	90
3	Sulfurous acid, 2-ethylhexyl hex...	278 C14H30O3S	1000309-20-2	86
4	Tetratetracontane	619 C44H90	007098-22-8	78
5	Decane, 3,8-dimethyl-	170 C12H26	017312-55-9	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022718\
Data File : BF103263.D
Acq On : 27 Feb 2018 15:22
Operator : SJ/JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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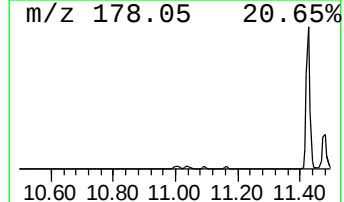
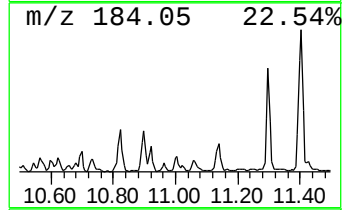
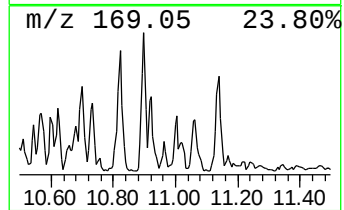
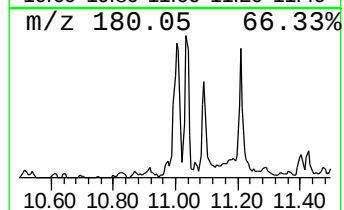
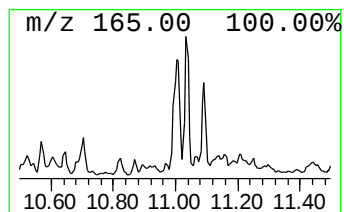
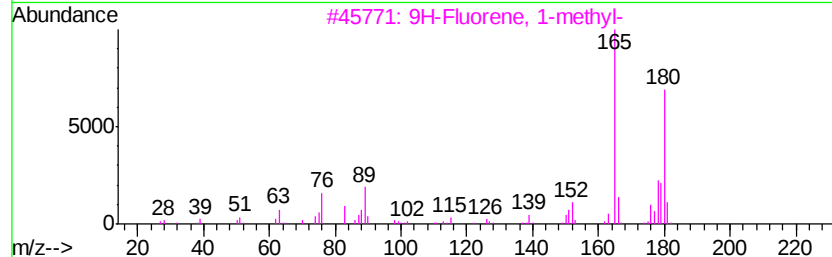
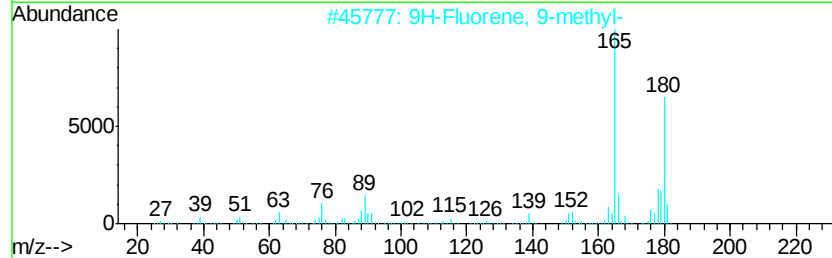
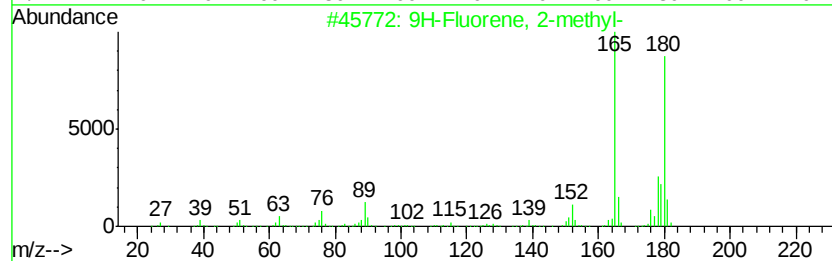
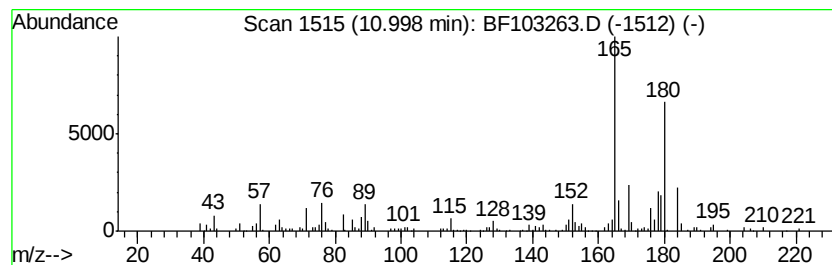
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9H-Fluorene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	4.61 ng	253394	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	78
2		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	78
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	78
4		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	55
5		(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
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Acq On : 27 Feb 2018 15:22
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Sample : J1397-09
Misc :
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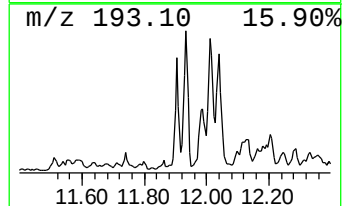
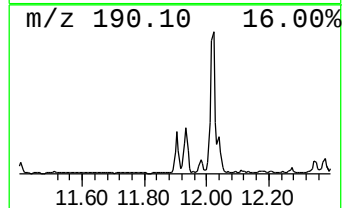
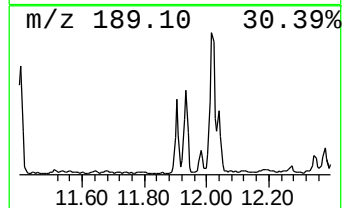
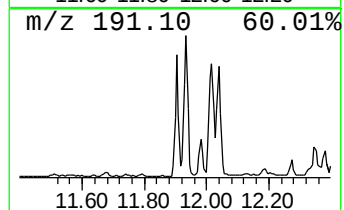
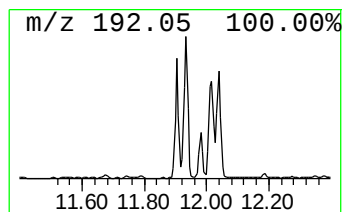
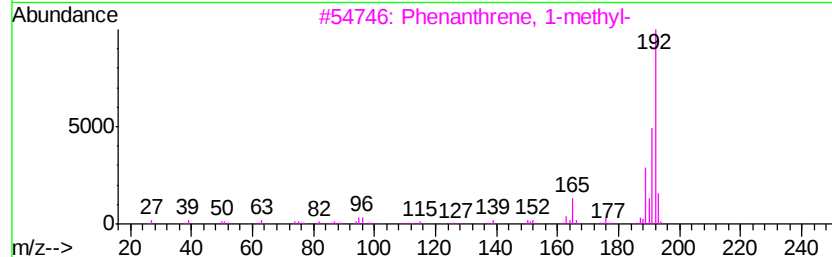
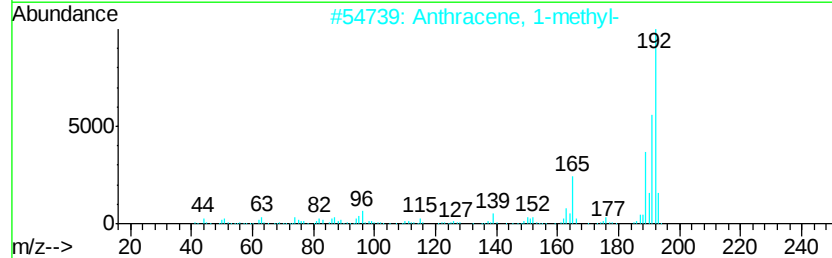
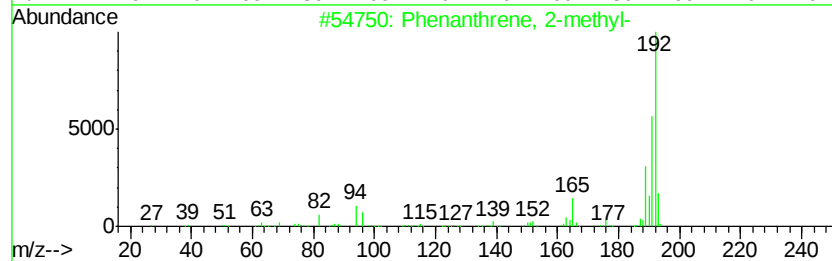
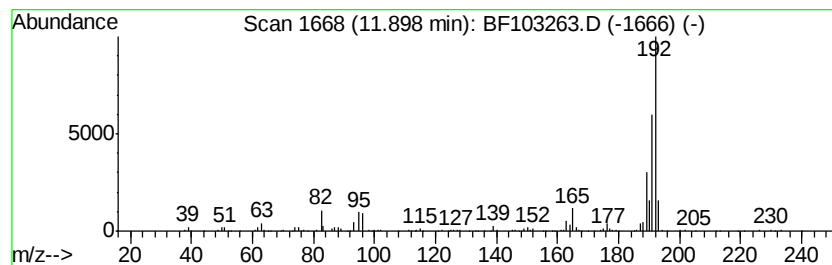
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.90	9.78 ng	537626	Phenanthrene-d10	11.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103263.D
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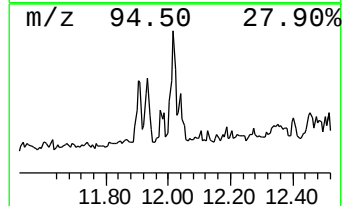
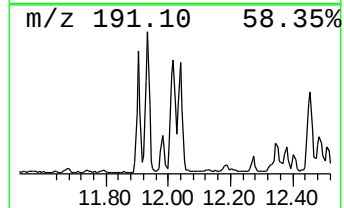
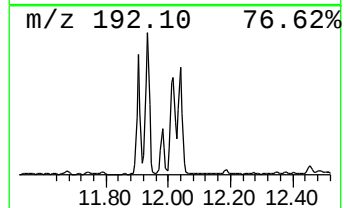
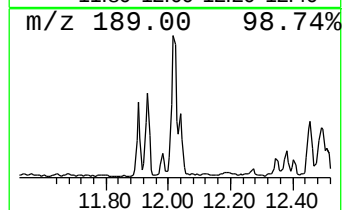
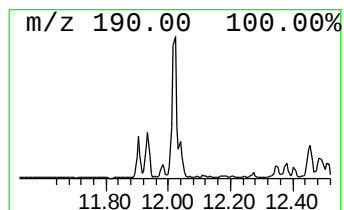
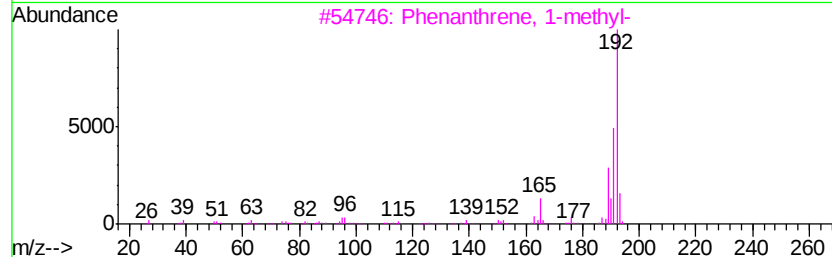
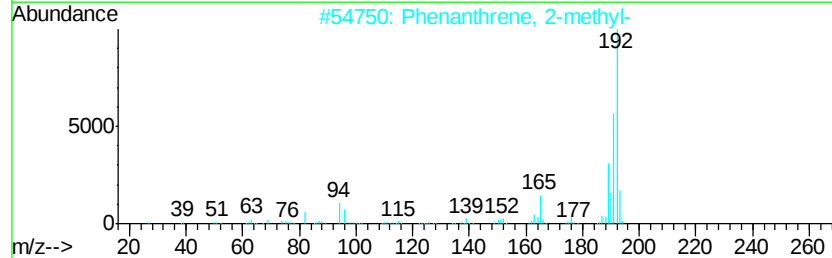
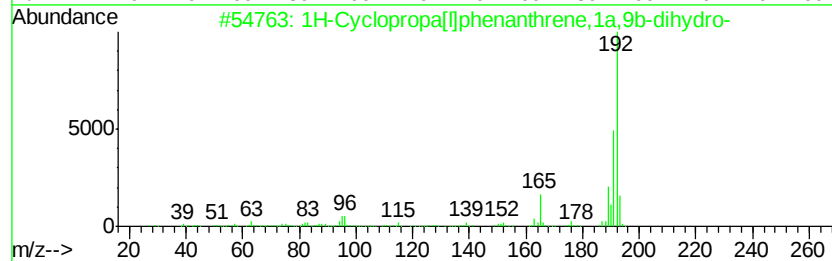
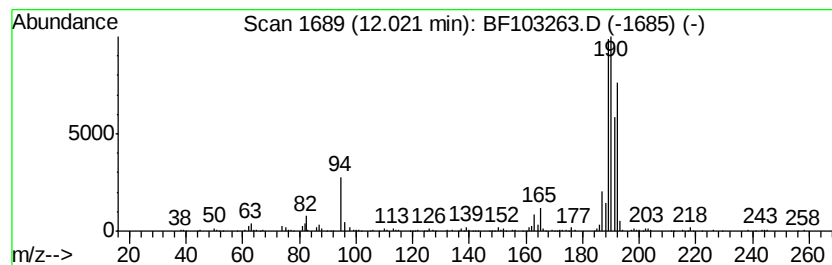
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	11.77 ng	646519	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	60
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	55
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022718\
Data File : BF103263.D
Acq On : 27 Feb 2018 15:22
Operator : SJ/JU
Sample : J1397-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CL-02-022318-A

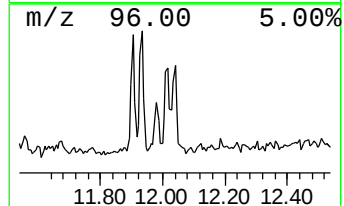
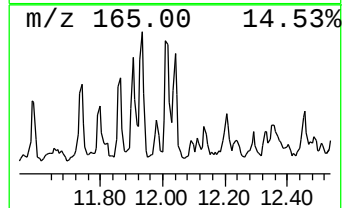
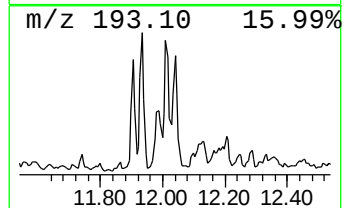
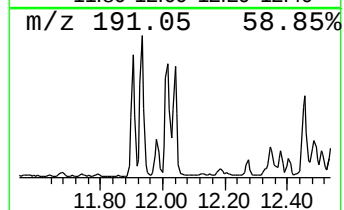
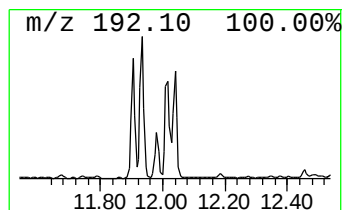
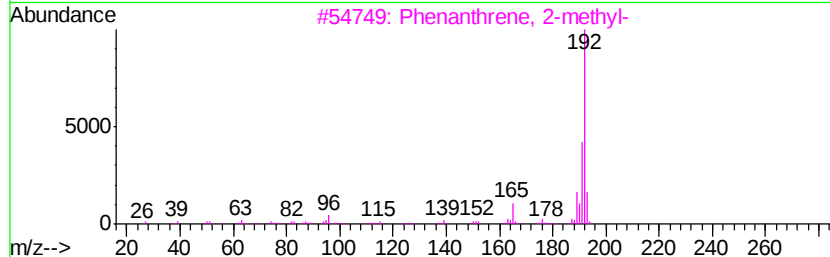
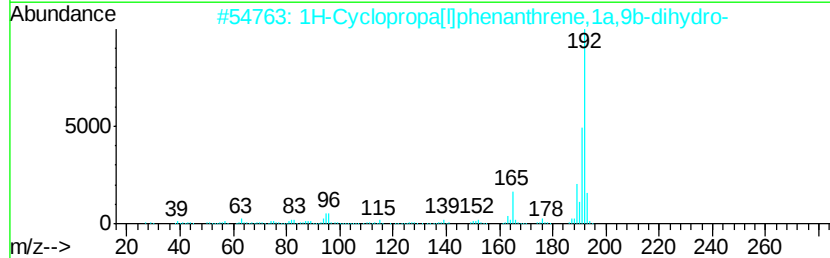
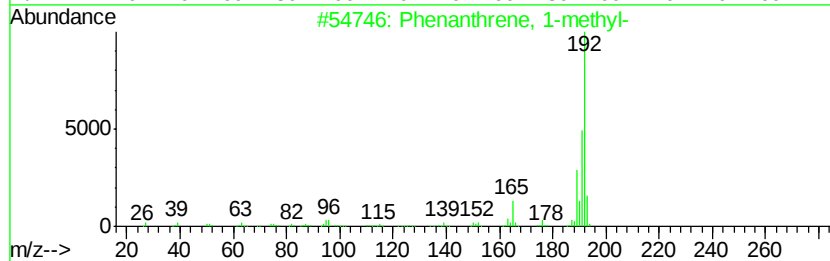
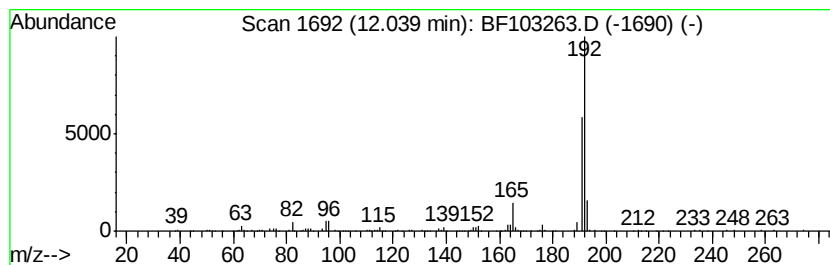
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	6.97 ng	383234	Phenanthrene-d10	11.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103263.D
Acq On : 27 Feb 2018 15:22
Operator : SJ/JU
Sample : J1397-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CL-02-022318-A

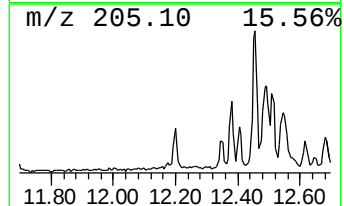
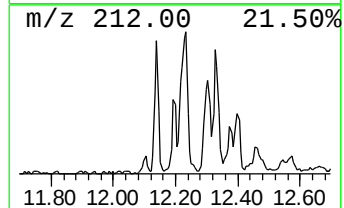
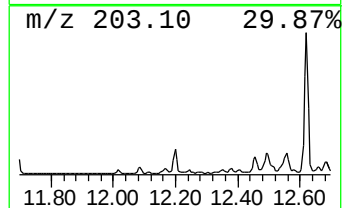
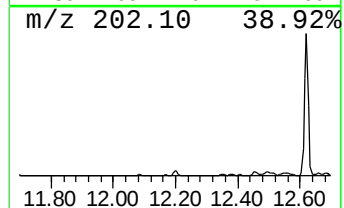
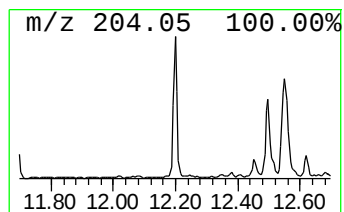
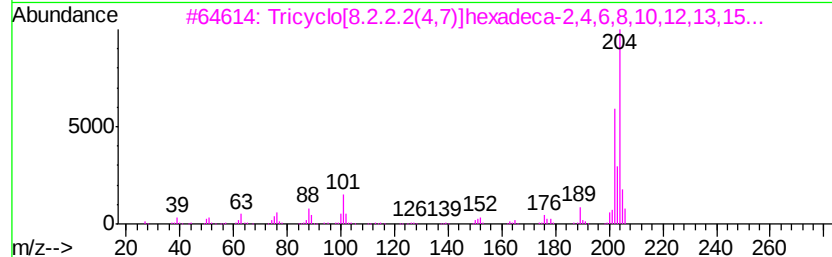
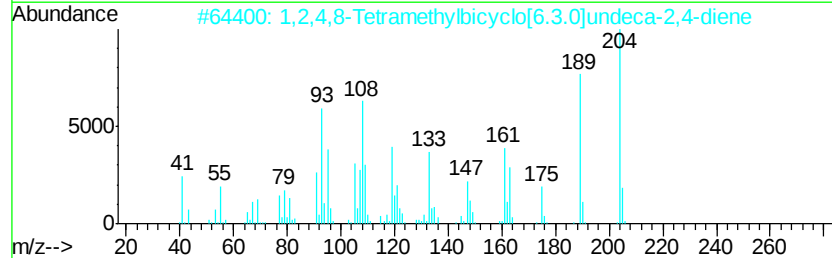
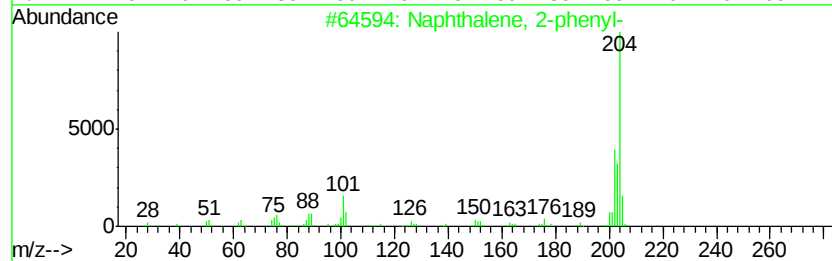
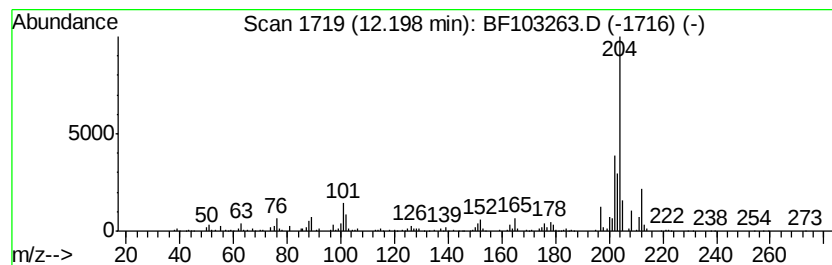
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	4.39 ng	241180	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	78
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2,4,6,8,10,12,13,15-octa-1,3,5,7,9,11-octaene	204	C16H12	006572-60-7	70
4		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	64
5		5,16[1',2']:8,13[1'',2'']-Dibenz[1,2-b:4,5-b']pentalene	408	C32H24	005672-97-9	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022718\
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Acq On : 27 Feb 2018 15:22
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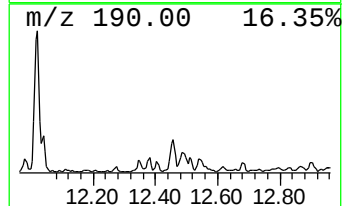
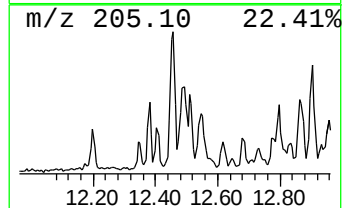
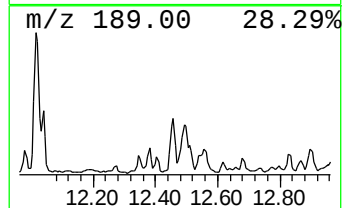
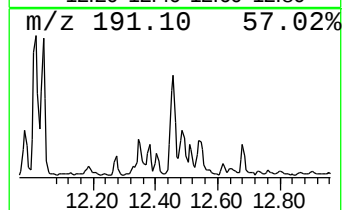
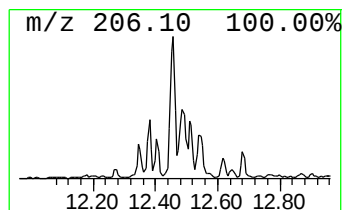
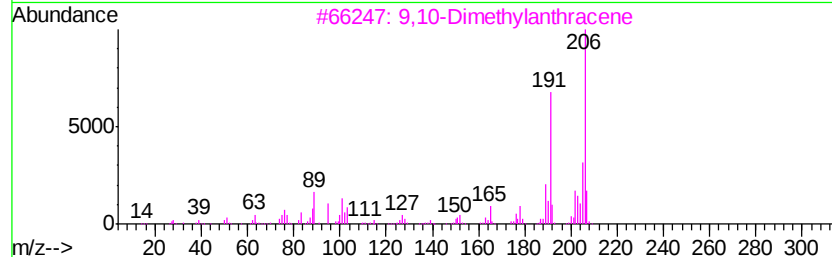
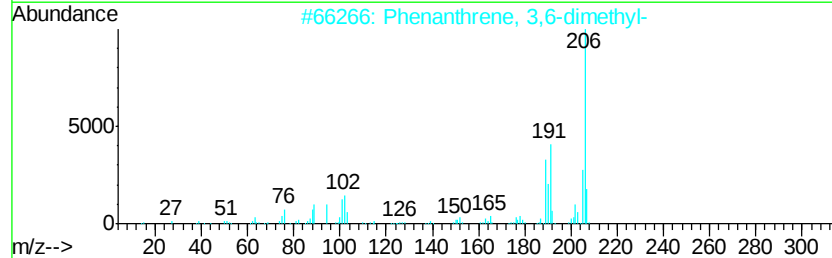
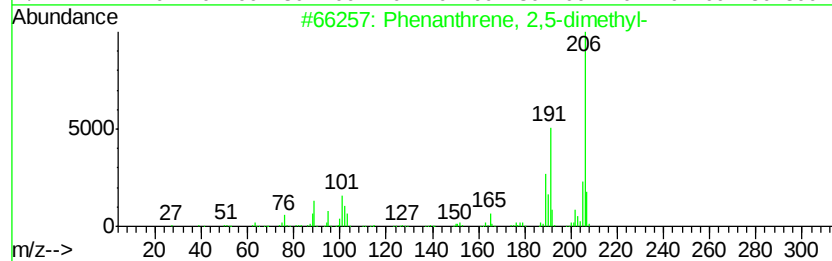
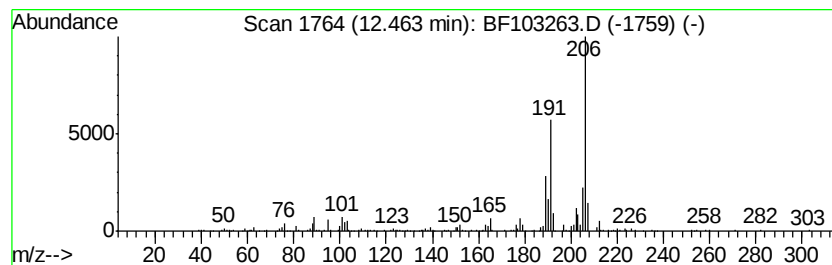
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	8.49 ng	466493	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3		9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5		1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022718\
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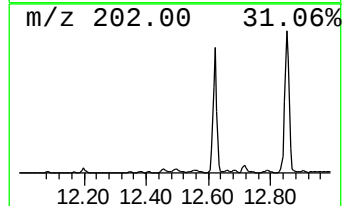
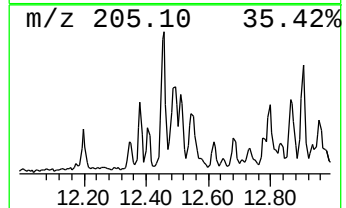
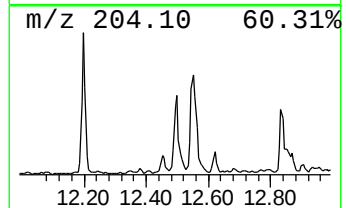
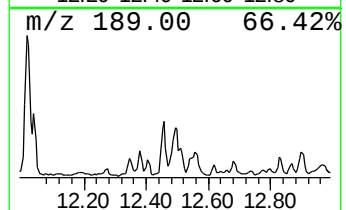
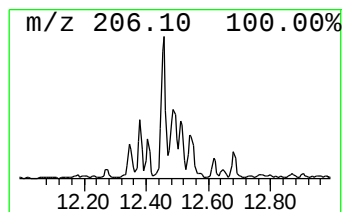
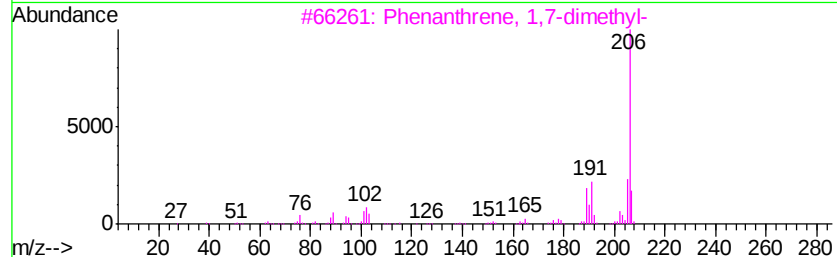
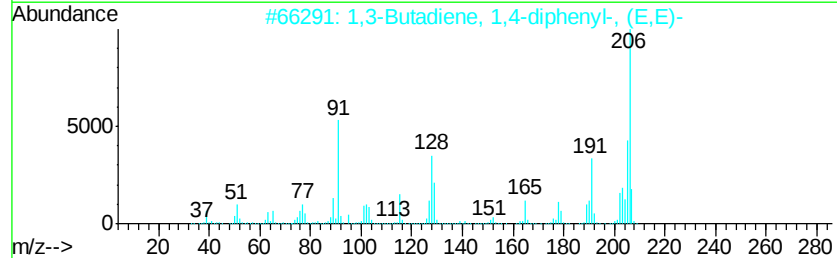
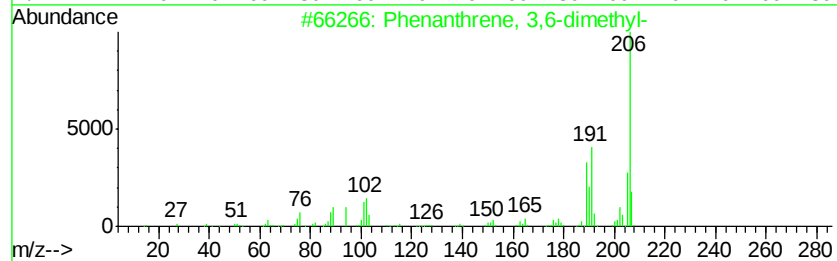
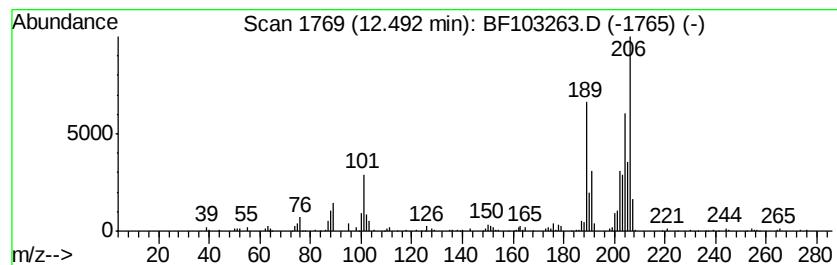
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown12.49 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.49	5.79 ng	318136	Phenanthrene-d10	11.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	49
2	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	46
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	46
4	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	45
5	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022718\
Data File : BF103263.D
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Misc :
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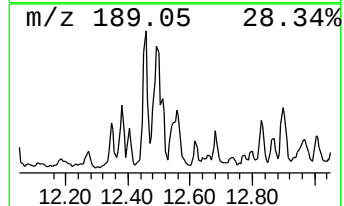
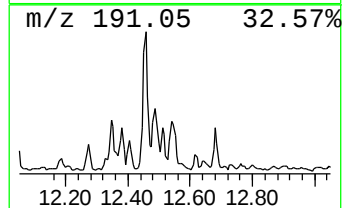
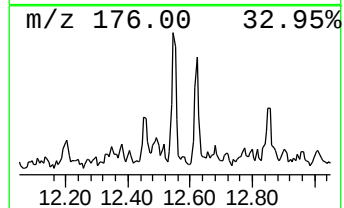
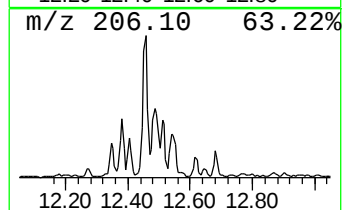
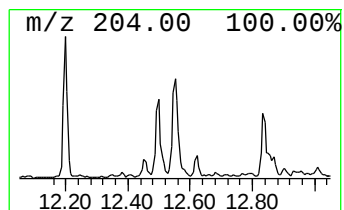
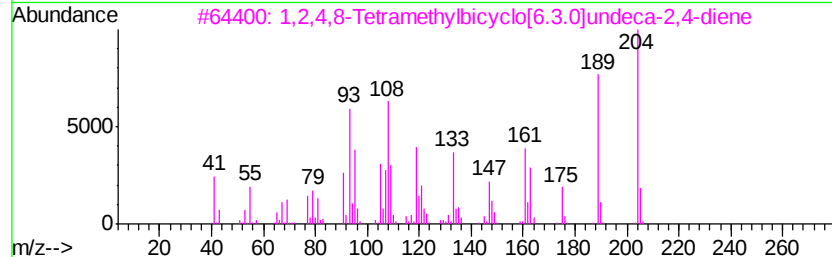
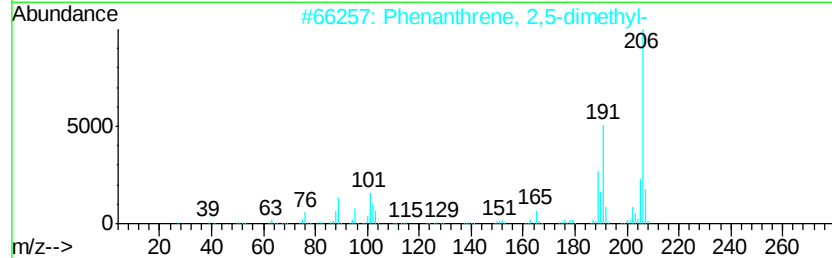
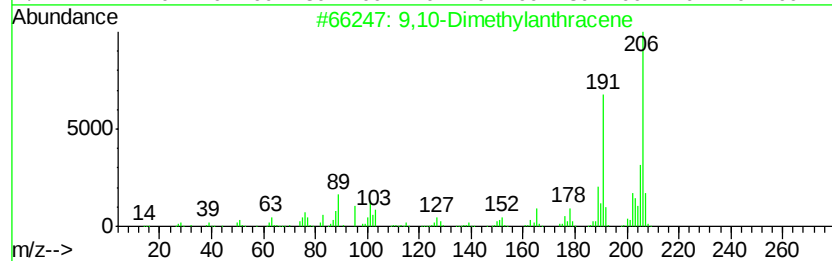
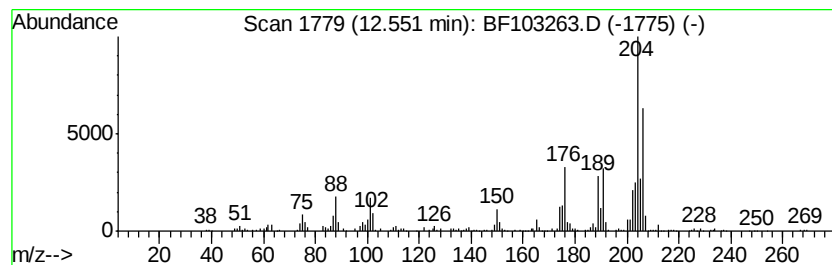
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9,10-Dimethylantracene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	5.49 ng	301504	Phenanthrene-d10	11.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	64
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	64
3			1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	60
4			1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	50
5			1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022718\
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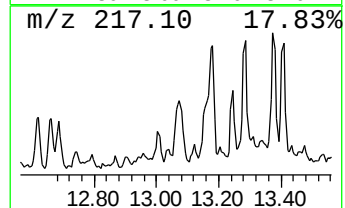
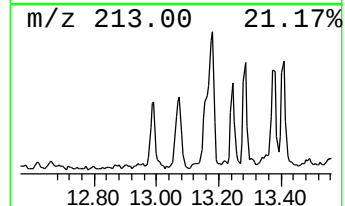
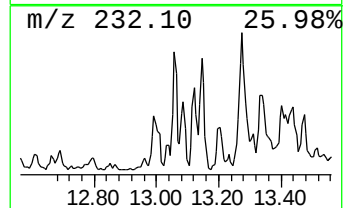
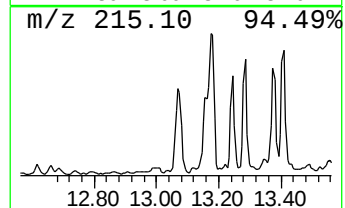
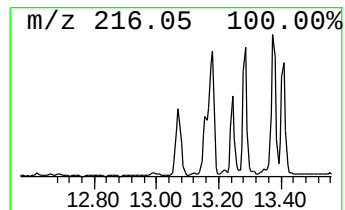
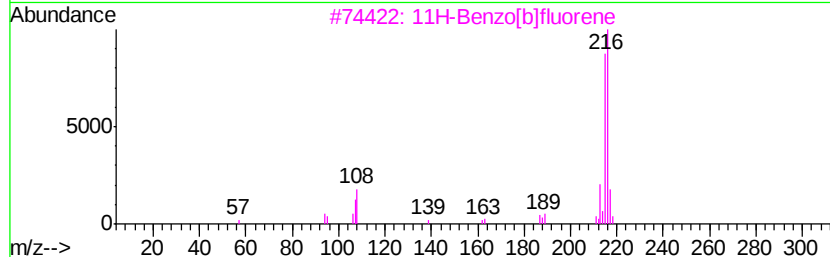
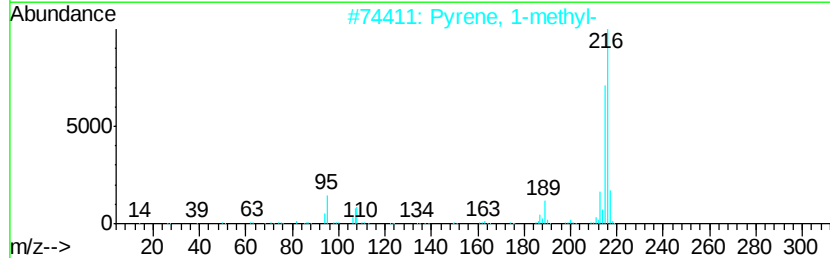
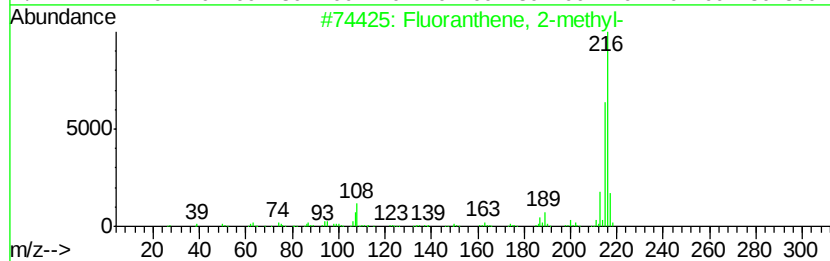
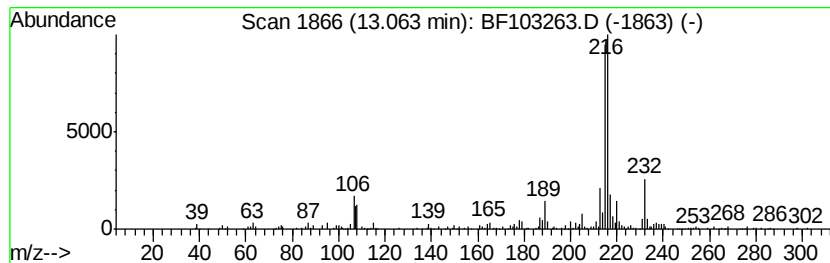
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	4.72 ng	286511	Chrysene-d12	14.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
4			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	76
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022718\
Data File : BF103263.D
Acq On : 27 Feb 2018 15:22
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ALS Vial : 9 Sample Multiplier: 1

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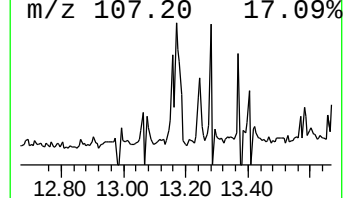
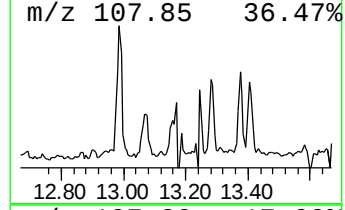
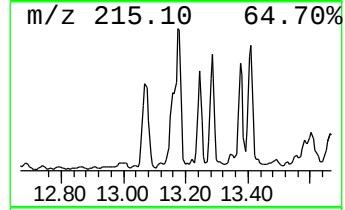
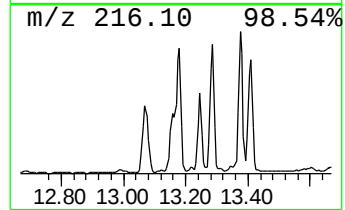
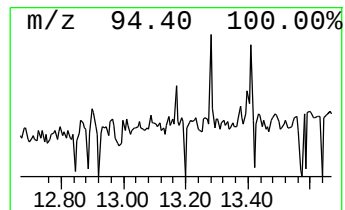
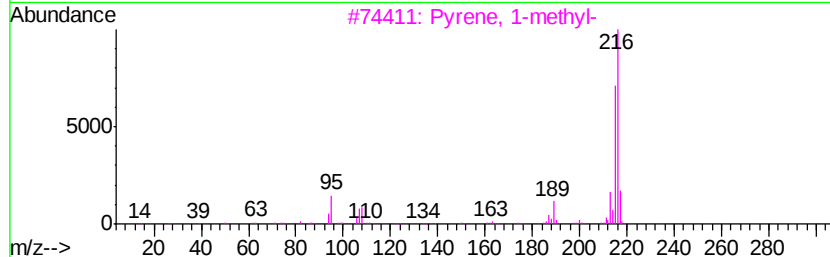
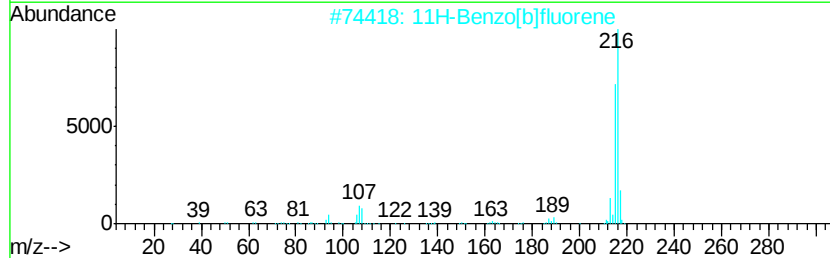
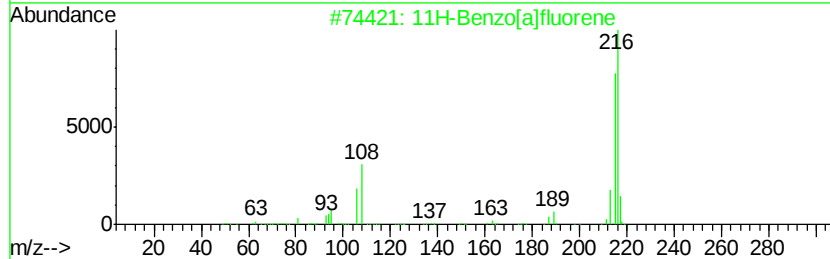
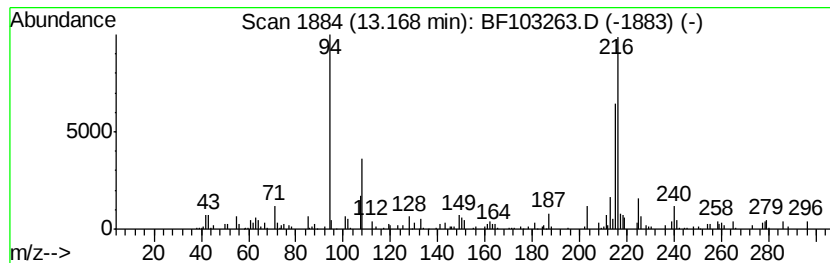
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 11H-Benzo[a]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	4.46 ng	270534	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3		Pvrene, 1-methyl-	216	C17H12	002381-21-7	83
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
Data File : BF103263.D
Acq On : 27 Feb 2018 15:22
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ALS Vial : 9 Sample Multiplier: 1

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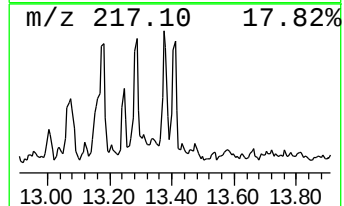
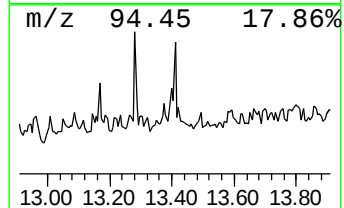
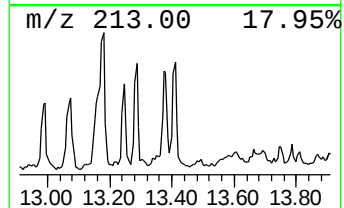
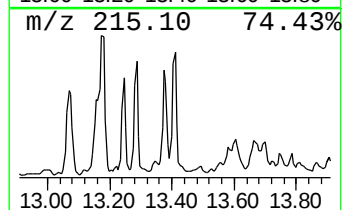
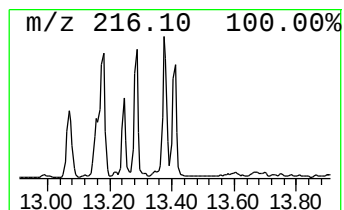
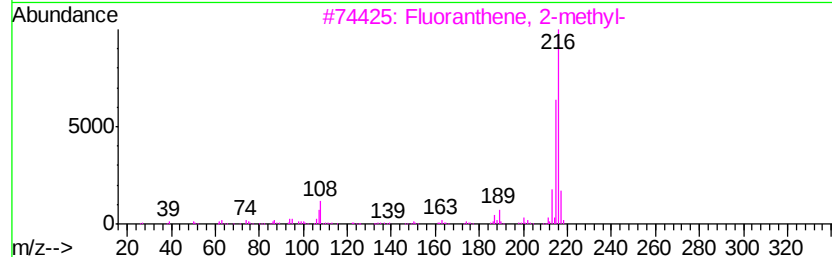
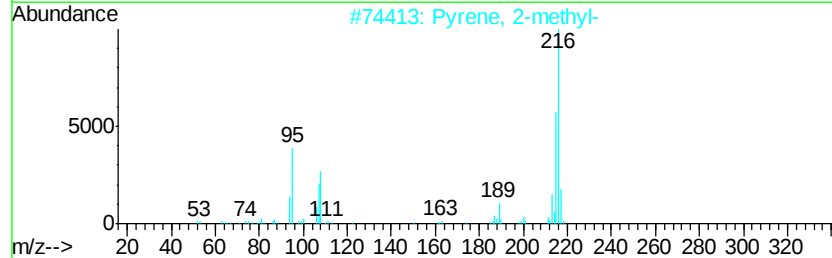
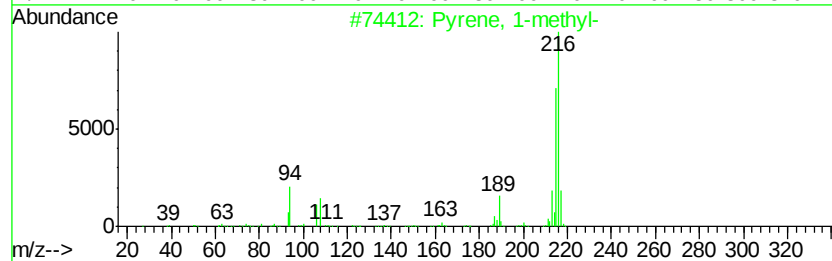
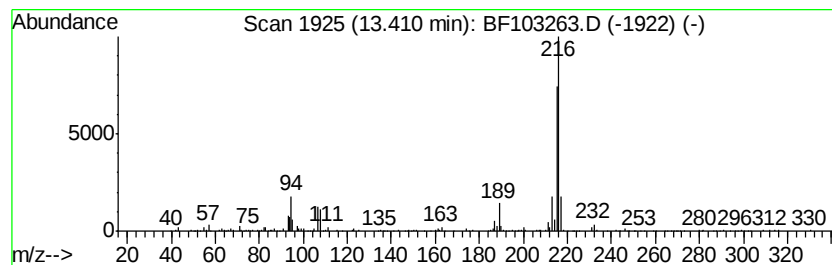
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	5.27 ng	319383	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
4		Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
5		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022718\
 Data File : BF103263.D
 Acq On : 27 Feb 2018 15:22
 Operator : SJ/JU
 Sample : J1397-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-022318-A

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...	2.13	8.1 ng		384392	1	6.87	947973	20.0
unknown6.65	6.65	71.4 ng		3384740	1	6.87	947973	20.0
Naphthalene, 1,6-...	9.50	4.4 ng		275600	3	9.91	1260910	20.0
Naphthalene, 2,3-...	9.57	5.8 ng		364651	3	9.91	1260910	20.0
Naphthalene, 1,6,...	10.22	4.3 ng		268322	3	9.91	1260910	20.0
Pentadecane, 7-me...	10.33	4.2 ng		266868	3	9.91	1260910	20.0
9H-Fluorene, 2-me...	11.00	4.6 ng		253394	4	11.40	1099030	20.0
Phenanthrene, 2-m...	11.90	9.8 ng		537626	4	11.40	1099030	20.0
1H-Cyclopropa[l]p...	12.02	11.8 ng		646519	4	11.40	1099030	20.0
Phenanthrene, 1-m...	12.04	7.0 ng		383234	4	11.40	1099030	20.0
Naphthalene, 2-ph...	12.20	4.4 ng		241180	4	11.40	1099030	20.0
Phenanthrene, 2,5...	12.46	8.5 ng		466493	4	11.40	1099030	20.0
unknown12.49	12.49	5.8 ng		318136	4	11.40	1099030	20.0
9,10-Dimethylanthe...	12.55	5.5 ng		301504	4	11.40	1099030	20.0
Fluoranthene, 2-m...	13.06	4.7 ng		286511	5	14.06	1212790	20.0
11H-Benzo[a]fluorene	13.17	4.5 ng		270534	5	14.06	1212790	20.0
Pyrene, 1-methyl-	13.41	5.3 ng		319383	5	14.06	1212790	20.0