

Data Path : U:\HPCHEM1\BNA_F\DATA\BF011018\
 Data File : BF101985.D
 Acq On : 10 Jan 2018 18:09
 Operator : SJ/JU
 Sample : J1076-02 50X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-7317-03

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-BF010918.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.187	523	527	531	rBV	760941	712206	11.32%	0.953%
2	5.298	542	546	555	rVB	394984	557290	8.86%	0.746%
3	5.563	586	591	595	rVB	284163	265409	4.22%	0.355%
4	6.251	705	708	711	rBV	576145	469985	7.47%	0.629%
5	6.281	711	713	717	rVB	297701	232573	3.70%	0.311%
6	6.328	717	721	723	rBV	162556	139598	2.22%	0.187%
7	6.551	756	759	766	rVB2	508795	532179	8.46%	0.712%
8	6.728	785	789	792	rBV	1680226	1360553	21.63%	1.820%
9	6.781	796	798	801	rBV	158384	142683	2.27%	0.191%
10	6.904	816	819	823	rVB	1523157	1384212	22.01%	1.852%
11	6.981	829	832	835	rBV2	144252	166662	2.65%	0.223%
12	7.045	839	843	846	rBV	234537	200506	3.19%	0.268%
13	7.263	875	880	882	rBV	250698	211352	3.36%	0.283%
14	7.328	888	891	896	rBV2	127492	161650	2.57%	0.216%
15	7.522	922	924	928	rVB	151920	140419	2.23%	0.188%
16	7.681	949	951	956	rVB	265249	225344	3.58%	0.301%
17	7.757	956	964	967	rBV3	300127	486675	7.74%	0.651%
18	7.792	967	970	975	rVB	344469	447751	7.12%	0.599%
19	8.010	1001	1007	1009	rBV	1828880	2518116	40.04%	3.369%
20	8.039	1009	1012	1015	rVV	6698309	6289140	100.00%	8.413%
21	8.081	1015	1019	1025	rVB	474087	455080	7.24%	0.609%
22	8.475	1083	1086	1088	rVV2	127548	140829	2.24%	0.188%
23	8.675	1118	1120	1123	rVV2	189527	162373	2.58%	0.217%
24	8.728	1123	1129	1132	rVB	4543529	4150376	65.99%	5.552%
25	8.775	1132	1137	1140	rBV	154837	157882	2.51%	0.211%
26	8.822	1140	1145	1148	rVV	3148829	2889106	45.94%	3.865%
27	9.186	1200	1207	1210	rBV	1013492	838387	13.33%	1.122%
28	9.280	1220	1223	1228	rVB	1508500	1365820	21.72%	1.827%
29	9.351	1228	1235	1238	rBV	1226153	1595550	25.37%	2.134%
30	9.380	1238	1240	1243	rVV	249376	203644	3.24%	0.272%
31	9.422	1243	1247	1250	rVV	1656188	1701090	27.05%	2.276%
32	9.451	1250	1252	1256	rVV	1151181	994043	15.81%	1.330%
33	9.486	1256	1258	1261	rVV3	191240	172435	2.74%	0.231%
34	9.539	1264	1267	1272	rVV	803589	836002	13.29%	1.118%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.622	1275	1281	1287	rVB2	893986	765109	12.17%	1.024%
36	9.763	1299	1305	1308	rBV3	2166074	2264470	36.01%	3.029%
37	9.798	1308	1311	1314	rVV	3051287	2556872	40.66%	3.421%
38	9.869	1319	1323	1327	rBV2	405128	513924	8.17%	0.688%
39	9.963	1333	1339	1342	rVB2	719057	718391	11.42%	0.961%
40	10.004	1343	1346	1348	rBV	445588	326895	5.20%	0.437%
41	10.075	1354	1358	1361	rBV2	344554	464649	7.39%	0.622%
42	10.104	1361	1363	1365	rVB	285405	208914	3.32%	0.279%
43	10.169	1370	1374	1376	rBV2	281058	379203	6.03%	0.507%
44	10.216	1379	1382	1384	rBV	268537	223510	3.55%	0.299%
45	10.263	1384	1390	1391	rBV4	130466	209703	3.33%	0.281%
46	10.280	1391	1393	1395	rVB	276081	185009	2.94%	0.247%
47	10.310	1395	1398	1404	rVB	1851111	1696078	26.97%	2.269%
48	10.357	1404	1406	1408	rBV	314732	302539	4.81%	0.405%
49	10.416	1414	1416	1419	rVV2	408095	345165	5.49%	0.462%
50	10.463	1421	1424	1427	rVV2	222078	239153	3.80%	0.320%
51	10.492	1427	1429	1433	rVB	210938	160433	2.55%	0.215%
52	10.527	1433	1435	1442	rVB2	547148	690623	10.98%	0.924%
53	10.674	1457	1460	1465	rVB2	244885	316026	5.02%	0.423%
54	10.851	1486	1490	1493	rBV	391400	497995	7.92%	0.666%
55	10.880	1493	1495	1499	rVV2	298336	268288	4.27%	0.359%
56	10.939	1502	1505	1508	rVV2	228760	247888	3.94%	0.332%
57	11.004	1511	1516	1518	rVV5	149591	217927	3.47%	0.292%
58	11.051	1522	1524	1529	rVV2	212999	202275	3.22%	0.271%
59	11.139	1535	1539	1547	rVB	1231318	1178470	18.74%	1.577%
60	11.245	1553	1557	1559	rBV	1659316	1676857	26.66%	2.243%
61	11.274	1559	1562	1565	rVV	4886336	4510714	71.72%	6.034%
62	11.321	1565	1570	1573	rVV	1780083	1405325	22.35%	1.880%
63	11.351	1573	1575	1578	rVV2	141077	151764	2.41%	0.203%
64	11.545	1605	1608	1610	rBV	219373	195327	3.11%	0.261%
65	11.574	1610	1613	1618	rVB	478815	411725	6.55%	0.551%
66	11.657	1624	1627	1631	rVB	387300	420797	6.69%	0.563%
67	11.745	1639	1642	1644	rVV	1086077	919985	14.63%	1.231%
68	11.774	1644	1647	1650	rVB	1118911	930626	14.80%	1.245%
69	11.821	1651	1655	1657	rBV	397569	354203	5.63%	0.474%
70	11.857	1657	1661	1663	rBV	1249876	1265293	20.12%	1.693%
71	11.880	1663	1665	1670	rVB	641931	500300	7.95%	0.669%

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 Sampling : 1 Min Area: 3 % of largest Peak
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72	12.039	1689	1692	1695	rBV	551376	479392	7.62%	0.641%
73	12.221	1720	1723	1724	rVV	166661	155466	2.47%	0.208%
74	12.239	1724	1726	1729	rVB2	163707	153577	2.44%	0.205%
75	12.292	1729	1735	1738	rBV	484646	533620	8.48%	0.714%
76	12.327	1738	1741	1743	rVV2	248054	281202	4.47%	0.376%
77	12.386	1747	1751	1754	rBV3	118020	202684	3.22%	0.271%
78	12.457	1759	1763	1766	rVV	1829035	1648303	26.21%	2.205%
79	12.545	1775	1778	1782	rVV	555189	536573	8.53%	0.718%
80	12.604	1785	1788	1796	rVV2	213927	295859	4.70%	0.396%
81	12.686	1796	1802	1808	rVV	2356545	2392036	38.03%	3.200%
82	12.898	1834	1838	1842	rBV2	179972	236871	3.77%	0.317%
83	12.986	1850	1853	1854	rVV2	190616	204721	3.26%	0.274%
84	13.010	1854	1857	1860	rVB	361498	368178	5.85%	0.493%
85	13.074	1865	1868	1871	rVV	352695	305484	4.86%	0.409%
86	13.110	1871	1874	1878	rVV	280706	285233	4.54%	0.382%
87	13.180	1882	1886	1888	rVV	172272	200588	3.19%	0.268%
88	13.204	1888	1890	1893	rVV	211443	181384	2.88%	0.243%
89	13.233	1893	1895	1900	rVB	250874	229527	3.65%	0.307%
90	13.627	1955	1962	1964	rBV2	187188	250102	3.98%	0.335%
91	13.874	1999	2004	2007	rVV2	1336331	1776116	28.24%	2.376%
92	13.898	2007	2008	2014	rVB	507012	452203	7.19%	0.605%
93	14.410	2092	2095	2099	rVB2	121885	139704	2.22%	0.187%
94	14.892	2172	2177	2188	rBV	309098	661873	10.52%	0.885%
95	14.992	2191	2194	2199	rVB	124448	134103	2.13%	0.179%
96	15.174	2221	2225	2231	rVB	252121	273910	4.36%	0.366%
97	15.233	2231	2235	2240	rVB	474891	526387	8.37%	0.704%
98	15.298	2241	2246	2249	rBV	867790	1031379	16.40%	1.380%
99	16.662	2473	2478	2487	rVB2	167440	317109	5.04%	0.424%
100	17.080	2543	2549	2556	rVB	140159	268390	4.27%	0.359%

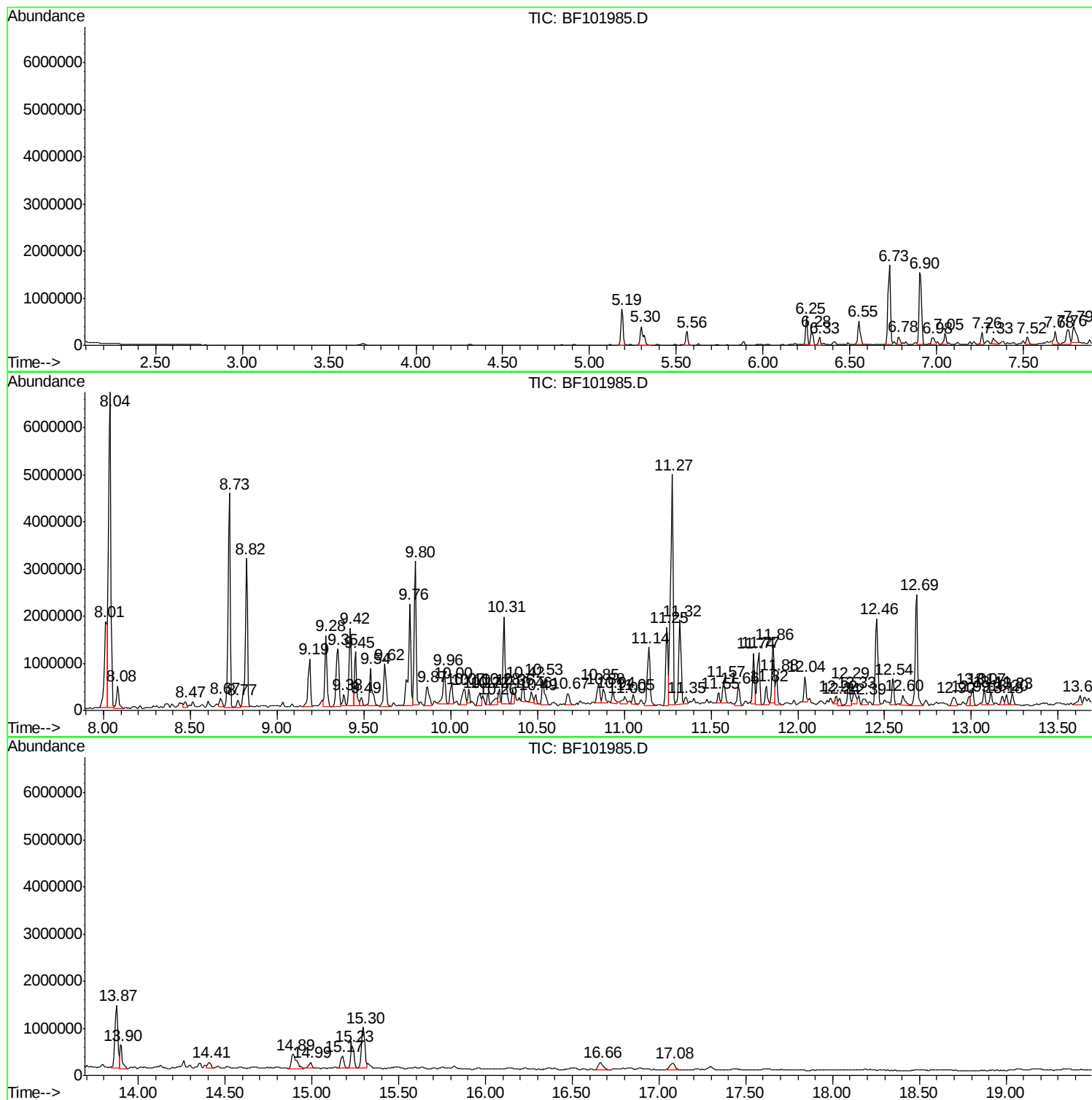
Sum of corrected areas: 74751319

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.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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Instrument :
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ClientSampled :
WC-7317-03

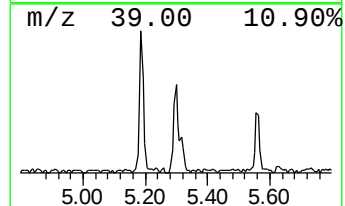
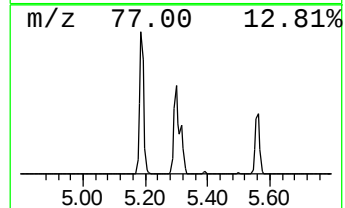
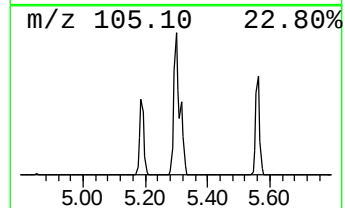
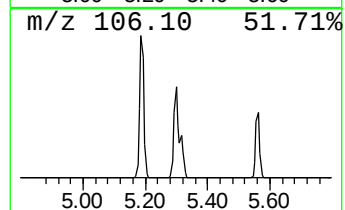
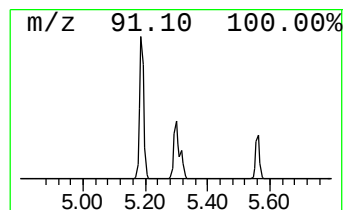
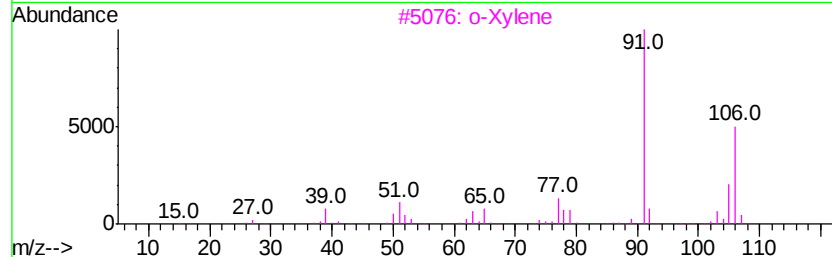
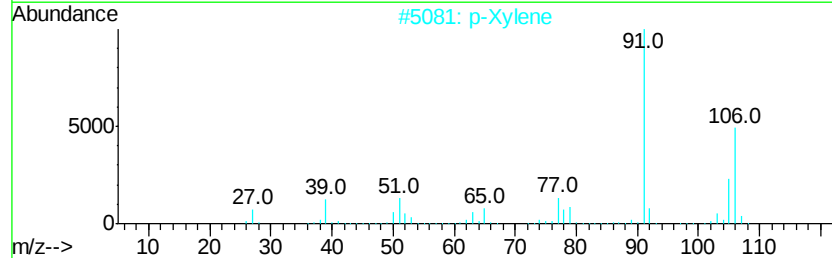
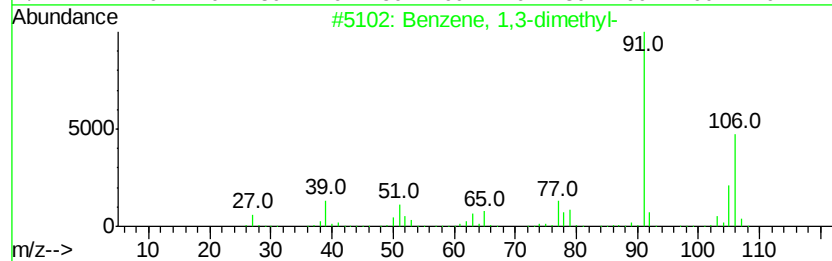
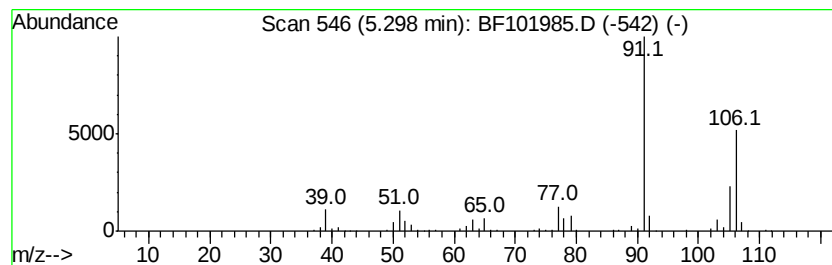
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.30	8.19 ng	557290	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2		p-Xylene	106	C8H10	000106-42-3	97
3		o-Xylene	106	C8H10	000095-47-6	97
4		1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	91
5		Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	86



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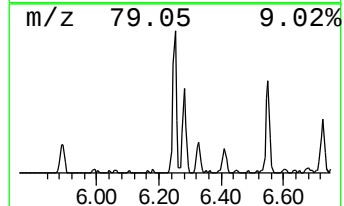
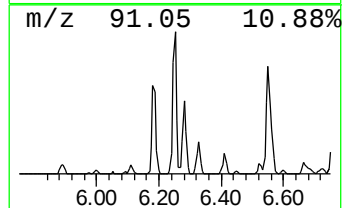
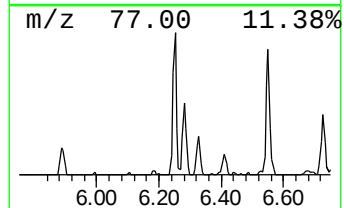
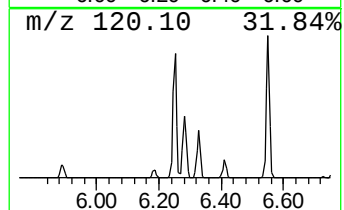
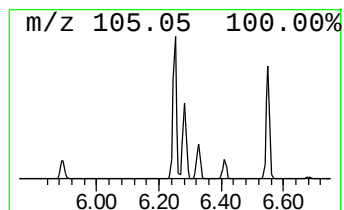
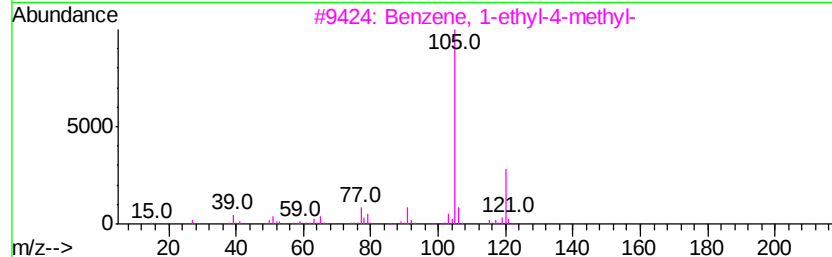
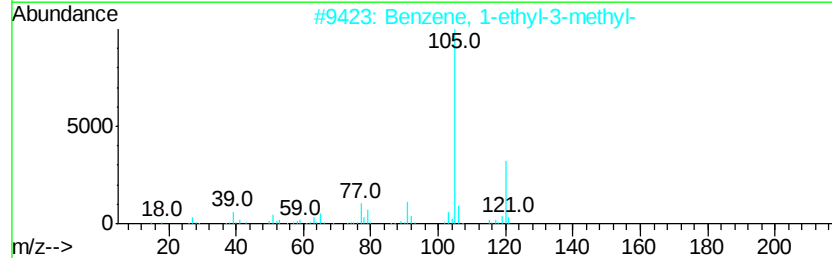
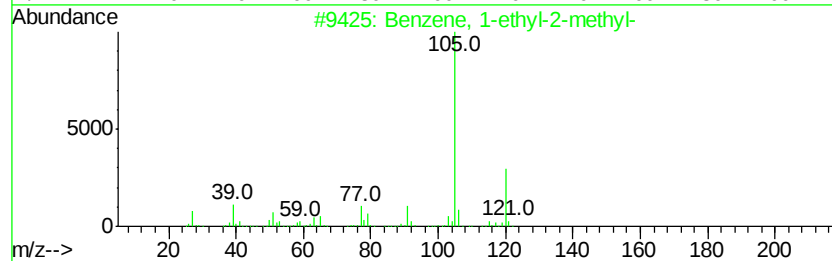
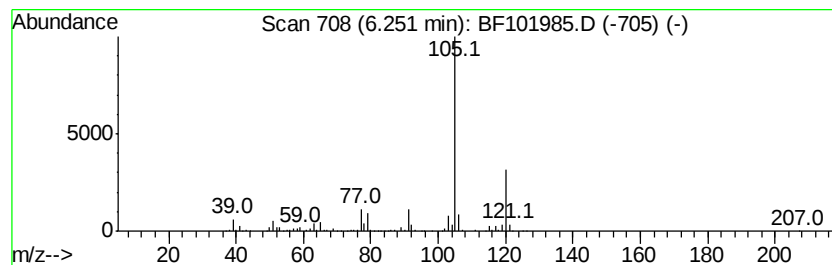
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	6.91 ng	469985	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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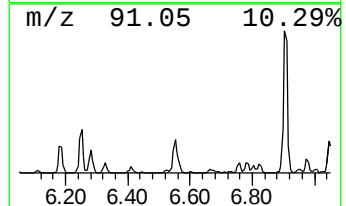
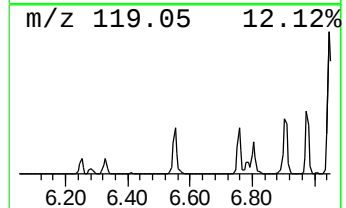
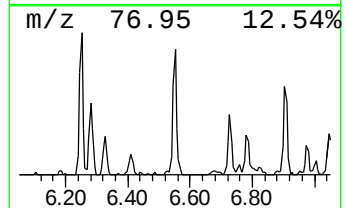
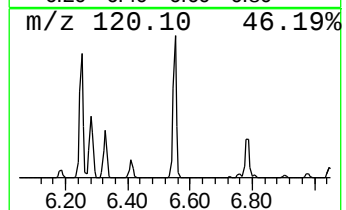
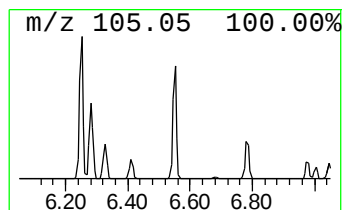
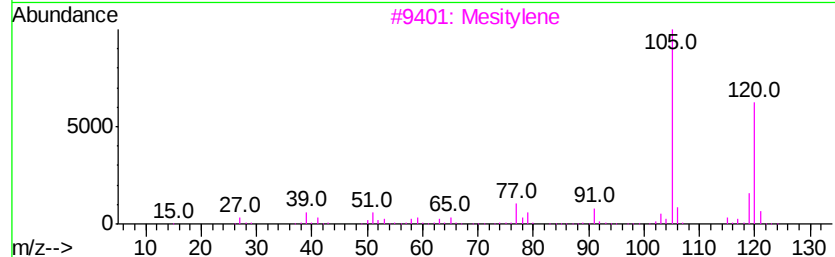
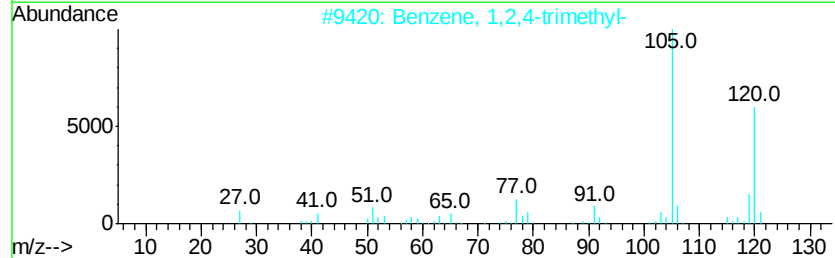
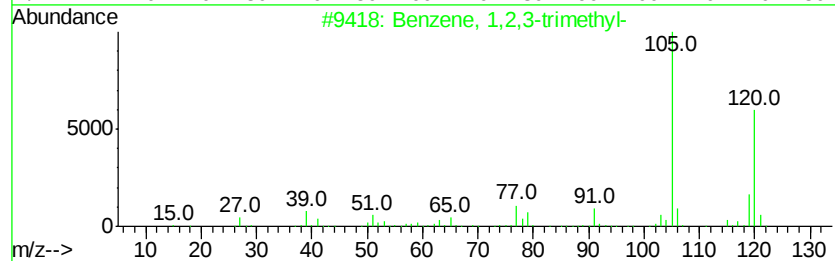
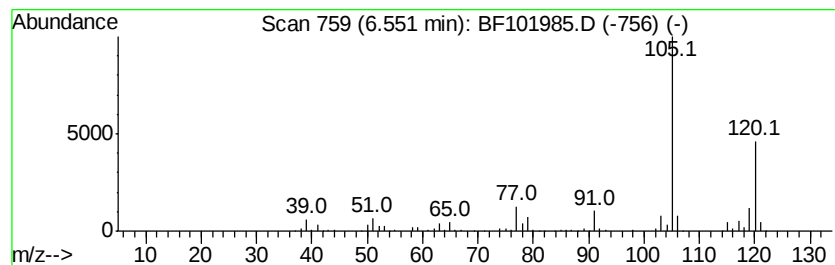
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	7.82 ng	532179	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3			Mesitylene	120	C9H12	000108-67-8	94
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101985.D
Acq On : 10 Jan 2018 18:09
Operator : SJ/JU
Sample : J1076-02 50X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-7317-03

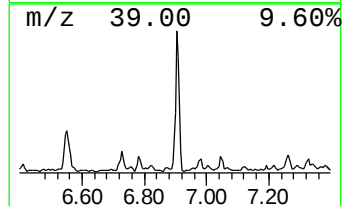
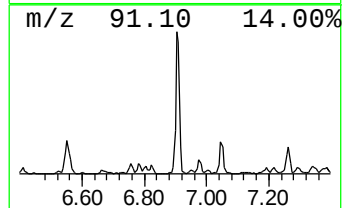
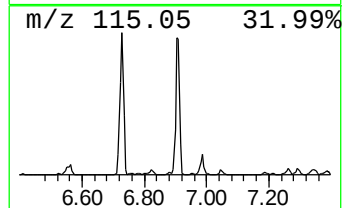
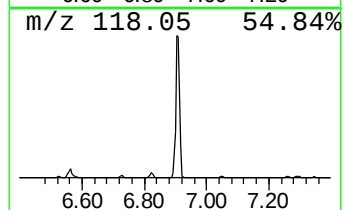
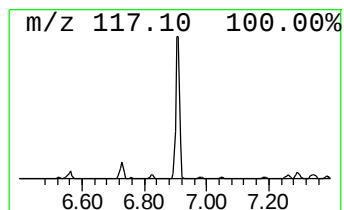
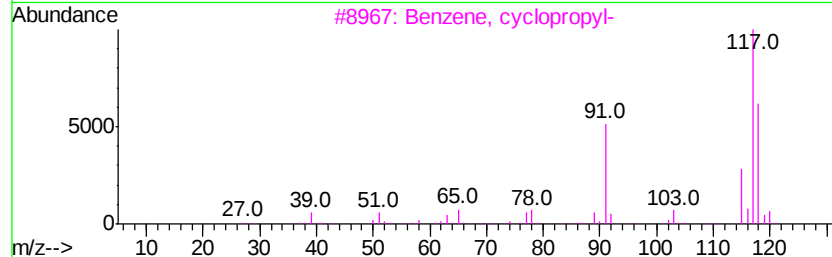
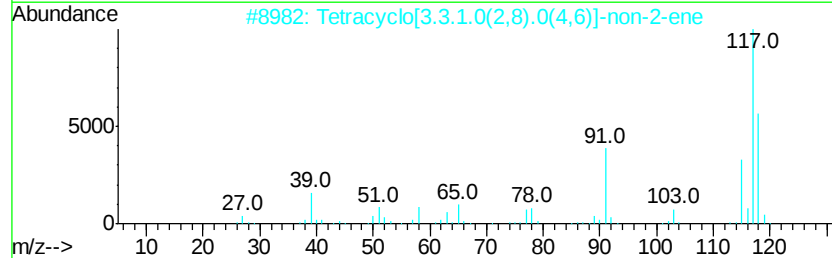
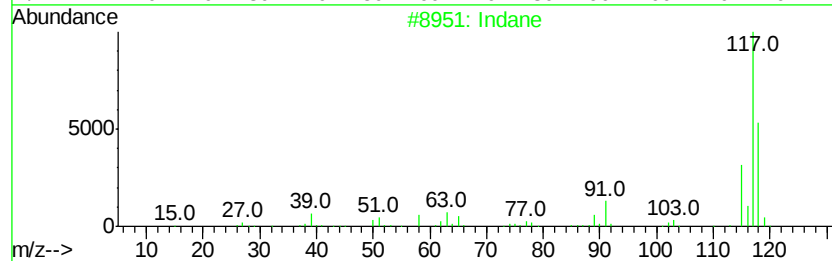
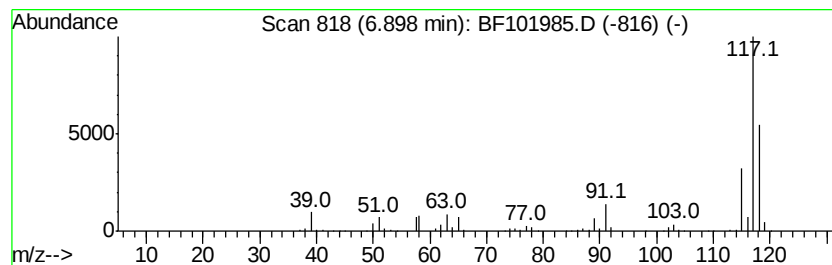
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	20.35 ng	1384210	1,4-Dichlorobenzene-d4	6.73

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	93
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-	...	118	C9H10	1000191-13-7	83
3	Benzene, cyclopropyl-		118	C9H10	000873-49-4	64
4	Benzene, 1-ethenyl-4-methyl-		118	C9H10	000622-97-9	64
5	Benzene, 1-ethenyl-2-methyl-		118	C9H10	000611-15-4	60



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101985.D
Acq On : 10 Jan 2018 18:09
Operator : SJ/JU
Sample : J1076-02 50X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-7317-03

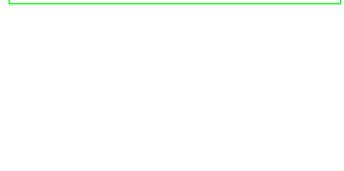
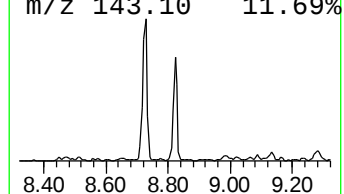
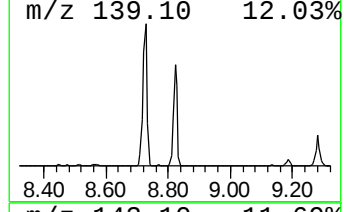
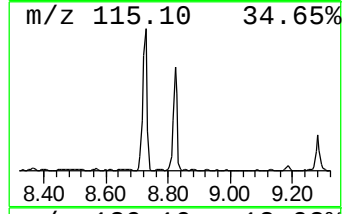
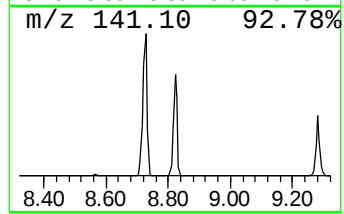
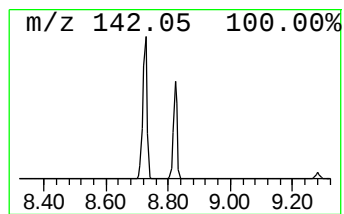
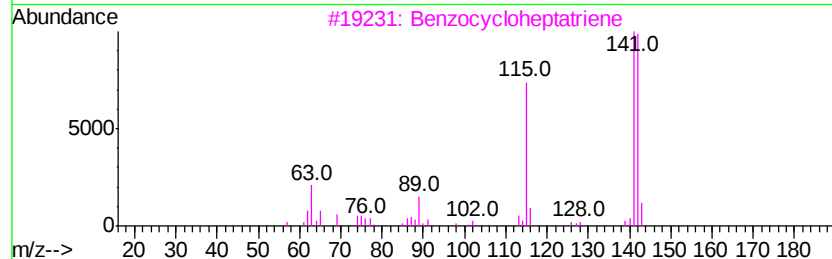
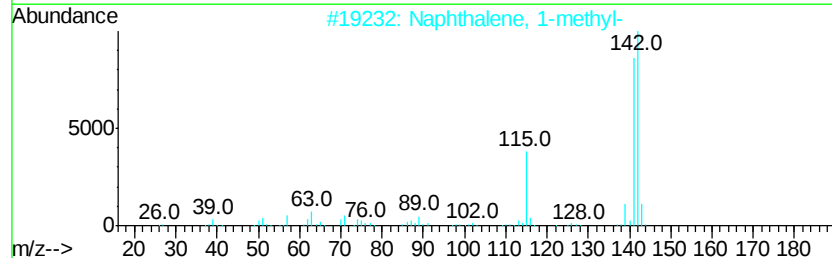
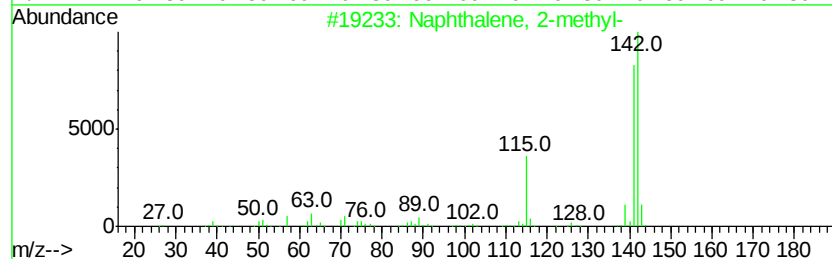
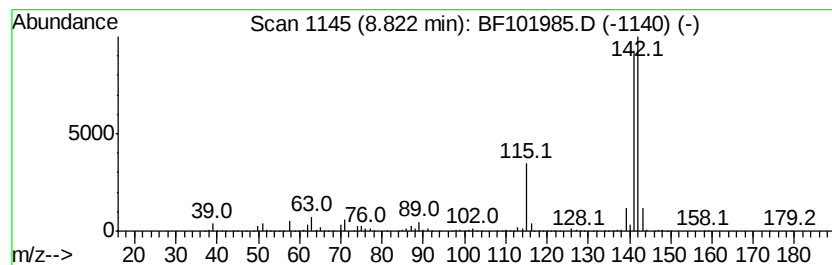
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	22.95 ng	2889110	Naphthalene-d8	8.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101985.D
Acq On : 10 Jan 2018 18:09
Operator : SJ/JU
Sample : J1076-02 50X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-7317-03

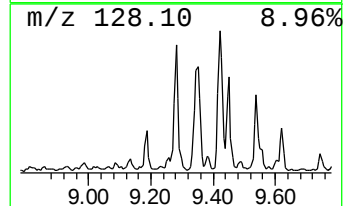
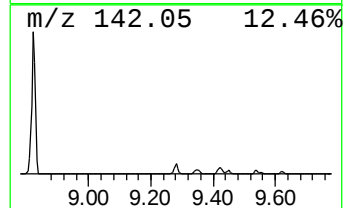
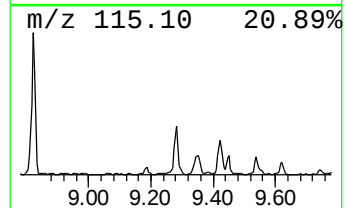
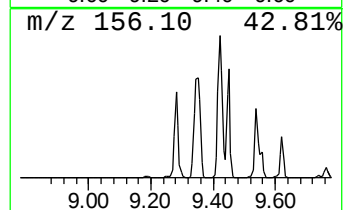
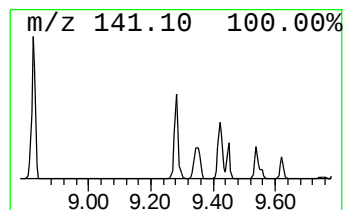
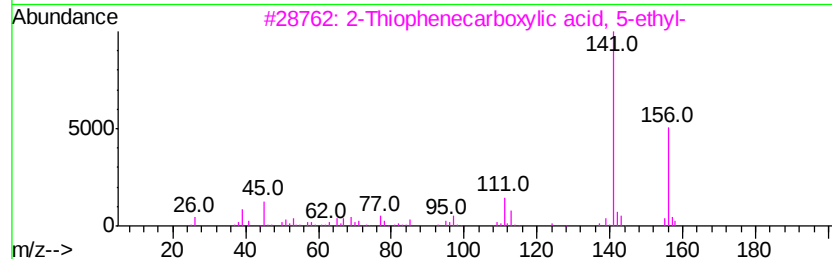
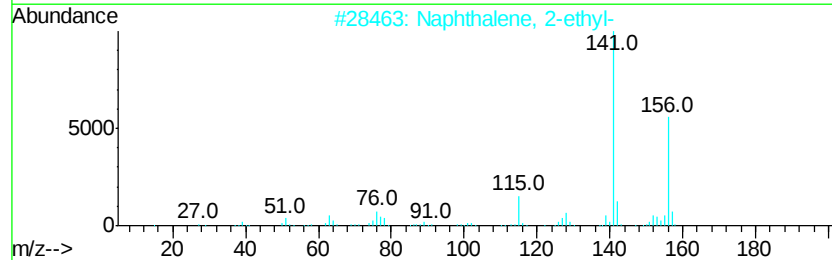
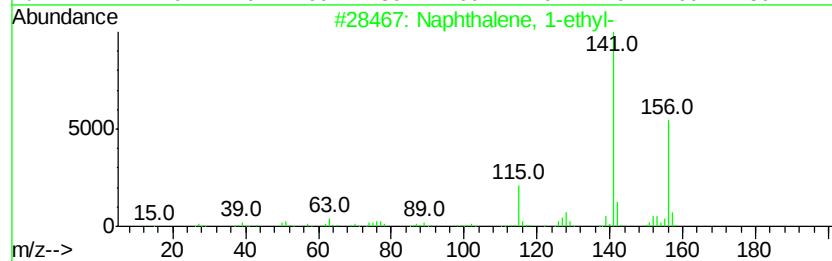
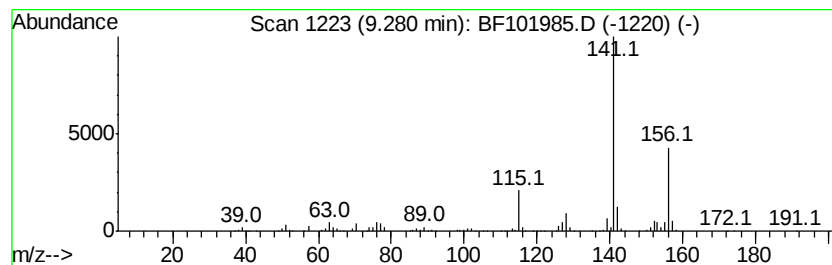
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	12.06 ng	1365820	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
3		2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	72
4		3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	64
5		1-Ethanone, 1-[3-methoxy-4-(1-na...	306	C20H18O3	1000338-31-5	47



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101985.D
Acq On : 10 Jan 2018 18:09
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Misc :
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Instrument :
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ClientSampleId :
WC-7317-03

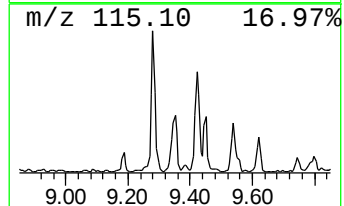
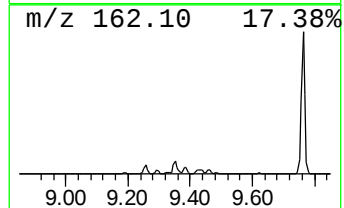
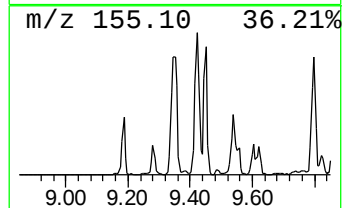
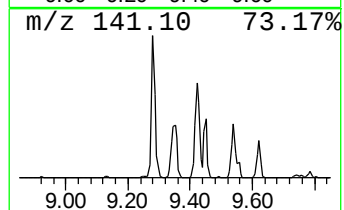
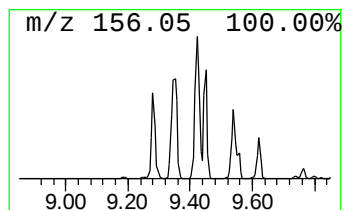
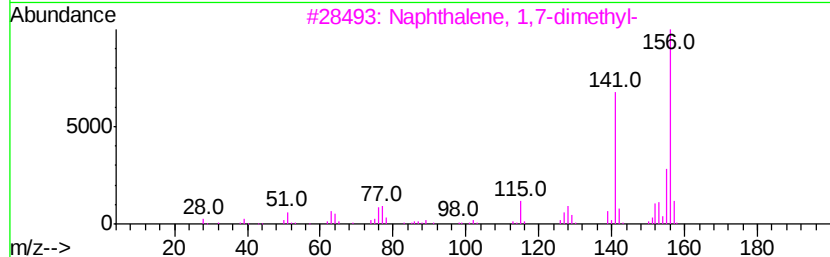
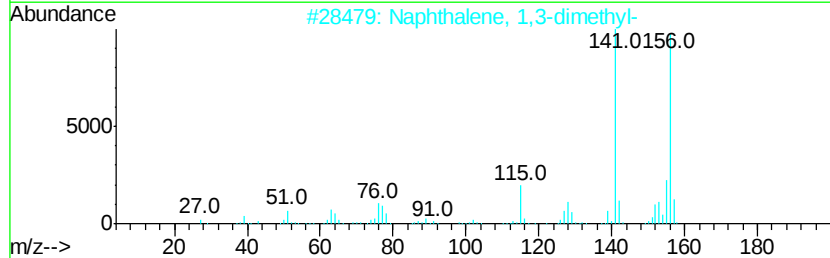
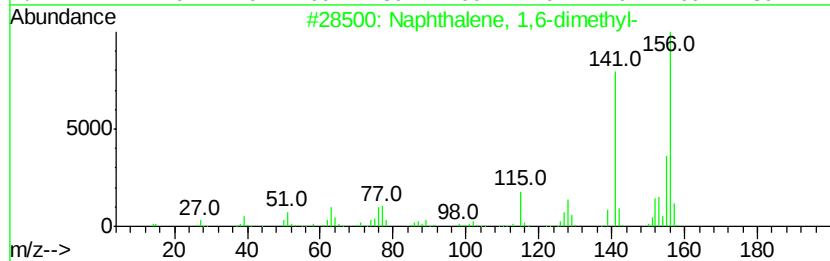
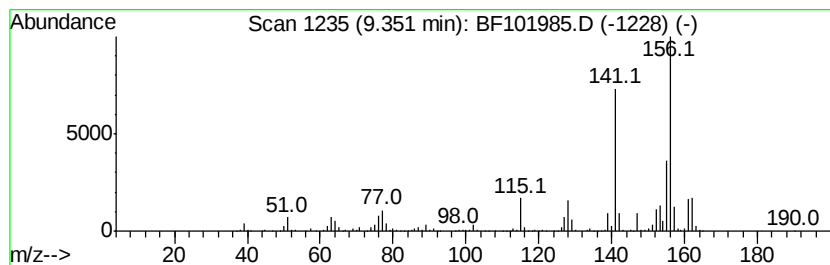
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	14.09 ng	1595550	Acenaphthene-d10	9.76

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



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
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Sample : J1076-02 50X
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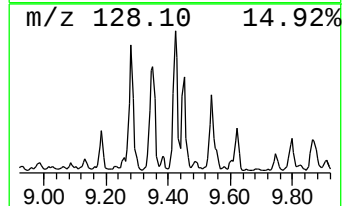
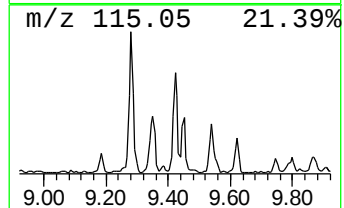
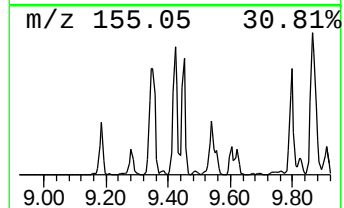
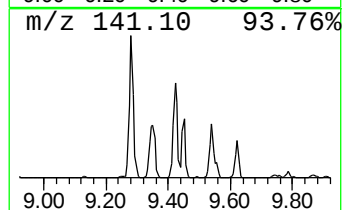
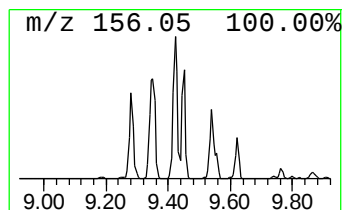
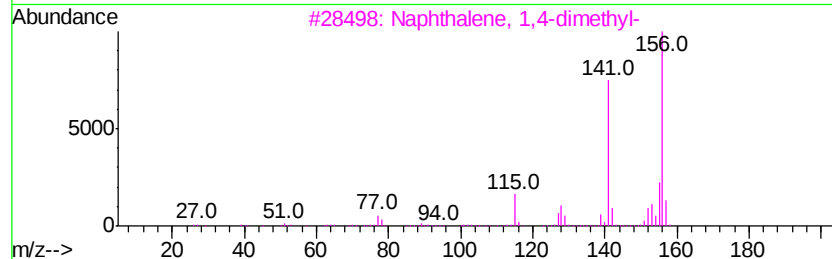
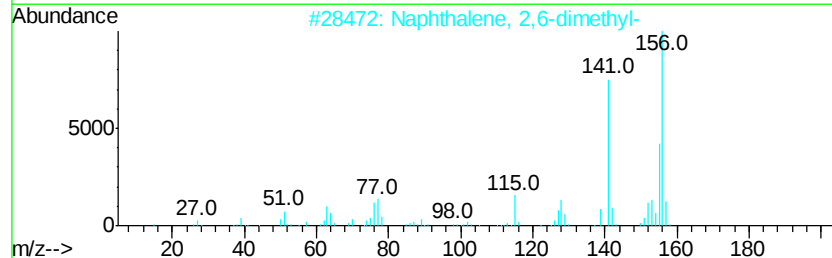
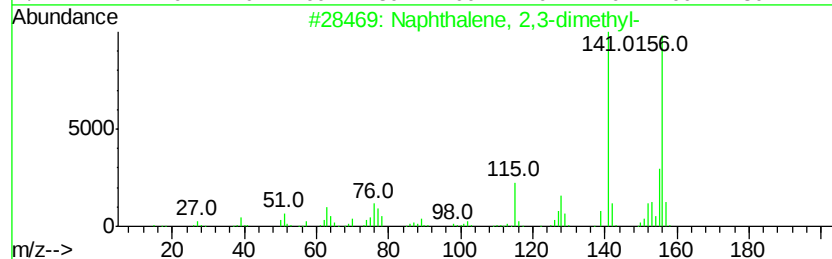
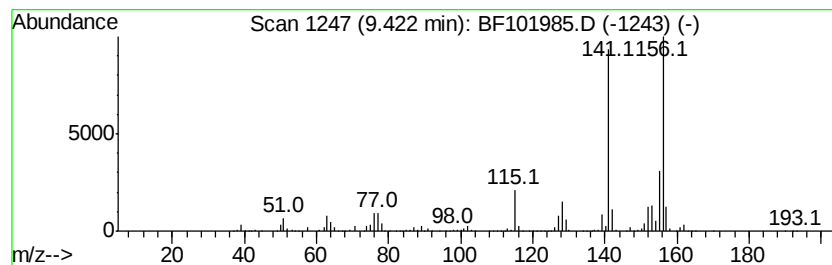
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	15.02 ng	1701090	Acenaphthene-d10	9.76
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 98
2		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
3		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97
4		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
5		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011018\
Data File : BF101985.D
Acq On : 10 Jan 2018 18:09
Operator : SJ/JU
Sample : J1076-02 50X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-7317-03

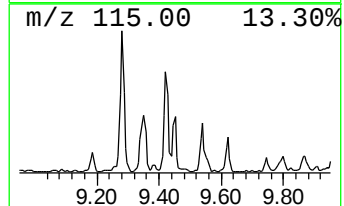
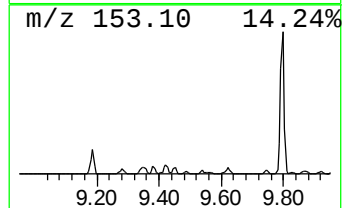
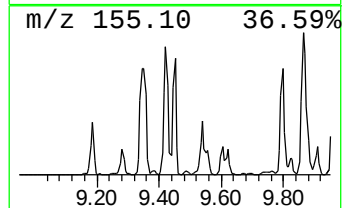
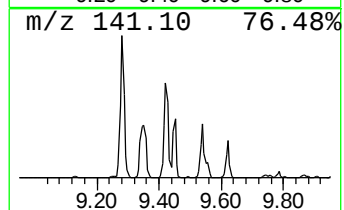
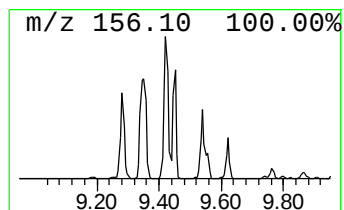
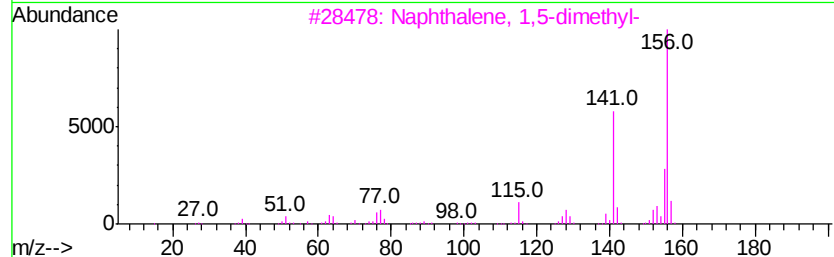
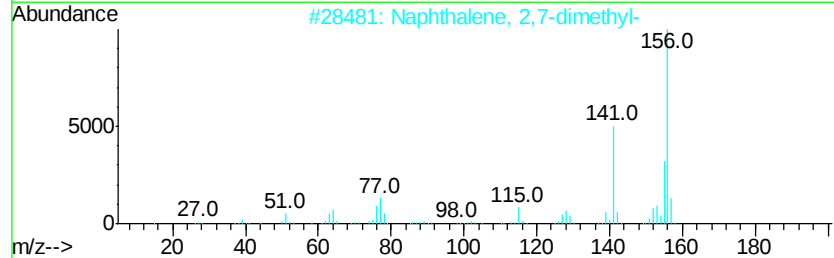
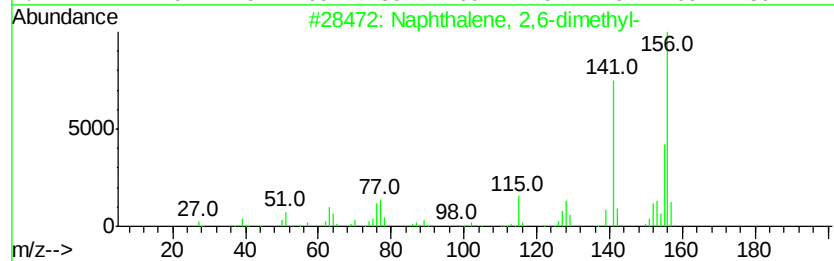
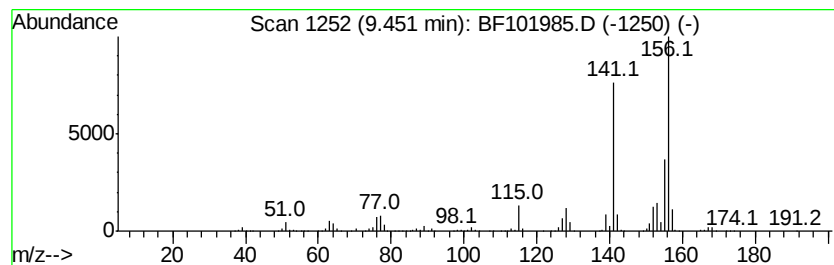
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	8.78 ng	994043	Acenaphthene-d10	9.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101985.D
Acq On : 10 Jan 2018 18:09
Operator : SJ/JU
Sample : J1076-02 50X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WC-7317-03

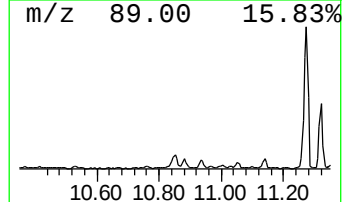
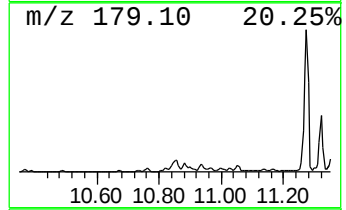
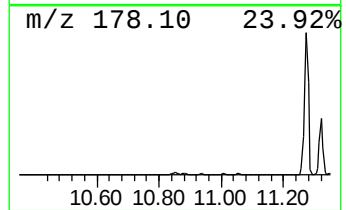
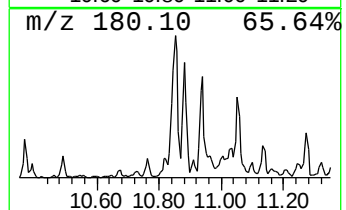
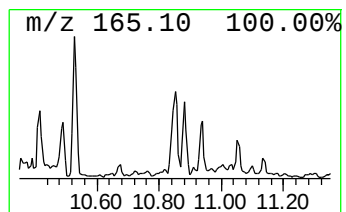
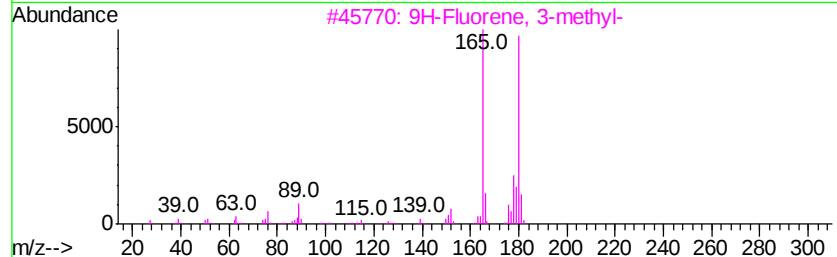
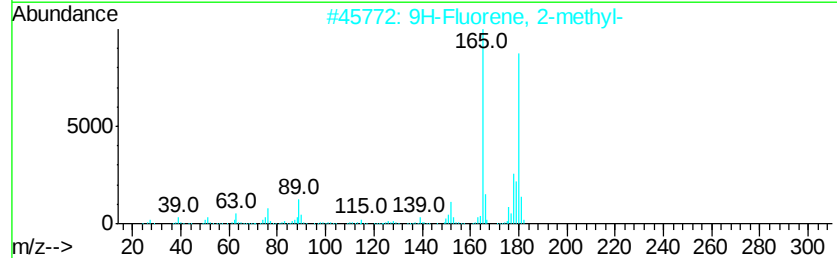
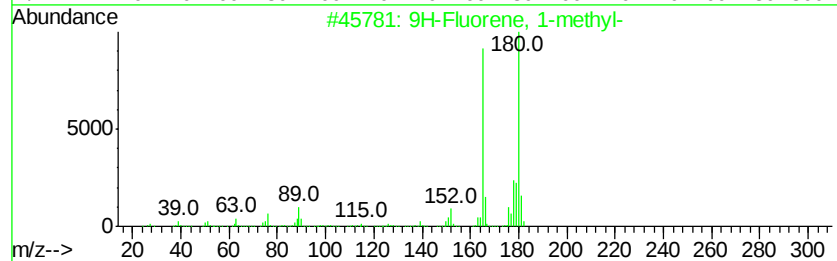
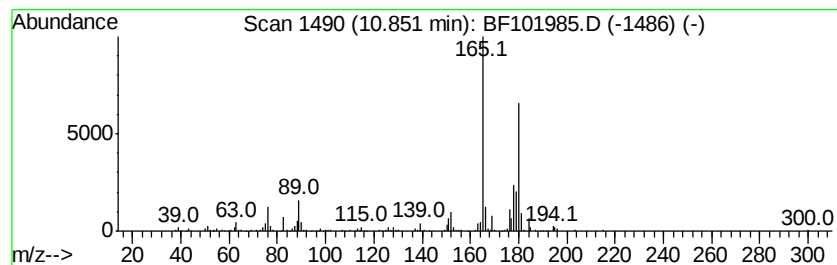
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9H-Fluorene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	5.94 ng	497995	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89
5		(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	80



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101985.D
Acq On : 10 Jan 2018 18:09
Operator : SJ/JU
Sample : J1076-02 50X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-7317-03

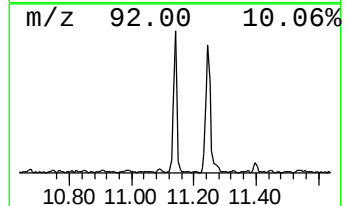
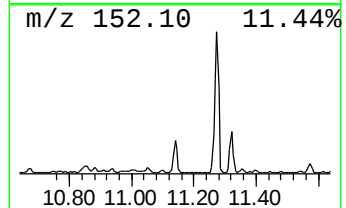
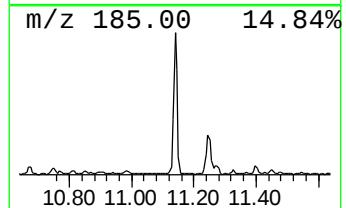
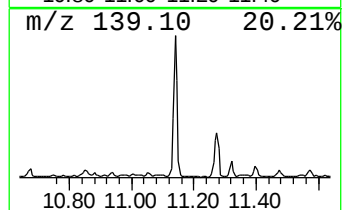
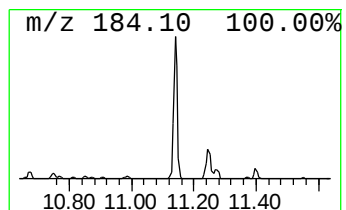
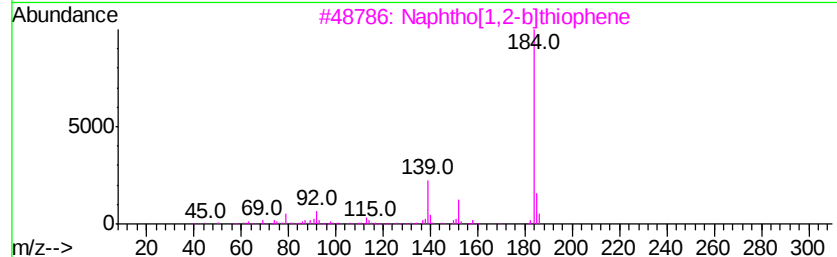
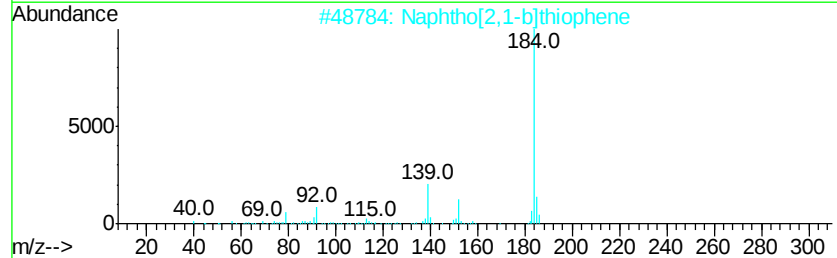
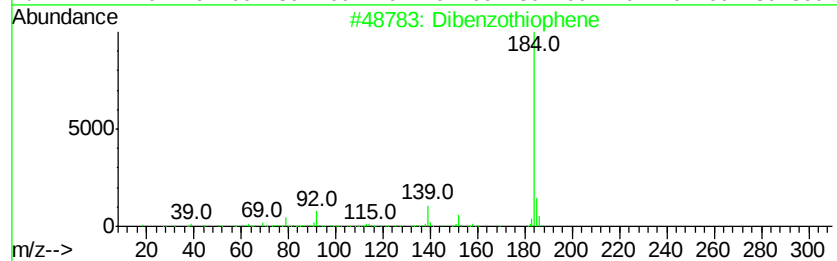
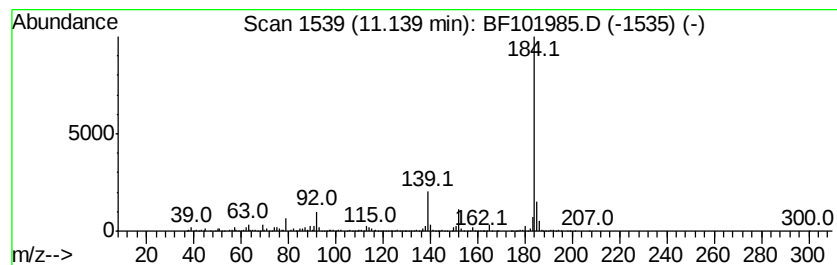
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	14.06 ng	1178470	Phenanthrene-d10	11.24

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



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101985.D
Acq On : 10 Jan 2018 18:09
Operator : SJ/JU
Sample : J1076-02 50X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-7317-03

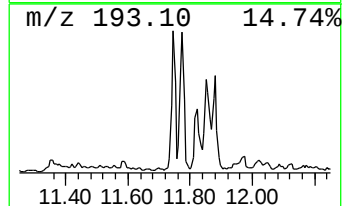
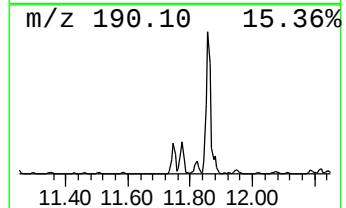
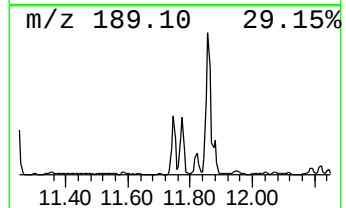
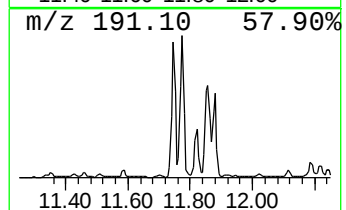
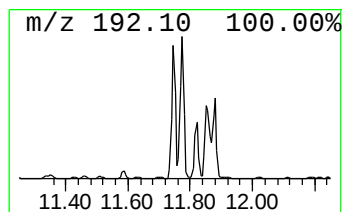
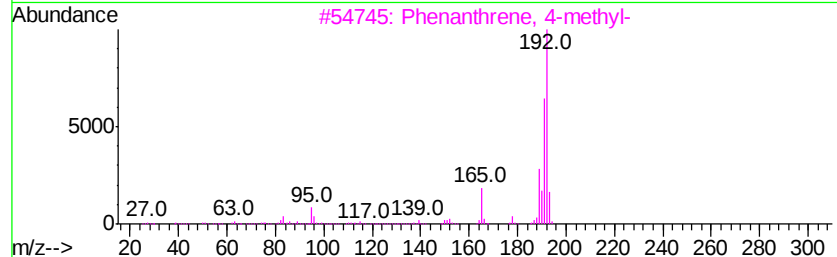
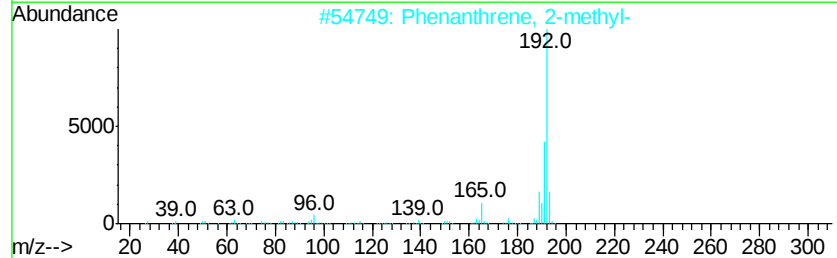
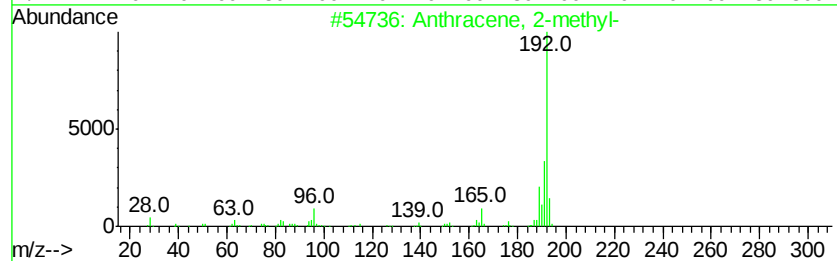
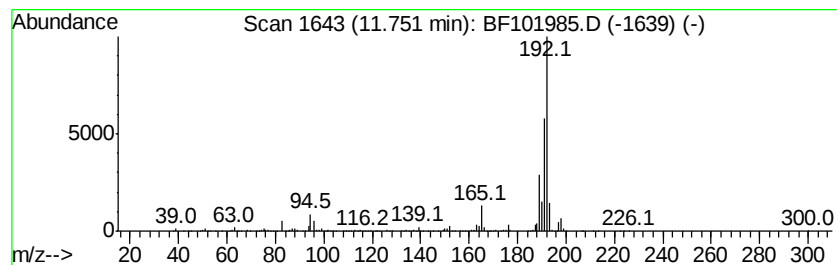
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	10.97 ng	919985	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101985.D
Acq On : 10 Jan 2018 18:09
Operator : SJ/JU
Sample : J1076-02 50X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-7317-03

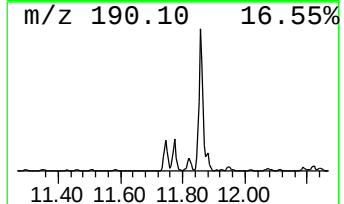
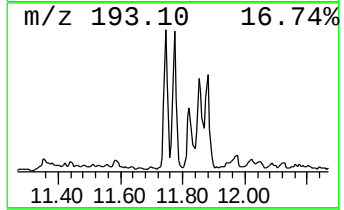
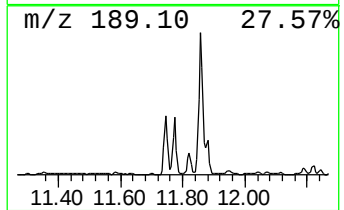
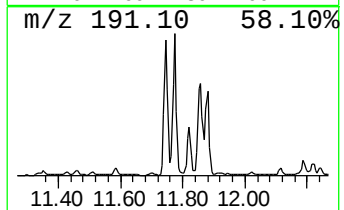
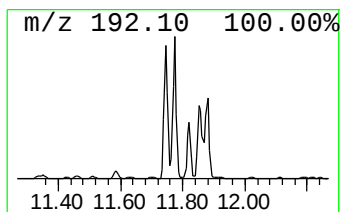
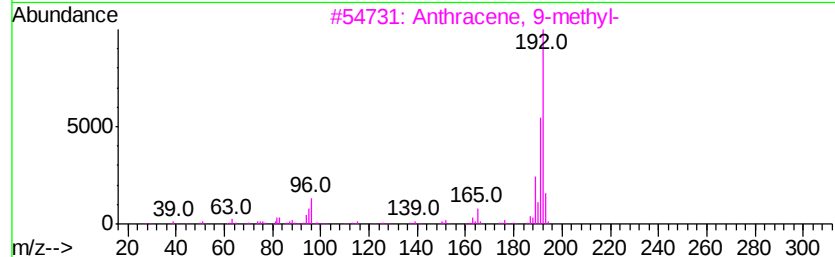
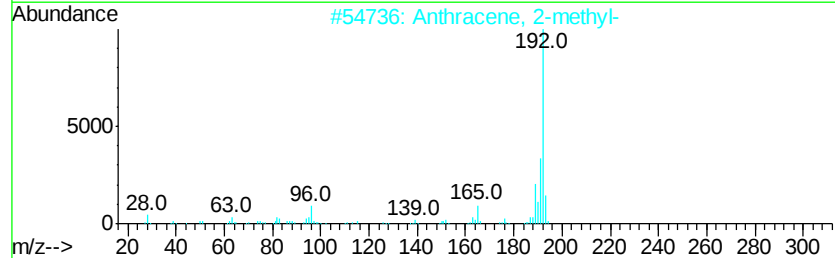
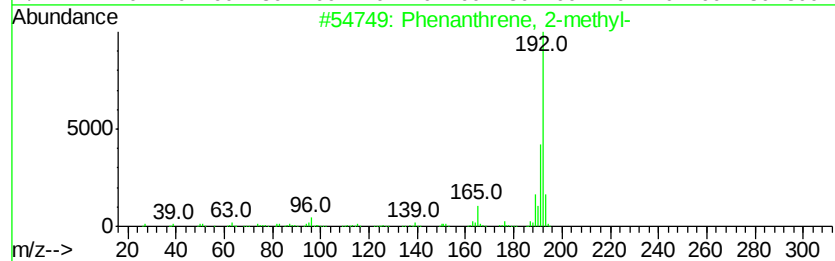
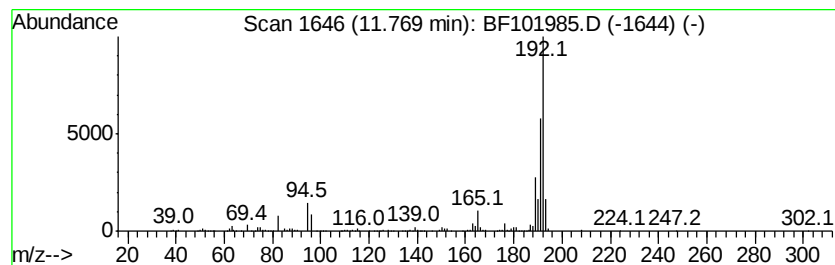
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	11.10 ng	930626	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101985.D
Acq On : 10 Jan 2018 18:09
Operator : SJ/JU
Sample : J1076-02 50X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-7317-03

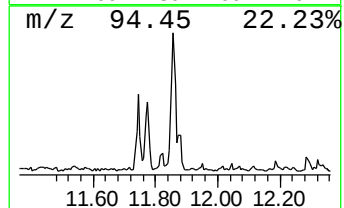
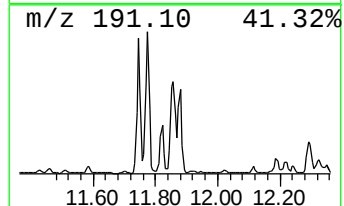
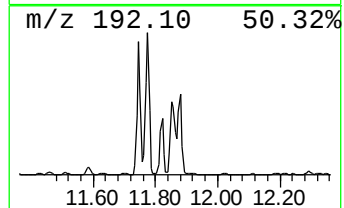
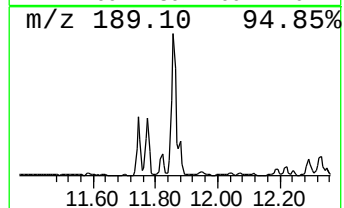
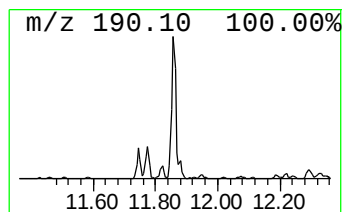
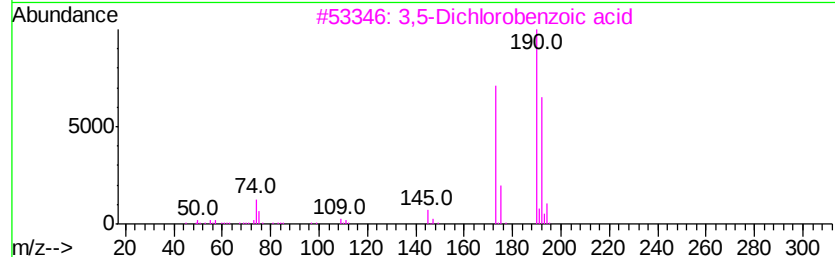
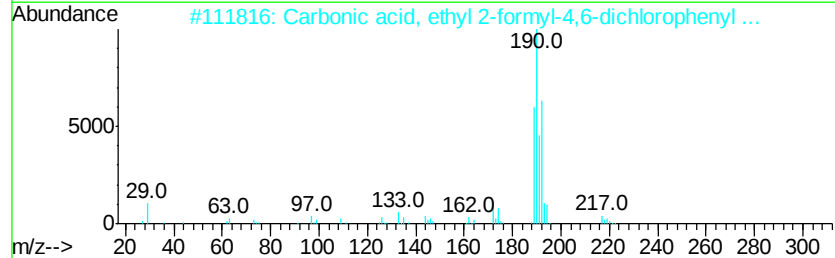
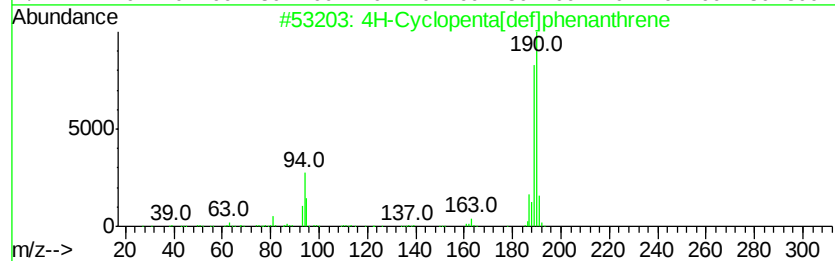
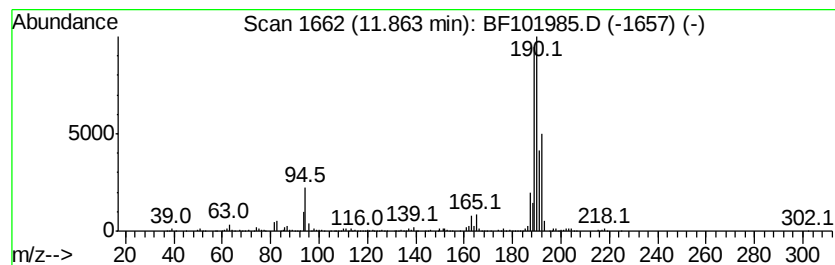
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	15.09 ng	1265290	Phenanthrene-d10	11.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2			Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	47
3			3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	30
4			3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27
5			1-(3-Nitro-phenyl)-pyrrolidine	192	C10H12N2O2	1000300-34-7	25



Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
Data File : BF101985.D
Acq On : 10 Jan 2018 18:09
Operator : SJ/JU
Sample : J1076-02 50X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-7317-03

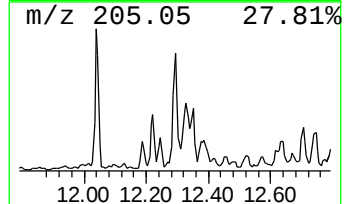
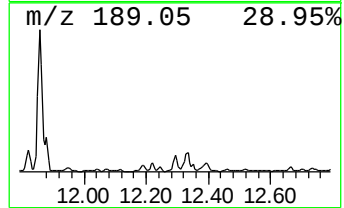
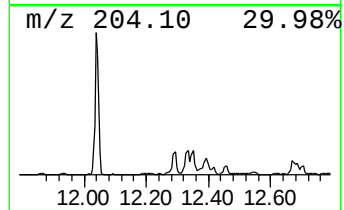
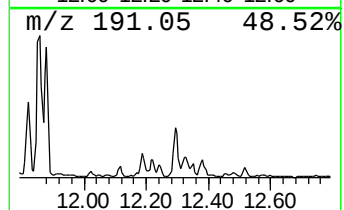
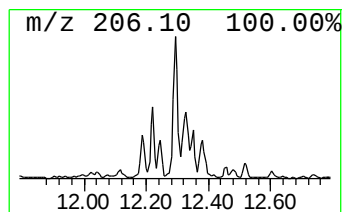
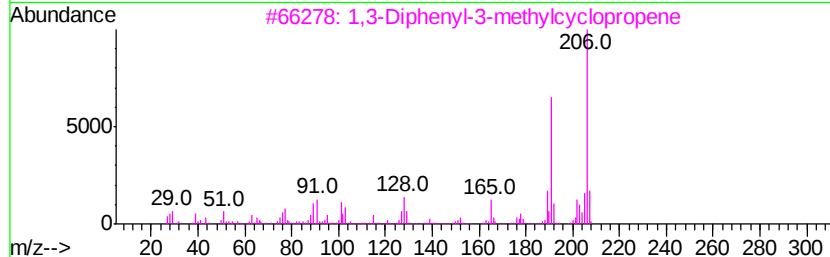
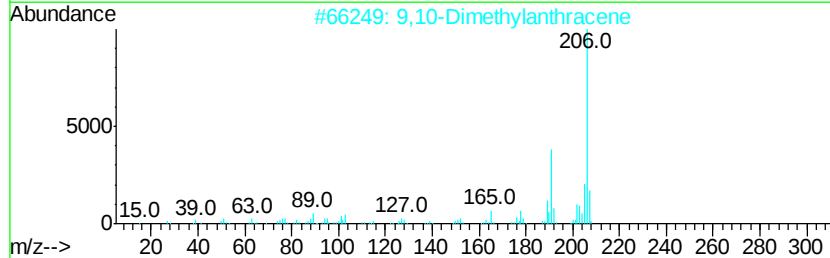
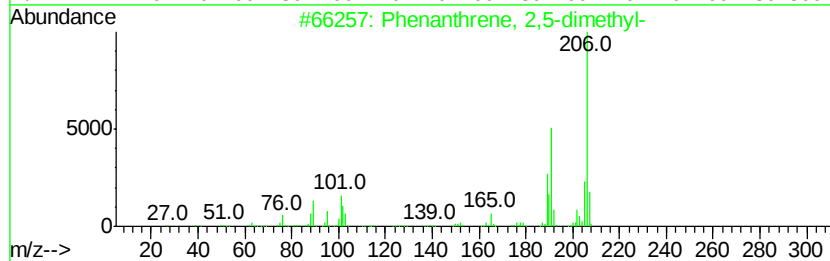
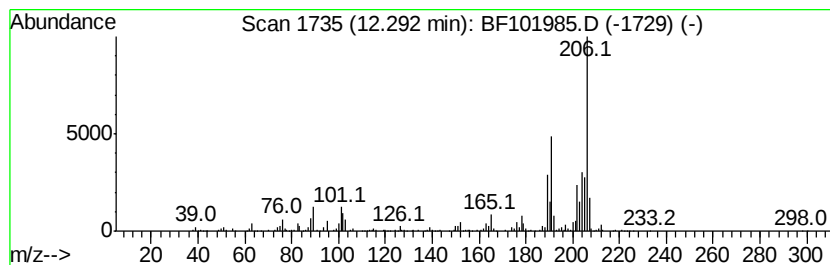
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	6.36 ng	533620	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	93
3		1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	92
4		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	89



Data Path : U:\HPCHEM1\BNA_F\DATA\BF011018\
 Data File : BF101985.D
 Acq On : 10 Jan 2018 18:09
 Operator : SJ/JU
 Sample : J1076-02 50X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-7317-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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
Benzene, 1,3-dime...	5.30	8.2	ng	557290	1	6.73	1360550	20.0
Benzene, 1-ethyl-...	6.25	6.9	ng	469985	1	6.73	1360550	20.0
Benzene, 1,2,3-tr...	6.55	7.8	ng	532179	1	6.73	1360550	20.0
Indane	6.90	20.4	ng	1384210	1	6.73	1360550	20.0
Naphthalene, 1-me...	8.82	22.9	ng	2889110	2	8.01	2518120	20.0
Naphthalene, 1-et...	9.28	12.1	ng	1365820	3	9.76	2264470	20.0
Naphthalene, 1,6-...	9.35	14.1	ng	1595550	3	9.76	2264470	20.0
Naphthalene, 2,3-...	9.42	15.0	ng	1701090	3	9.76	2264470	20.0
Naphthalene, 2,6-...	9.45	8.8	ng	994043	3	9.76	2264470	20.0
9H-Fluorene, 1-me...	10.85	5.9	ng	497995	4	11.24	1676860	20.0
Dibenzothiophene	11.14	14.1	ng	1178470	4	11.24	1676860	20.0
Anthracene, 2-met...	11.75	11.0	ng	919985	4	11.24	1676860	20.0
Phenanthrene, 2-m...	11.77	11.1	ng	930626	4	11.24	1676860	20.0
4H-Cyclopenta[def...	11.86	15.1	ng	1265290	4	11.24	1676860	20.0
Phenanthrene, 2,5...	12.29	6.4	ng	533620	4	11.24	1676860	20.0