

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032819\
 Data File : BF113387.D
 Acq On : 28 Mar 2019 21:30
 Operator : JU/SJ
 Sample : K1697-13 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-032719-A

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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	5.310	545	548	566	rBV	1625040	1770260	17.39%	1.974%
2	6.345	720	724	739	rBV	1992671	1932651	18.98%	2.155%
3	6.475	742	746	753	rVV	2030561	1928735	18.95%	2.151%
4	6.698	781	784	793	rBV	1105486	1039978	10.22%	1.160%
5	6.857	807	811	820	rVB	1747333	1509033	14.82%	1.683%
6	7.263	876	880	886	rBV	1285138	1097021	10.78%	1.223%
7	7.981	998	1002	1005	rBV	1601606	1602097	15.74%	1.787%
8	8.004	1005	1006	1010	rVB	419744	263189	2.59%	0.293%
9	8.486	1085	1088	1092	rBV2	131982	147096	1.44%	0.164%
10	8.586	1101	1105	1108	rBV	427376	372397	3.66%	0.415%
11	8.698	1118	1124	1128	rVB	412662	435312	4.28%	0.485%
12	8.792	1136	1140	1147	rBV2	490328	577793	5.68%	0.644%
13	9.057	1181	1185	1190	rBV	2616391	2202945	21.64%	2.457%
14	9.151	1197	1201	1205	rBV2	520311	542115	5.32%	0.605%
15	9.251	1216	1218	1224	rVB	96069	145066	1.42%	0.162%
16	9.328	1224	1231	1234	rBV	239296	392316	3.85%	0.437%
17	9.392	1237	1242	1245	rVV	409225	515723	5.07%	0.575%
18	9.422	1245	1247	1249	rVV	297952	261428	2.57%	0.292%
19	9.451	1249	1252	1257	rVV2	272747	477845	4.69%	0.533%
20	9.510	1260	1262	1267	rVB3	204870	301763	2.96%	0.337%
21	9.592	1273	1276	1282	rVB	303285	269382	2.65%	0.300%
22	9.675	1287	1290	1293	rBV	615843	458812	4.51%	0.512%
23	9.733	1294	1300	1303	rBV	1859143	1766248	17.35%	1.970%
24	9.763	1303	1305	1309	rVB	547856	461764	4.54%	0.515%
25	9.839	1315	1318	1322	rVB3	117839	154841	1.52%	0.173%
26	9.910	1327	1330	1332	rVV3	110432	158433	1.56%	0.177%
27	9.939	1332	1335	1338	rVV	474988	495197	4.86%	0.552%
28	9.975	1338	1341	1343	rVV2	169876	205634	2.02%	0.229%
29	9.998	1343	1345	1349	rVV4	146635	160532	1.58%	0.179%
30	10.051	1349	1354	1357	rVV3	153248	216173	2.12%	0.241%
31	10.175	1371	1375	1378	rVB	582925	510758	5.02%	0.570%
32	10.280	1389	1393	1399	rBV	856405	924599	9.08%	1.031%
33	10.339	1399	1403	1405	rBV2	118692	150229	1.48%	0.168%
34	10.392	1409	1412	1415	rVV	263360	277494	2.73%	0.309%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.433	1417	1419	1424	rVB2	172490	212411	2.09%	0.237%
36	10.516	1429	1433	1438	rBV	1468782	1556216	15.29%	1.735%
37	10.645	1452	1455	1462	rVB	729324	779768	7.66%	0.870%
38	10.822	1481	1485	1488	rVV2	222600	339028	3.33%	0.378%
39	10.851	1488	1490	1492	rVV	247808	227733	2.24%	0.254%
40	10.904	1496	1499	1502	rVB3	164800	159269	1.56%	0.178%
41	11.092	1528	1531	1532	rVV	545068	513787	5.05%	0.573%
42	11.110	1532	1534	1541	rVB2	358174	514490	5.05%	0.574%
43	11.210	1548	1551	1553	rBV	1551942	1520485	14.94%	1.696%
44	11.239	1553	1556	1559	rVV	3719676	3231442	31.74%	3.604%
45	11.286	1559	1564	1568	rVV	860360	808388	7.94%	0.901%
46	11.439	1587	1590	1593	rBV	262064	249411	2.45%	0.278%
47	11.516	1599	1603	1605	rBV2	480284	518474	5.09%	0.578%
48	11.539	1605	1607	1613	rVB3	332878	333590	3.28%	0.372%
49	11.616	1616	1620	1623	rBV	5010660	4479330	44.00%	4.995%
50	11.710	1633	1636	1639	rBV	699150	648329	6.37%	0.723%
51	11.739	1639	1641	1647	rVV2	881394	1324235	13.01%	1.477%
52	11.786	1647	1649	1651	rVV	258230	204951	2.01%	0.229%
53	11.822	1651	1655	1657	rVV	1018191	996574	9.79%	1.111%
54	11.845	1657	1659	1664	rVB	522659	486423	4.78%	0.542%
55	11.916	1665	1671	1674	rBV2	429340	563899	5.54%	0.629%
56	12.004	1683	1686	1689	rBV	390405	359644	3.53%	0.401%
57	12.033	1689	1691	1696	rVB4	131257	138453	1.36%	0.154%
58	12.257	1726	1729	1732	rBV	402131	387404	3.81%	0.432%
59	12.304	1732	1737	1739	rBV	6741900	10180646	100.00%	11.353%
60	12.333	1739	1742	1747	rVV	7375068	9470752	93.03%	10.561%
61	12.404	1750	1754	1755	rBV	2289054	1966820	19.32%	2.193%
62	12.421	1755	1757	1760	rVV	2297533	1838774	18.06%	2.051%
63	12.457	1761	1763	1766	rVB2	390872	313080	3.08%	0.349%
64	12.533	1773	1776	1780	rBV	916293	844370	8.29%	0.942%
65	12.651	1790	1796	1798	rBV	2425659	2877746	28.27%	3.209%
66	12.674	1798	1800	1803	rVB2	365867	298096	2.93%	0.332%
67	12.792	1814	1820	1823	rBV	2009783	1860393	18.27%	2.075%
68	12.868	1829	1833	1836	rBV2	233323	349868	3.44%	0.390%
69	12.957	1844	1848	1849	rBV3	585622	585223	5.75%	0.653%
70	12.974	1849	1851	1854	rVV2	695235	618270	6.07%	0.689%
71	13.039	1858	1862	1865	rVV2	770574	989642	9.72%	1.104%

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72	13.080	1865	1869	1873	rVV2	356698	406867	4.00%	0.454%
73	13.121	1873	1876	1880	rVB	356304	335467	3.30%	0.374%
74	13.168	1881	1884	1887	rVB	260207	199079	1.96%	0.222%
75	13.198	1887	1889	1892	rBV	274544	223323	2.19%	0.249%
76	13.368	1916	1918	1921	rBV2	184951	177064	1.74%	0.197%
77	13.486	1936	1938	1945	rVB3	125984	164359	1.61%	0.183%
78	13.586	1953	1955	1958	rVV	173520	196703	1.93%	0.219%
79	13.616	1958	1960	1962	rVV	208019	171283	1.68%	0.191%
80	13.639	1962	1964	1970	rVV3	131350	196216	1.93%	0.219%
81	13.692	1971	1973	1976	rVB2	190241	181378	1.78%	0.202%
82	13.786	1986	1989	1991	rBV	262905	232022	2.28%	0.259%
83	13.839	1993	1998	2000	rVV2	1625521	2305211	22.64%	2.571%
84	13.863	2000	2002	2006	rVB	957941	836937	8.22%	0.933%
85	14.227	2061	2064	2067	rVB	260226	237309	2.33%	0.265%
86	14.315	2076	2079	2082	rVB3	261074	262252	2.58%	0.292%
87	14.351	2082	2085	2086	rBV	218305	220183	2.16%	0.246%
88	14.404	2091	2094	2095	rBV2	147122	138305	1.36%	0.154%
89	14.610	2126	2129	2131	rBV2	267771	297025	2.92%	0.331%
90	14.710	2142	2146	2152	rBV	361774	536576	5.27%	0.598%
91	14.851	2165	2170	2172	rBV	785178	1122183	11.02%	1.251%
92	14.921	2179	2182	2184	rVV	223675	225052	2.21%	0.251%
93	14.945	2184	2186	2190	rVB	157969	152395	1.50%	0.170%
94	15.127	2214	2217	2223	rVB	487824	606083	5.95%	0.676%
95	15.186	2223	2227	2232	rBV	799313	961944	9.45%	1.073%
96	15.245	2233	2237	2239	rVV	992707	1201889	11.81%	1.340%
97	15.268	2239	2241	2249	rVB2	451586	546538	5.37%	0.609%
98	15.662	2305	2308	2314	rVB	223582	294363	2.89%	0.328%
99	16.598	2462	2467	2473	rVB2	268965	466050	4.58%	0.520%
100	17.004	2533	2536	2543	rVB	179787	307411	3.02%	0.343%

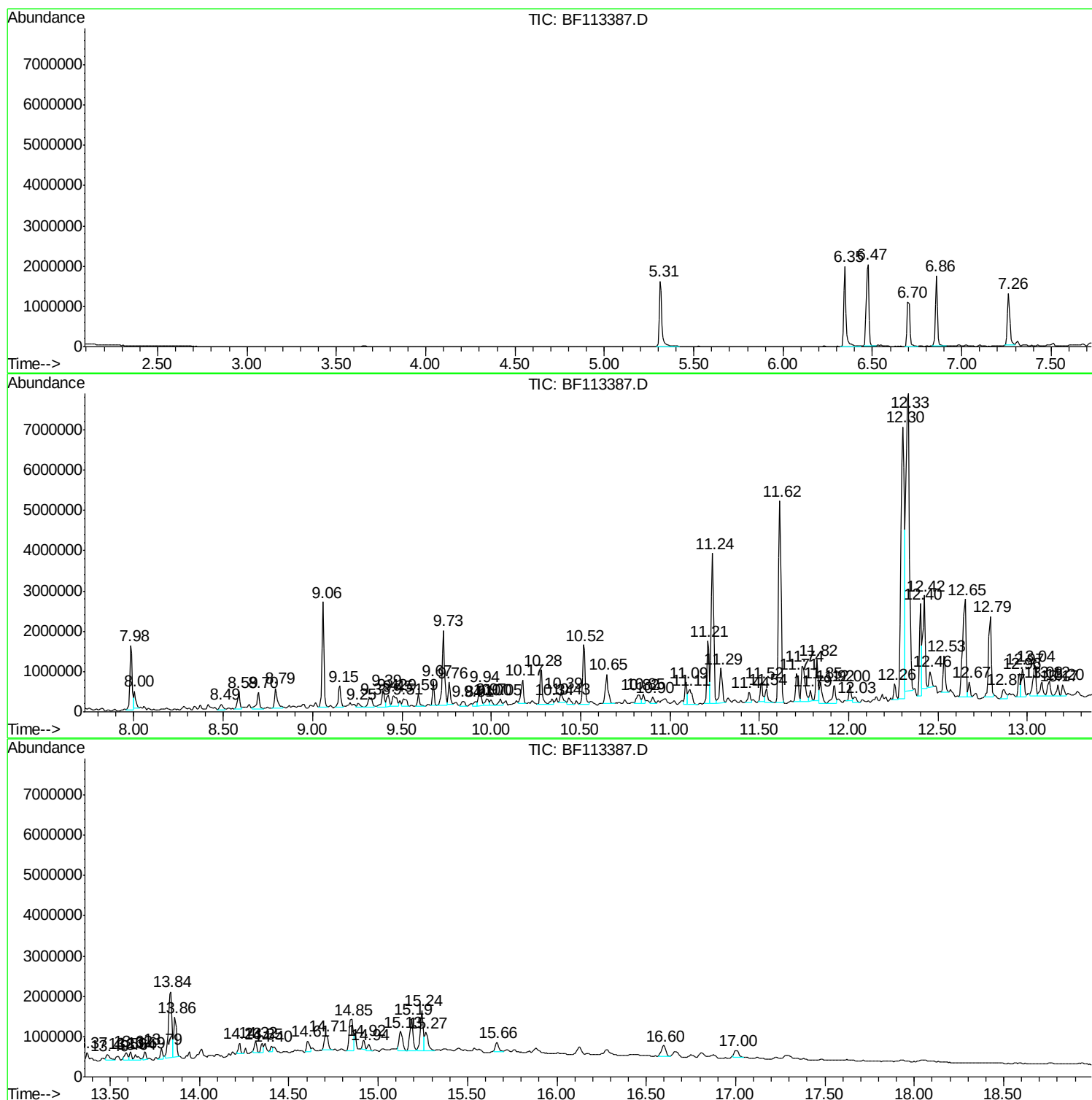
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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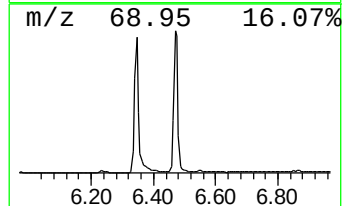
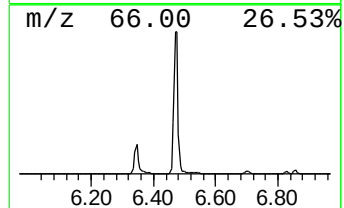
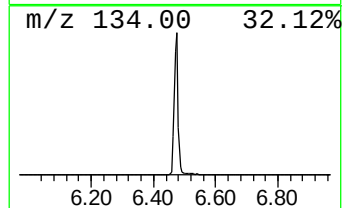
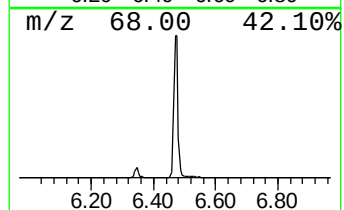
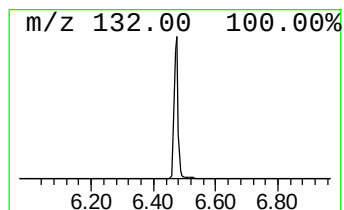
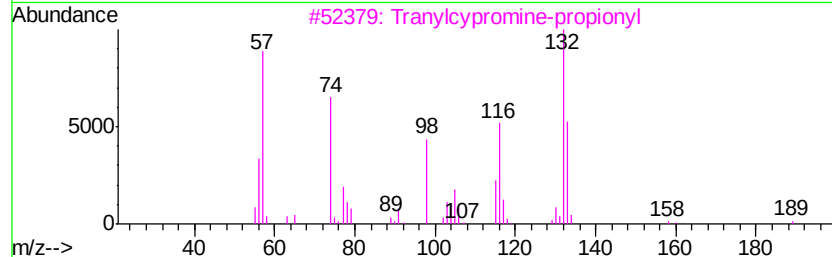
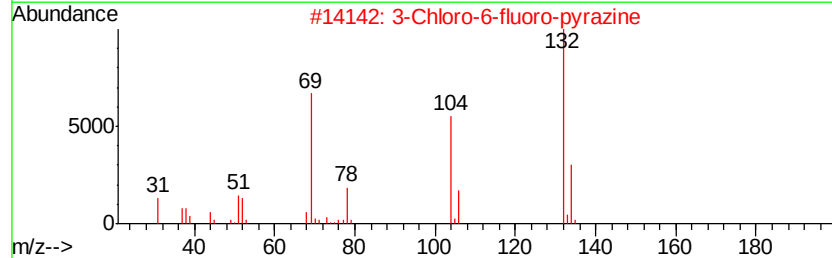
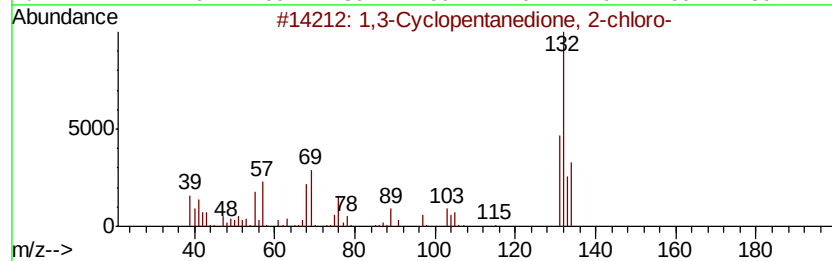
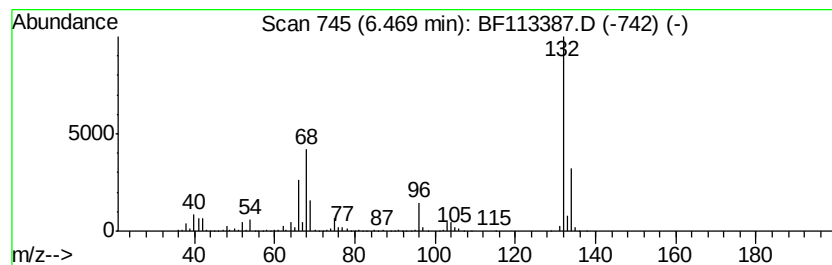
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.47 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	37.09 ng	1928740	1,4-Dichlorobenzene-d4	6.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	43
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	16
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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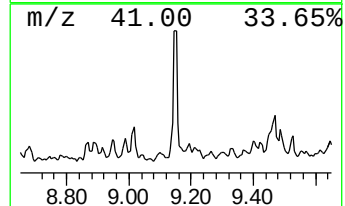
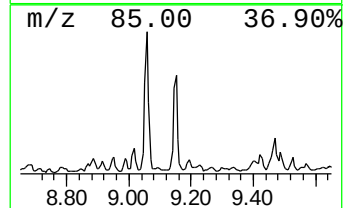
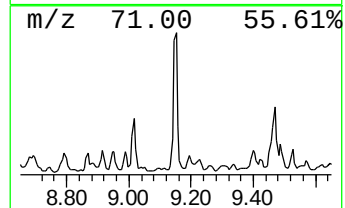
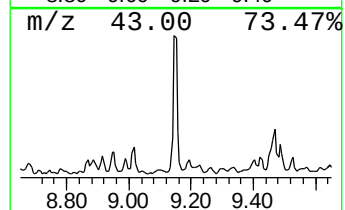
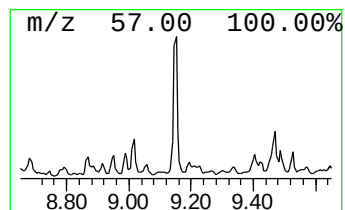
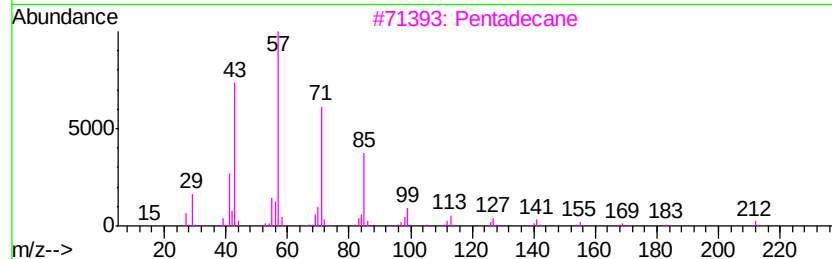
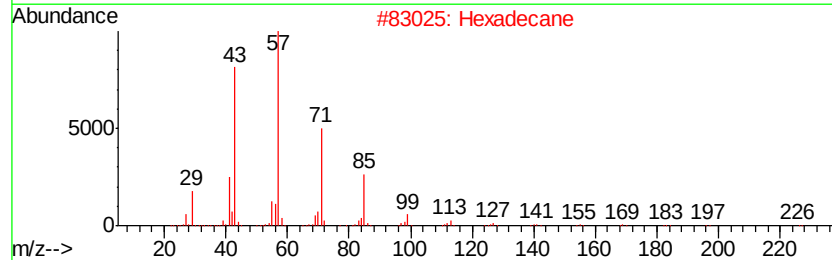
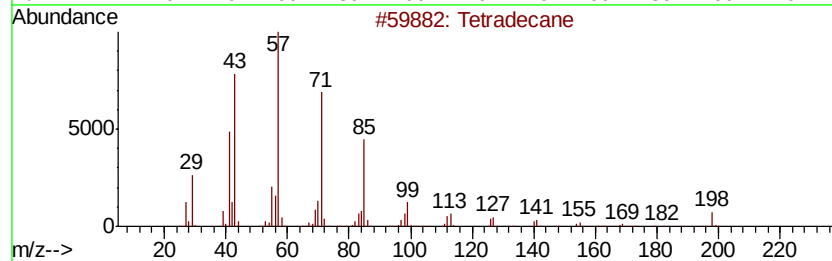
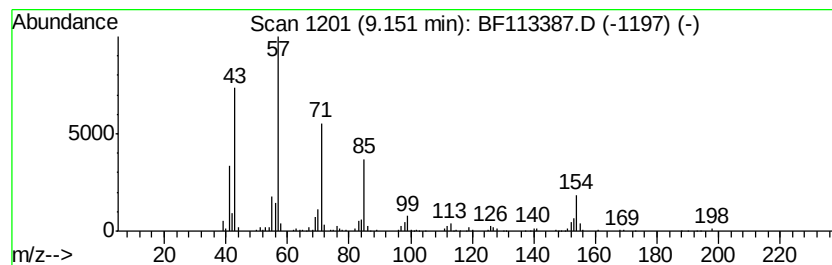
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tetradecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	6.14 ng	542115	Acenaphthene-d10	9.73

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	96
2		Hexadecane	226	C16H34	000544-76-3	64
3		Pentadecane	212	C15H32	000629-62-9	59
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	59
5		Decane, 3-bromo-	220	C10H21Br	030571-71-2	52



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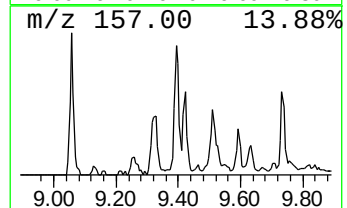
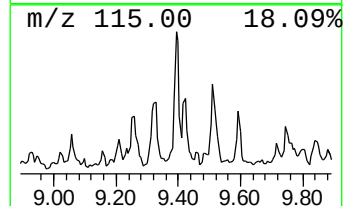
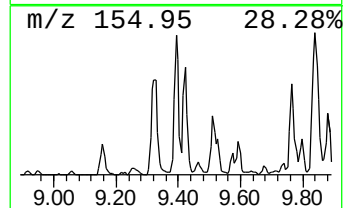
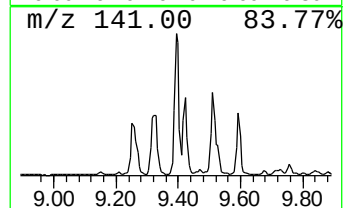
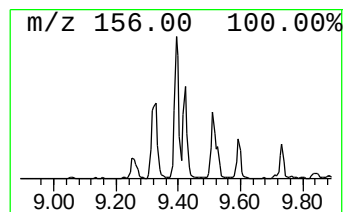
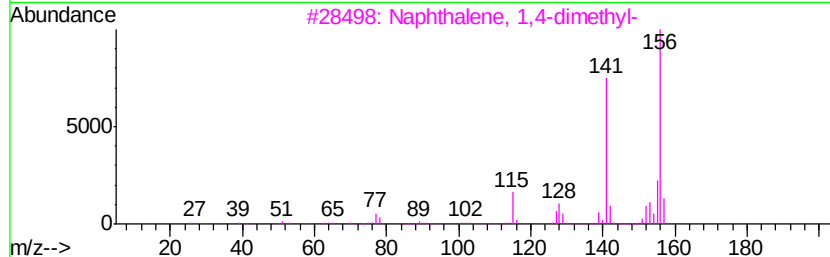
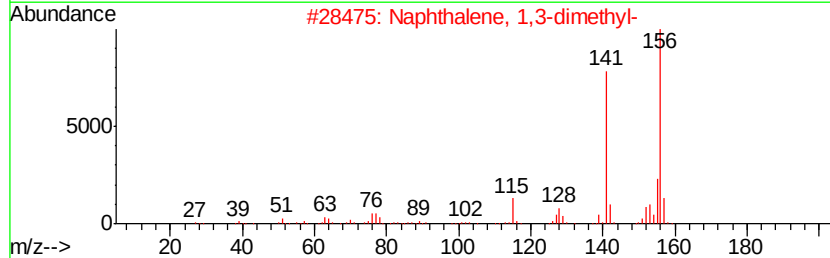
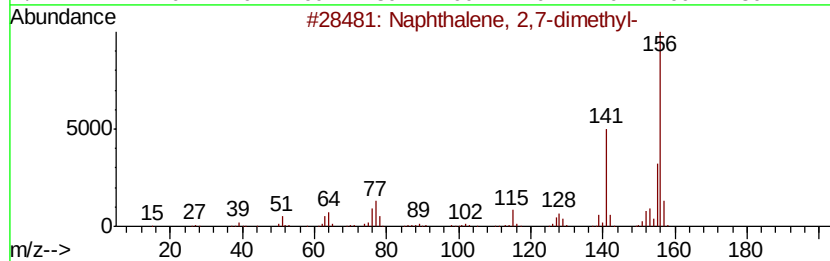
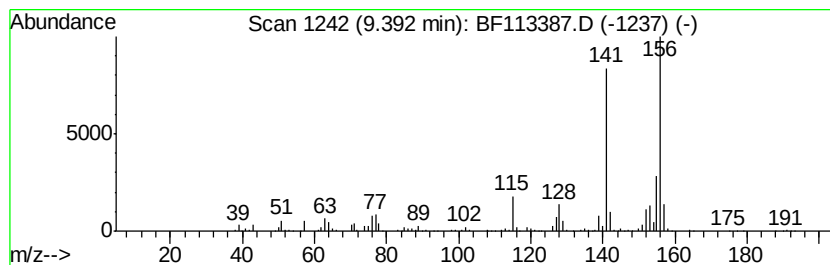
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.39	5.84 ng	515723	Acenaphthene-d10	9.73	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
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Operator : JU/SJ
Sample : K1697-13 2X
Misc :
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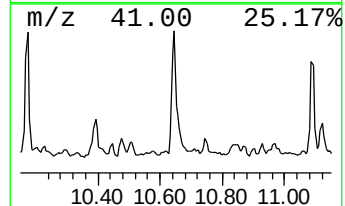
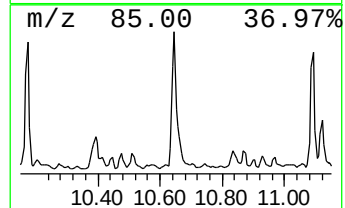
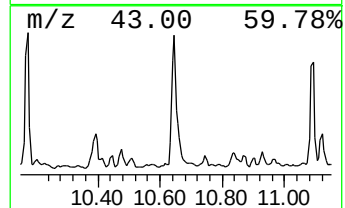
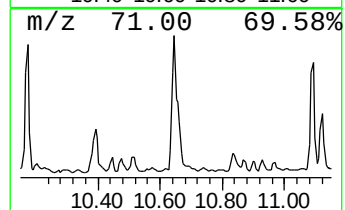
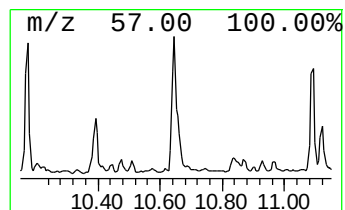
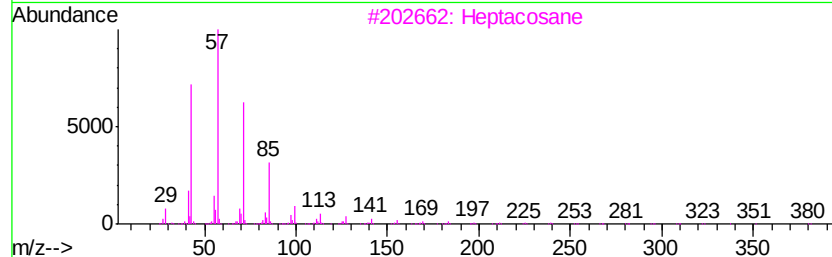
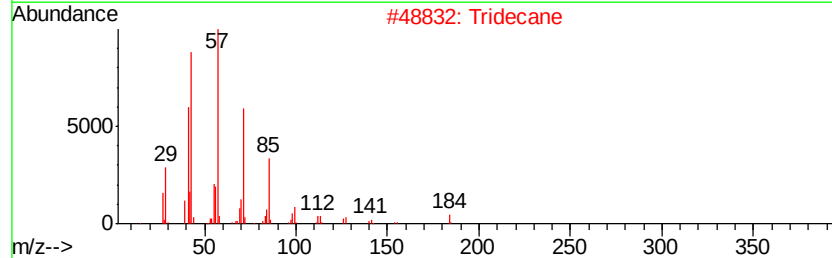
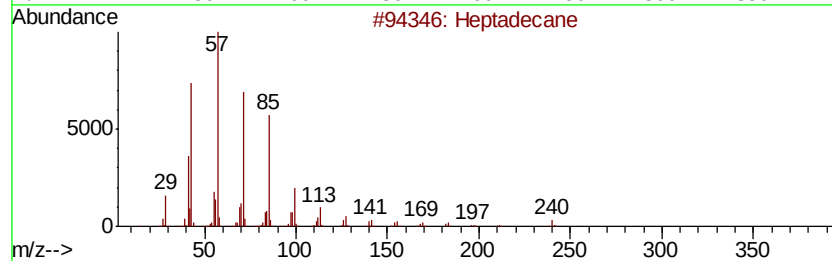
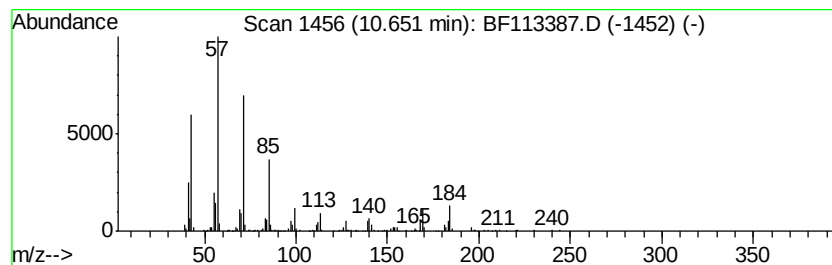
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	10.26 ng	779768	Phenanthrene-d10	11.21
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane	240 C17H36	000629-78-7	95
2	Tridecane	184 C13H28	000629-50-5	80
3	Heptacosane	380 C27H56	000593-49-7	74
4	Hexadecane	226 C16H34	000544-76-3	64
5	Heneicosane	296 C21H44	000629-94-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
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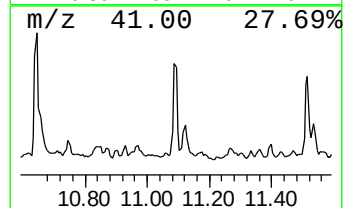
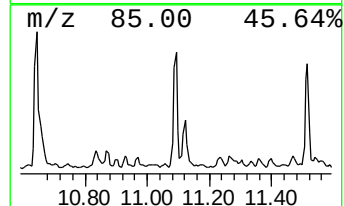
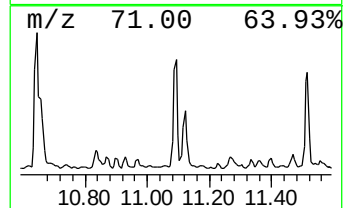
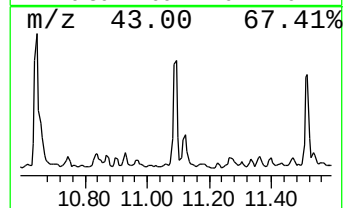
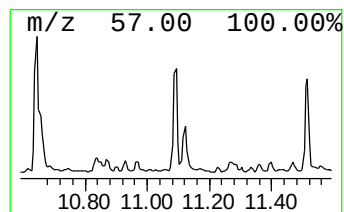
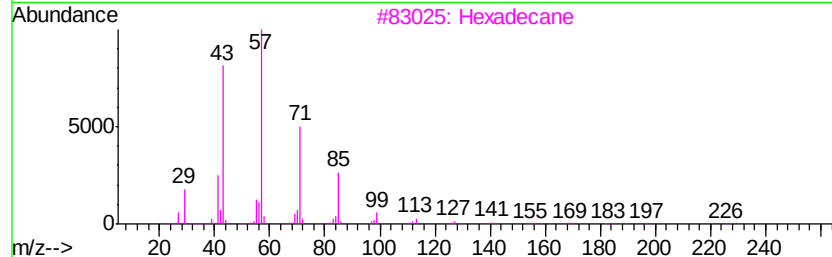
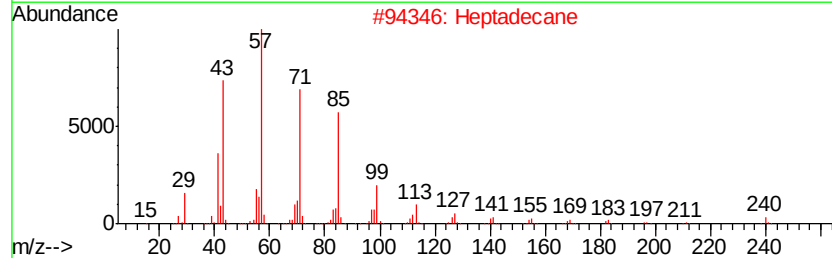
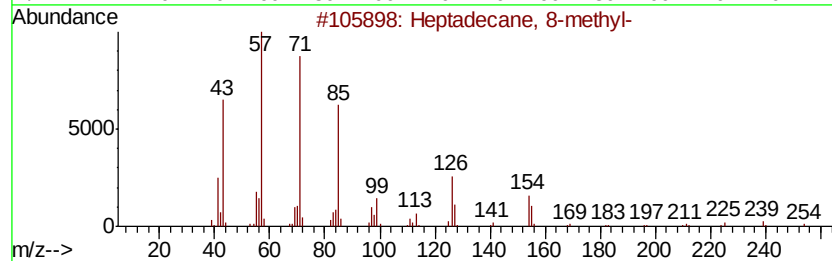
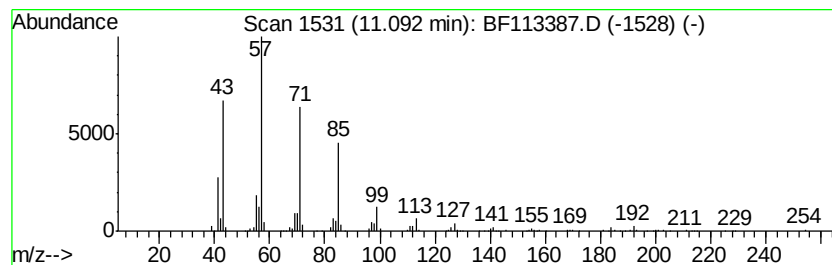
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptadecane, 8-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.09	6.76 ng	513787	Phenanthrene-d10		11.21
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113387.D
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Sample : K1697-13 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

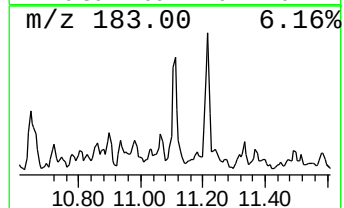
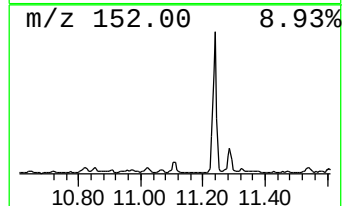
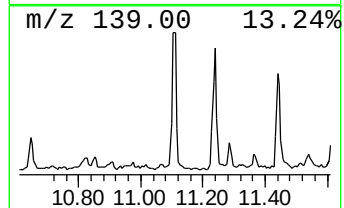
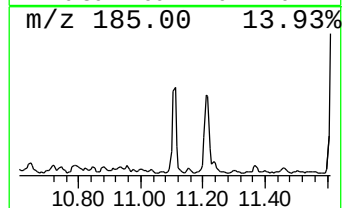
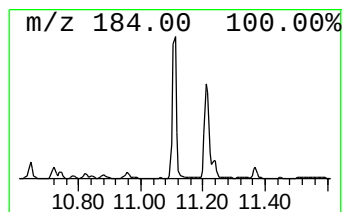
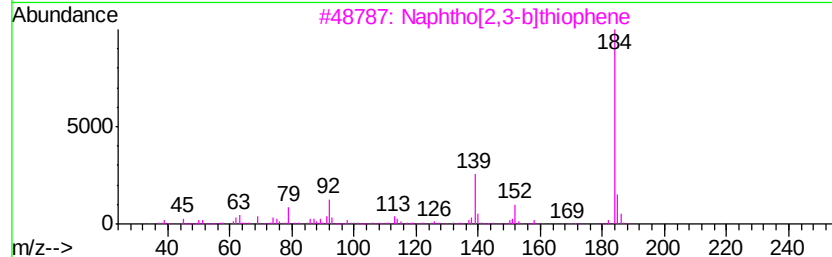
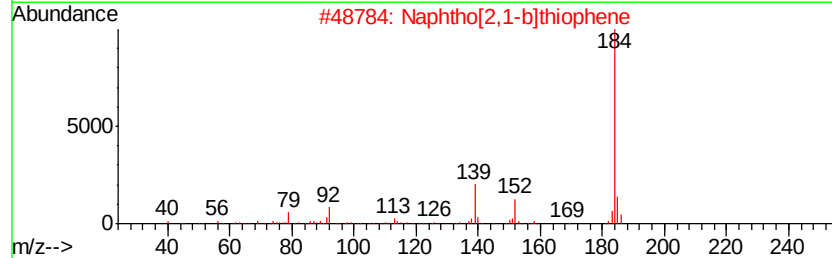
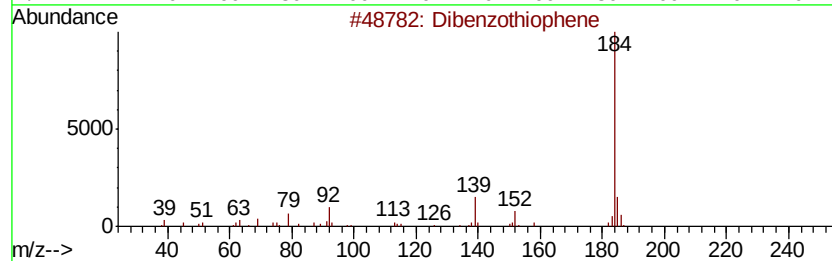
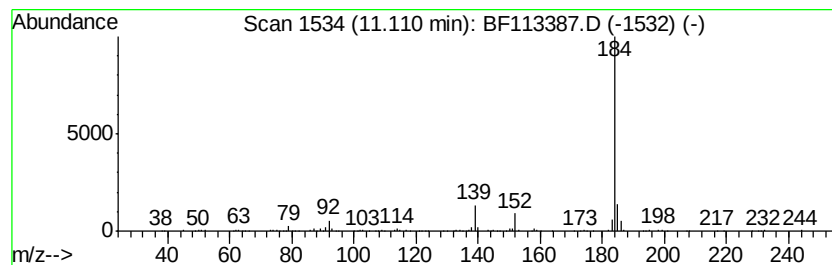
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.11	6.77 ng	514490	Phenanthrene-d10		11.21
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90
5	Thianthrene, 5-oxide	232	C12H8OS2	002362-50-7	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113387.D
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Sample : K1697-13 2X
Misc :
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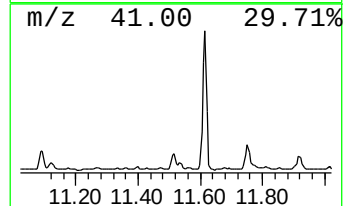
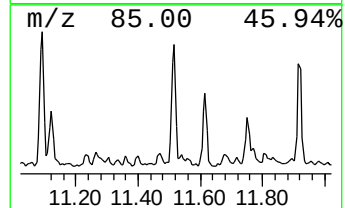
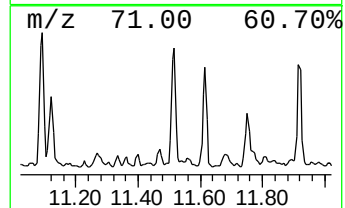
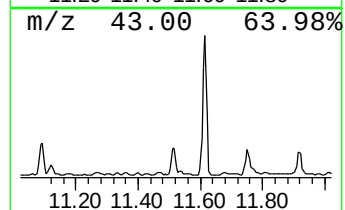
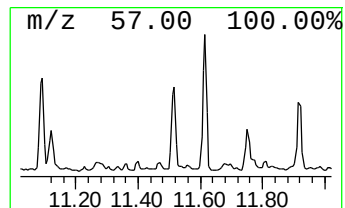
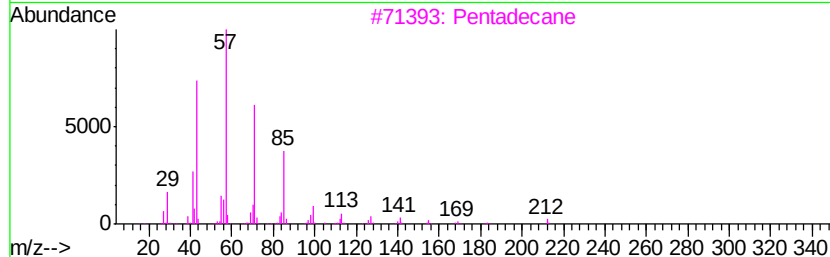
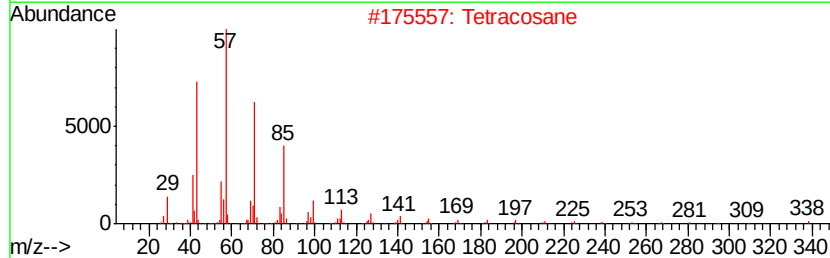
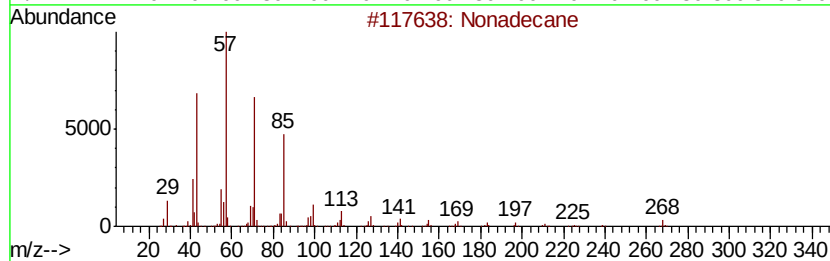
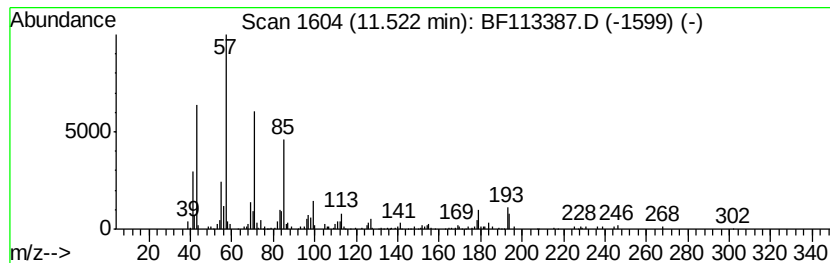
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.52	6.82 ng	518474	Phenanthrene-d10	11.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	97
2	Tetracosane	338	C24H50	000646-31-1	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5	Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113387.D
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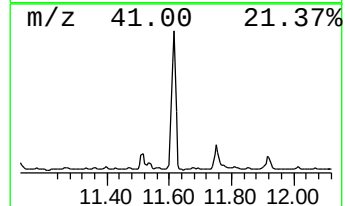
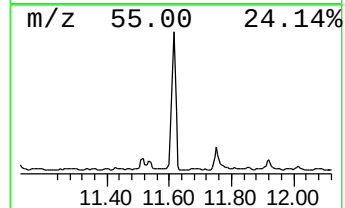
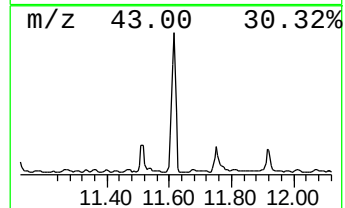
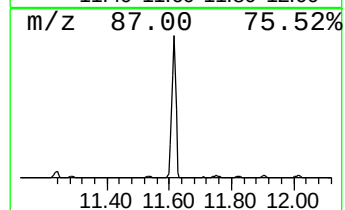
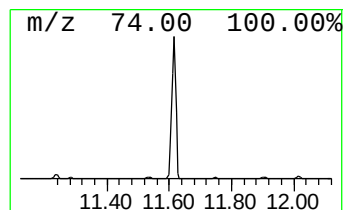
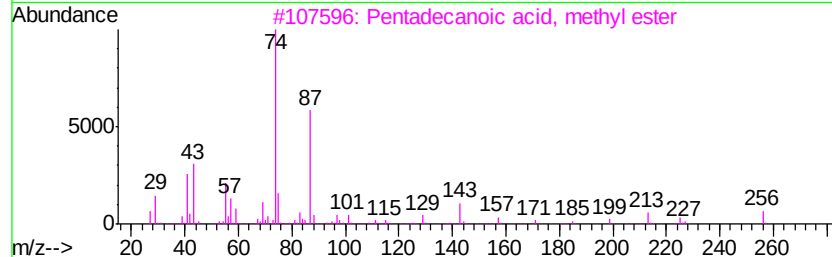
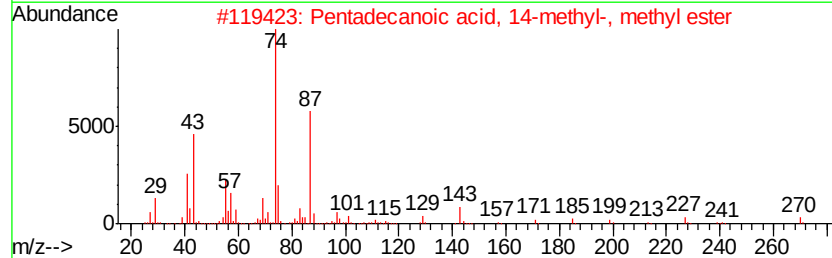
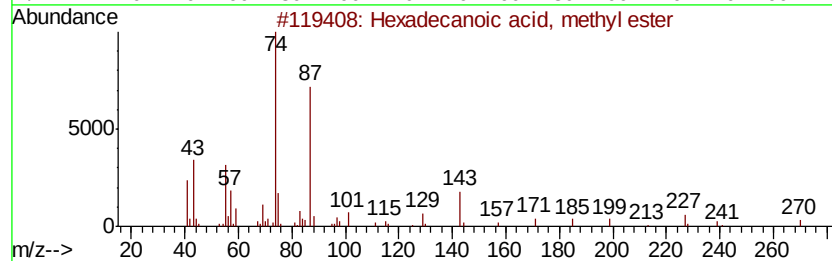
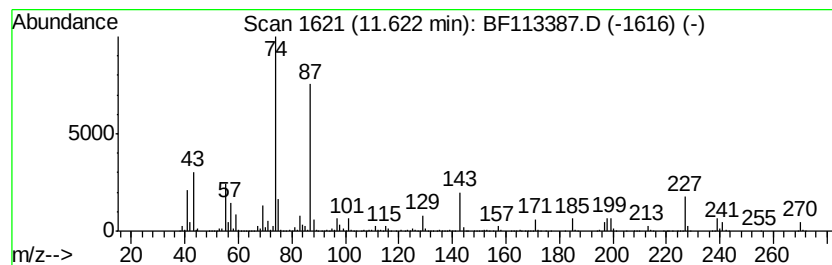
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	58.92 ng	4479330	Phenanthrene-d10	11.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	83
5		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
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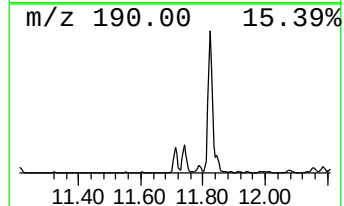
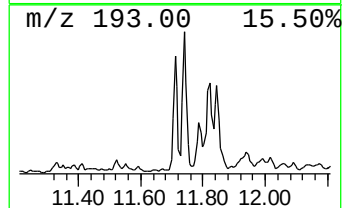
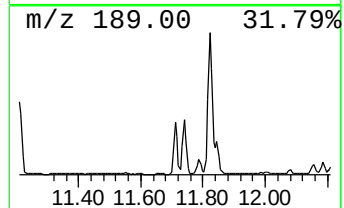
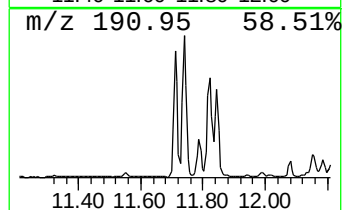
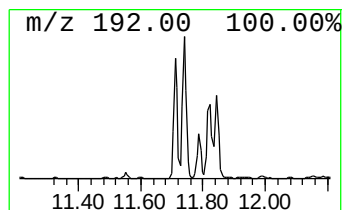
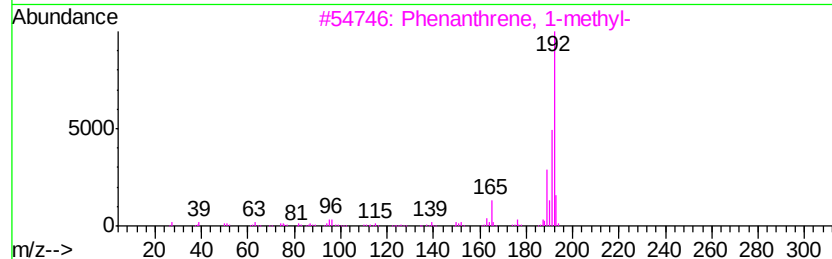
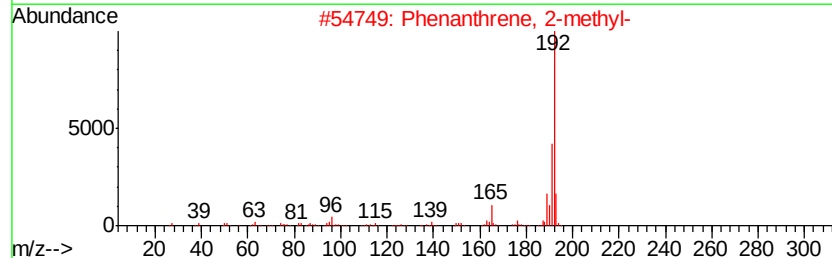
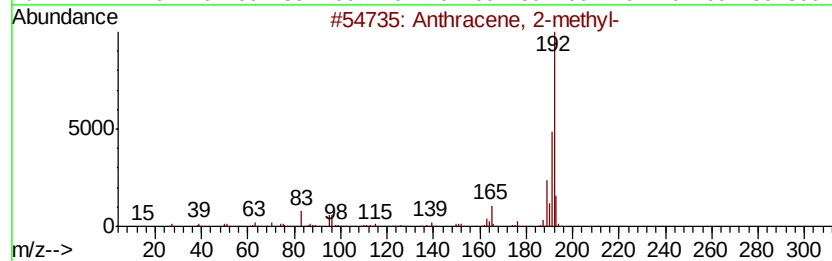
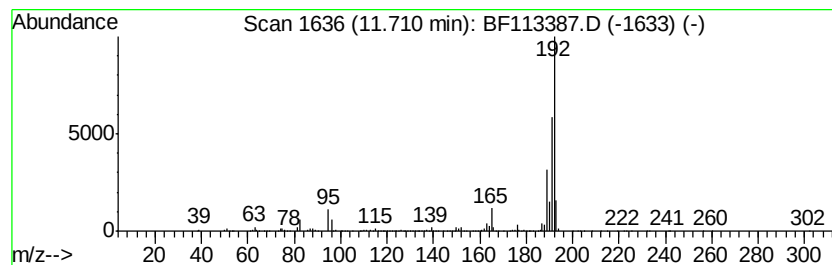
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.71	8.53 ng	648329	Phenanthrene-d10	11.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
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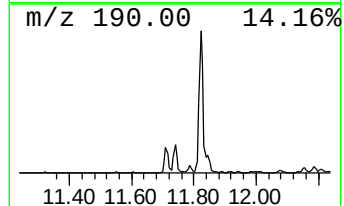
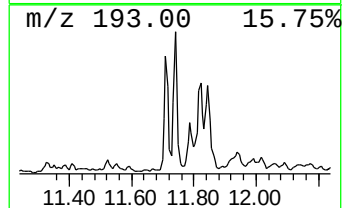
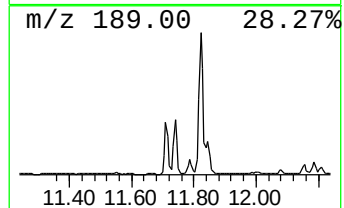
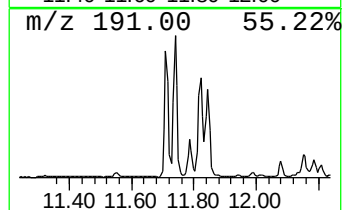
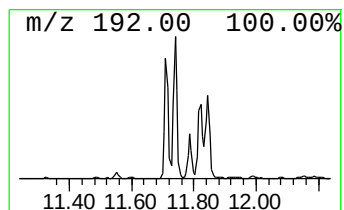
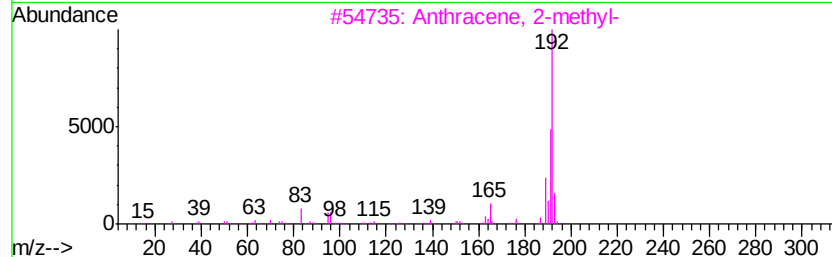
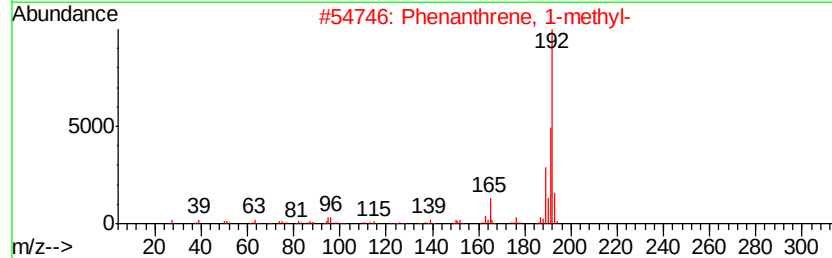
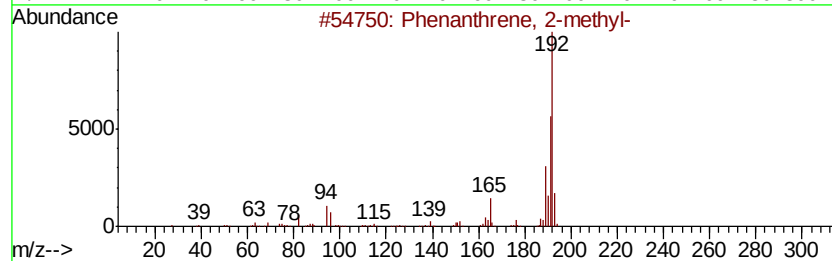
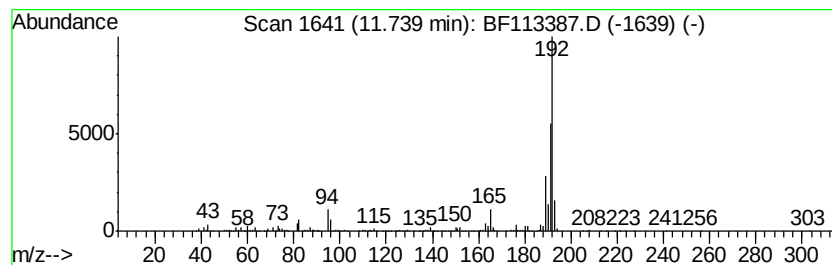
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	17.42 ng	1324240	Phenanthrene-d10	11.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
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Sample : K1697-13 2X
Misc :
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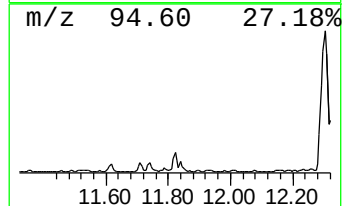
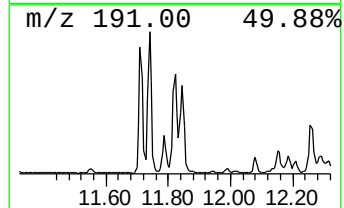
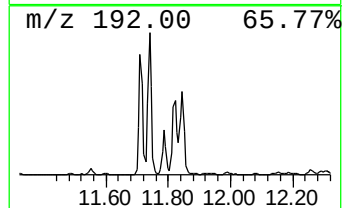
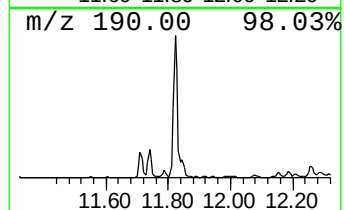
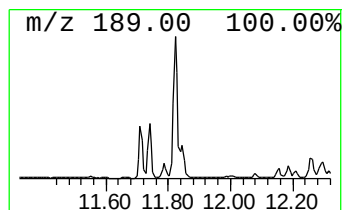
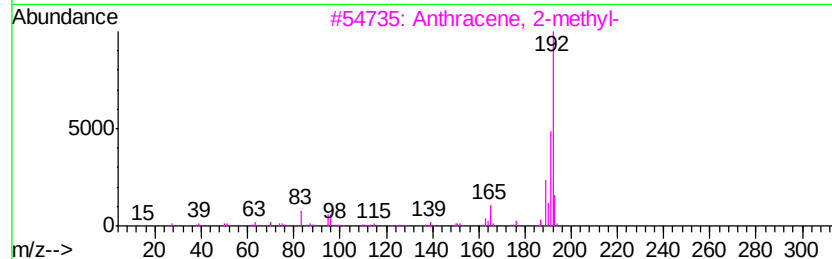
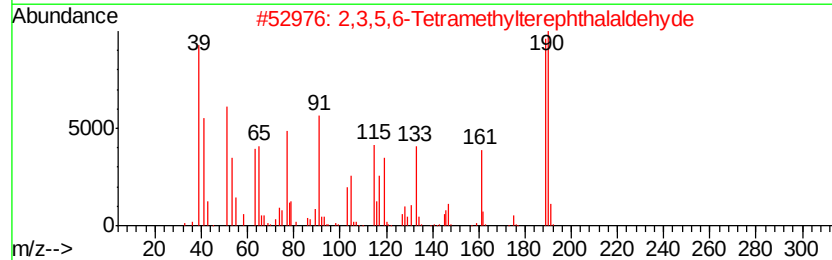
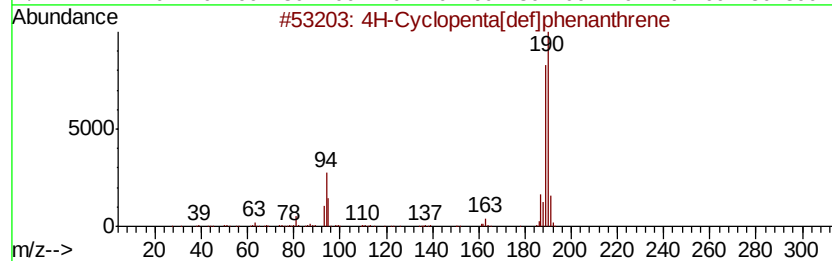
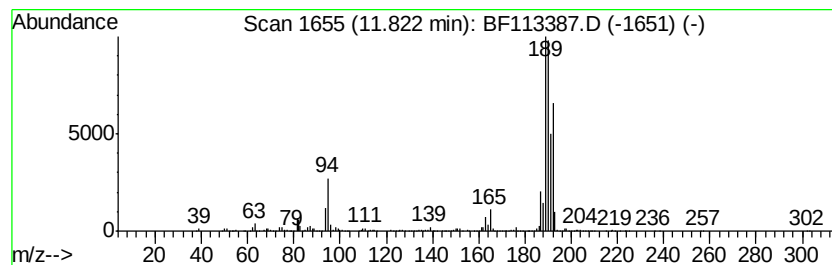
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.82	13.11 ng	996574	Phenanthrene-d10	11.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	20
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	20



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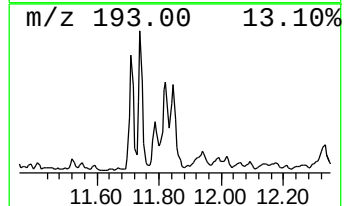
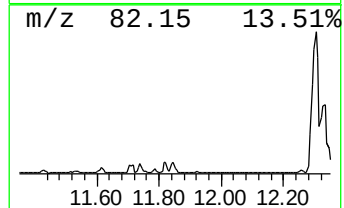
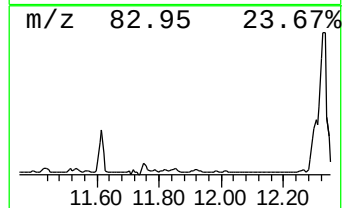
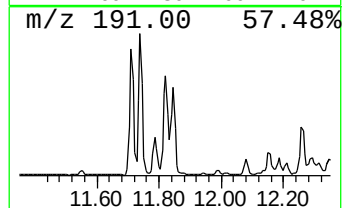
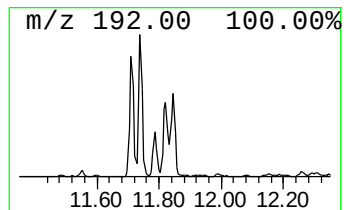
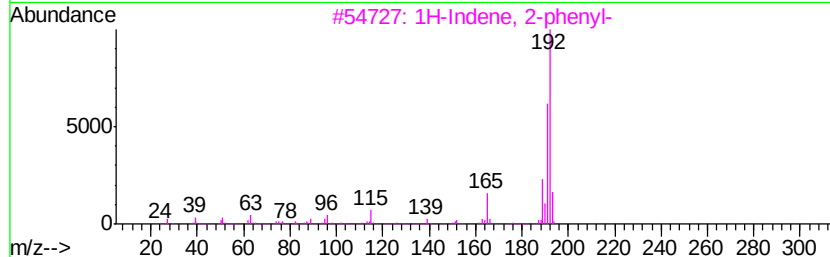
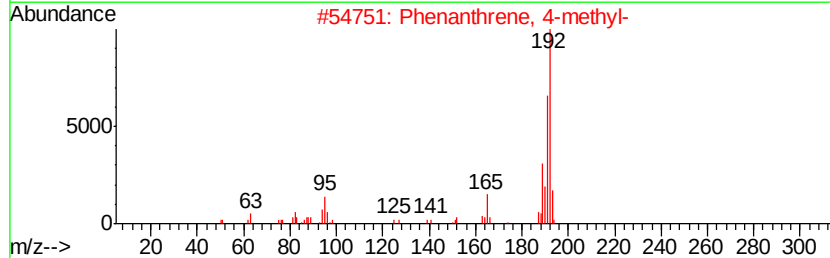
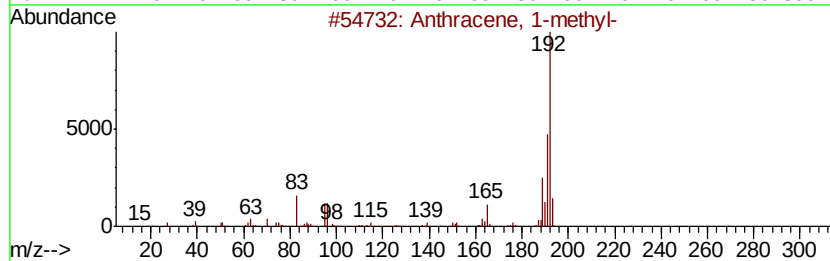
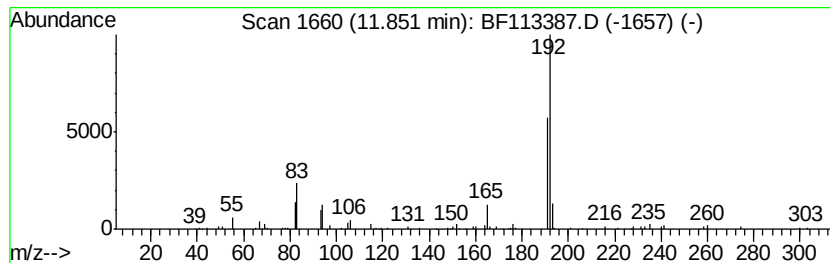
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Anthracene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.85	6.40 ng	486423	Phenanthrene-d10	11.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113387.D
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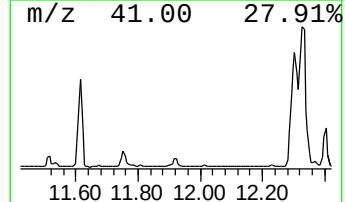
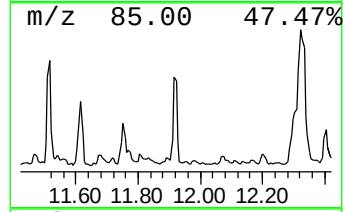
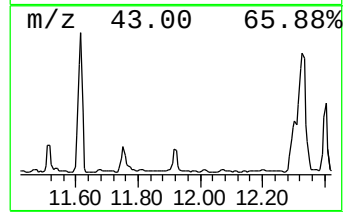
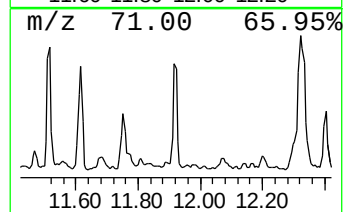
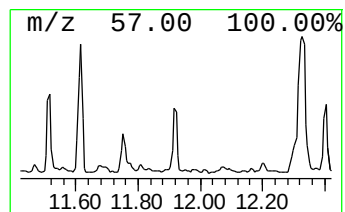
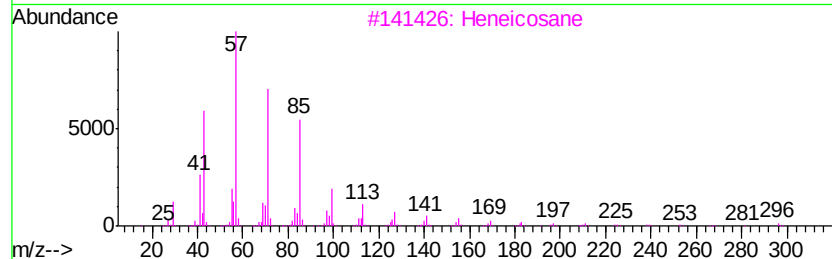
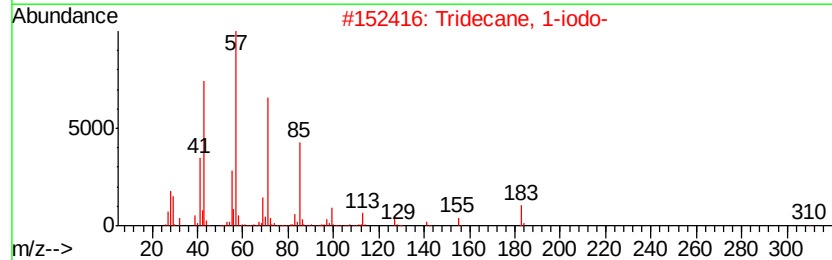
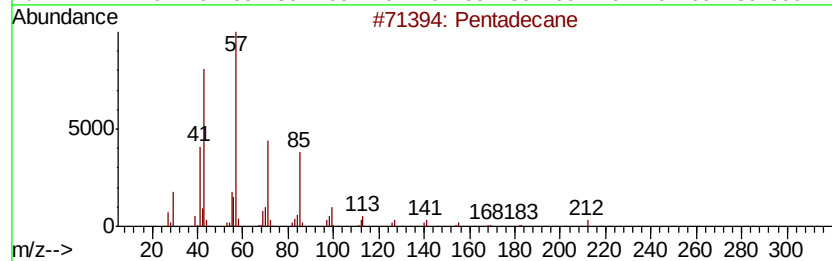
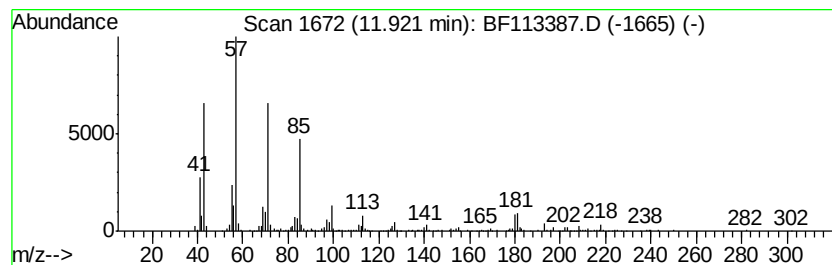
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	7.42 ng	563899	Phenanthrene-d10	11.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	90
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
3		Heneicosane	296	C21H44	000629-94-7	80
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5		Pentadecane, 3-methyl-	226	C16H34	002882-96-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
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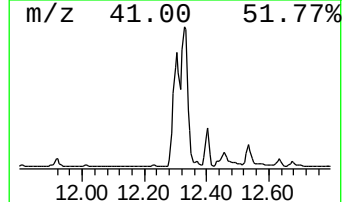
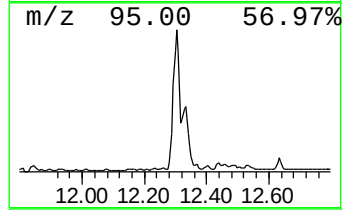
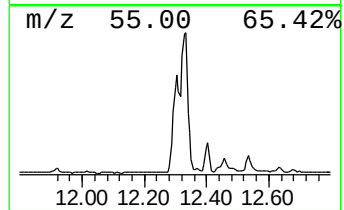
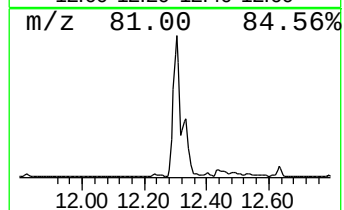
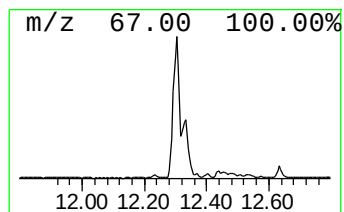
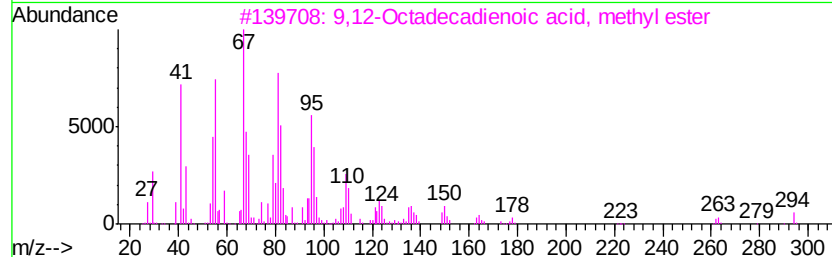
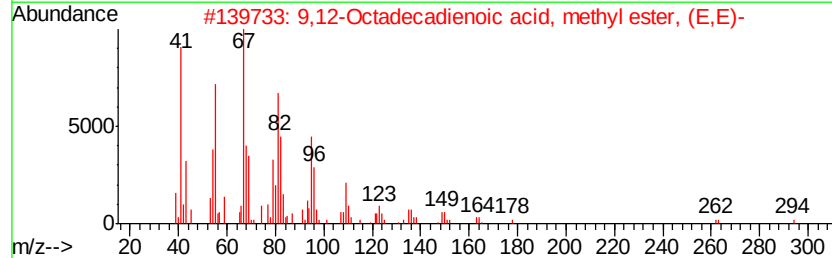
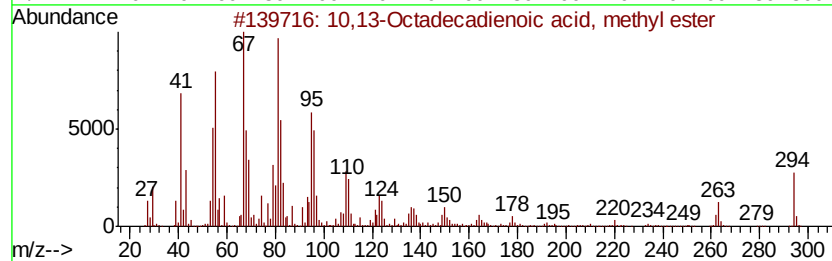
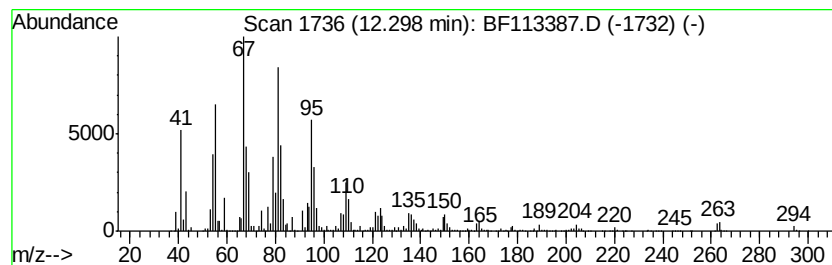
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 10,13-Octadecadienoic acid,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.30	133.91 ng	10180600	Phenanthrene-d10	11.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	9,12-Octadecadienoic acid, methv...	294	C19H34O2	002462-85-3	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113387.D
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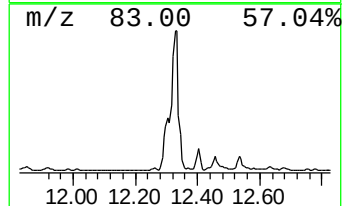
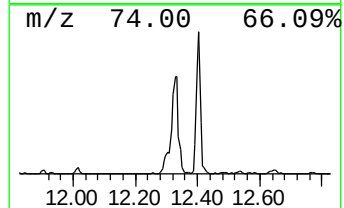
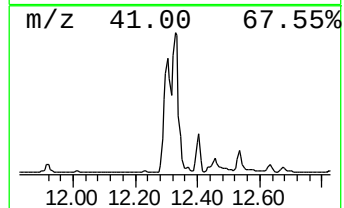
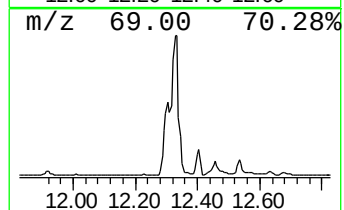
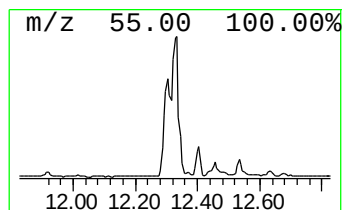
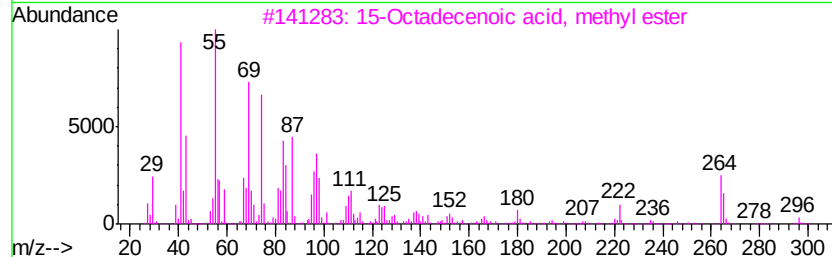
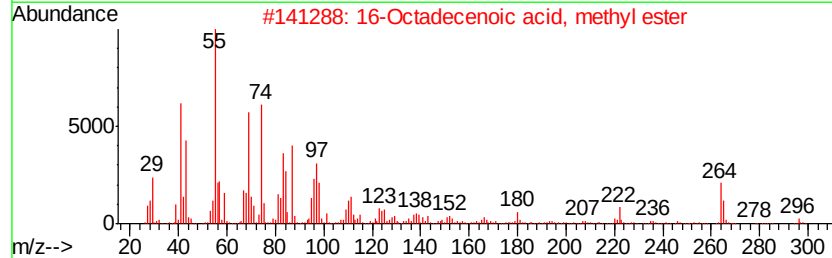
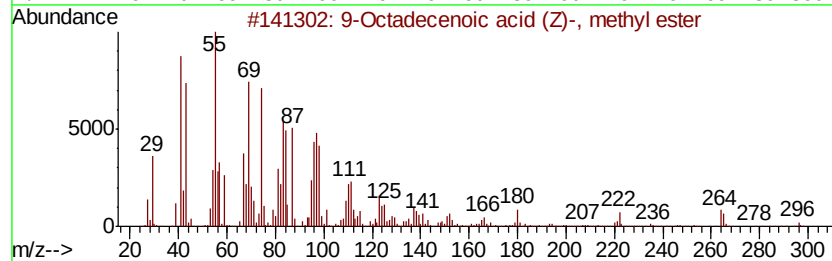
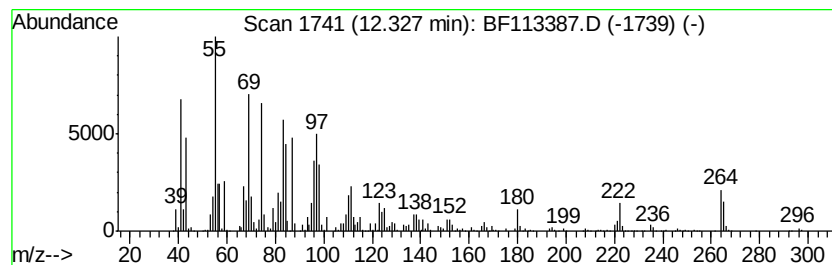
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	124.58 ng	9470750	Phenanthrene-d10	11.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
3		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
4		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
5		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
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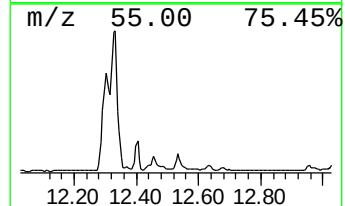
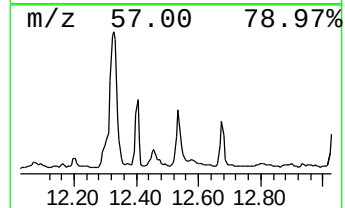
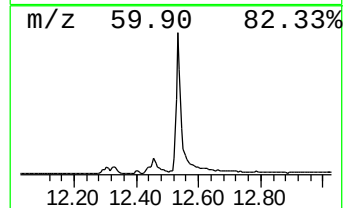
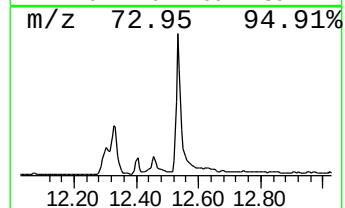
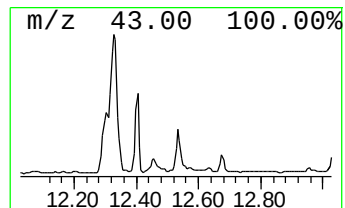
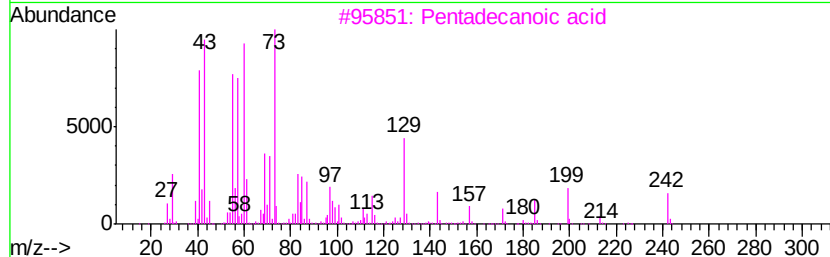
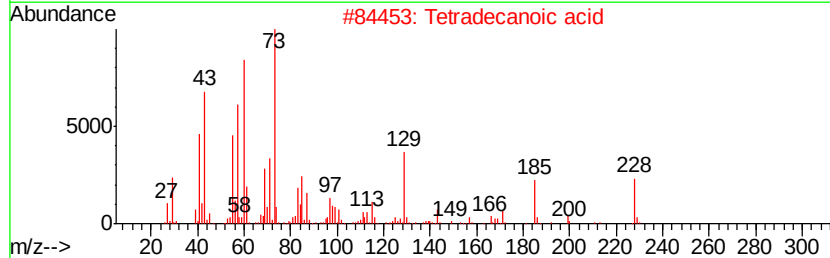
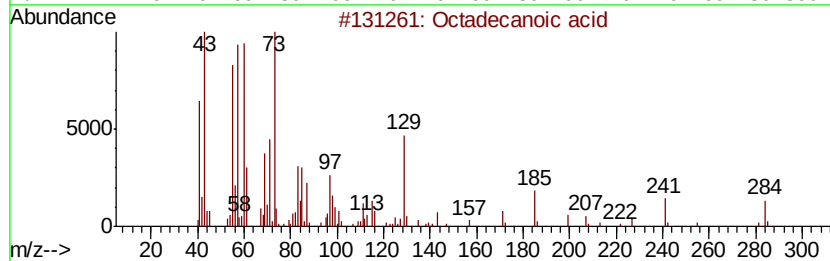
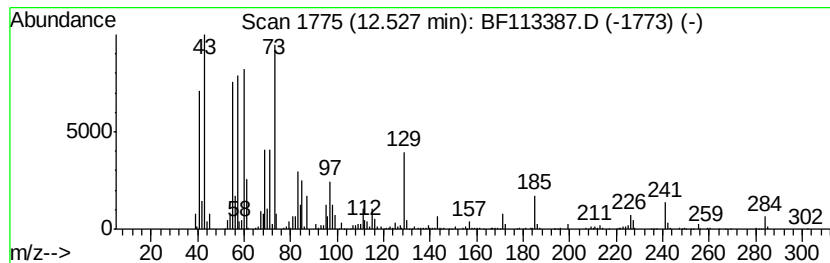
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.53	7.33 ng	844370	Chrysene-d12	13.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	62
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
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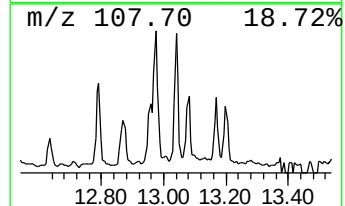
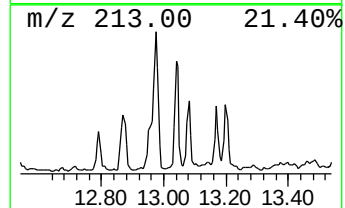
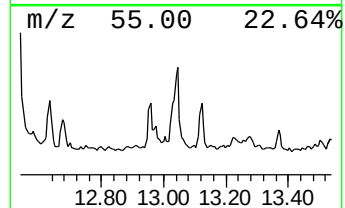
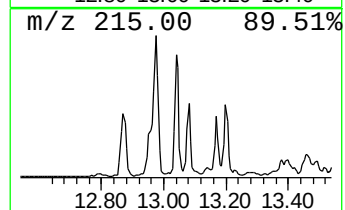
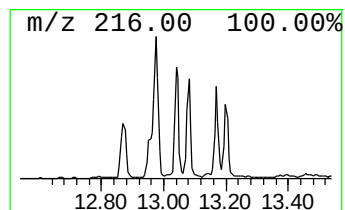
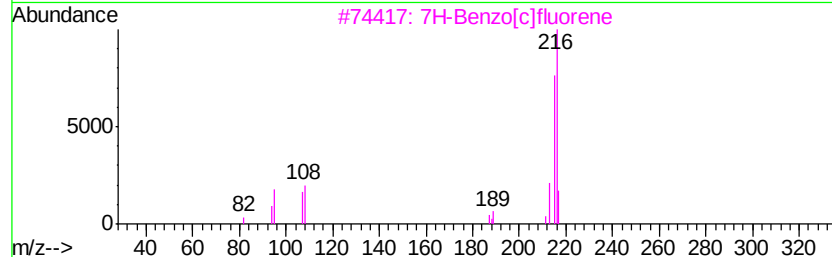
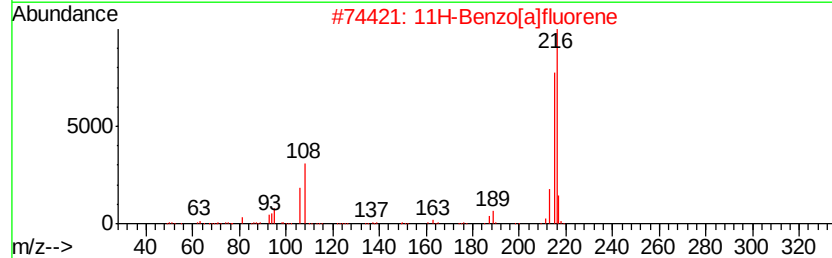
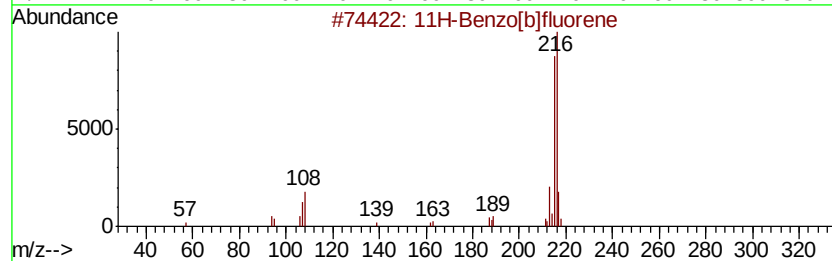
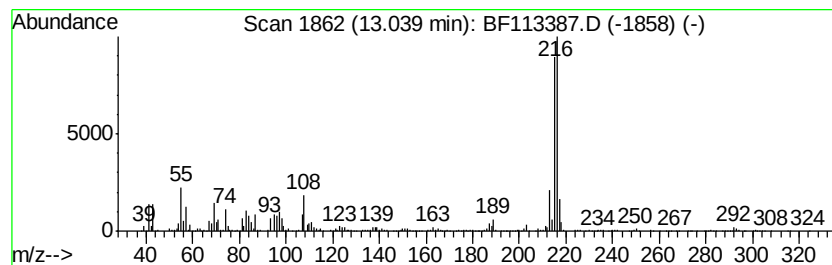
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BNA_F
ClientSampleId :
SU-02-032719-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.04	8.59 ng	989642	Chrysene-d12	13.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
5	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113387.D
Acq On : 28 Mar 2019 21:30
Operator : JU/SJ
Sample : K1697-13 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-032719-A

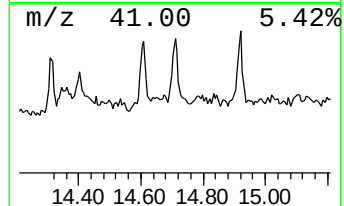
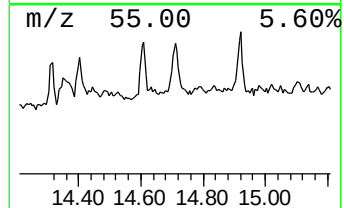
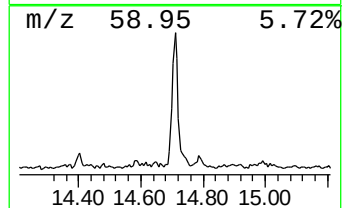
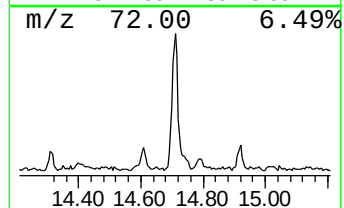
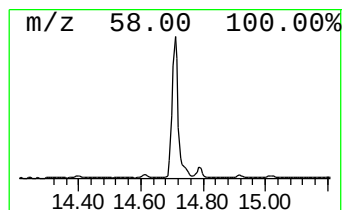
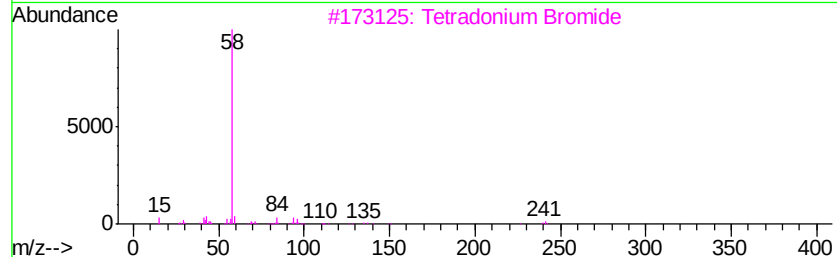
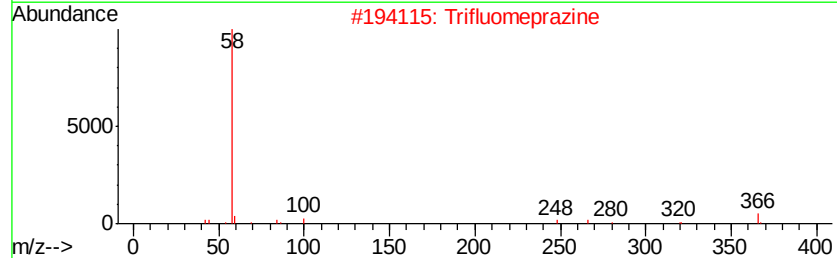
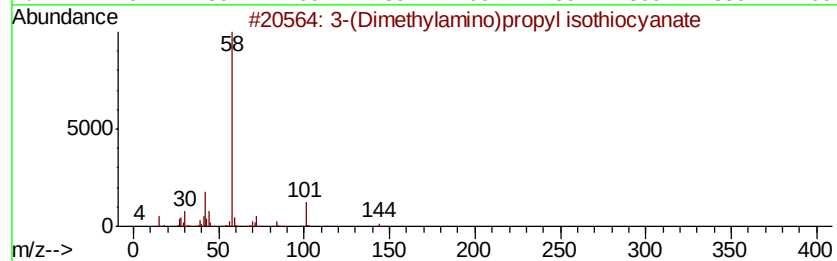
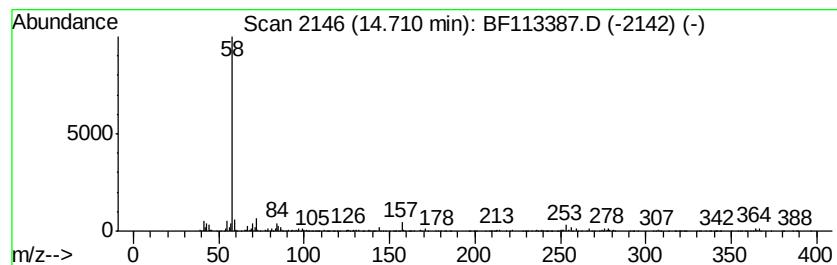
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 3-(Dimethylamino)propyl iso... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	8.93 ng	536576	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	72
2		Trifluomeprazine	366	C19H21F3N2S	002622-37-9	64
3		Tetradonium Bromide	335	C17H38BrN	001119-97-7	64
4		N,N-Dimethyl-2-tert-butoxyethyla...	145	C8H19NO	071126-61-9	64
5		1-Nonanamine, N,N-dimethyl-	171	C11H25N	017373-27-2	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032819\
Data File : BF113387.D
Acq On : 28 Mar 2019 21:30
Operator : JU/SJ
Sample : K1697-13 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-032719-A

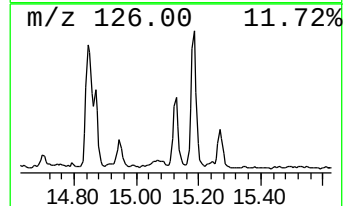
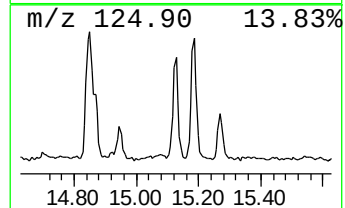
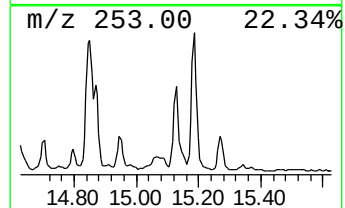
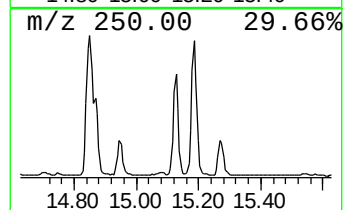
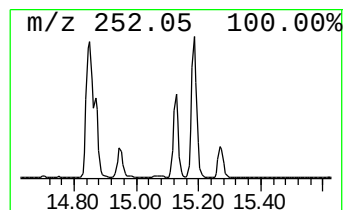
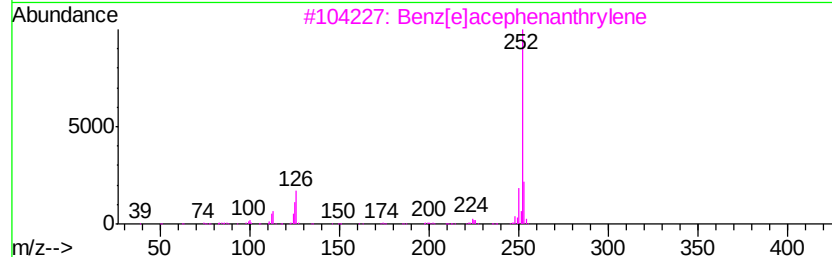
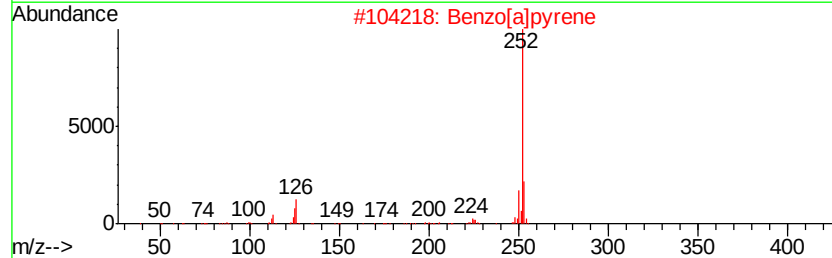
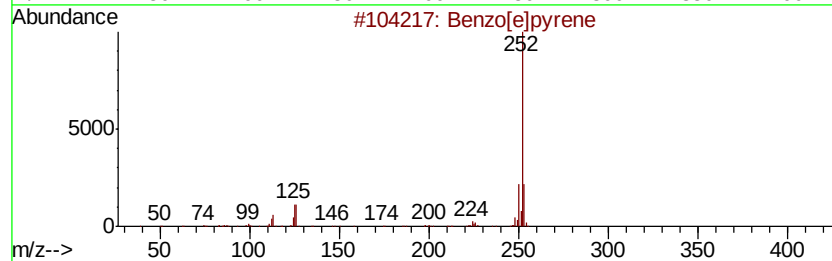
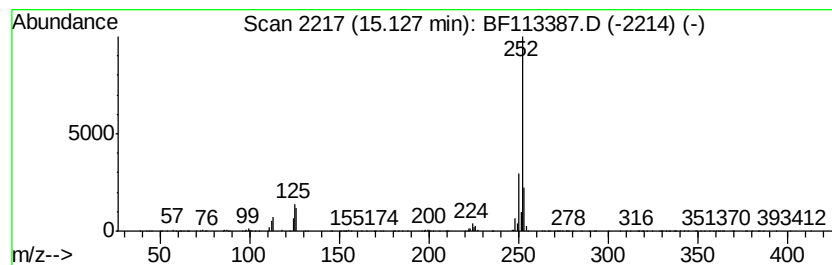
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	10.09 ng	606083	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[a]pyrene	252	C20H12	000050-32-8	98
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4		Perylene	252	C20H12	000198-55-0	93
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032819\
 Data File : BF113387.D
 Acq On : 28 Mar 2019 21:30
 Operator : JU/SJ
 Sample : K1697-13 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-032719-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.47	6.47	37.1 ng		1928740	1	6.70	1039980	20.0
Tetradecane	9.15	6.1 ng		542115	3	9.73	1766250	20.0
Naphthalene, 2,7-...	9.39	5.8 ng		515723	3	9.73	1766250	20.0
Heptadecane	10.65	10.3 ng		779768	4	11.21	1520490	20.0
Heptadecane, 8-me...	11.09	6.8 ng		513787	4	11.21	1520490	20.0
Dibenzothiophene	11.11	6.8 ng		514490	4	11.21	1520490	20.0
Nonadecane	11.52	6.8 ng		518474	4	11.21	1520490	20.0
Hexadecanoic acid...	11.62	58.9 ng		4479330	4	11.21	1520490	20.0
Anthracene, 2-met...	11.71	8.5 ng		648329	4	11.21	1520490	20.0
Phenanthrene, 2-m...	11.74	17.4 ng		1324240	4	11.21	1520490	20.0
4H-Cyclopenta[def...	11.82	13.1 ng		996574	4	11.21	1520490	20.0
Anthracene, 1-met...	11.85	6.4 ng		486423	4	11.21	1520490	20.0
Pentadecane	11.92	7.4 ng		563899	4	11.21	1520490	20.0
10,13-Octadecadie...	12.30	133.9 ng		10180600	4	11.21	1520490	20.0
9-Octadecenoic ac...	12.33	124.6 ng		9470750	4	11.21	1520490	20.0
Octadecanoic acid	12.53	7.3 ng		844370	5	13.84	2305210	20.0
11H-Benzo[b]fluorene	13.04	8.6 ng		989642	5	13.84	2305210	20.0
3-(Dimethylamino)...	14.71	8.9 ng		536576	6	15.24	1201890	20.0
Benzo[e]pyrene	15.13	10.1 ng		606083	6	15.24	1201890	20.0