

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
 Data File : BF107779.D
 Acq On : 28 Jul 2018 6:57
 Operator : JU/SJ
 Sample : J4184-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6B

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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	5.554	543	547	554	rBV2	37100	68237	4.38%	0.333%
2	5.807	586	590	595	rBV	98506	105487	6.78%	0.514%
3	6.478	701	704	708	rBV	73317	85679	5.51%	0.418%
4	6.554	714	717	723	rVB	88079	82278	5.29%	0.401%
5	6.642	726	732	739	rBV4	55718	132296	8.50%	0.645%
6	6.748	746	750	752	rBV4	34775	53761	3.45%	0.262%
7	6.778	752	755	762	rVV2	158644	239273	15.37%	1.167%
8	6.960	783	786	792	rBV2	411228	706351	45.38%	3.444%
9	7.007	792	794	796	rBV	75038	63363	4.07%	0.309%
10	7.066	801	804	806	rVV2	40363	53846	3.46%	0.263%
11	7.119	810	813	824	rVV2	100143	200204	12.86%	0.976%
12	7.219	827	830	836	rVV	192272	260469	16.74%	1.270%
13	7.266	836	838	846	rVV2	61341	91813	5.90%	0.448%
14	7.483	872	875	879	rVB2	52428	50333	3.23%	0.245%
15	7.536	879	884	886	rBV2	99787	112338	7.22%	0.548%
16	7.560	886	888	891	rVV2	53054	70987	4.56%	0.346%
17	7.589	891	893	898	rVV2	72263	93359	6.00%	0.455%
18	7.678	905	908	911	rVB	48657	40153	2.58%	0.196%
19	7.748	917	920	924	rVB	35027	36796	2.36%	0.179%
20	7.872	938	941	945	rVB4	56813	63024	4.05%	0.307%
21	7.983	954	960	964	rBV2	104768	166985	10.73%	0.814%
22	8.019	964	966	968	rBV	73167	70921	4.56%	0.346%
23	8.242	1001	1004	1006	rBV	796940	779414	50.08%	3.800%
24	8.266	1006	1008	1015	rVB	492594	571714	36.73%	2.787%
25	8.813	1098	1101	1103	rVB	50636	38815	2.49%	0.189%
26	8.866	1107	1110	1112	rBV	34545	45335	2.91%	0.221%
27	8.954	1121	1125	1137	rBV	300831	443300	28.48%	2.161%
28	9.054	1138	1142	1150	rBV	392821	406285	26.10%	1.981%
29	9.313	1183	1186	1192	rVV	143133	154469	9.92%	0.753%
30	9.419	1200	1204	1212	rBV	114215	175679	11.29%	0.857%
31	9.489	1212	1216	1218	rBV3	75688	89681	5.76%	0.437%
32	9.519	1218	1221	1227	rVB2	54412	100957	6.49%	0.492%
33	9.583	1227	1232	1235	rBV3	39500	66175	4.25%	0.323%
34	9.654	1241	1244	1246	rBV	95122	93854	6.03%	0.458%

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Max Peaks: 100

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35	9.683	1246	1249	1250	rVV2	86905	82419	5.30%	0.402%
36	9.707	1250	1253	1261	rVV	569231	626158	40.23%	3.053%
37	9.772	1261	1264	1272	rVB3	63594	109479	7.03%	0.534%
38	9.836	1272	1275	1277	rBV	88728	99717	6.41%	0.486%
39	9.860	1277	1279	1285	rVV	583677	627100	40.29%	3.057%
40	9.907	1285	1287	1293	rVB	49611	47066	3.02%	0.229%
41	9.977	1296	1299	1300	rBV2	45260	43614	2.80%	0.213%
42	10.001	1300	1303	1306	rVV	851019	803608	51.63%	3.918%
43	10.030	1306	1308	1317	rVB	184598	235809	15.15%	1.150%
44	10.189	1333	1335	1341	rVB5	54056	84281	5.42%	0.411%
45	10.313	1352	1356	1360	rBV4	54118	82837	5.32%	0.404%
46	10.371	1360	1366	1367	rVV3	46991	74892	4.81%	0.365%
47	10.395	1367	1370	1377	rVV3	80758	131352	8.44%	0.640%
48	10.454	1377	1380	1382	rVV	62381	54595	3.51%	0.266%
49	10.483	1382	1385	1389	rVB	96013	98263	6.31%	0.479%
50	10.524	1389	1392	1393	rBV	46022	41138	2.64%	0.201%
51	10.554	1393	1397	1403	rVV	166480	242915	15.61%	1.184%
52	10.613	1403	1407	1412	rVB8	30898	62572	4.02%	0.305%
53	10.795	1432	1438	1440	rBV5	53698	98455	6.33%	0.480%
54	10.819	1440	1442	1445	rVB3	50202	46131	2.96%	0.225%
55	10.860	1445	1449	1451	rBV4	27222	39430	2.53%	0.192%
56	10.989	1468	1471	1475	rVB4	40155	52361	3.36%	0.255%
57	11.042	1475	1480	1484	rBV7	30355	67189	4.32%	0.328%
58	11.124	1492	1494	1499	rVB3	46648	49586	3.19%	0.242%
59	11.177	1499	1503	1506	rBV4	50060	66299	4.26%	0.323%
60	11.295	1520	1523	1526	rVB	75008	80589	5.18%	0.393%
61	11.407	1540	1542	1547	rVB3	37512	54208	3.48%	0.264%
62	11.495	1553	1557	1559	rBV	689014	728327	46.80%	3.551%
63	11.518	1559	1561	1568	rVV	908856	1054721	67.77%	5.142%
64	11.577	1568	1571	1579	rVB	134434	231904	14.90%	1.131%
65	11.783	1604	1606	1612	rVB2	43688	46076	2.96%	0.225%
66	11.924	1625	1630	1632	rBV5	31049	48865	3.14%	0.238%
67	12.001	1639	1643	1646	rBV2	288610	319610	20.54%	1.558%
68	12.024	1646	1647	1653	rVV2	116641	151819	9.75%	0.740%
69	12.113	1658	1662	1664	rVV	145757	174493	11.21%	0.851%
70	12.130	1664	1665	1670	rVB	132808	120234	7.73%	0.586%
71	12.248	1682	1685	1690	rVB5	44159	67684	4.35%	0.330%

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72	12.295	1690	1693	1695	rBV	49182	54209	3.48%	0.264%
73	12.501	1722	1728	1734	rVV2	104305	272017	17.48%	1.326%
74	12.554	1734	1737	1742	rVV4	81127	139116	8.94%	0.678%
75	12.607	1744	1746	1749	rVB	81602	75074	4.82%	0.366%
76	12.671	1755	1757	1759	rBV	56178	45471	2.92%	0.222%
77	12.713	1761	1764	1767	rVV	440854	457402	29.39%	2.230%
78	12.742	1767	1769	1772	rVV3	96559	90825	5.84%	0.443%
79	12.813	1775	1781	1787	rBV	93040	166627	10.71%	0.812%
80	12.948	1798	1804	1810	rBV	579135	784405	50.40%	3.824%
81	12.995	1810	1812	1816	rVB	83837	97135	6.24%	0.474%
82	13.077	1823	1826	1836	rVB	198243	279041	17.93%	1.360%
83	13.160	1837	1840	1843	rBV4	65014	94403	6.07%	0.460%
84	13.213	1846	1849	1853	rVB	180451	180833	11.62%	0.882%
85	13.483	1891	1895	1896	rBV3	40993	59773	3.84%	0.291%
86	13.624	1916	1919	1922	rBV3	44471	58130	3.73%	0.283%
87	13.924	1968	1970	1972	rBV3	37934	41443	2.66%	0.202%
88	13.954	1972	1975	1981	rVB2	415882	437536	28.11%	2.133%
89	14.148	2003	2008	2019	rBV2	1115411	1556368	100.00%	7.588%
90	14.271	2024	2029	2032	rBV2	79898	95467	6.13%	0.465%
91	14.577	2078	2081	2086	rBV	139987	144739	9.30%	0.706%
92	14.895	2132	2135	2139	rVB	218282	211942	13.62%	1.033%
93	14.977	2146	2149	2151	rVB	60445	50537	3.25%	0.246%
94	15.248	2187	2195	2204	rBV2	265710	411128	26.42%	2.004%
95	15.612	2254	2257	2260	rBV	52806	83767	5.38%	0.408%
96	15.654	2260	2264	2265	rVV	252278	326949	21.01%	1.594%
97	15.677	2265	2268	2280	rVB	518883	889066	57.12%	4.335%
98	16.112	2337	2342	2348	rVB	192975	281551	18.09%	1.373%
99	16.648	2428	2433	2437	rBV	96942	154620	9.93%	0.754%
100	17.271	2533	2539	2545	rVB2	49734	111759	7.18%	0.545%

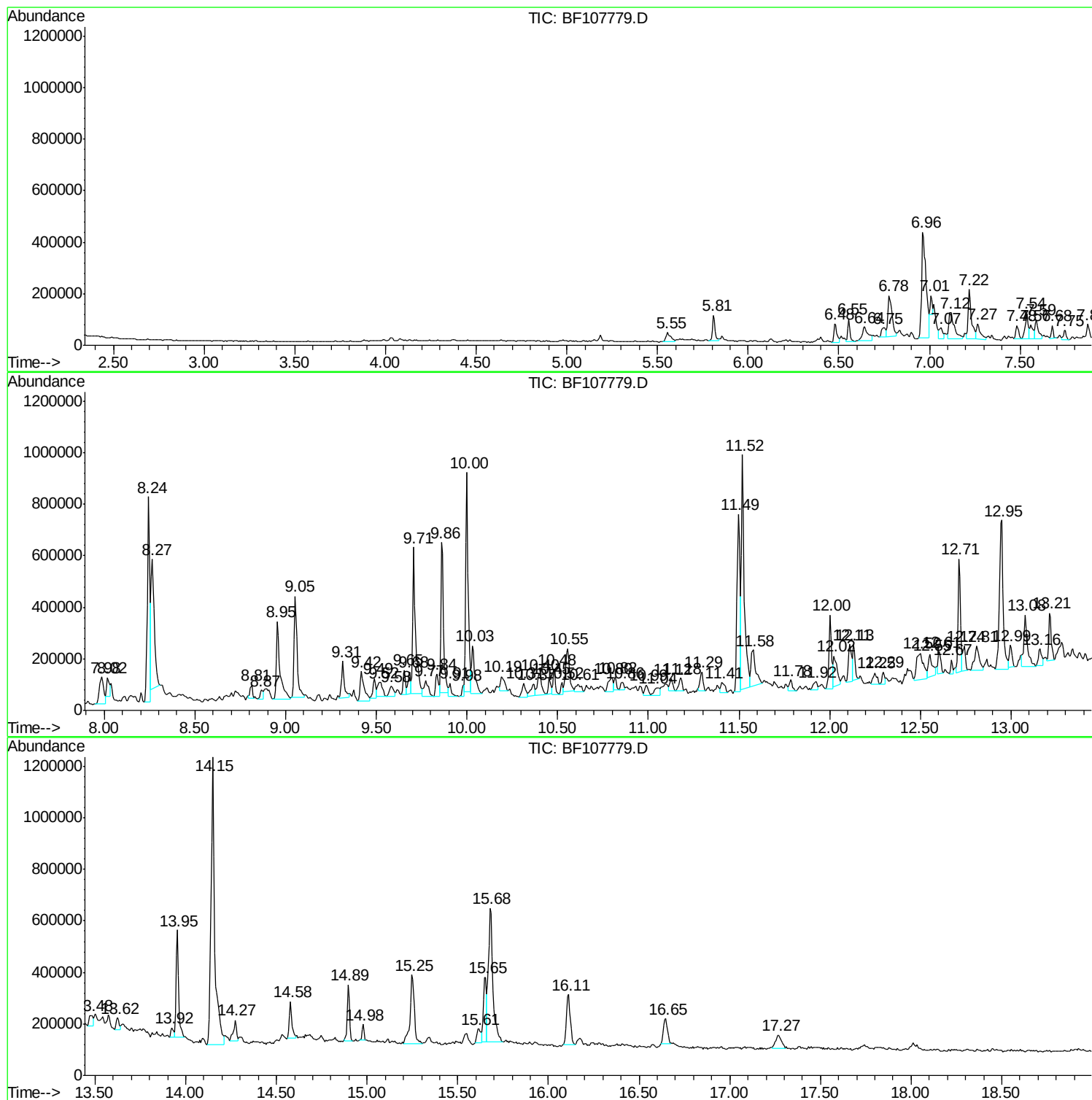
Sum of corrected areas: 20510760

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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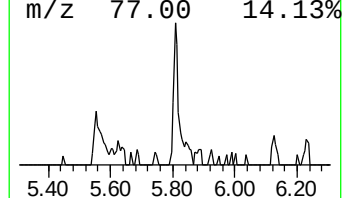
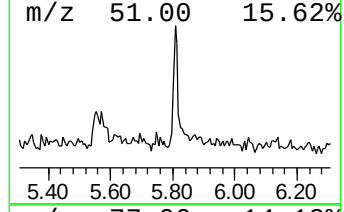
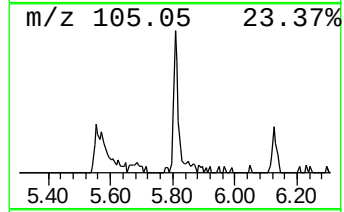
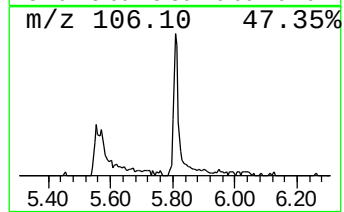
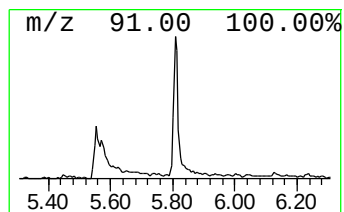
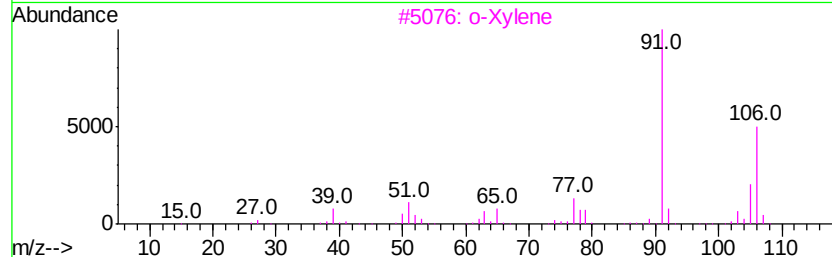
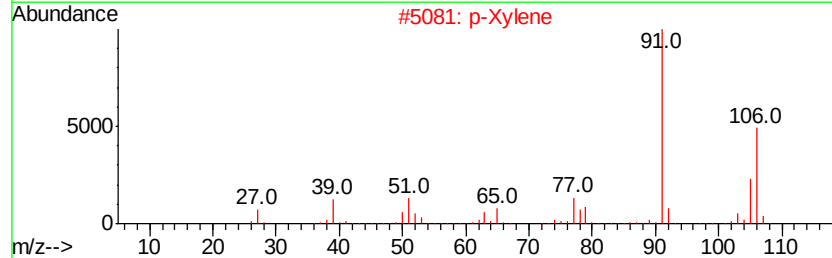
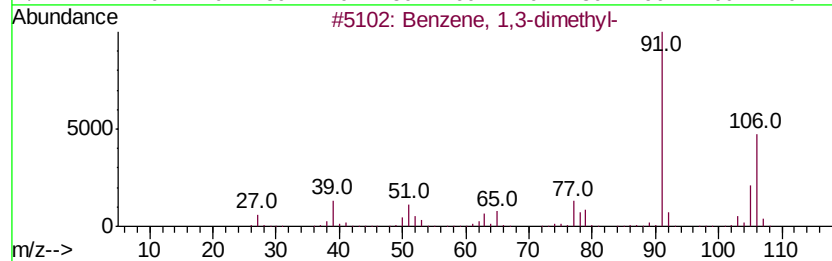
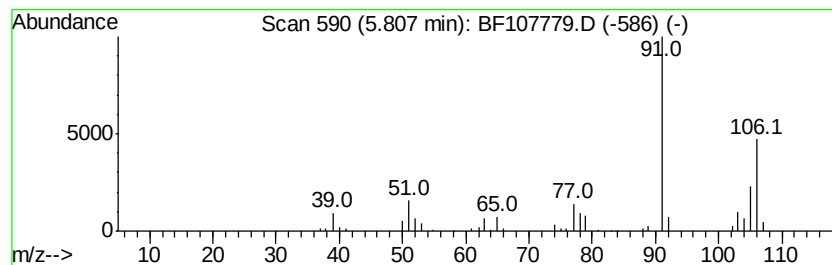
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.81	2.99 ng	105487	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
2		p-Xylene	106	C8H10	000106-42-3	94
3		o-Xylene	106	C8H10	000095-47-6	94
4		Ethylbenzene	106	C8H10	000100-41-4	87
5		1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	83



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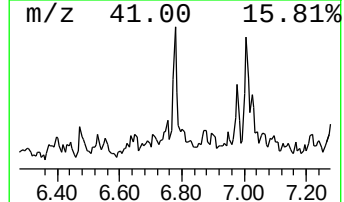
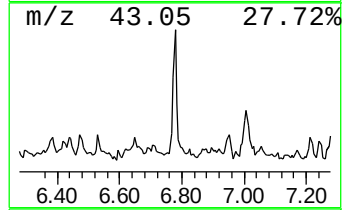
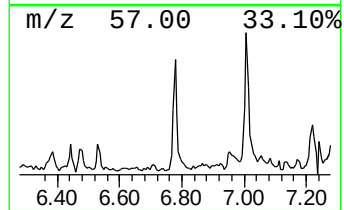
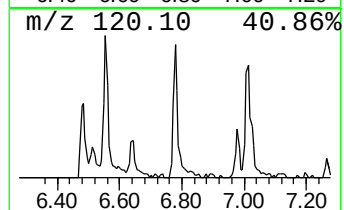
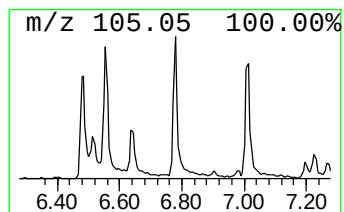
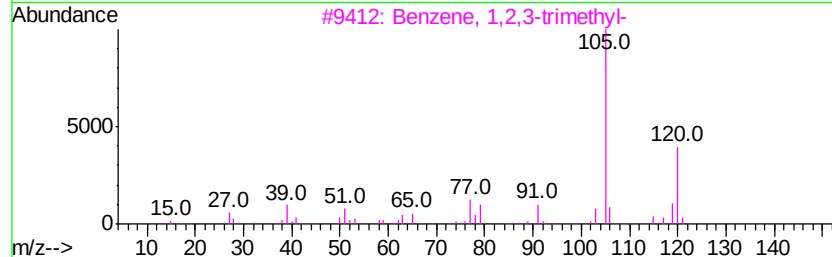
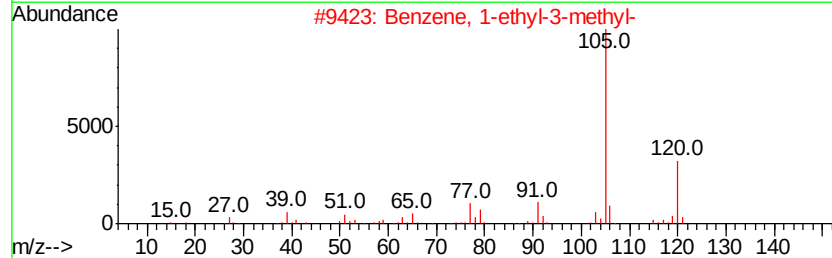
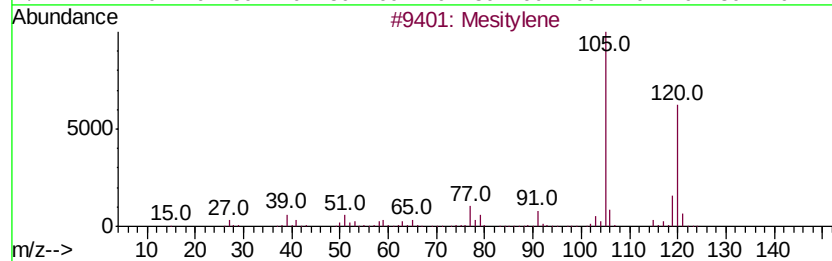
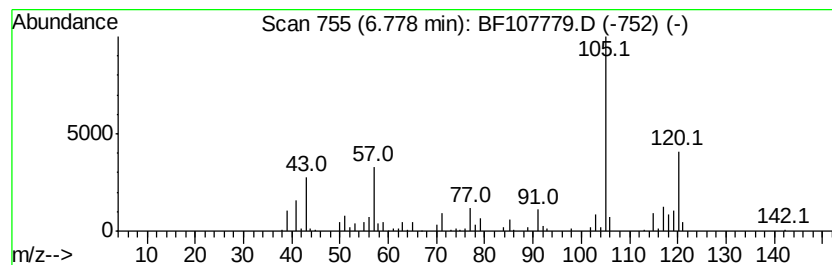
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Mesitylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	6.77 ng	239273	1,4-Dichlorobenzene-d4	6.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Mesitylene	120	C9H12	000108-67-8	81
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	76
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	76
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	76
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	74



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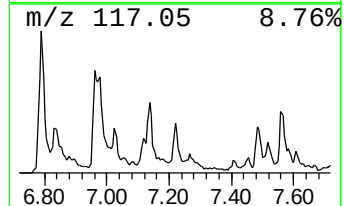
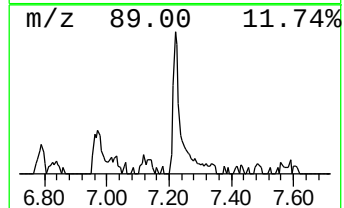
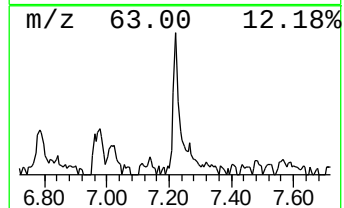
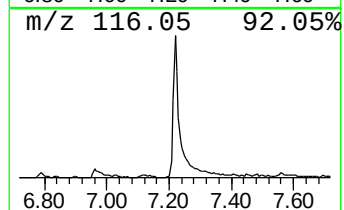
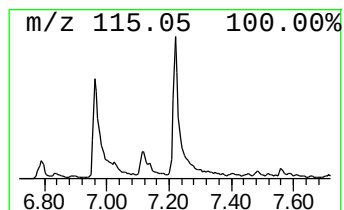
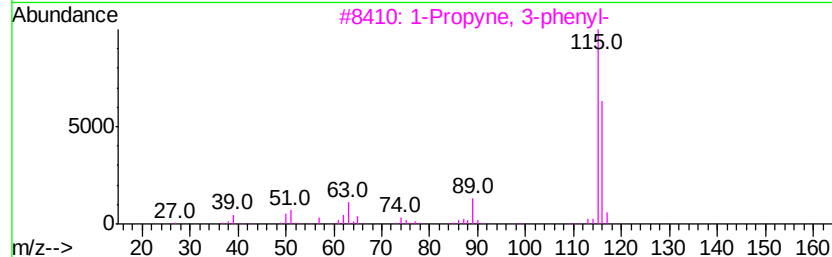
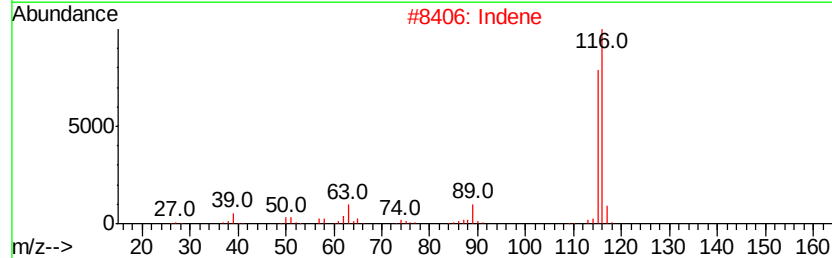
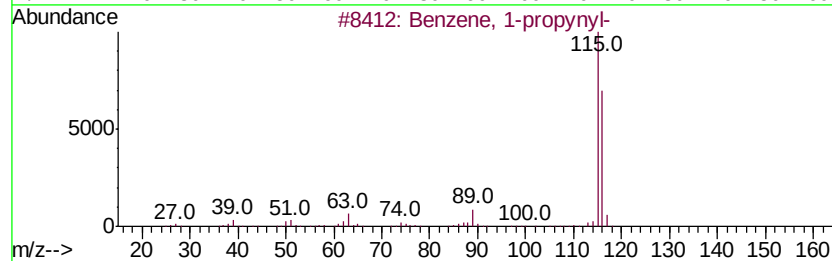
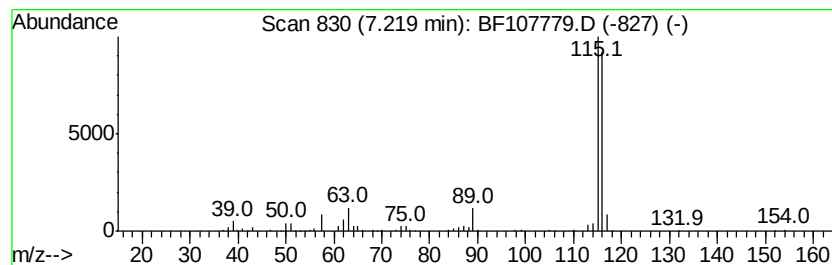
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Peak Number 4 Benzene, 1-propynyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	7.38 ng	260469	1,4-Dichlorobenzene-d4	6.96

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
2	Indene	116	C9H8	000095-13-6	94
3	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107779.D
Acq On : 28 Jul 2018 6:57
Operator : JU/SJ
Sample : J4184-03
Misc :
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Instrument :
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ClientSampleId :
MW-6B

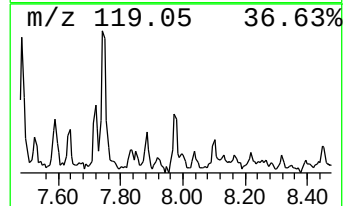
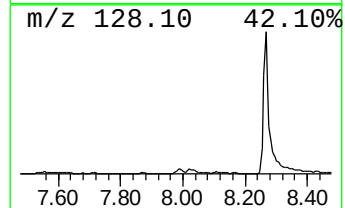
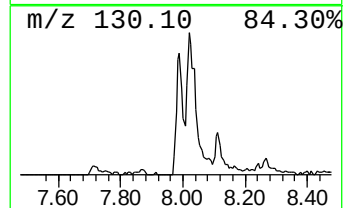
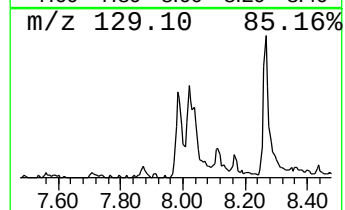
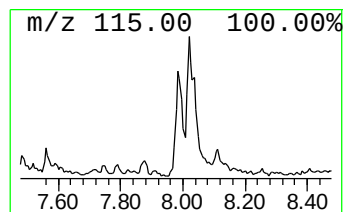
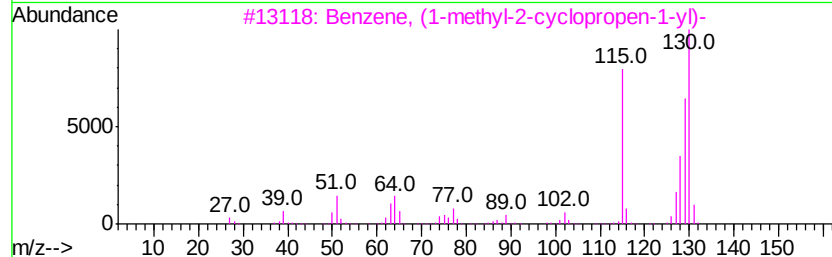
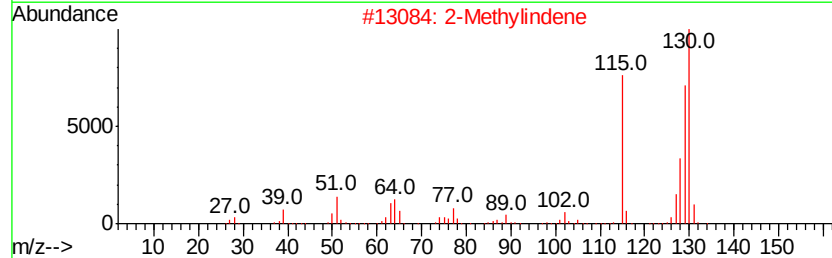
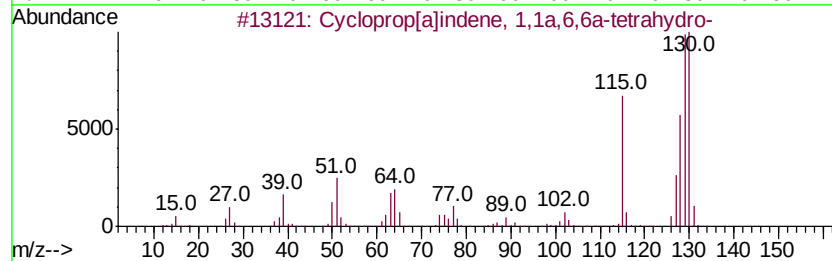
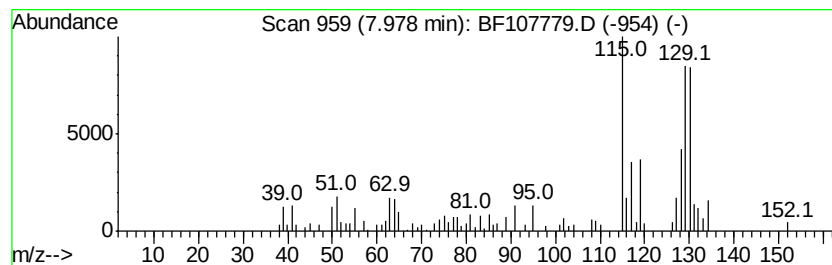
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	4.28 ng	166985	Napthalene-d8	8.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	96
2		2-Methylindene	130	C10H10	002177-47-1	96
3		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
4		1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
5		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107779.D
Acq On : 28 Jul 2018 6:57
Operator : JU/SJ
Sample : J4184-03
Misc :
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ClientSampleId :
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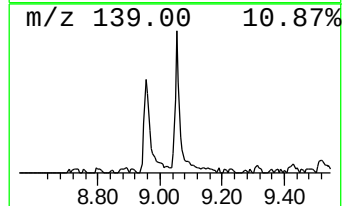
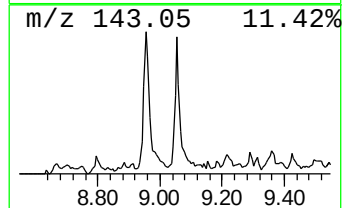
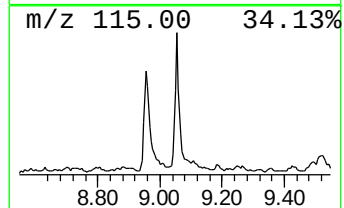
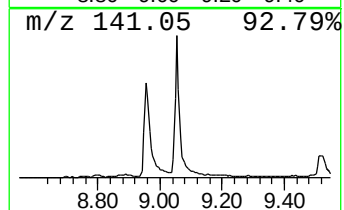
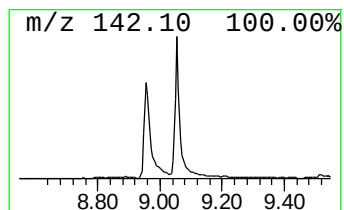
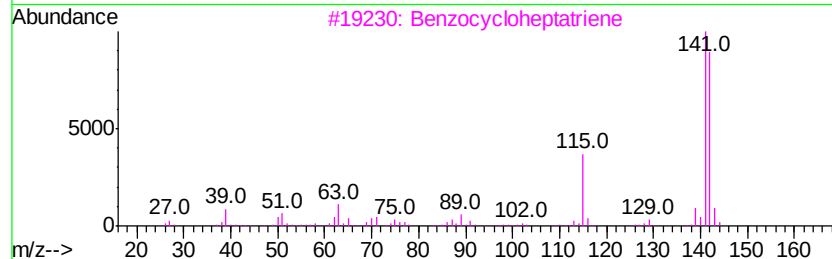
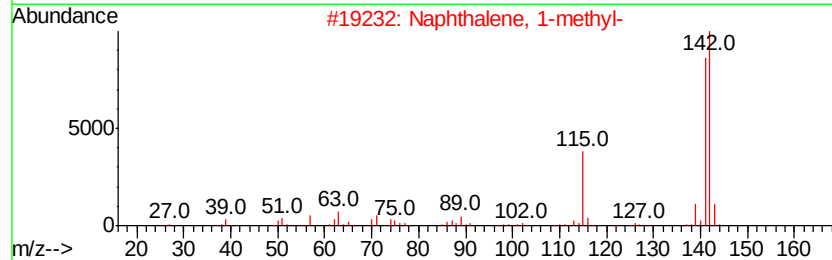
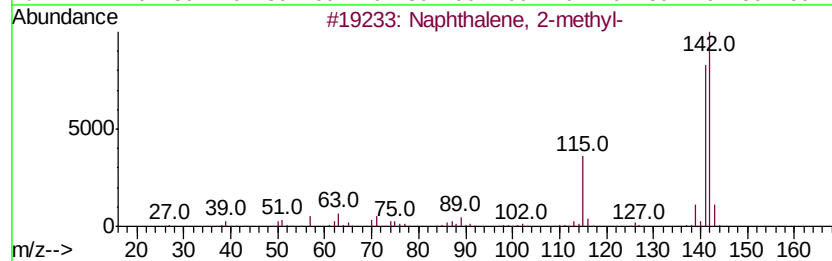
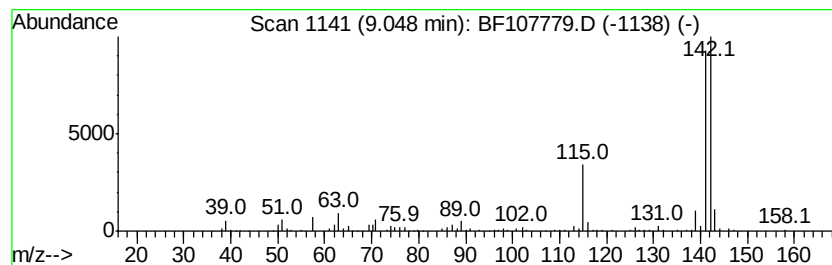
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	10.43 ng	406285	Naphthalene-d8	8.24

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		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107779.D
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Sample : J4184-03
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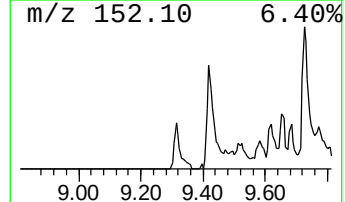
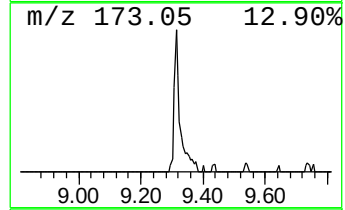
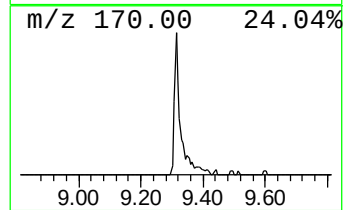
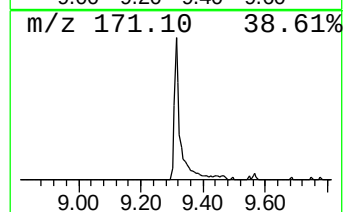
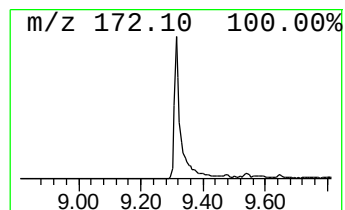
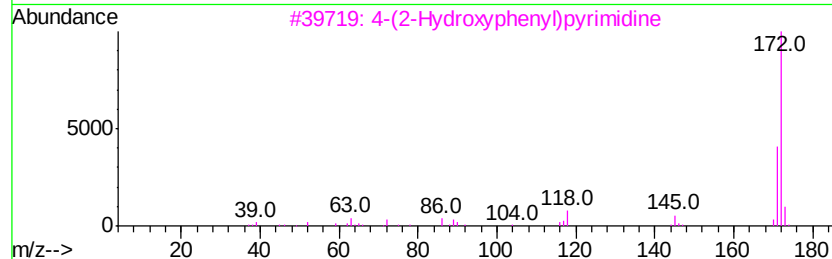
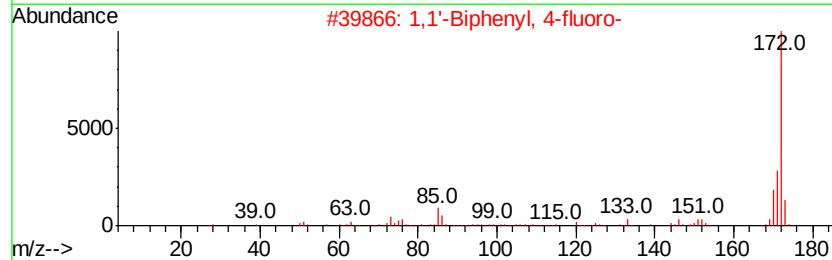
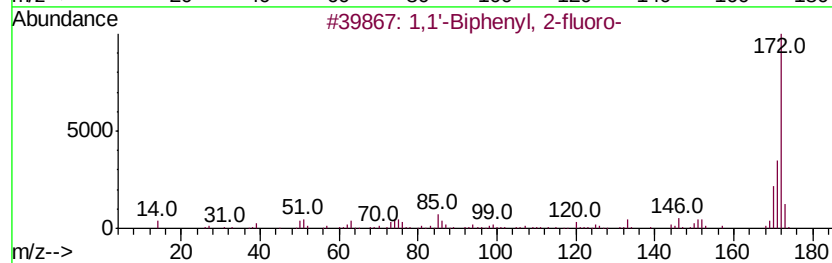
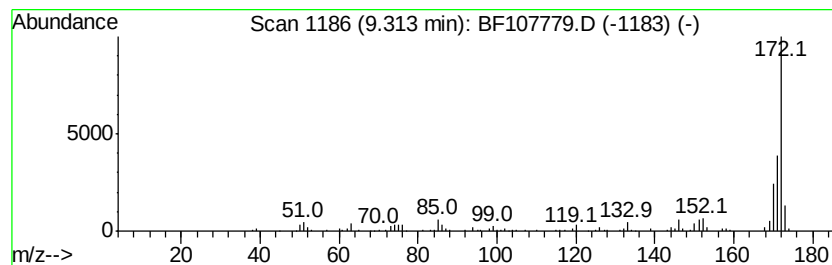
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1,1'-Biphenyl, 2-fluoro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.31	3.84 ng	154469	Acenaphthene-d10	10.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-fluoro-	172	C12H9F	000321-60-8	96
2	1,1'-Biphenyl, 4-fluoro-	172	C12H9F	000324-74-3	76
3	4-(2-Hydroxyphenyl)pyrimidine	172	C10H8N2O	068535-55-7	59
4	4-Pyrimidinol, 5-phenyl-	172	C10H8N2O	022433-69-8	42
5	Benzenepropanoic acid, .alpha.-t...	313	C15H14F3N03	1000269-21-4	37



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
Data File : BF107779.D
Acq On : 28 Jul 2018 6:57
Operator : JU/SJ
Sample : J4184-03
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Instrument :
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ClientSampleId :
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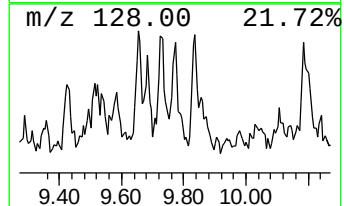
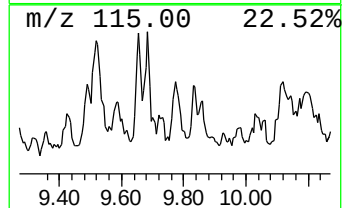
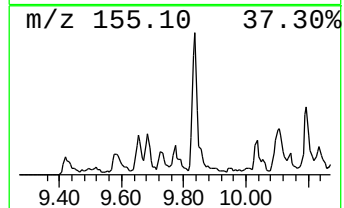
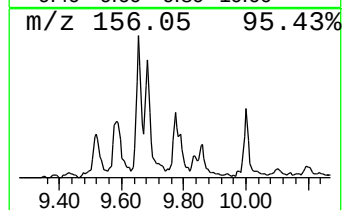
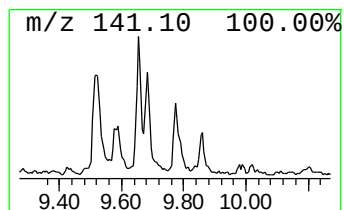
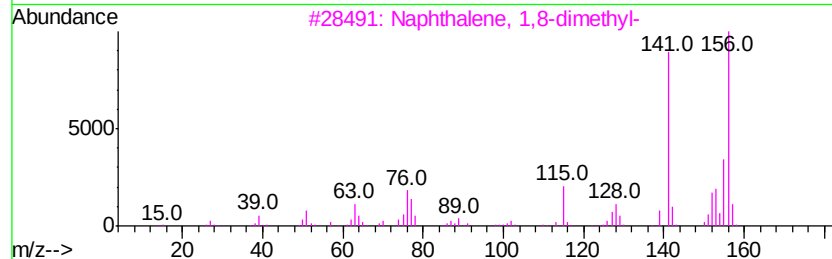
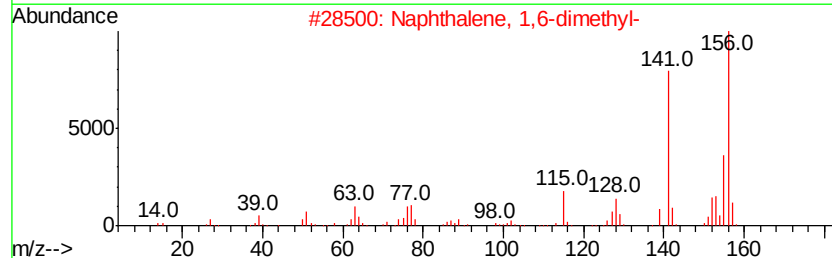
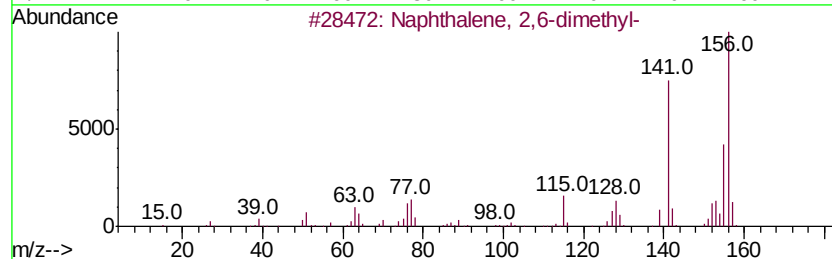
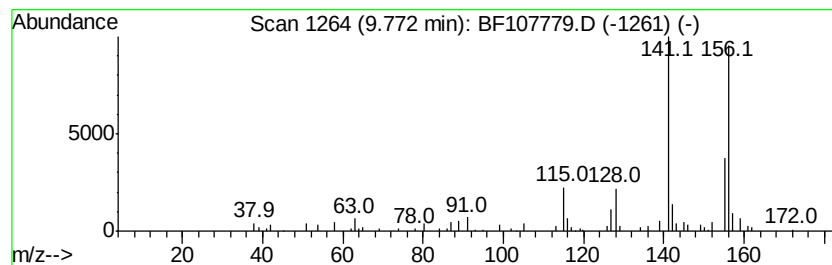
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	2.72 ng	109479	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91
3		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	87
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	87
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
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Sample : J4184-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

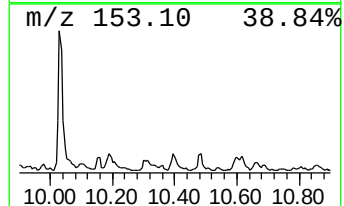
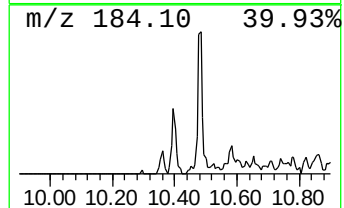
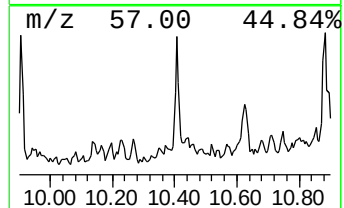
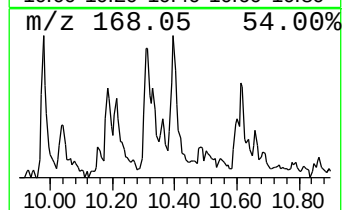
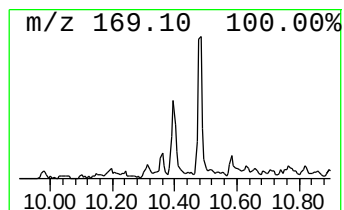
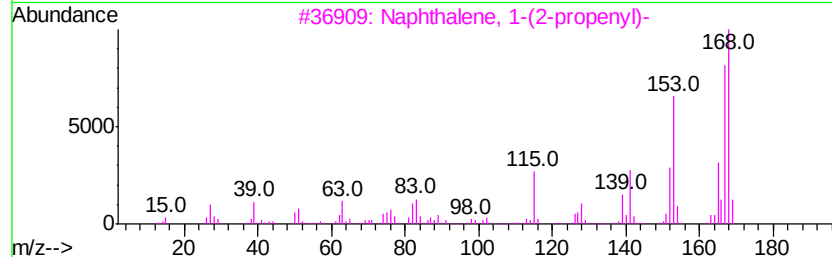
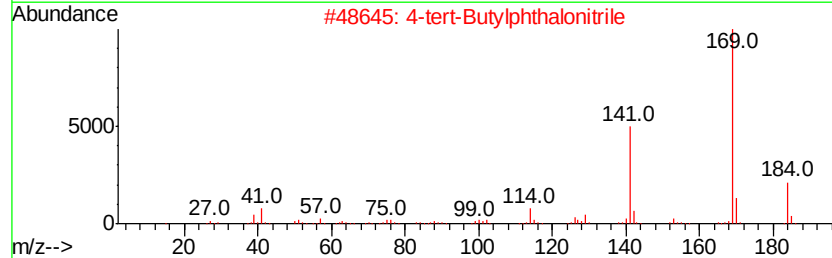
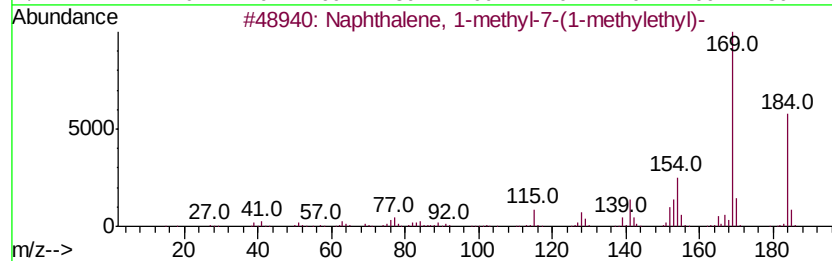
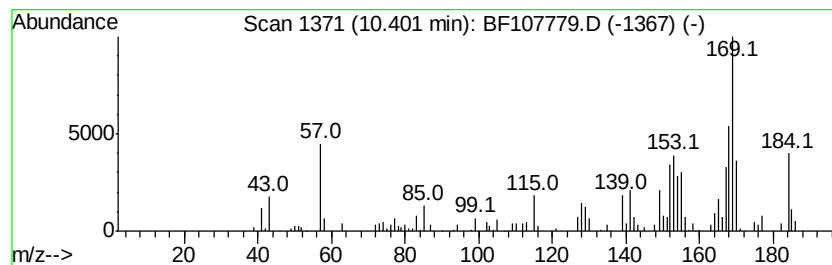
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1-methyl-7-(1-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	3.27 ng	131352	Acenaphthene-d10	10.00
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-methyl-7-(1-methyl-...	184 C14H16	000490-65-3 64
2		4-tert-Butylphthalonitrile	184 C12H12N2	032703-80-3 43
3		Naphthalene, 1-(2-propenyl)-	168 C13H12	002489-86-3 42
4		[1,1'-Biphenyl]-4-amine	169 C12H11N	000092-67-1 41
5		Pyridine, 3-methyl-4-phenyl-	169 C12H11N	002052-92-8 38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
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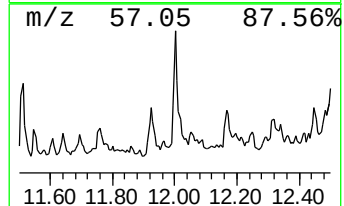
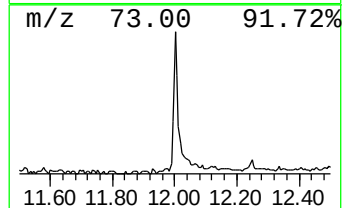
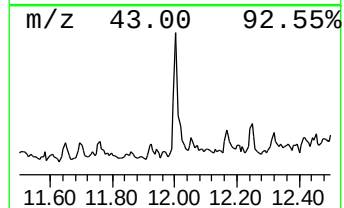
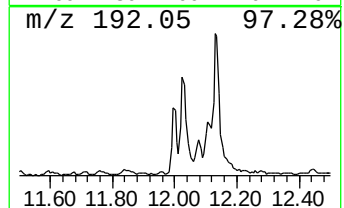
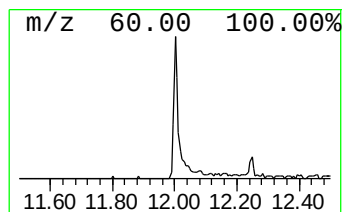
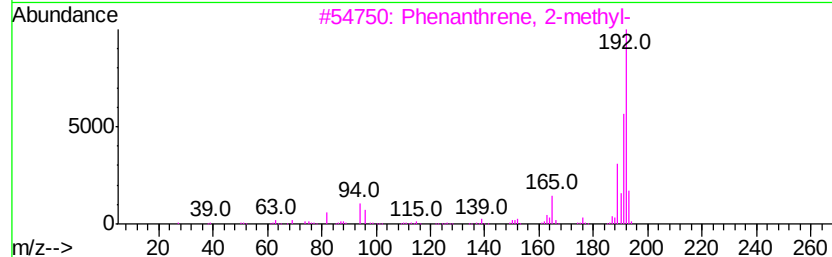
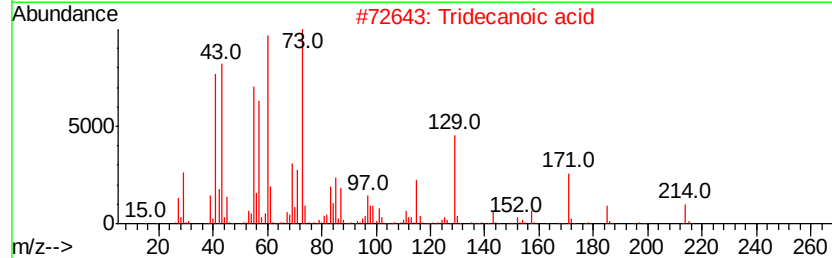
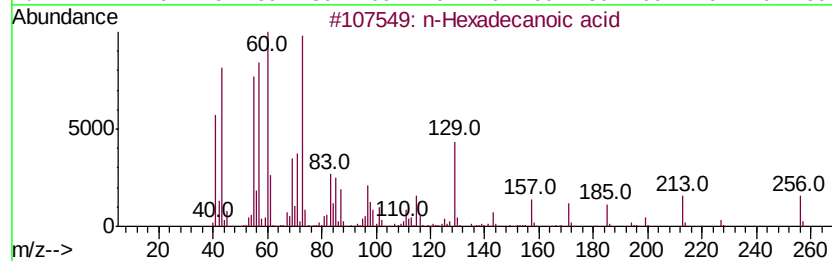
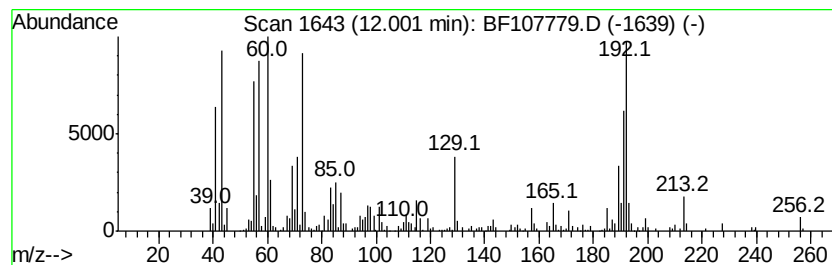
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	8.78 ng	319610	Phenanthrene-d10	11.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78
2			Tridecanoic acid	214	C13H26O2	000638-53-9	70
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	68
4			1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	64
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
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ALS Vial : 36 Sample Multiplier: 1

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

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

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	4.17 ng	151819	Phenanthrene-d10	11.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
3			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	76

