

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
 Data File : BF111608.D
 Acq On : 19 Dec 2018 23:34
 Operator : JU/SJ
 Sample : J6195-09 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-121718

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-BF121918.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.175	12	15	27	rVB3	60594	130041	2.87%	0.194%
2	5.504	577	581	585	rBV	1984462	1801673	39.72%	2.682%
3	6.510	747	752	757	rBV	2312332	2043152	45.05%	3.042%
4	6.657	773	777	781	rBV	2079215	1894916	41.78%	2.821%
5	6.892	814	817	821	rBV	1452612	1193315	26.31%	1.777%
6	7.051	840	844	846	rBV	1717762	1323521	29.18%	1.970%
7	7.080	846	849	852	rVB	433739	373534	8.24%	0.556%
8	7.445	903	911	914	rBV	1365704	1151453	25.39%	1.714%
9	8.175	1030	1035	1037	rBV	1973444	1620210	35.72%	2.412%
10	8.198	1037	1039	1042	rVB	642259	480287	10.59%	0.715%
11	8.886	1151	1156	1159	rVB	1113747	827500	18.24%	1.232%
12	8.986	1167	1173	1177	rBV	917407	739551	16.30%	1.101%
13	9.245	1214	1217	1221	rVB	1948685	1728793	38.11%	2.574%
14	9.345	1229	1234	1238	rBV2	286486	342446	7.55%	0.510%
15	9.445	1249	1251	1256	rVB	161620	167525	3.69%	0.249%
16	9.516	1256	1263	1267	rBV	357112	504745	11.13%	0.751%
17	9.586	1270	1275	1278	rVV	643520	625910	13.80%	0.932%
18	9.616	1278	1280	1282	rVV	363744	310847	6.85%	0.463%
19	9.639	1282	1284	1289	rVV	415040	381962	8.42%	0.569%
20	9.704	1292	1295	1301	rVB	297963	304508	6.71%	0.453%
21	9.786	1306	1309	1315	rVB	287562	237064	5.23%	0.353%
22	9.869	1320	1323	1327	rVB	145529	126688	2.79%	0.189%
23	9.910	1327	1330	1331	rBV	206639	207026	4.56%	0.308%
24	9.927	1331	1333	1336	rVV	1872934	1575715	34.74%	2.346%
25	9.963	1336	1339	1342	rVV	1453910	1227717	27.07%	1.828%
26	10.033	1348	1351	1355	rBV2	108601	131586	2.90%	0.196%
27	10.086	1355	1360	1364	rBV2	85672	129843	2.86%	0.193%
28	10.133	1364	1368	1371	rVB	895947	786282	17.34%	1.171%
29	10.169	1371	1374	1376	rBV	183605	138981	3.06%	0.207%
30	10.245	1381	1387	1389	rBV3	136471	137671	3.04%	0.205%
31	10.363	1404	1407	1412	rVB3	150539	167749	3.70%	0.250%
32	10.474	1422	1426	1429	rBV	1615245	1304634	28.76%	1.942%
33	10.633	1450	1453	1457	rVB	217045	218731	4.82%	0.326%
34	10.710	1462	1466	1471	rBV	1563640	1388886	30.62%	2.068%

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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-BF121918.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.839	1484	1488	1494	rVB2	221167	260578	5.74%	0.388%
36	11.021	1514	1519	1521	rBV	268824	291677	6.43%	0.434%
37	11.051	1521	1524	1527	rVV2	150268	158393	3.49%	0.236%
38	11.104	1530	1533	1536	rVB	155647	131746	2.90%	0.196%
39	11.310	1565	1568	1574	rVB	447839	469744	10.36%	0.699%
40	11.410	1581	1585	1587	rBV	1491653	1483564	32.71%	2.209%
41	11.439	1587	1590	1593	rVV	5354286	4535788	100.00%	6.753%
42	11.486	1593	1598	1601	rVV	1567533	1283596	28.30%	1.911%
43	11.516	1601	1603	1607	rVV2	119239	133019	2.93%	0.198%
44	11.633	1618	1623	1626	rBV	398717	409464	9.03%	0.610%
45	11.710	1633	1636	1639	rBV	200792	160868	3.55%	0.239%
46	11.739	1639	1641	1645	rVB2	200547	177002	3.90%	0.264%
47	11.821	1651	1655	1659	rVB	176782	222292	4.90%	0.331%
48	11.910	1667	1670	1673	rBV	704272	706490	15.58%	1.052%
49	11.939	1673	1675	1679	rVB	1055517	870493	19.19%	1.296%
50	11.986	1679	1683	1686	rBV	322870	302815	6.68%	0.451%
51	12.027	1686	1690	1692	rVV	1051672	1193480	26.31%	1.777%
52	12.045	1692	1693	1697	rVB	481312	298101	6.57%	0.444%
53	12.204	1717	1720	1723	rVV	407287	379817	8.37%	0.565%
54	12.227	1723	1724	1731	rVB2	125165	135011	2.98%	0.201%
55	12.386	1748	1751	1753	rBV	194785	153329	3.38%	0.228%
56	12.410	1753	1755	1758	rVB2	176614	139093	3.07%	0.207%
57	12.463	1760	1764	1767	rBV	411829	448138	9.88%	0.667%
58	12.498	1767	1770	1776	rVB4	307635	490092	10.81%	0.730%
59	12.545	1776	1778	1783	rBV3	134778	198138	4.37%	0.295%
60	12.627	1787	1792	1795	rBV	3500024	3331991	73.46%	4.960%
61	12.668	1795	1799	1805	rBV3	107934	167634	3.70%	0.250%
62	12.774	1814	1817	1821	rVB2	162075	151827	3.35%	0.226%
63	12.851	1824	1830	1833	rBV	3162320	3602353	79.42%	5.363%
64	12.904	1836	1839	1843	rVB2	144509	212391	4.68%	0.316%
65	12.968	1847	1850	1851	rBV	169228	141031	3.11%	0.210%
66	12.992	1851	1854	1861	rVB	1842524	1681861	37.08%	2.504%
67	13.068	1862	1867	1870	rBV2	273354	404716	8.92%	0.603%
68	13.157	1879	1882	1883	rBV2	186662	205072	4.52%	0.305%
69	13.174	1883	1885	1889	rVB	682919	615966	13.58%	0.917%
70	13.245	1892	1897	1899	rBV	694115	616730	13.60%	0.918%
71	13.280	1899	1903	1906	rVV2	466570	435270	9.60%	0.648%

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72	13.374	1916	1919	1921	rVV	298761	235077	5.18%	0.350%
73	13.404	1921	1924	1927	rVB	311526	257665	5.68%	0.384%
74	13.574	1951	1953	1955	rBV2	124710	119032	2.62%	0.177%
75	13.657	1964	1967	1969	rBV3	113693	145043	3.20%	0.216%
76	13.792	1986	1990	1993	rBV2	313174	372276	8.21%	0.554%
77	13.821	1993	1995	1997	rVV	272651	231379	5.10%	0.344%
78	13.845	1997	1999	2003	rVV2	201402	255328	5.63%	0.380%
79	13.892	2004	2007	2011	rVB3	253413	342266	7.55%	0.510%
80	14.039	2025	2032	2035	rBV2	2265447	3317639	73.14%	4.939%
81	14.068	2035	2037	2043	rVB	1396423	1326702	29.25%	1.975%
82	14.151	2049	2051	2054	rVV	302188	249064	5.49%	0.371%
83	14.180	2054	2056	2058	rVV	126841	120455	2.66%	0.179%
84	14.221	2060	2063	2067	rVV4	216467	295242	6.51%	0.440%
85	14.262	2067	2070	2074	rVV2	162387	208913	4.61%	0.311%
86	14.392	2090	2092	2094	rBV	131573	119701	2.64%	0.178%
87	14.427	2094	2098	2101	rVV	360330	444697	9.80%	0.662%
88	14.462	2101	2104	2107	rVV	234777	215076	4.74%	0.320%
89	14.521	2111	2114	2117	rVV2	417911	448759	9.89%	0.668%
90	14.556	2117	2120	2121	rVV	213330	224222	4.94%	0.334%
91	14.574	2121	2123	2127	rVV3	291405	274237	6.05%	0.408%
92	14.627	2127	2132	2135	rVB4	116427	189268	4.17%	0.282%
93	15.086	2205	2210	2213	rBV	805904	1271809	28.04%	1.893%
94	15.192	2222	2228	2234	rVB2	254252	498707	10.99%	0.742%
95	15.392	2258	2262	2268	rVB	518384	628763	13.86%	0.936%
96	15.456	2268	2273	2278	rBV	733420	959487	21.15%	1.428%
97	15.515	2279	2283	2286	rBV	915083	1074451	23.69%	1.600%
98	16.009	2363	2367	2372	rBV2	153870	244875	5.40%	0.365%
99	16.986	2529	2533	2540	rVB2	230381	423319	9.33%	0.630%
100	17.433	2604	2609	2620	rVB	170337	354161	7.81%	0.527%

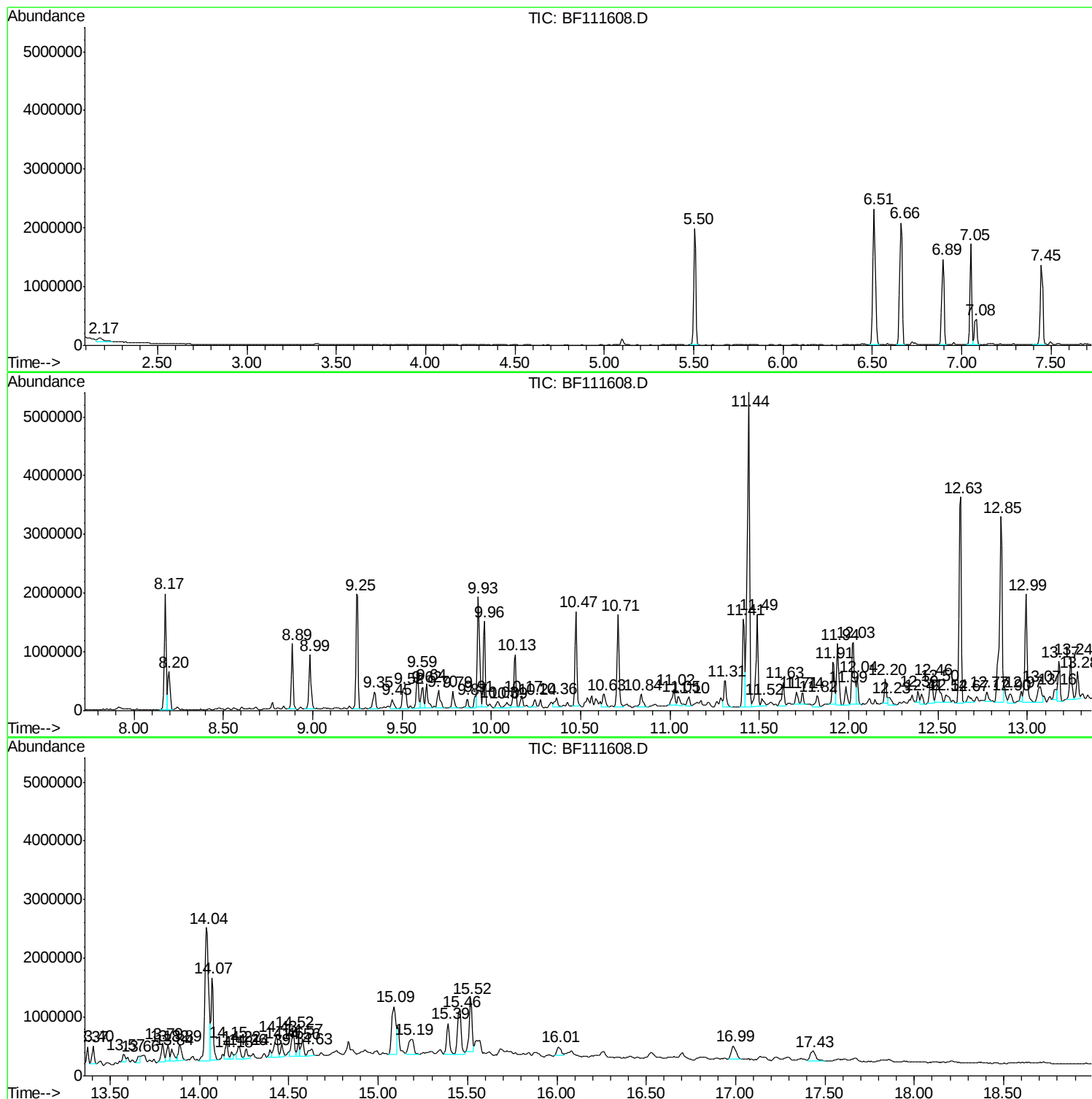
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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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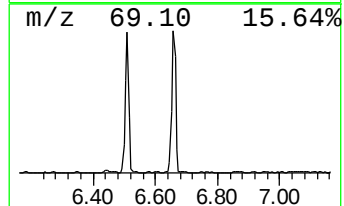
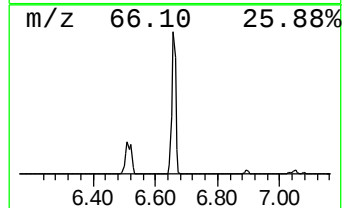
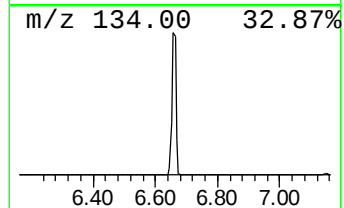
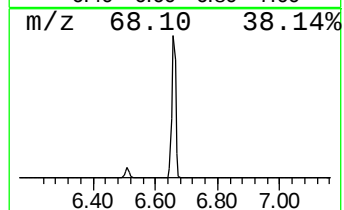
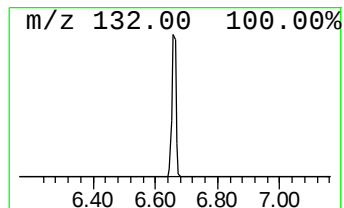
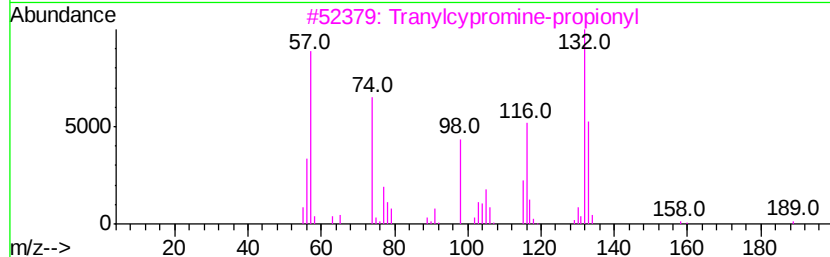
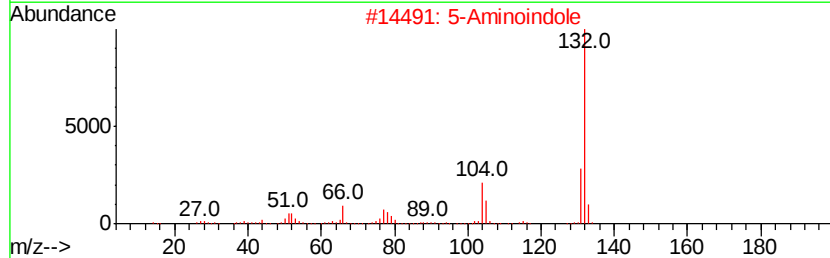
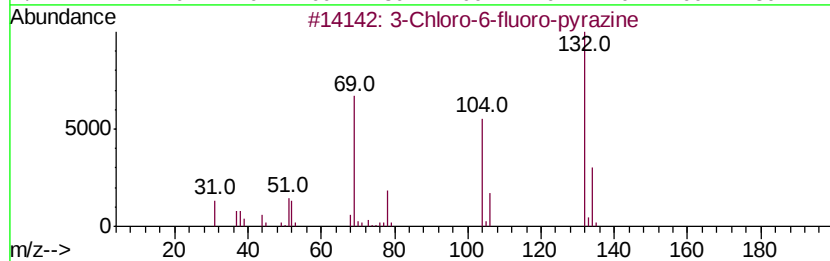
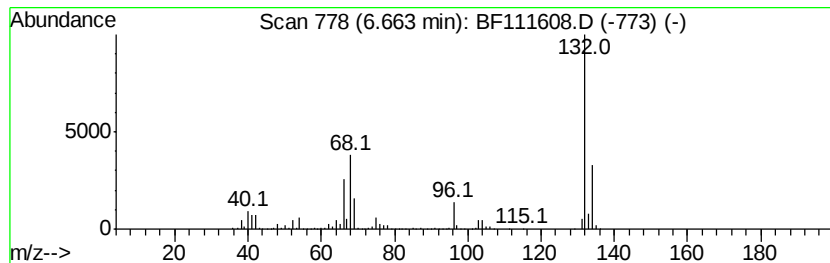
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	31.76 ng	1894920	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5			1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9



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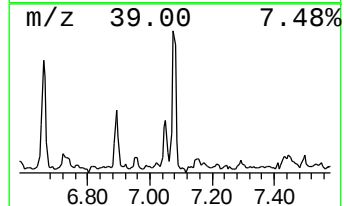
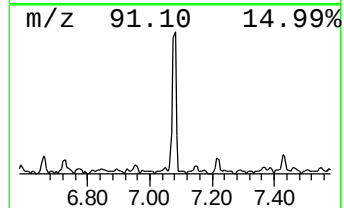
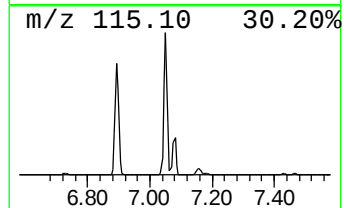
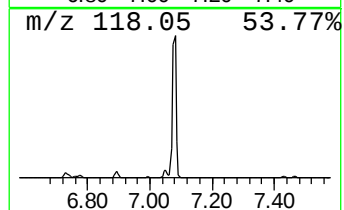
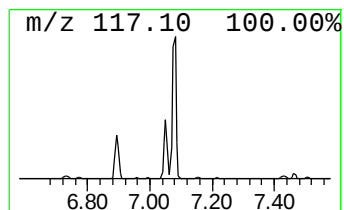
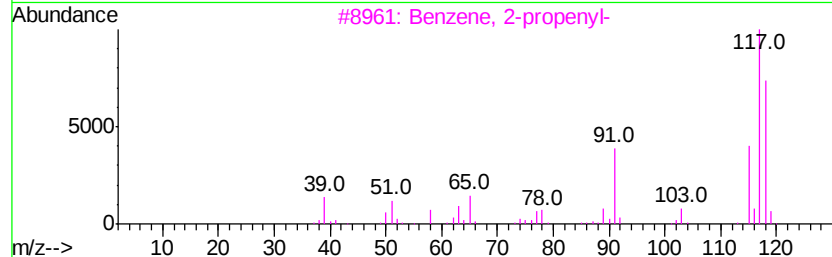
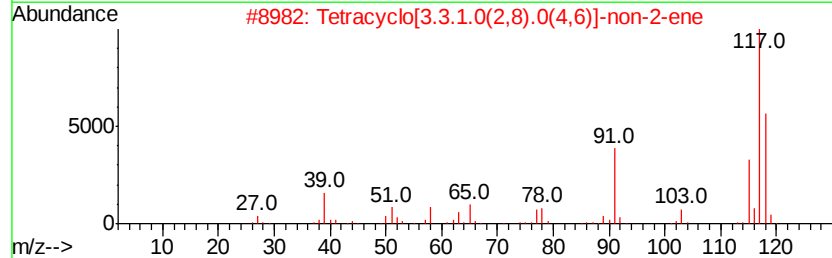
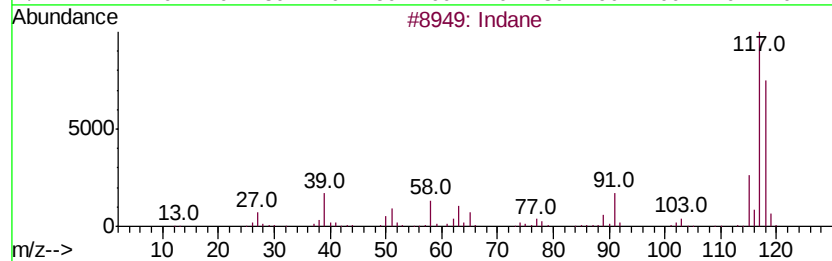
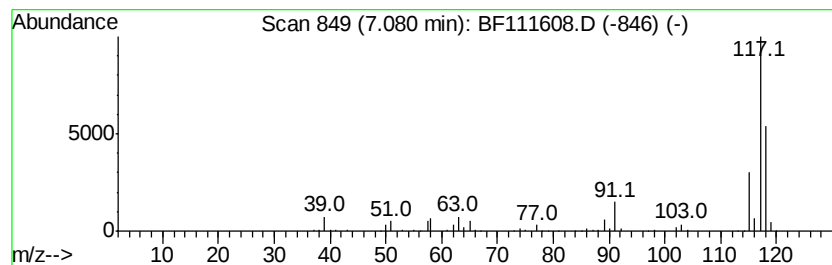
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Indane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.08	6.26 ng	373534	1,4-Dichlorobenzene-d4	6.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	80
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
4	1,3-Methanopentalene, 1,2,3,5-te	118	C9H10	128600-88-4	53
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	53



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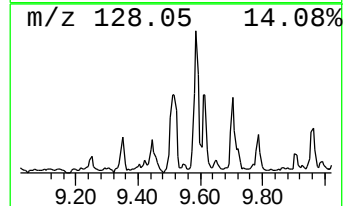
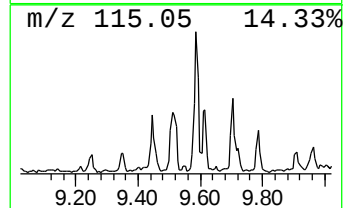
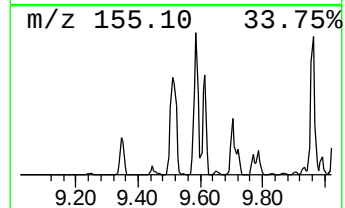
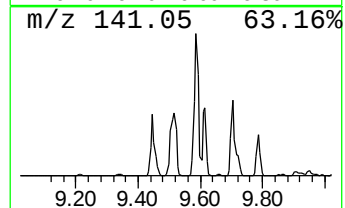
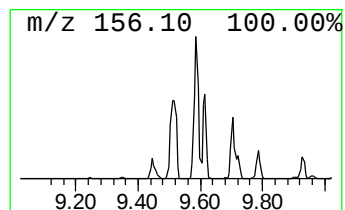
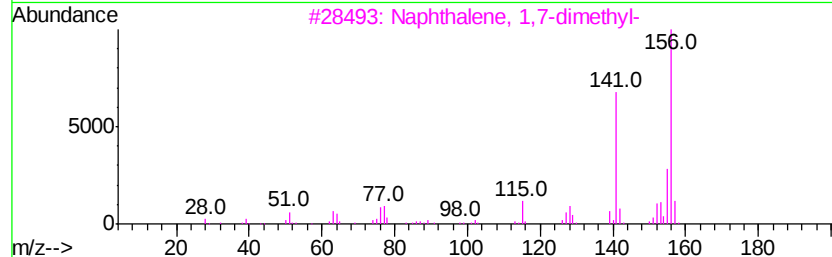
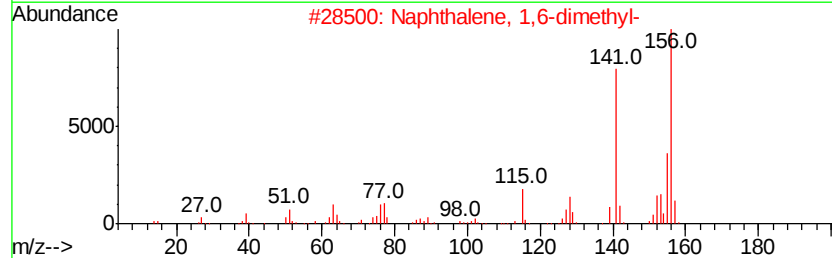
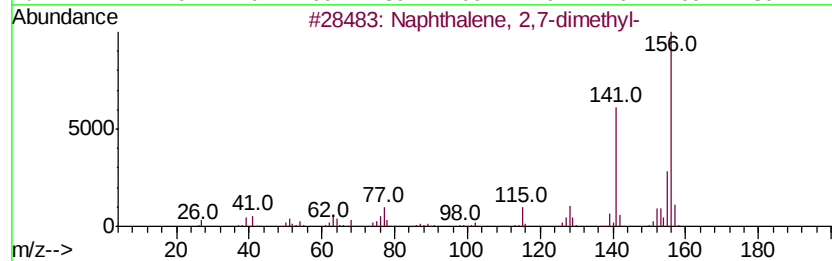
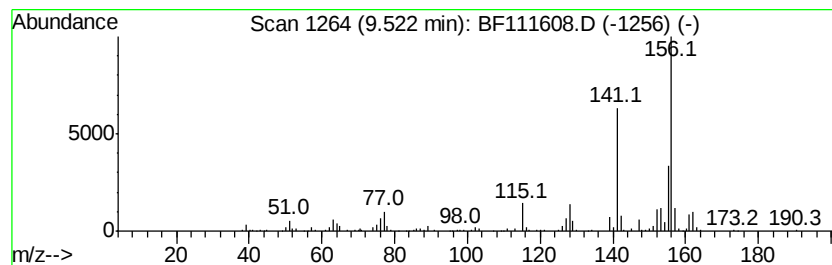
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.52	6.41 ng	504745	Acenaphthene-d10		9.93
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111608.D
Acq On : 19 Dec 2018 23:34
Operator : JU/SJ
Sample : J6195-09 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

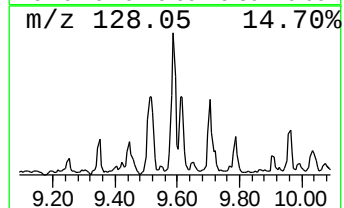
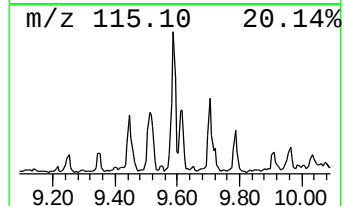
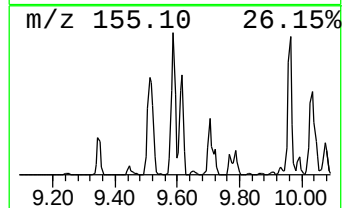
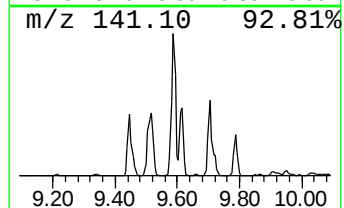
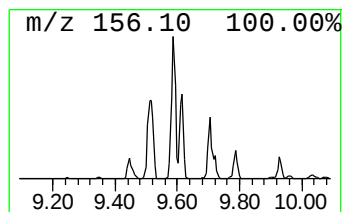
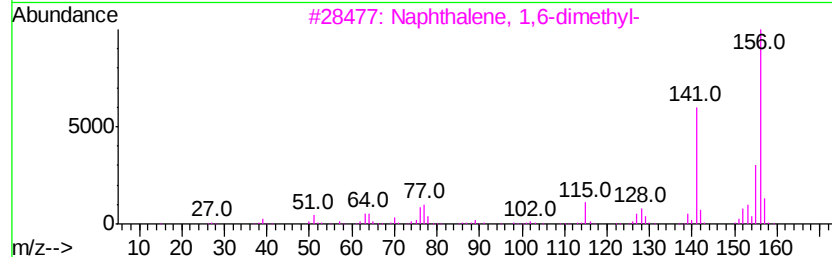
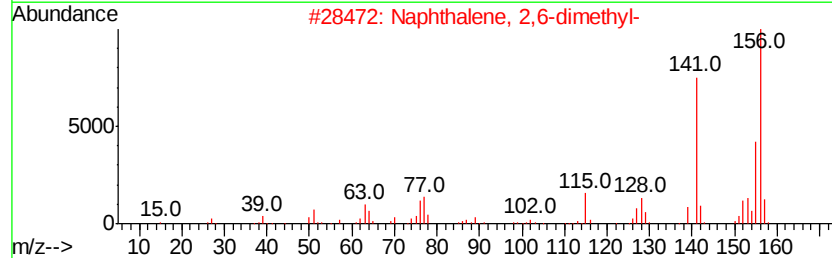
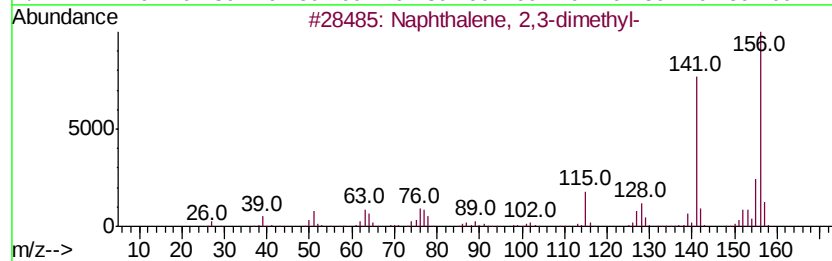
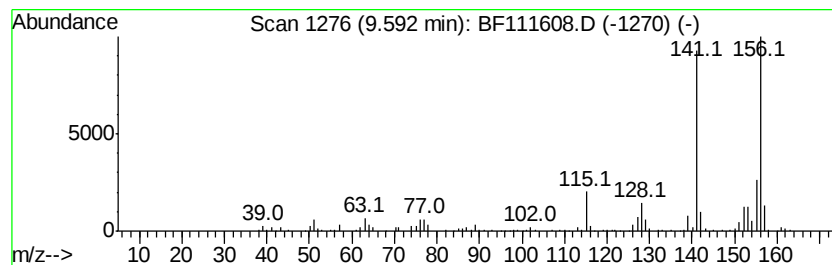
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.59	7.94 ng	625910	Acenaphthene-d10		9.93	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111608.D
Acq On : 19 Dec 2018 23:34
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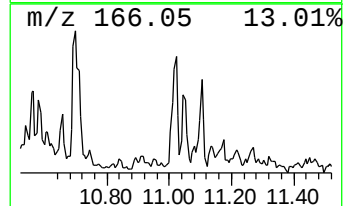
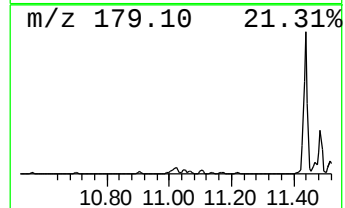
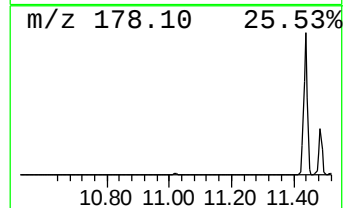
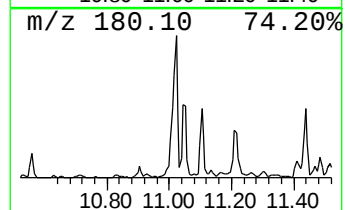
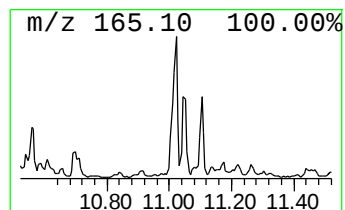
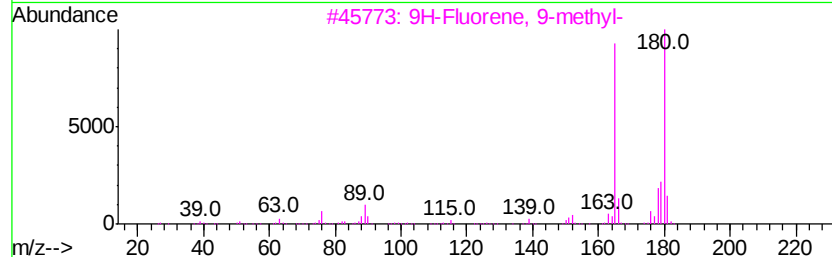
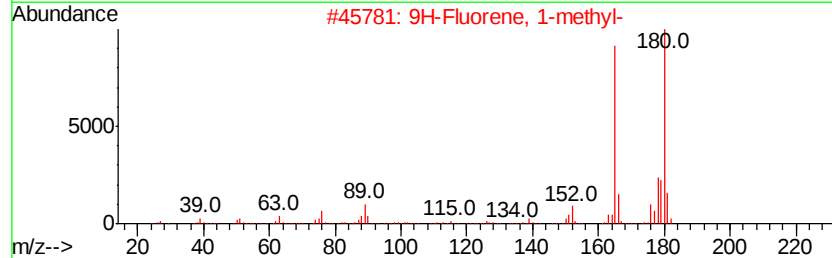
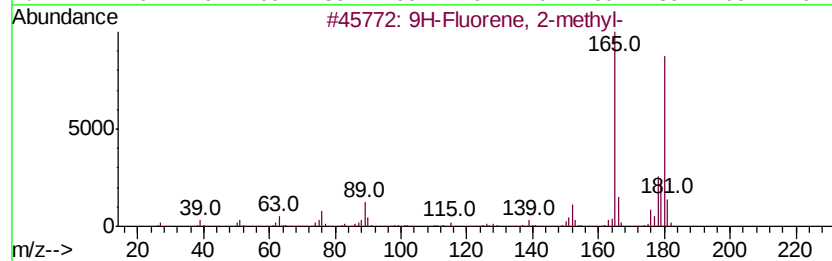
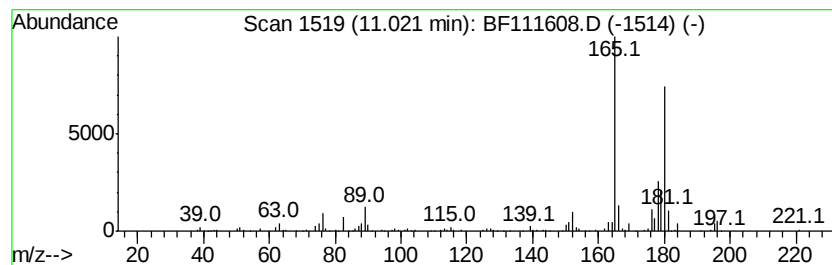
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9H-Fluorene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	3.93 ng	291677	Phenanthrene-d10	11.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	94
4			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
5			(E)-Stilbene	180	C14H12	000103-30-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111608.D
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Operator : JU/SJ
Sample : J6195-09 2X
Misc :
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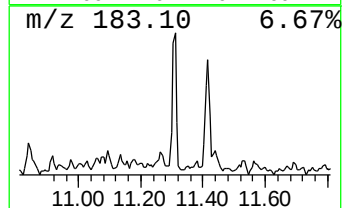
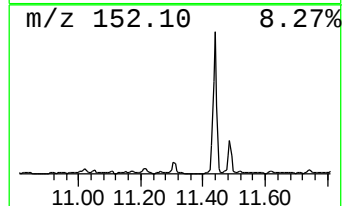
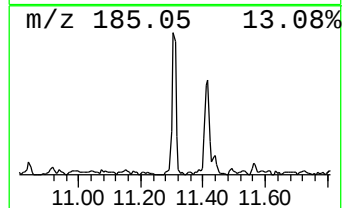
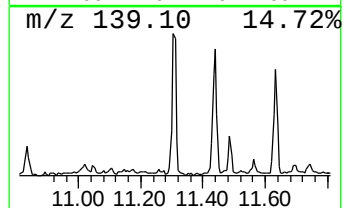
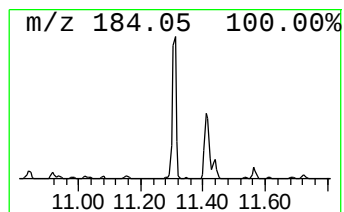
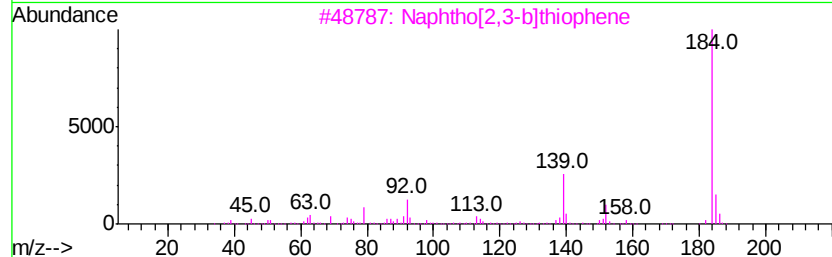
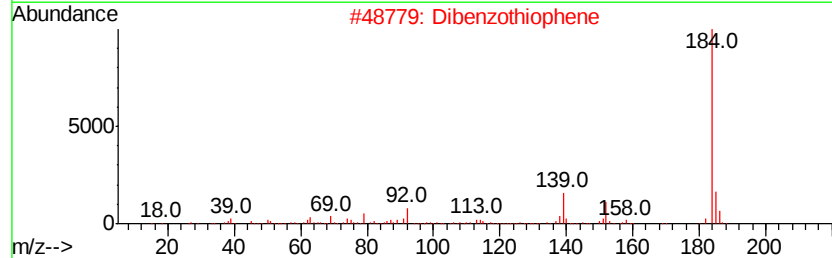
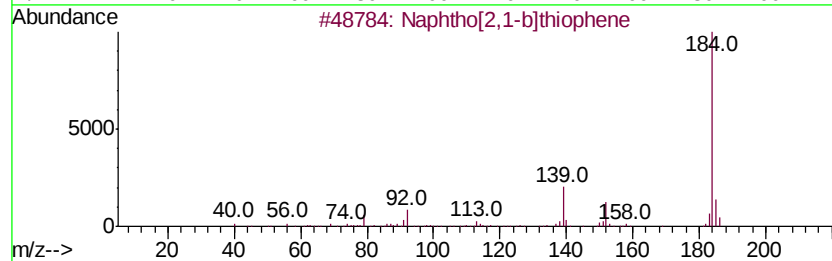
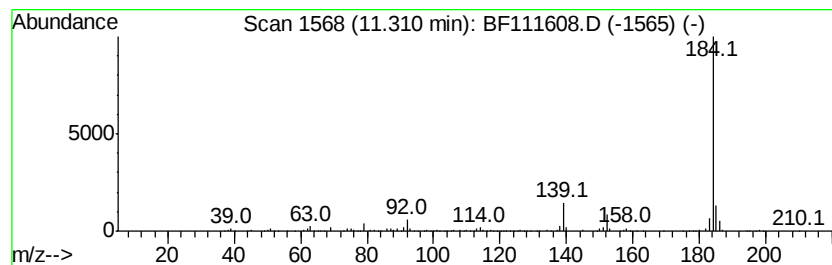
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphtho[2,1-b]thiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.31	6.33 ng	469744	Phenanthrene-d10		11.41
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111608.D
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Operator : JU/SJ
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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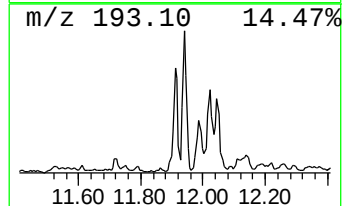
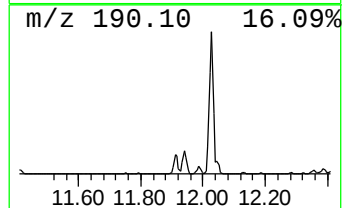
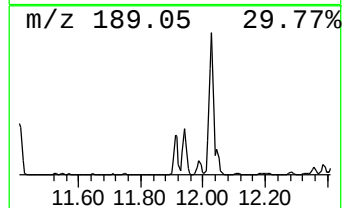
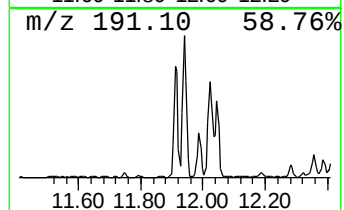
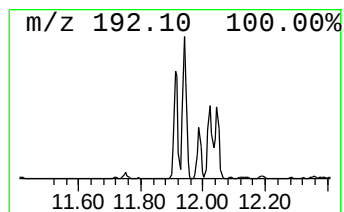
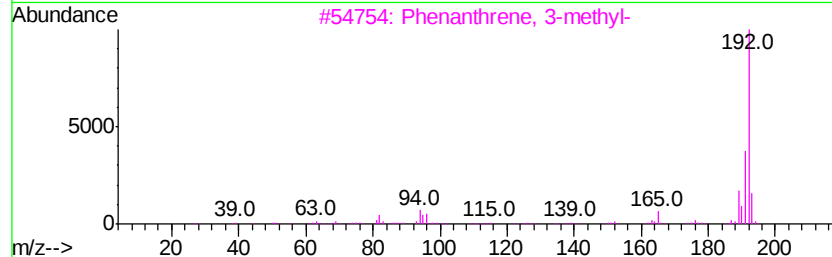
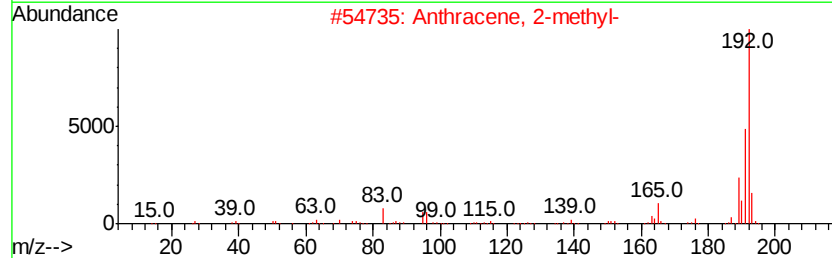
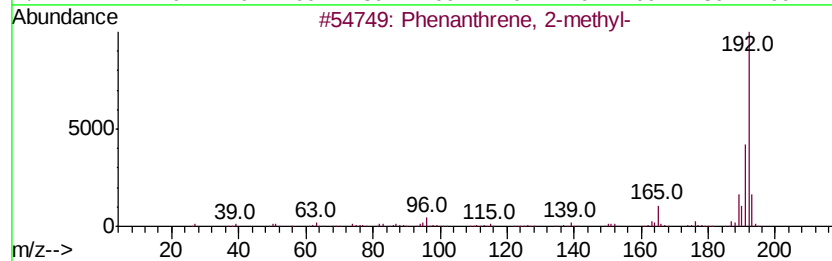
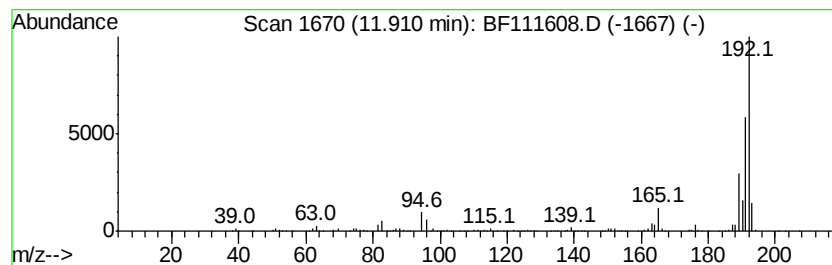
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	9.52 ng	706490	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111608.D
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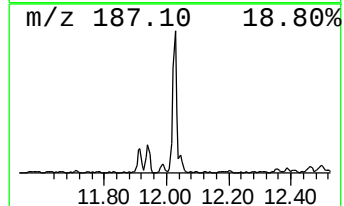
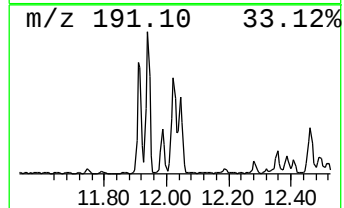
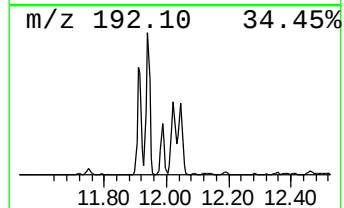
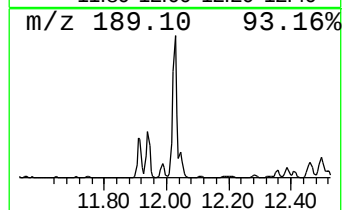
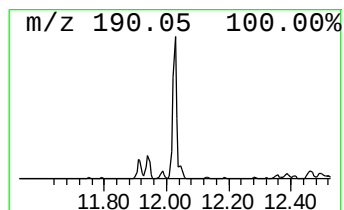
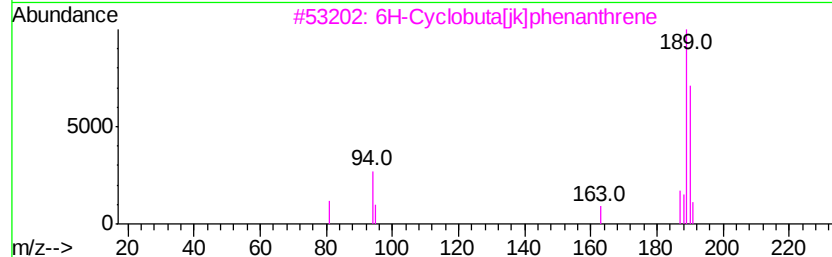
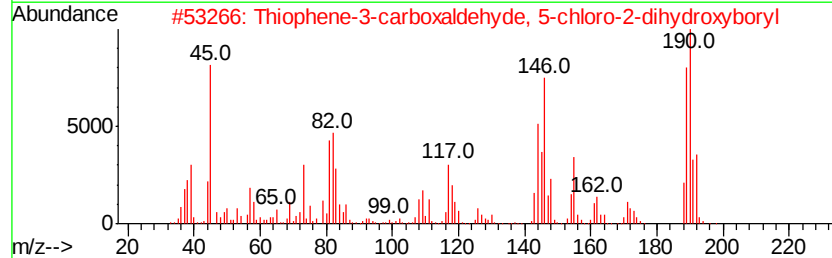
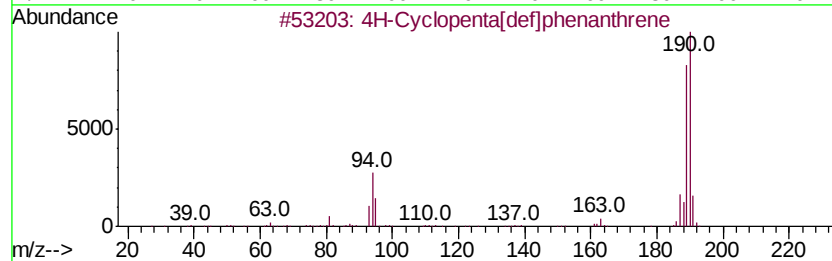
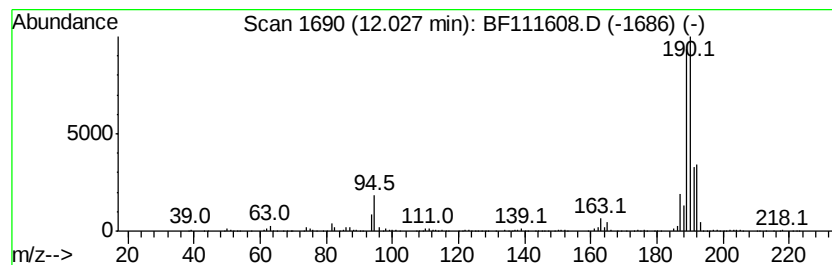
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	16.09 ng	1193480	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	50
4		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5		Methyl diselenide	190	C2H6Se2	007101-31-7	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
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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 Anthracene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	4.02 ng	298101	Phenanthrene-d10	11.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90

