

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104013.D
 Acq On : 28 Mar 2018 16:45
 Operator : JU/SJ
 Sample : J2075-03 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-103(2-3)

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-BF032818.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	3.734	270	280	287	rBV	253188	471822	4.08%	0.387%
2	5.598	594	597	622	rVB	347225	865295	7.48%	0.710%
3	5.810	629	633	650	rBV2	820133	1538106	13.30%	1.262%
4	6.598	764	767	773	rVV	507552	834487	7.22%	0.685%
5	6.734	787	790	796	rVV	666643	888918	7.69%	0.729%
6	6.798	796	801	805	rVV2	784878	1246042	10.78%	1.022%
7	6.839	805	808	816	rVB	344923	486426	4.21%	0.399%
8	6.963	826	829	835	rBV	585067	674575	5.83%	0.554%
9	7.116	851	855	868	rVB2	769762	1011651	8.75%	0.830%
10	7.222	870	873	880	rBV	1490803	1844608	15.95%	1.514%
11	7.369	895	898	905	rBV	317767	483863	4.18%	0.397%
12	7.528	921	925	930	rVV2	539829	656033	5.67%	0.538%
13	7.822	971	975	988	rVB	1967937	2439495	21.10%	2.002%
14	7.992	998	1004	1007	rBV2	293052	520081	4.50%	0.427%
15	8.039	1007	1012	1016	rVV	326353	445328	3.85%	0.365%
16	8.222	1037	1043	1044	rBV2	242938	327374	2.83%	0.269%
17	8.286	1044	1054	1058	rVV2	5818065	11563992	100.00%	9.489%
18	8.328	1058	1061	1070	rVB	728281	942961	8.15%	0.774%
19	8.457	1079	1083	1090	rBV	993586	1008637	8.72%	0.828%
20	8.516	1090	1093	1100	rVV2	984239	1058694	9.16%	0.869%
21	8.963	1164	1169	1175	rBV2	3835227	4444805	38.44%	3.647%
22	9.063	1181	1186	1194	rVB	2559710	2747912	23.76%	2.255%
23	9.316	1224	1229	1236	rBV	1322093	1390343	12.02%	1.141%
24	9.422	1244	1247	1249	rBV	832867	752036	6.50%	0.617%
25	9.451	1249	1252	1257	rVV	972472	1133118	9.80%	0.930%
26	9.516	1261	1263	1269	rVB2	228769	371573	3.21%	0.305%
27	9.592	1269	1276	1277	rBV2	837995	1205104	10.42%	0.989%
28	9.610	1277	1279	1284	rVV	1631650	1695901	14.67%	1.392%
29	9.663	1284	1288	1289	rVV	1207707	1366169	11.81%	1.121%
30	9.686	1289	1292	1303	rVV3	1521428	2275837	19.68%	1.868%
31	9.780	1304	1308	1309	rVV	615370	616070	5.33%	0.506%
32	9.827	1313	1316	1320	rVV	926602	1179393	10.20%	0.968%
33	9.863	1320	1322	1328	rVV2	849690	1045580	9.04%	0.858%
34	9.910	1328	1330	1333	rVB2	489423	432749	3.74%	0.355%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032818\
 Data File : BF104013.D
 Acq On : 28 Mar 2018 16:45
 Operator : JU/SJ
 Sample : J2075-03 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-103(2-3)

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-BF032818.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.980	1339	1342	1344	rBV	425914	445726	3.85%	0.366%
36	10.004	1344	1346	1349	rVV2	1024842	912390	7.89%	0.749%
37	10.039	1349	1352	1355	rVB	749226	692399	5.99%	0.568%
38	10.110	1360	1364	1367	rVB	259923	301041	2.60%	0.247%
39	10.210	1377	1381	1384	rVV	1494656	1690562	14.62%	1.387%
40	10.239	1384	1386	1390	rVB4	458262	489893	4.24%	0.402%
41	10.316	1395	1399	1402	rBV	527515	580625	5.02%	0.476%
42	10.351	1402	1405	1410	rVB3	356423	421769	3.65%	0.346%
43	10.416	1411	1416	1422	rBV2	1018714	1233175	10.66%	1.012%
44	10.557	1436	1440	1445	rVB	2479259	2686756	23.23%	2.205%
45	10.633	1449	1453	1456	rVB	522249	559855	4.84%	0.459%
46	10.710	1463	1466	1471	rVB2	485381	473128	4.09%	0.388%
47	10.798	1477	1481	1484	rBV3	860862	1097828	9.49%	0.901%
48	10.892	1494	1497	1506	rVB2	1348064	2180155	18.85%	1.789%
49	11.104	1531	1533	1536	rVV2	537284	516003	4.46%	0.423%
50	11.133	1536	1538	1543	rVB	377755	367766	3.18%	0.302%
51	11.233	1550	1555	1557	rBV5	233009	426148	3.69%	0.350%
52	11.304	1564	1567	1570	rBV	310501	373591	3.23%	0.307%
53	11.339	1570	1573	1576	rVV	1413076	1224177	10.59%	1.005%
54	11.368	1576	1578	1580	rVV	617861	500445	4.33%	0.411%
55	11.398	1580	1583	1585	rVV	841424	804225	6.95%	0.660%
56	11.421	1585	1587	1594	rVB	868055	917232	7.93%	0.753%
57	11.504	1598	1601	1602	rBV	723508	728198	6.30%	0.598%
58	11.539	1602	1607	1610	rVV	4133315	5895364	50.98%	4.838%
59	11.586	1611	1615	1617	rVV	2196272	2132397	18.44%	1.750%
60	11.610	1617	1619	1624	rVB	816870	754274	6.52%	0.619%
61	11.727	1635	1639	1643	rBV3	715458	1200141	10.38%	0.985%
62	11.768	1643	1646	1648	rVV	957522	749470	6.48%	0.615%
63	11.833	1654	1657	1662	rVB2	489325	521592	4.51%	0.428%
64	11.898	1665	1668	1669	rBV	320745	297740	2.57%	0.244%
65	12.004	1683	1686	1689	rBV	1102599	1283673	11.10%	1.053%
66	12.033	1689	1691	1695	rVB	978933	856864	7.41%	0.703%
67	12.080	1697	1699	1702	rBV	381087	348322	3.01%	0.286%
68	12.121	1702	1706	1708	rBV2	1499233	1767644	15.29%	1.450%
69	12.180	1713	1716	1719	rVV	514758	457046	3.95%	0.375%
70	12.304	1734	1737	1739	rBV	526402	526512	4.55%	0.432%
71	12.563	1778	1781	1784	rBV	710696	729890	6.31%	0.599%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032818\
 Data File : BF104013.D
 Acq On : 28 Mar 2018 16:45
 Operator : JU/SJ
 Sample : J2075-03 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-103(2-3)

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-BF032818.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.745	1807	1812	1815	rBV	3311583	4239609	36.66%	3.479%
73	12.968	1842	1850	1853	rBV2	3329484	4685161	40.52%	3.845%
74	13.004	1853	1856	1860	rVB	364117	418217	3.62%	0.343%
75	13.086	1866	1870	1872	rVB2	788940	823894	7.12%	0.676%
76	13.168	1880	1884	1890	rBV2	410682	822751	7.11%	0.675%
77	13.280	1896	1903	1908	rVB	902176	1545368	13.36%	1.268%
78	13.351	1912	1915	1917	rVV	620776	611254	5.29%	0.502%
79	13.386	1918	1921	1924	rVB2	501627	525492	4.54%	0.431%
80	13.480	1934	1937	1940	rBV	391405	431197	3.73%	0.354%
81	13.510	1940	1942	1951	rVB	484667	626756	5.42%	0.514%
82	13.792	1987	1990	1994	rVB	375357	416399	3.60%	0.342%
83	13.904	2006	2009	2011	rBV	445551	396843	3.43%	0.326%
84	13.927	2011	2013	2016	rVV	427473	404878	3.50%	0.332%
85	13.957	2016	2018	2022	rVV3	418323	431639	3.73%	0.354%
86	14.151	2046	2051	2055	rBV2	1921369	3316668	28.68%	2.722%
87	14.192	2055	2058	2064	rVB	1913766	2163362	18.71%	1.775%
88	14.309	2075	2078	2084	rVB3	289968	410051	3.55%	0.336%
89	14.545	2116	2118	2121	rVB	485010	454532	3.93%	0.373%
90	14.580	2122	2124	2129	rVB2	315556	302936	2.62%	0.249%
91	15.251	2232	2238	2241	rBV	1444215	2893157	25.02%	2.374%
92	15.356	2253	2256	2263	rVB	409727	528900	4.57%	0.434%
93	15.574	2288	2293	2299	rVB	971863	1460838	12.63%	1.199%
94	15.645	2299	2305	2311	rBV	1477134	2208902	19.10%	1.813%
95	15.704	2311	2315	2318	rVV	462601	669367	5.79%	0.549%
96	15.739	2318	2321	2327	rVB2	427354	610705	5.28%	0.501%
97	16.133	2384	2388	2393	rBV	322713	499404	4.32%	0.410%
98	17.298	2578	2586	2594	rVB2	653624	1567704	13.56%	1.286%
99	17.480	2613	2617	2623	rBV	147115	311859	2.70%	0.256%
100	17.786	2662	2669	2676	rBV	445827	977738	8.46%	0.802%

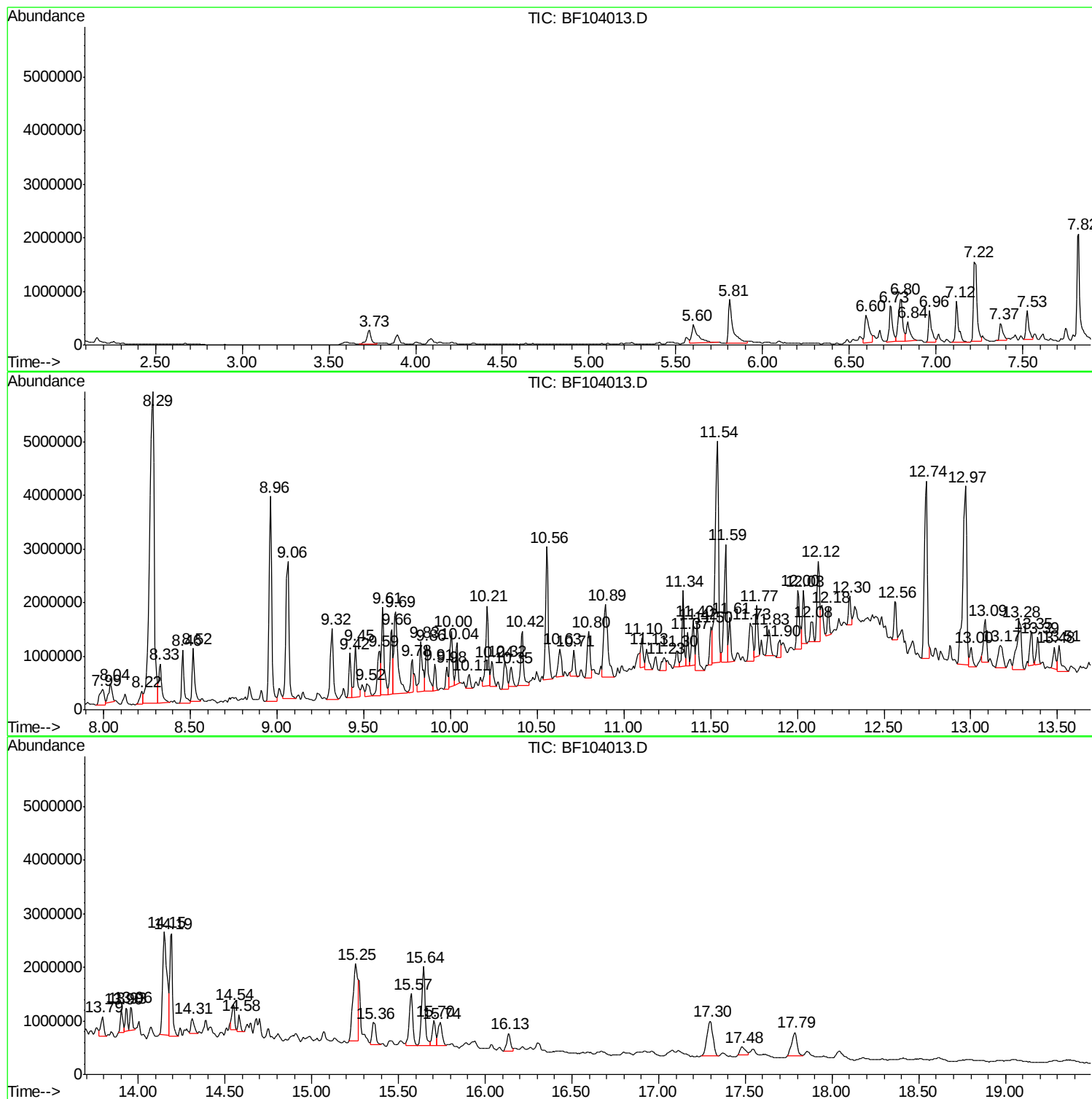
Sum of corrected areas: 121864575

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104013.D
Acq On : 28 Mar 2018 16:45
Operator : JU/SJ
Sample : J2075-03 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-103(2-3)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104013.D
Acq On : 28 Mar 2018 16:45
Operator : JU/SJ
Sample : J2075-03 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-103(2-3)

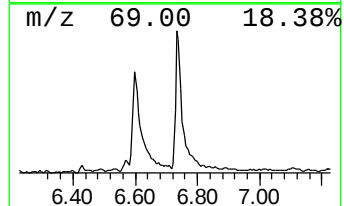
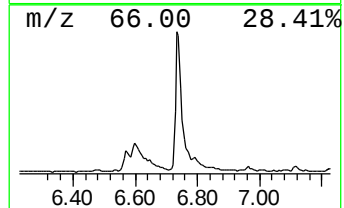
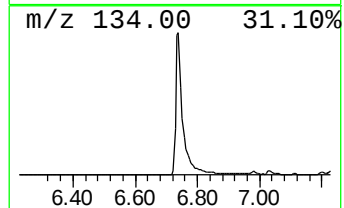
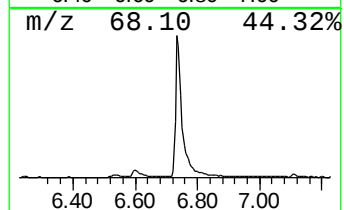
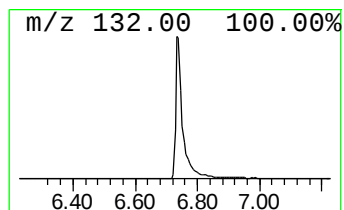
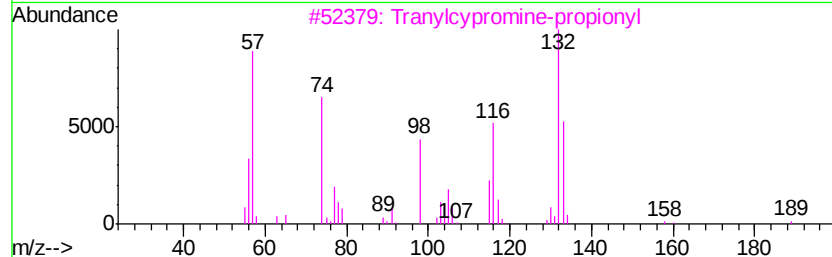
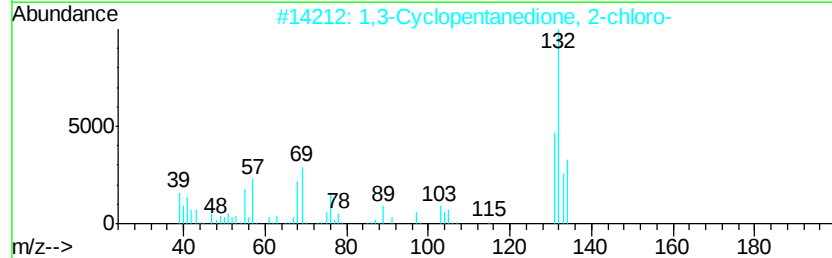
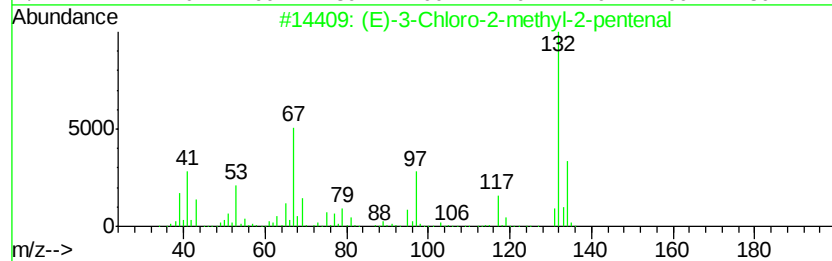
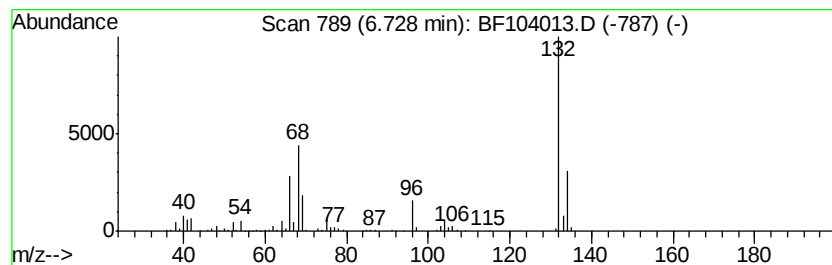
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.73 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	26.35 ng	888918	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104013.D
Acq On : 28 Mar 2018 16:45
Operator : JU/SJ
Sample : J2075-03 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-103(2-3)

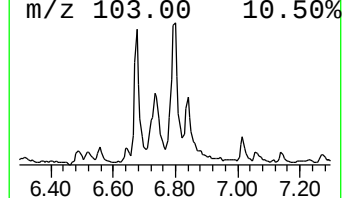
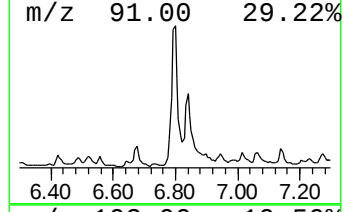
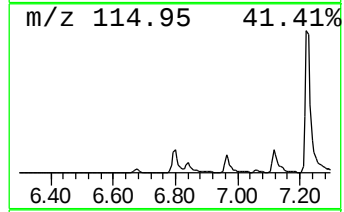
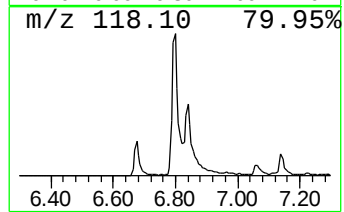
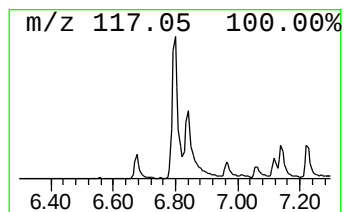
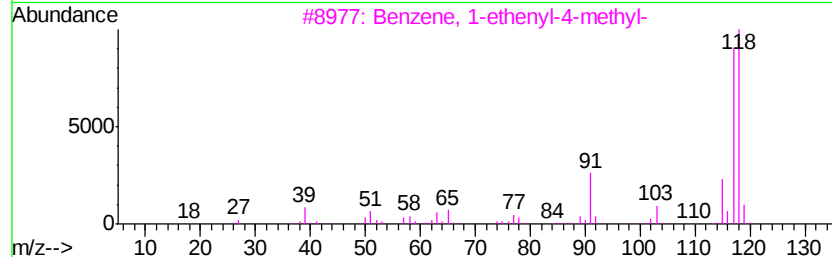
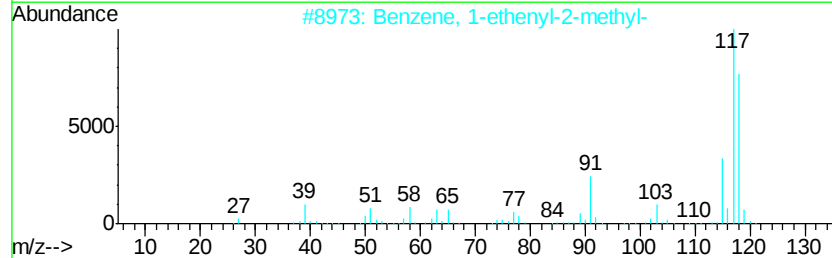
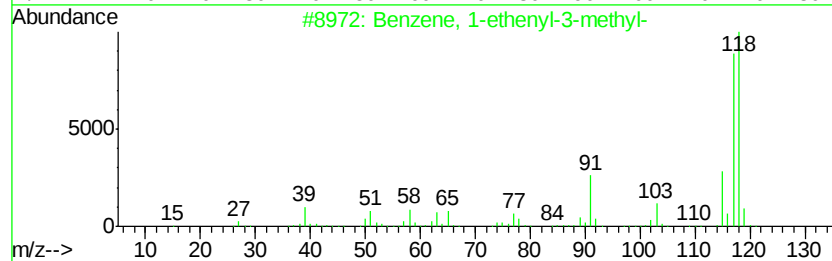
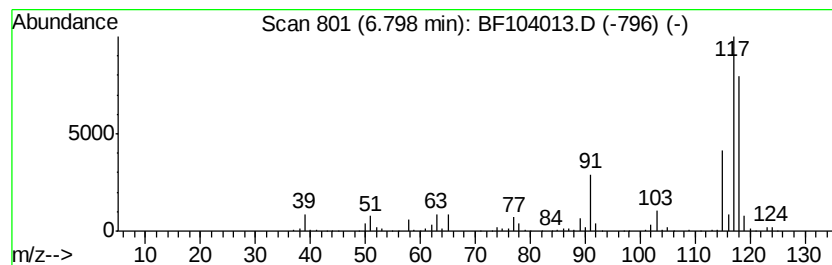
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1-ethenyl-3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	36.94 ng	1246040	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
2		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	95
3		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032818\
Data File : BF104013.D
Acq On : 28 Mar 2018 16:45
Operator : JU/SJ
Sample : J2075-03 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-103(2-3)

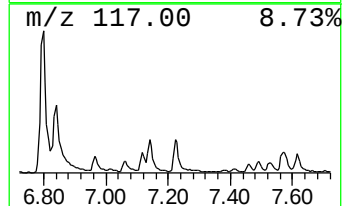
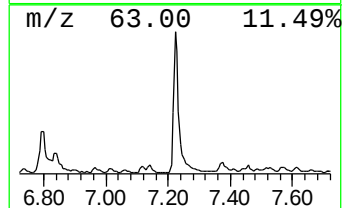
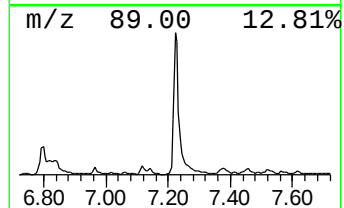
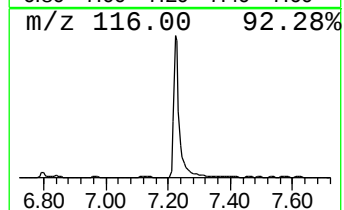
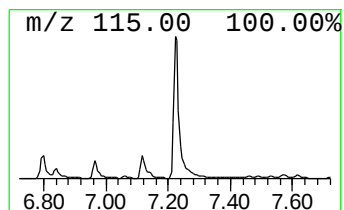
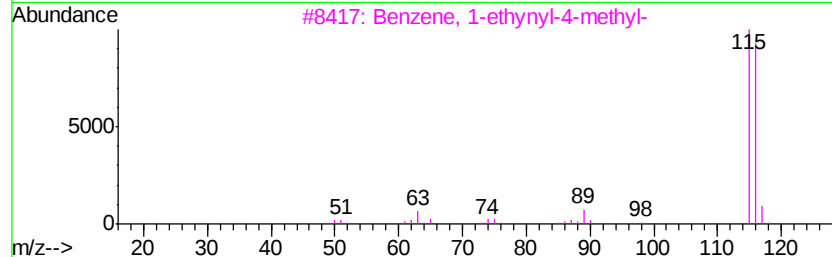
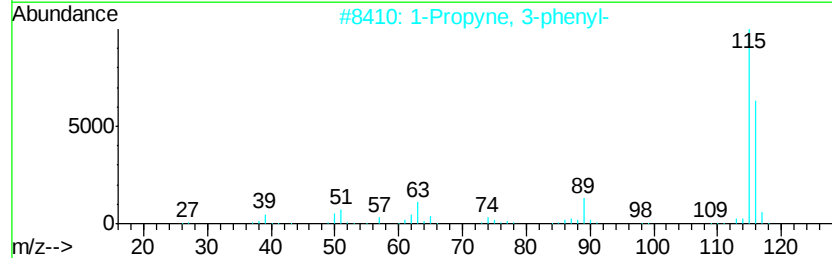
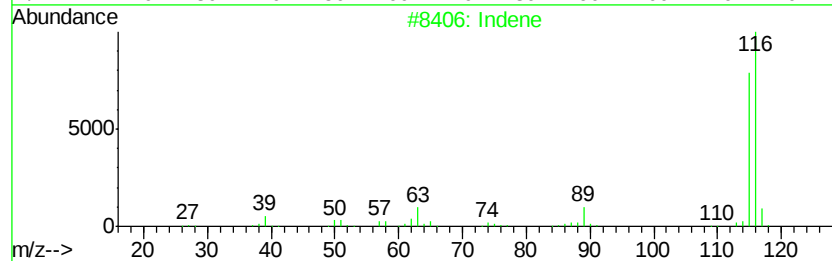
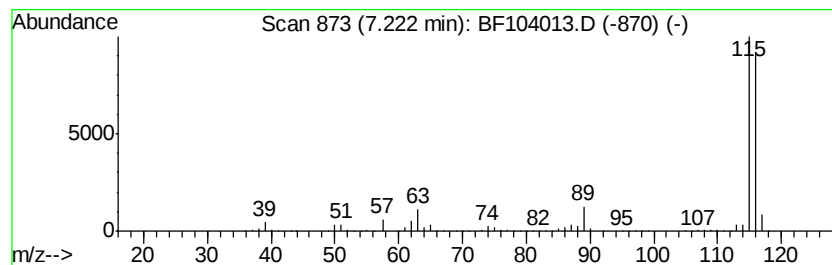
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Indene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	54.69 ng	1844610	1,4-Dichlorobenzene-d4	6.96

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene		116	C9H8	000095-13-6	97
2	1-Propyne, 3-phenyl-		116	C9H8	010147-11-2	94
3	Benzene, 1-ethynyl-4-methyl-		116	C9H8	000766-97-2	91
4	3-Methylphenylacetylene		116	C9H8	000766-82-5	91
5	Benzene, 1-propynyl-		116	C9H8	000673-32-5	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032818\
Data File : BF104013.D
Acq On : 28 Mar 2018 16:45
Operator : JU/SJ
Sample : J2075-03 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-103(2-3)

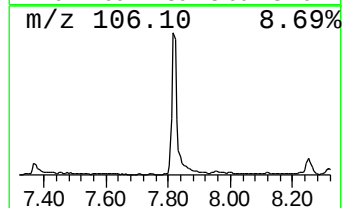
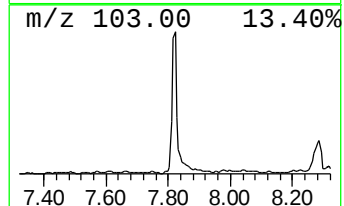
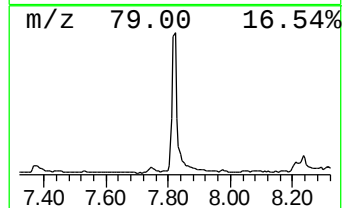
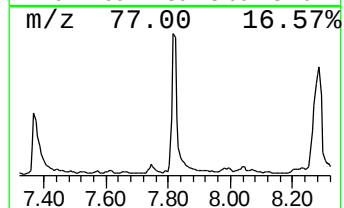
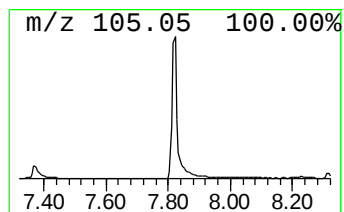
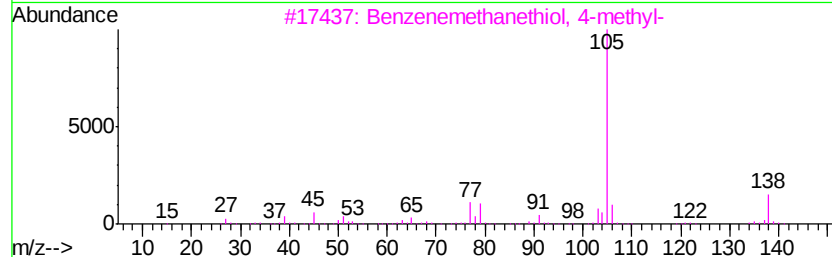
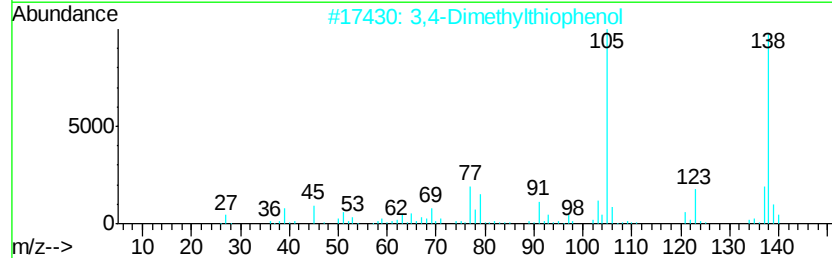
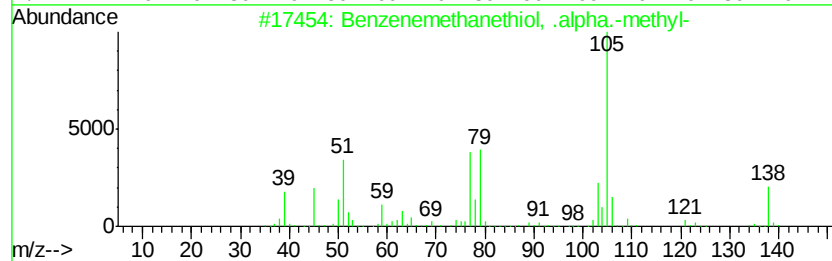
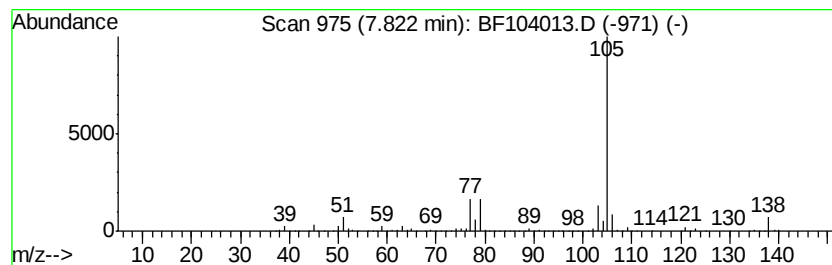
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzenemethanethiol, .alpha... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	149.03 ng	2439500	Napthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenemethanethiol, .alpha.-met...	138	C8H10S	006263-65-6	81
2		3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	78
3		Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	72
4		Benzene, (1-bromoethyl)-	184	C8H9Br	000585-71-7	72
5		Benzene, 1-(bromomethyl)-4-methyl-	184	C8H9Br	000104-81-4	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032818\
Data File : BF104013.D
Acq On : 28 Mar 2018 16:45
Operator : JU/SJ
Sample : J2075-03 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-103(2-3)

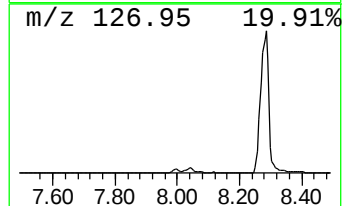
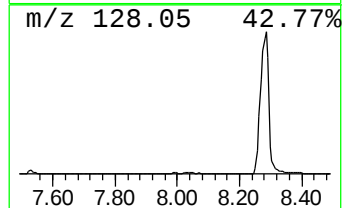
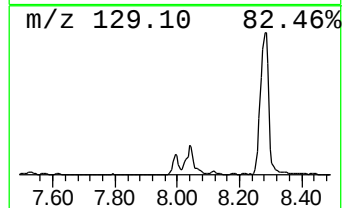
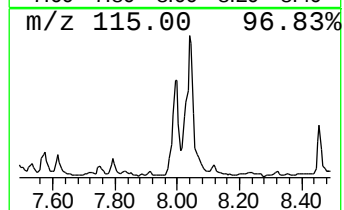
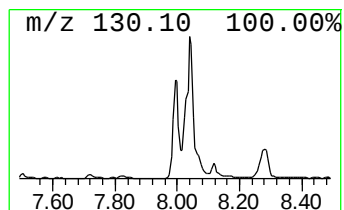
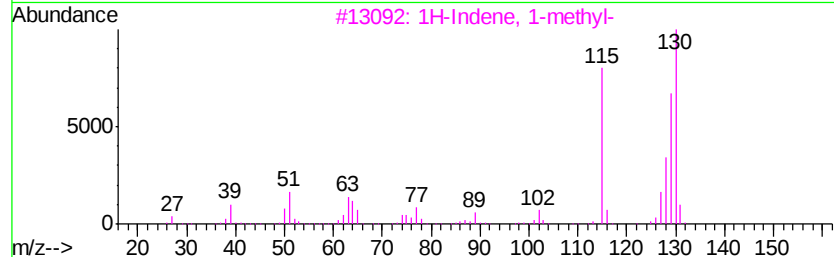
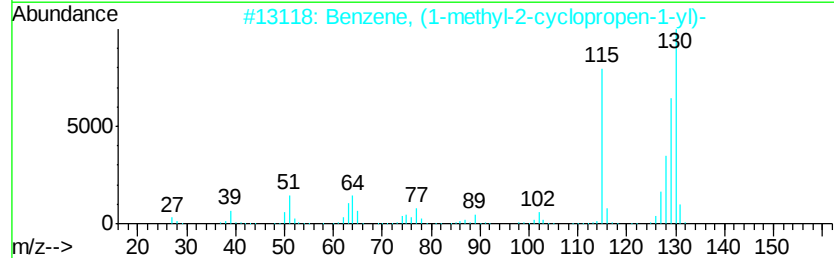
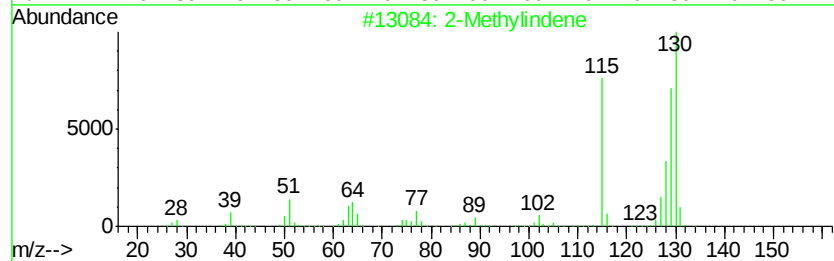
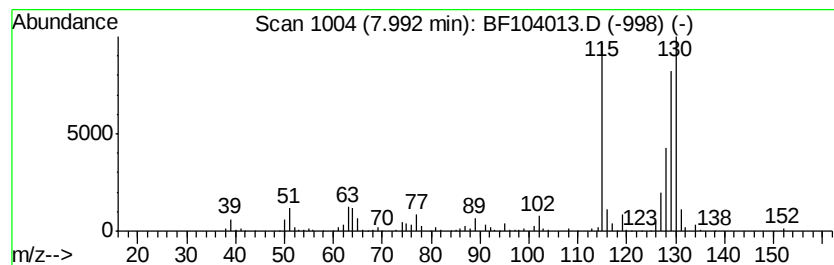
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2-Methylindene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	31.77 ng	520081	Naphthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methylindene	130	C10H10	002177-47-1	95
2		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	94
3		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
4		Benzene, 1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
5		Benzene, 1-butynyl-	130	C10H10	000622-76-4	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032818\
Data File : BF104013.D
Acq On : 28 Mar 2018 16:45
Operator : JU/SJ
Sample : J2075-03 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

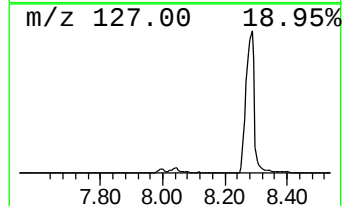
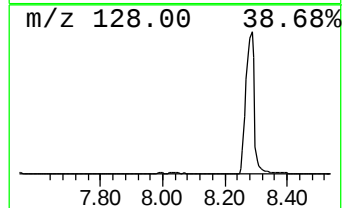
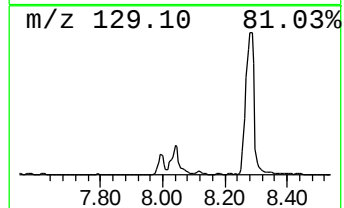
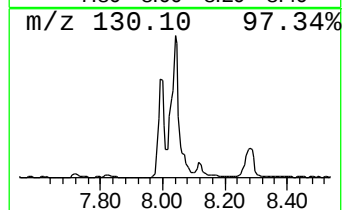
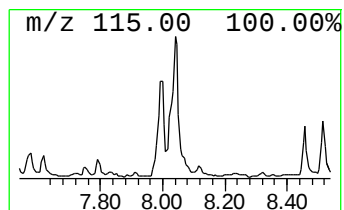
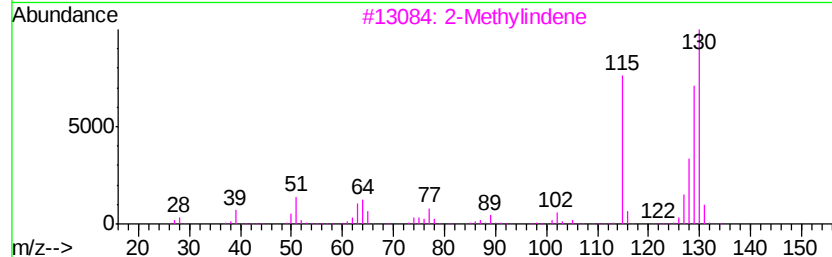
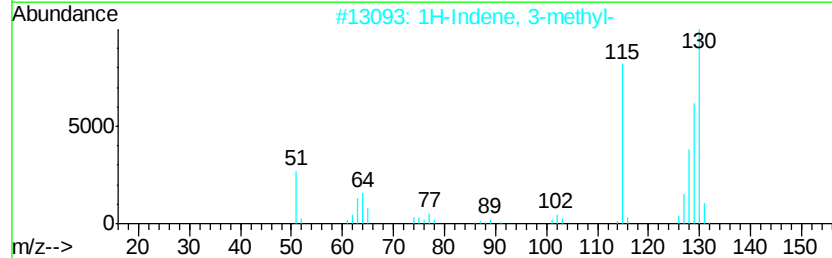
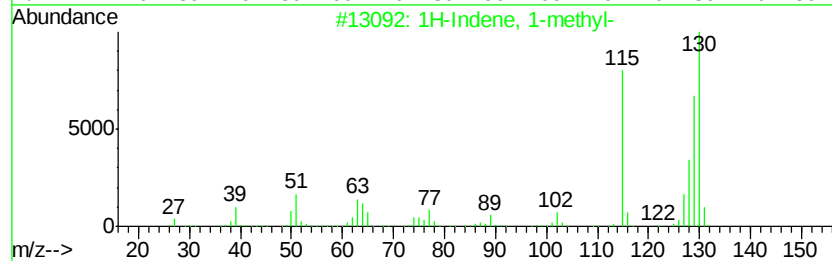
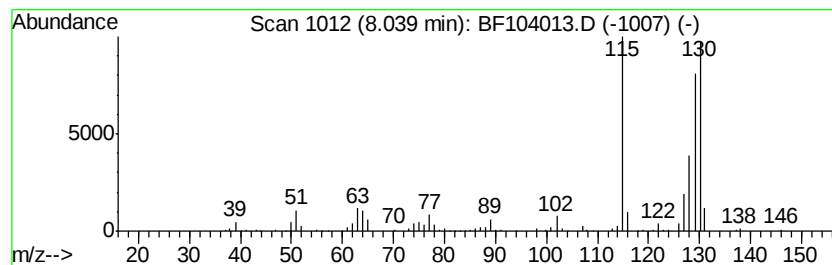
Instrument :
BNA_F
ClientSampleId :
MW-103(2-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1H-Indene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.04	27.21 ng	445328	Naphthalene-d8	8.25		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
2		1H-Indene, 3-methyl-	130	C10H10	000767-60-2	95
3		2-Methylindene	130	C10H10	002177-47-1	94
4		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
5		Benzene, 1-butylnyl-	130	C10H10	000622-76-4	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104013.D
Acq On : 28 Mar 2018 16:45
Operator : JU/SJ
Sample : J2075-03 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-103(2-3)

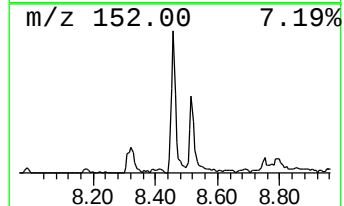
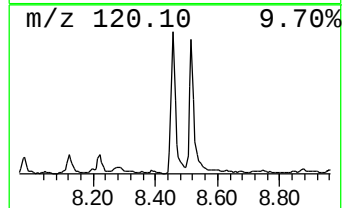
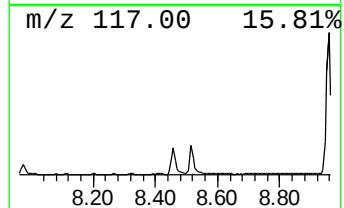
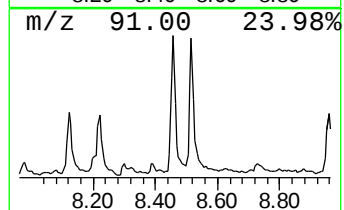
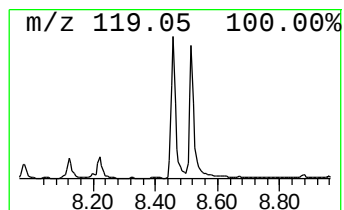
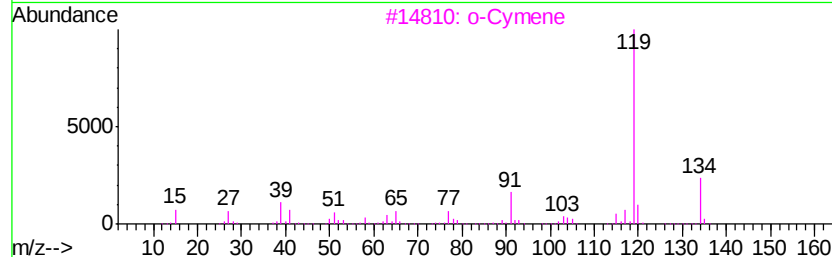
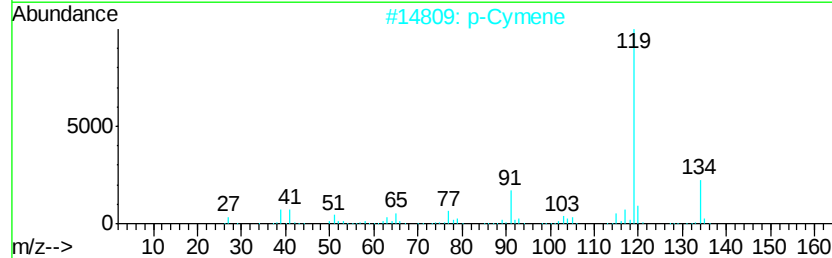
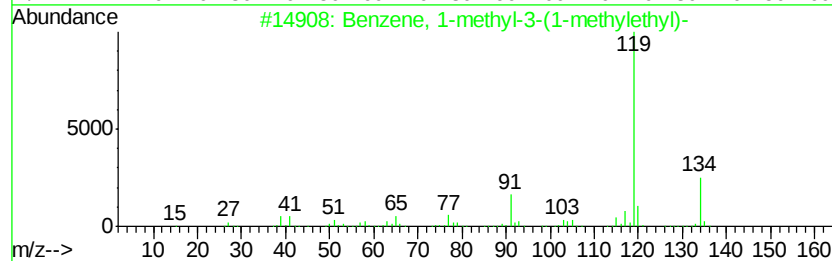
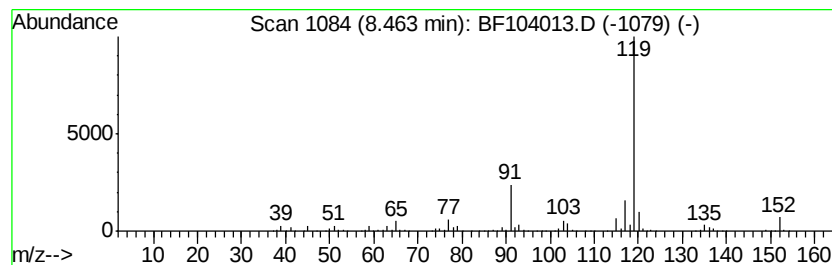
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1-methyl-3-(1-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	61.62 ng	1008640	Napthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
2		p-Cymene	134	C10H14	000099-87-6	87
3		o-Cymene	134	C10H14	000527-84-4	83
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	72
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104013.D
Acq On : 28 Mar 2018 16:45
Operator : JU/SJ
Sample : J2075-03 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-103(2-3)

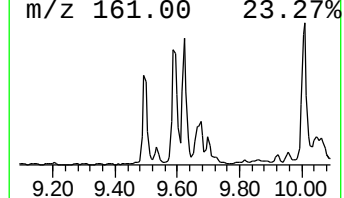
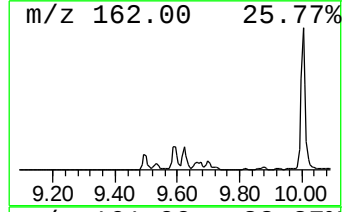
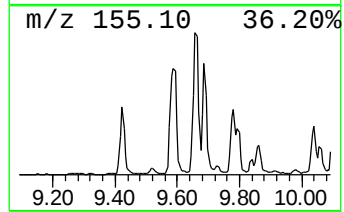
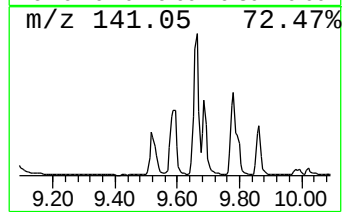
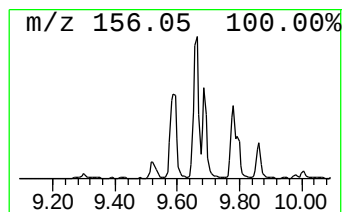
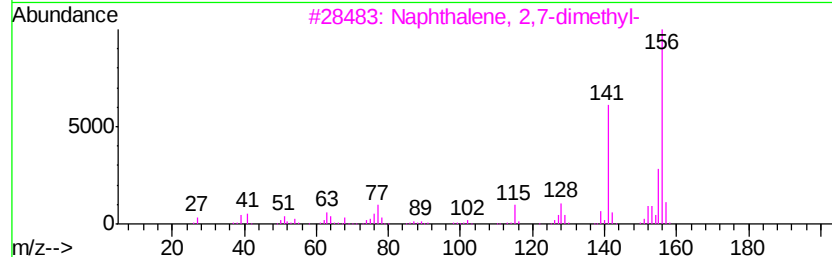
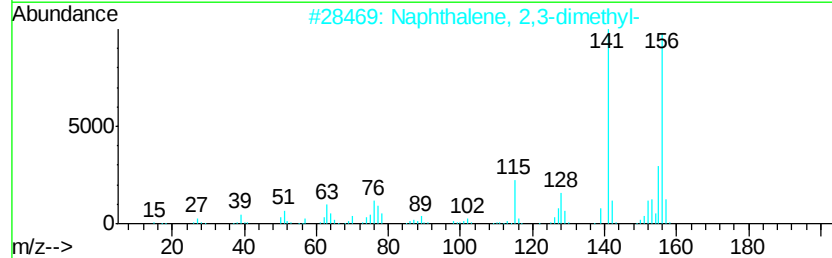
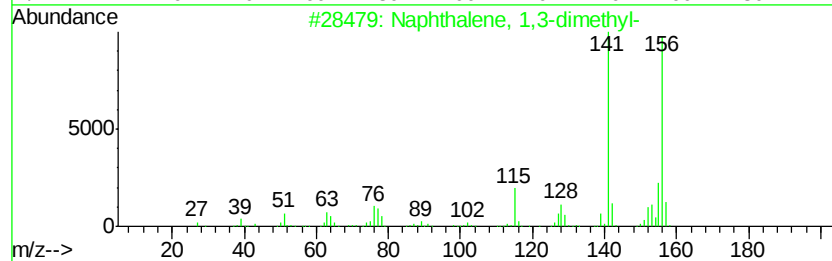
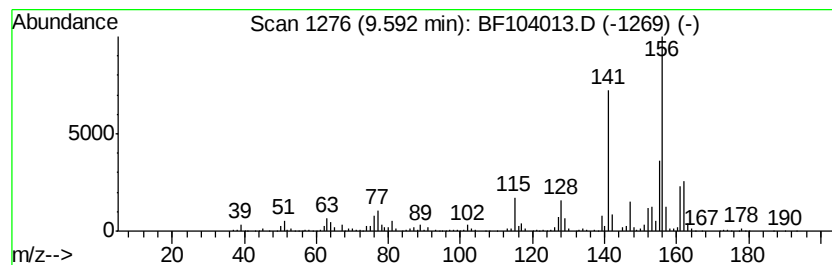
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	26.42 ng	1205100	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104013.D
Acq On : 28 Mar 2018 16:45
Operator : JU/SJ
Sample : J2075-03 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-103(2-3)

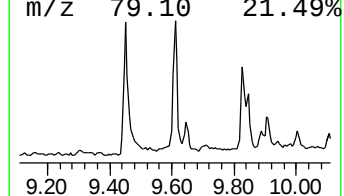
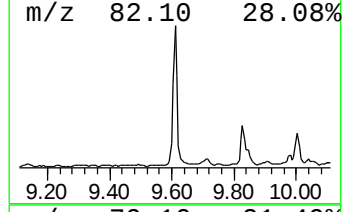
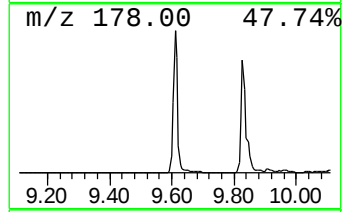
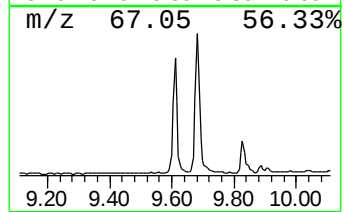
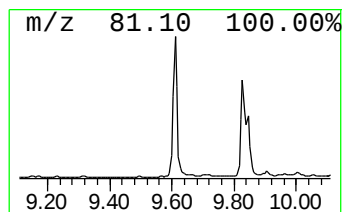
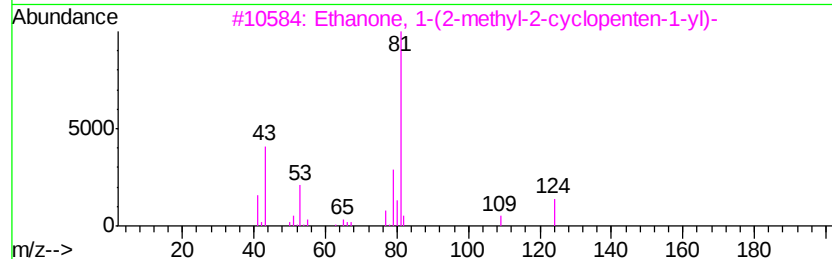
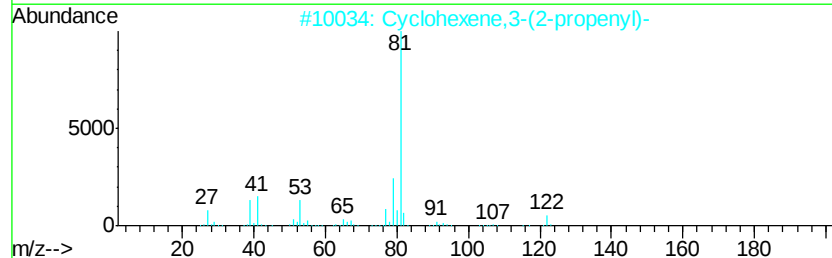
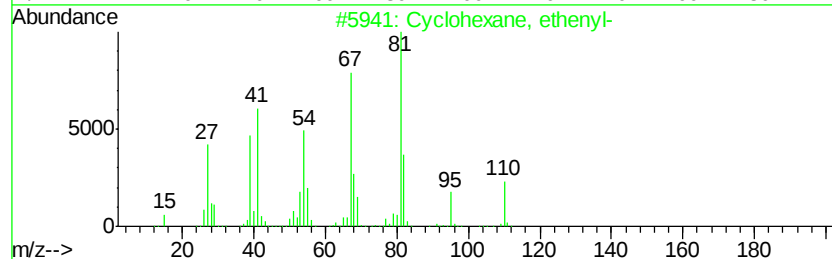
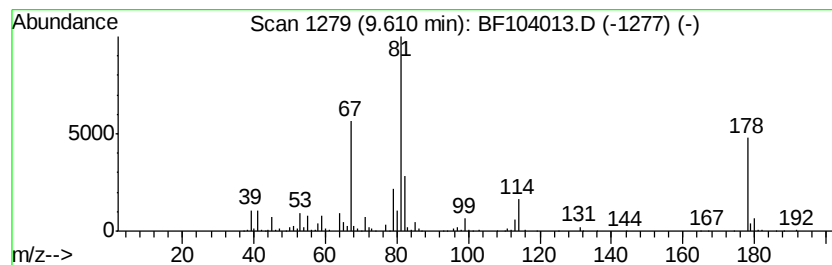
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown9.61 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	37.17 ng	1695900	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, ethenyl-	110	C8H14	000695-12-5	47
2		Cyclohexene,3-(2-propenyl)-	122	C9H14	015232-95-8	32
3		Ethanone, 1-(2-methyl-2-cyclopenten-1-yl)-	124	C8H12O	001767-84-6	32
4		1,5-Hexadiene, 2-methyl-	96	C7H12	004049-81-4	32
5		2-Cyclopentene-1-carboxylic acid...	140	C8H12O2	068317-73-7	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104013.D
Acq On : 28 Mar 2018 16:45
Operator : JU/SJ
Sample : J2075-03 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

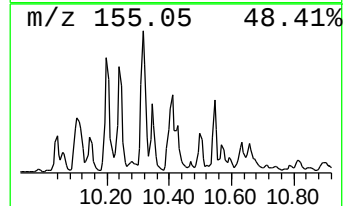
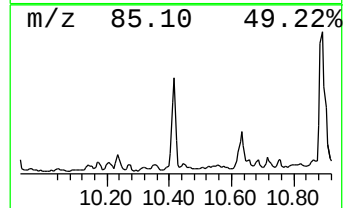
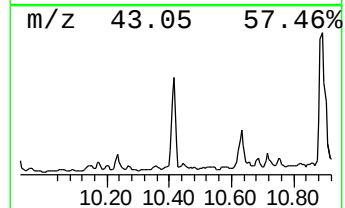
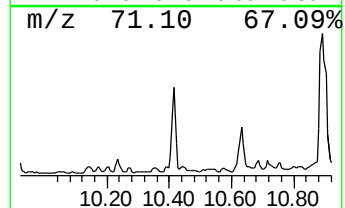
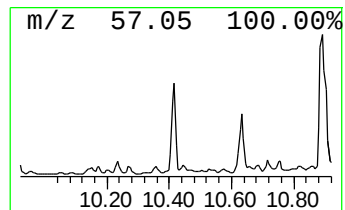
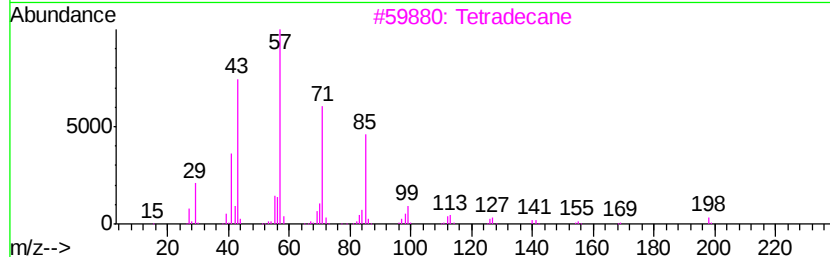
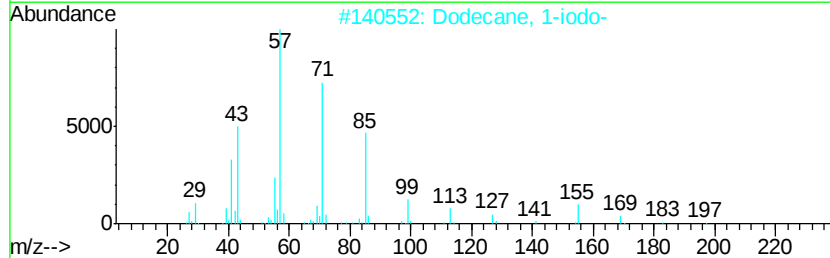
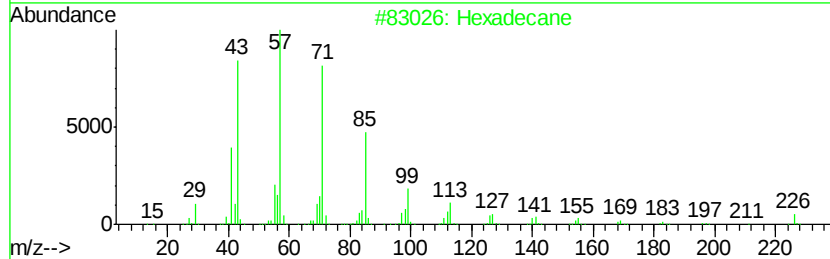
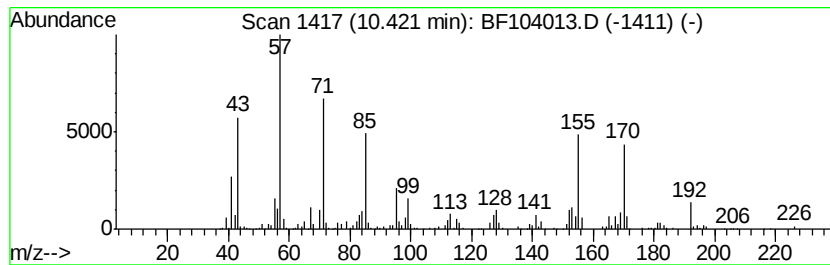
Instrument :
BNA_F
ClientSampleId :
MW-103(2-3)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	27.03 ng	1233180	Acenaphthene-d10	10.00
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	89
2	Dodecane, 1-iodo-	296 C12H25I	004292-19-7	83
3	Tetradecane	198 C14H30	000629-59-4	74
4	Pentadecane	212 C15H32	000629-62-9	72
5	Octadecane	254 C18H38	000593-45-3	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104013.D
Acq On : 28 Mar 2018 16:45
Operator : JU/SJ
Sample : J2075-03 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

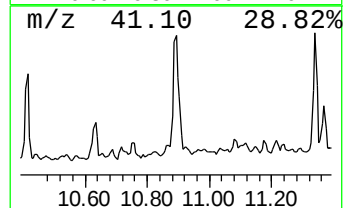
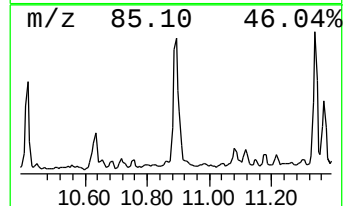
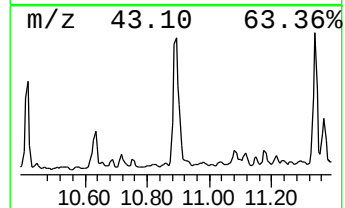
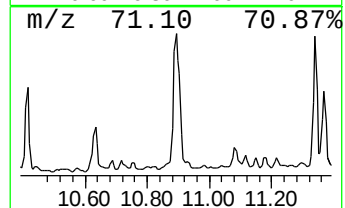
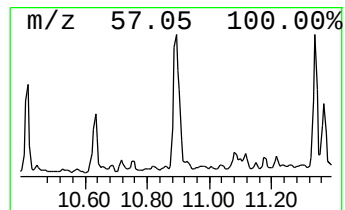
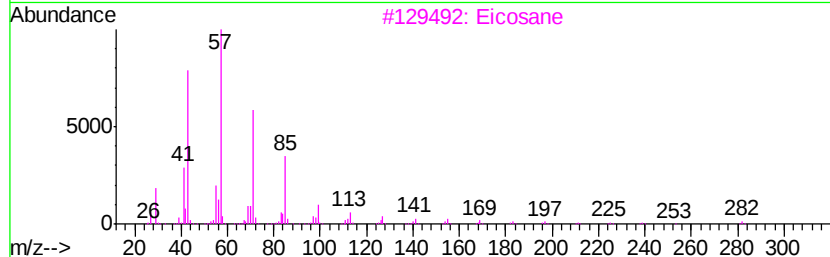
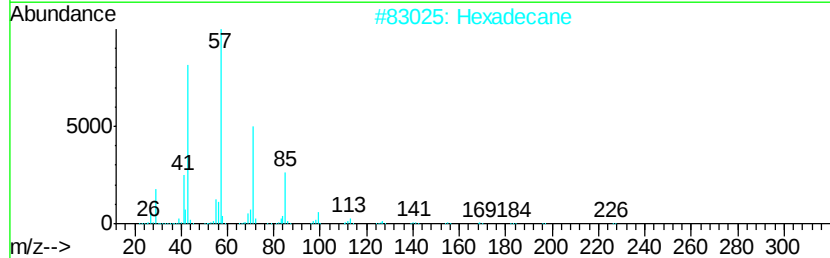
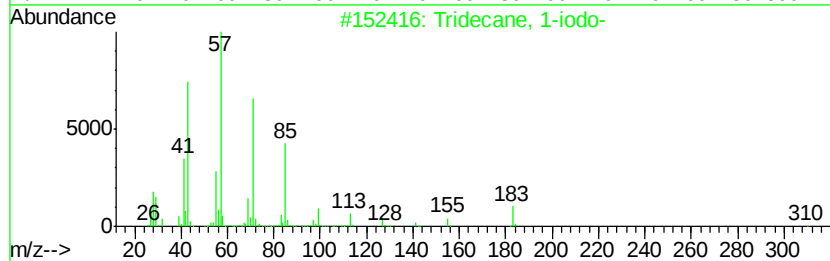
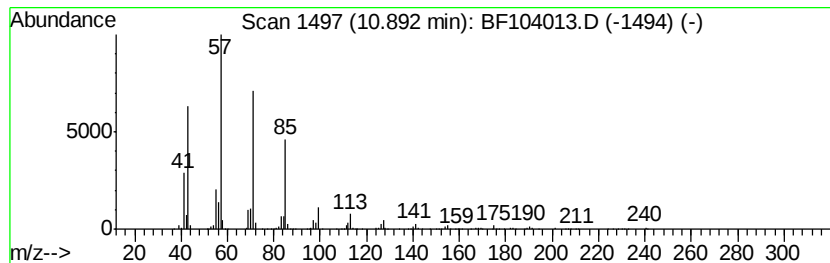
Instrument :
BNA_F
ClientSampleId :
MW-103(2-3)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.89	59.88 ng	2180160	Phenanthrene-d10	11.50	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Eicosane	282	C20H42	000112-95-8	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032818\
Data File : BF104013.D
Acq On : 28 Mar 2018 16:45
Operator : JU/SJ
Sample : J2075-03 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-103(2-3)

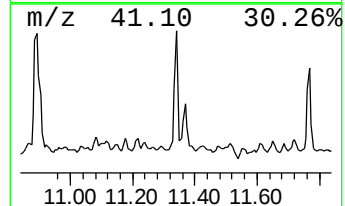
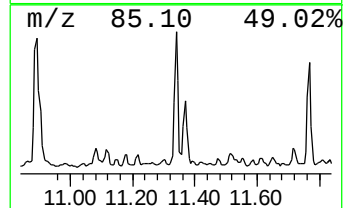
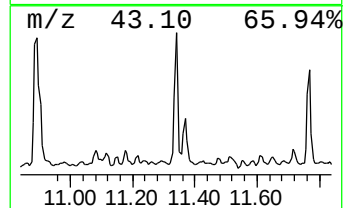
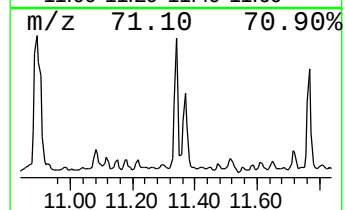
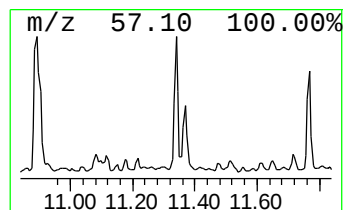
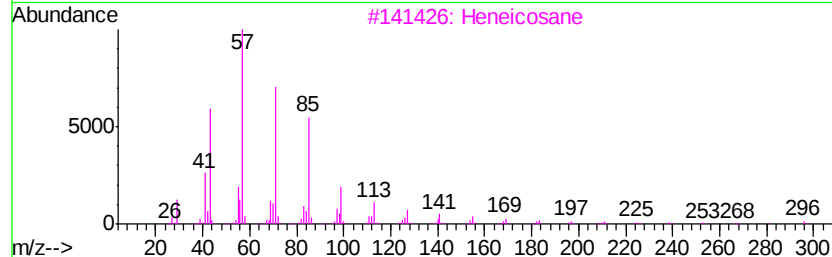
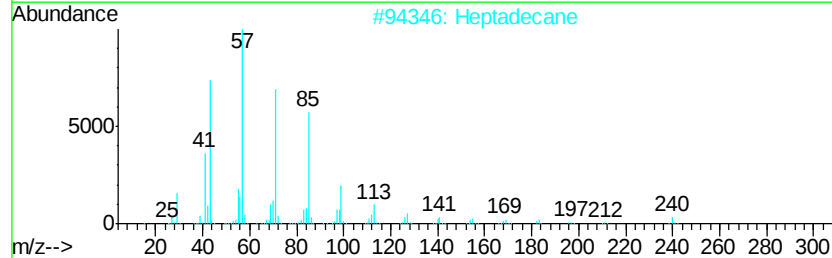
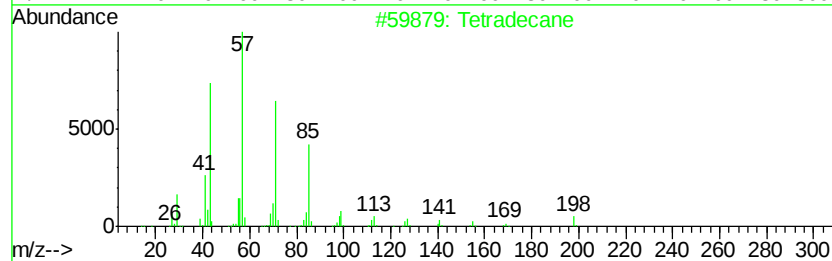
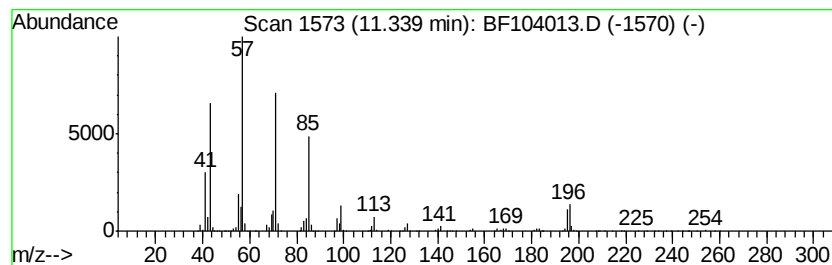
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	33.62 ng	1224180	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	86
2		Heptadecane	240	C17H36	000629-78-7	80
3		Heneicosane	296	C21H44	000629-94-7	80
4		Hexadecane	226	C16H34	000544-76-3	80
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104013.D
Acq On : 28 Mar 2018 16:45
Operator : JU/SJ
Sample : J2075-03 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-103(2-3)

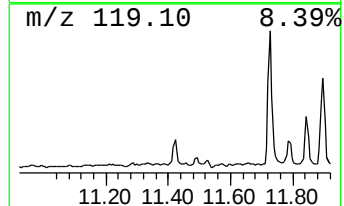
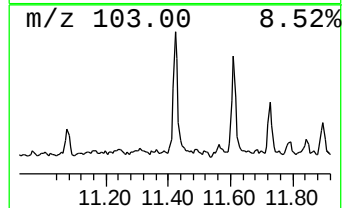
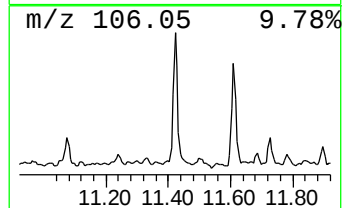
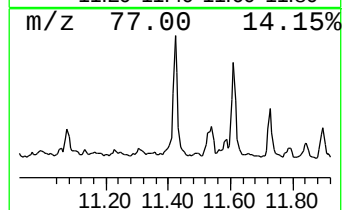
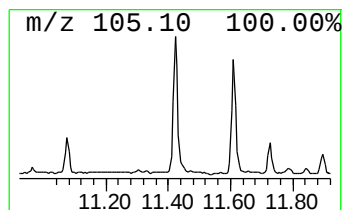
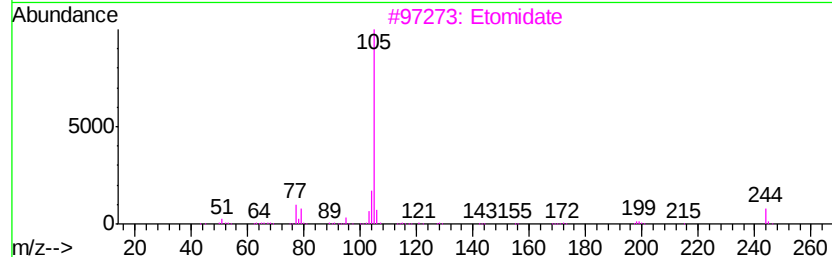
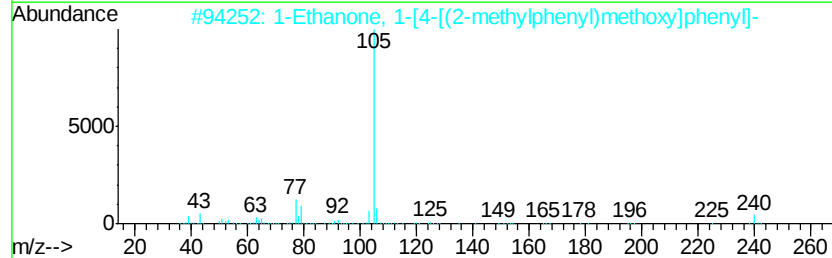
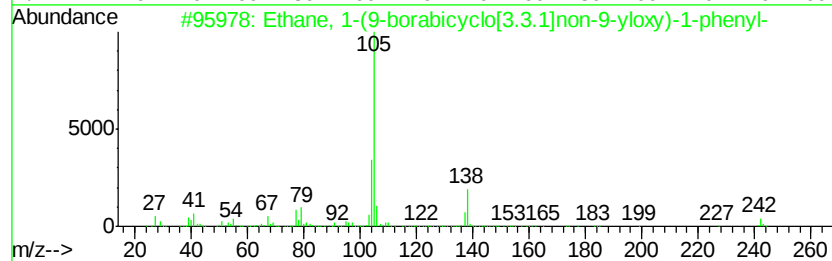
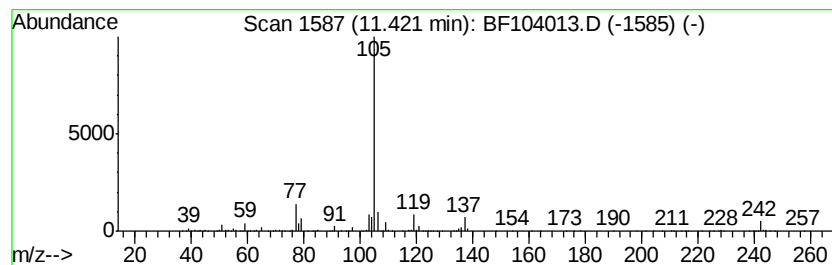
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Ethane, 1-(9-borabicyclo[3.3.1]n... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	25.19 ng	917232	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethane, 1-(9-borabicyclo[3.3.1]n...	242	C16H23BO	1000160-80-6	53
2		1-Ethanone, 1-[4-[(2-methylpheny...	240	C16H16O2	1000338-30-8	47
3		Etomidate	244	C14H16N2O2	033125-97-2	47
4		Benzeneethanol, .beta.-methyl-	136	C9H12O	001123-85-9	47
5		Benzene, (1-methylheptyl)-	190	C14H22	000777-22-0	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104013.D
Acq On : 28 Mar 2018 16:45
Operator : JU/SJ
Sample : J2075-03 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-103(2-3)

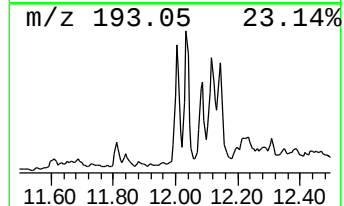
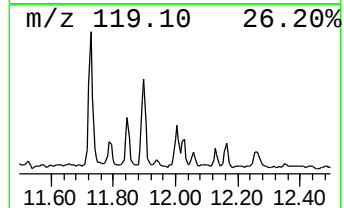
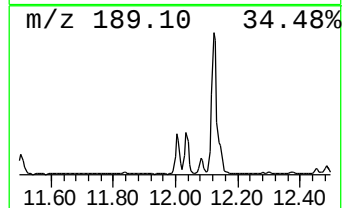
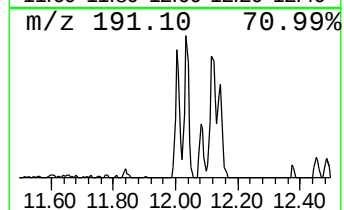
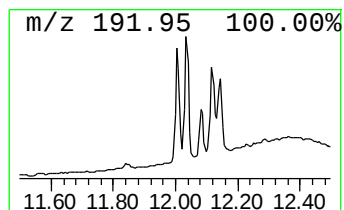
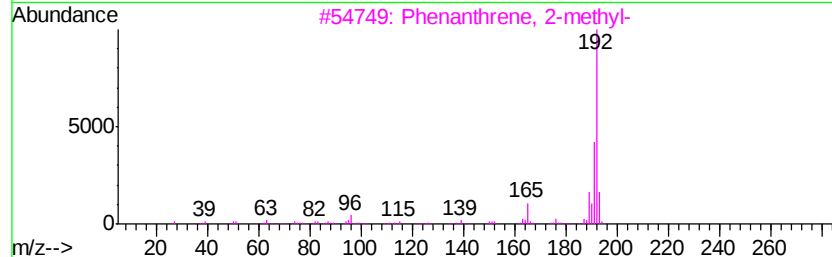
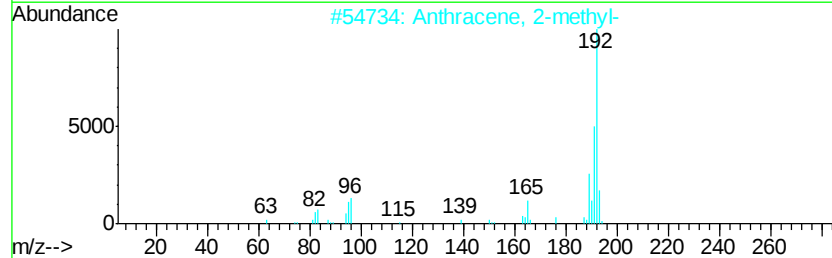
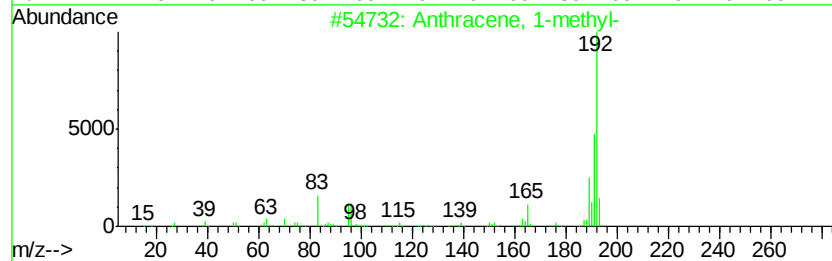
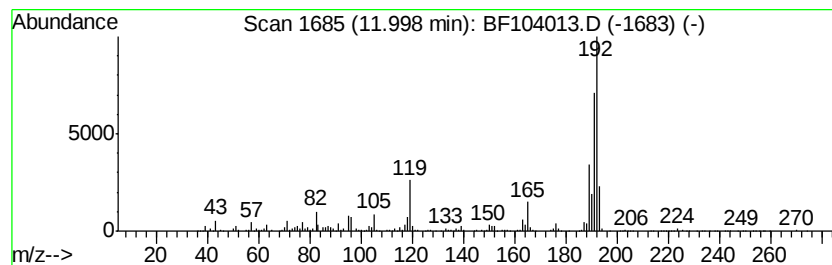
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Anthracene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	35.26 ng	1283670	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104013.D
Acq On : 28 Mar 2018 16:45
Operator : JU/SJ
Sample : J2075-03 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-103(2-3)

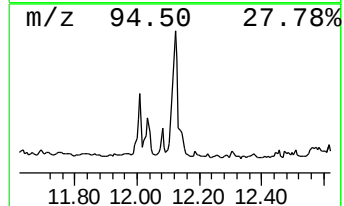
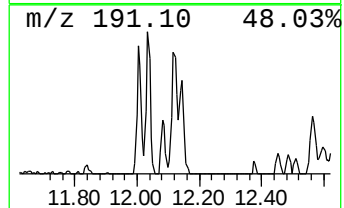
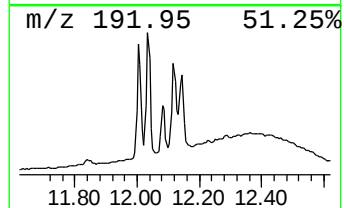
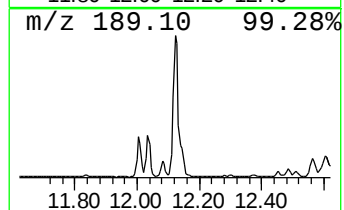
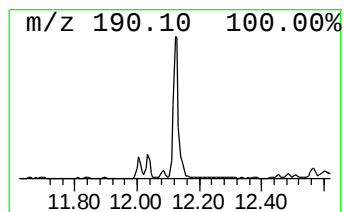
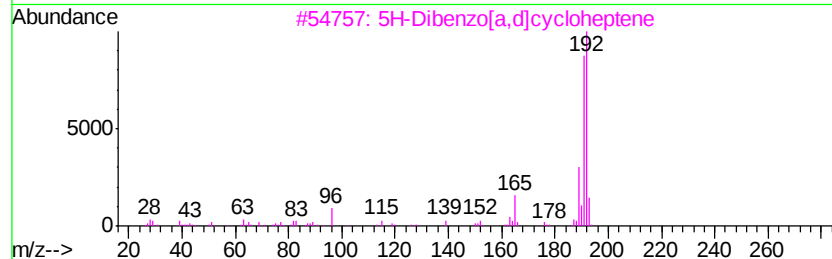
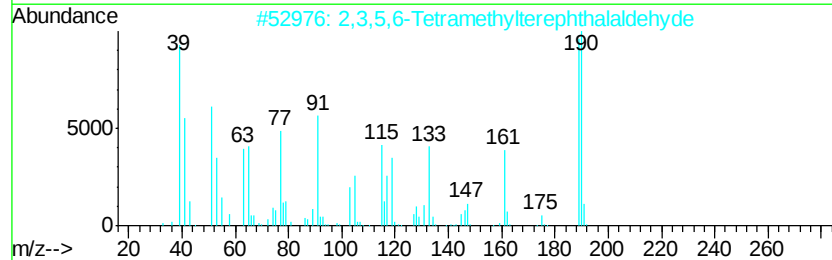
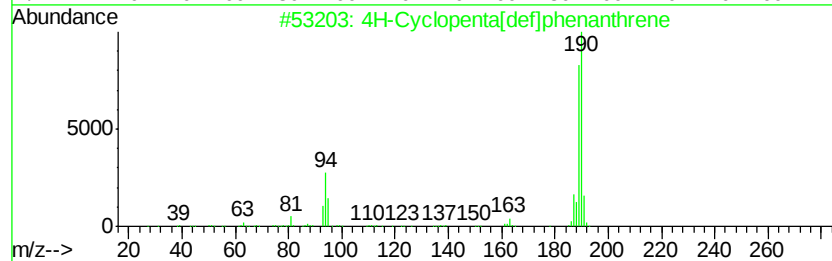
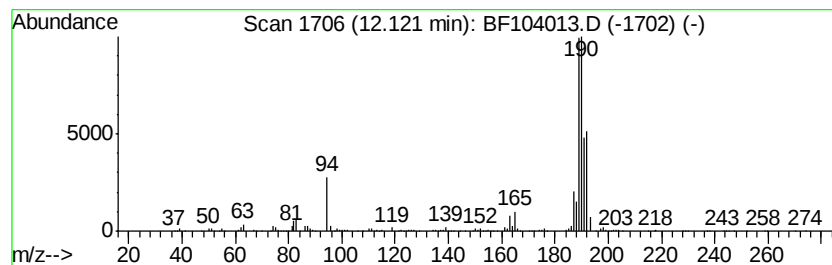
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	48.55 ng	1767640	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
4		Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	22
5		Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032818\
Data File : BF104013.D
Acq On : 28 Mar 2018 16:45
Operator : JU/SJ
Sample : J2075-03 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-103(2-3)

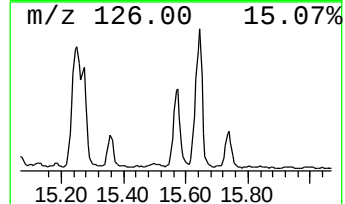
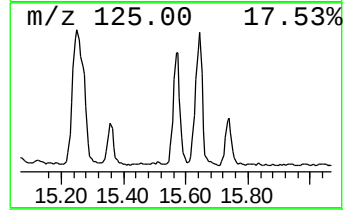
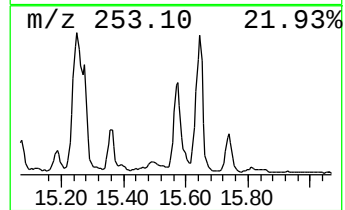
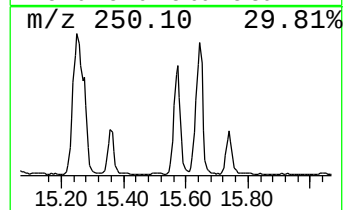
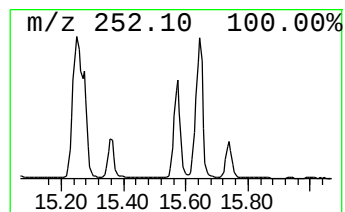
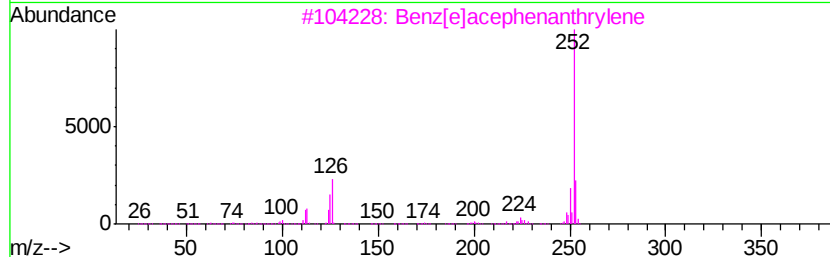
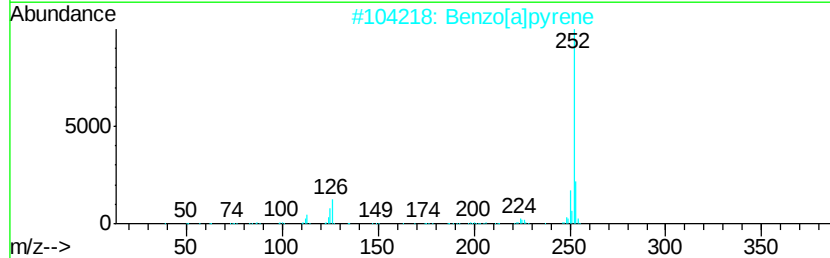
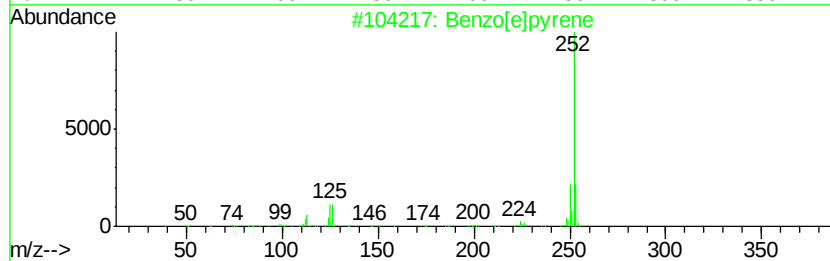
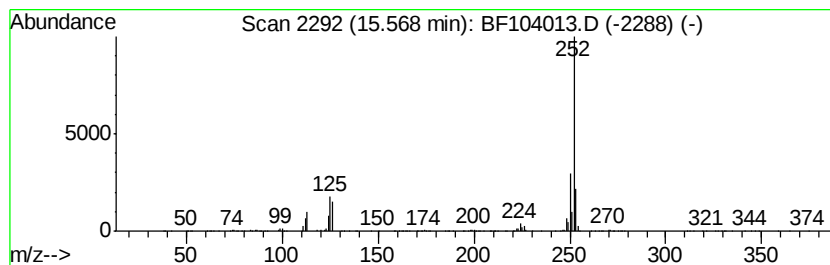
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	43.65 ng	1460840	Perylene-d12	15.70

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032818\
 Data File : BF104013.D
 Acq On : 28 Mar 2018 16:45
 Operator : JU/SJ
 Sample : J2075-03 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-103(2-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.73	6.73	26.4	ng	888918	1	6.96	674575	20.0
Benzene, 1-etheny...	6.80	36.9	ng	1246040	1	6.96	674575	20.0
Indene	7.22	54.7	ng	1844610	1	6.96	674575	20.0
Benzenemethanethi...	7.82	149.0	ng	2439500	2	8.25	327374	20.0
2-Methylindene	7.99	31.8	ng	520081	2	8.25	327374	20.0
1H-Indene, 1-methyl-	8.04	27.2	ng	445328	2	8.25	327374	20.0
Benzene, 1-methyl...	8.46	61.6	ng	1008640	2	8.25	327374	20.0
Naphthalene, 1,3-...	9.59	26.4	ng	1205100	3	10.00	912390	20.0
unknown9.61	9.61	37.2	ng	1695900	3	10.00	912390	20.0
Hexadecane	10.42	27.0	ng	1233180	3	10.00	912390	20.0
Tridecane, 1-iodo-	10.89	59.9	ng	2180160	4	11.50	728198	20.0
Tetradecane	11.34	33.6	ng	1224180	4	11.50	728198	20.0
Ethane, 1-(9-bora...	11.42	25.2	ng	917232	4	11.50	728198	20.0
Anthracene, 1-met...	12.00	35.3	ng	1283670	4	11.50	728198	20.0
4H-Cyclopenta[def...	12.12	48.5	ng	1767640	4	11.50	728198	20.0
Benzo[e]pyrene	15.57	43.6	ng	1460840	6	15.70	669367	20.0