

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
 Data File : BF083543.D
 Acq On : 7 Dec 2015 4:47
 Operator : UM/IZ
 Sample : G4614-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S33-15

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.573	162	165	179	rVB	765937	1584293	25.20%	1.371%
2	4.019	201	204	218	rBV	4052181	5980576	95.13%	5.176%
3	5.299	312	316	324	rBV	4112633	6286758	100.00%	5.441%
4	5.424	324	327	330	rBV	3952777	5856769	93.16%	5.069%
5	5.733	351	354	358	rBV	947840	1171579	18.64%	1.014%
6	5.950	370	373	376	rBV	3557228	4364501	69.42%	3.778%
7	6.567	423	427	429	rBV	2479876	4059930	64.58%	3.514%
8	7.630	517	520	522	rBV	1242737	1579420	25.12%	1.367%
9	9.379	669	673	676	rBV	3936924	5502982	87.53%	4.763%
10	10.065	730	733	736	rBV	1213304	1539995	24.50%	1.333%
11	10.191	742	744	747	rBV	146551	216497	3.44%	0.187%
12	10.419	761	764	766	rBV	1233607	1664138	26.47%	1.440%
13	10.465	766	768	772	rVB2	292762	534956	8.51%	0.463%
14	10.762	791	794	798	rVV	207151	345934	5.50%	0.299%
15	11.265	835	838	840	rBV	214706	315902	5.02%	0.273%
16	11.311	840	842	847	rVB	298285	418249	6.65%	0.362%
17	11.414	847	851	853	rBV2	72570	208897	3.32%	0.181%
18	11.585	863	866	868	rBV	127551	231036	3.67%	0.200%
19	11.711	874	877	880	rBV2	2471582	3434016	54.62%	2.972%
20	12.042	903	906	912	rBV	251380	504995	8.03%	0.437%
21	12.202	917	920	922	rVV	121816	217774	3.46%	0.188%
22	12.431	938	940	942	rVV	102421	200659	3.19%	0.174%
23	12.522	945	948	952	rVV	253941	443446	7.05%	0.384%
24	12.602	952	955	957	rVV2	143760	307685	4.89%	0.266%
25	12.637	957	958	961	rVB	184340	263711	4.19%	0.228%
26	12.774	967	970	971	rBV	157725	199772	3.18%	0.173%
27	12.819	971	974	975	rVV	1038118	1544750	24.57%	1.337%
28	12.865	975	978	980	rVV	2858113	4680894	74.46%	4.051%
29	12.934	980	984	987	rVV	680317	974993	15.51%	0.844%
30	13.037	989	993	995	rVV3	78715	202411	3.22%	0.175%
31	13.231	1007	1010	1013	rBV	234611	359555	5.72%	0.311%
32	13.471	1028	1031	1036	rVB3	100883	277473	4.41%	0.240%
33	13.642	1043	1046	1048	rBV	619160	808765	12.86%	0.700%
34	13.688	1048	1050	1053	rVV	811791	1018104	16.19%	0.881%

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

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.768	1054	1057	1058	rVV	249944	393806	6.26%	0.341%
36	13.802	1058	1060	1063	rVV2	632685	1234988	19.64%	1.069%
37	13.848	1063	1064	1066	rVV	453000	810880	12.90%	0.702%
38	13.882	1066	1067	1071	rVV	751136	845362	13.45%	0.732%
39	14.134	1083	1089	1091	rBV	394625	755913	12.02%	0.654%
40	14.180	1091	1093	1096	rVV	234988	319340	5.08%	0.276%
41	14.374	1108	1110	1113	rBV2	118200	268908	4.28%	0.233%
42	14.545	1122	1125	1127	rBV	420398	699257	11.12%	0.605%
43	14.591	1127	1129	1132	rVV2	234175	512186	8.15%	0.443%
44	14.682	1134	1137	1141	rVB2	266837	561030	8.92%	0.486%
45	14.785	1142	1146	1149	rBV	3074808	4997990	79.50%	4.326%
46	14.842	1149	1151	1154	rVB	141901	192389	3.06%	0.167%
47	14.900	1154	1156	1158	rBV	177290	257979	4.10%	0.223%
48	15.037	1163	1168	1173	rBV3	1075218	2540259	40.41%	2.199%
49	15.140	1173	1177	1181	rVV	3384524	5765825	91.71%	4.990%
50	15.243	1183	1186	1188	rVV2	225759	416409	6.62%	0.360%
51	15.300	1188	1191	1195	rVV3	580361	1155237	18.38%	1.000%
52	15.357	1195	1196	1199	rVV2	234080	451939	7.19%	0.391%
53	15.448	1201	1204	1207	rVV	2428326	4061989	64.61%	3.516%
54	15.528	1209	1211	1213	rVV	242175	398910	6.35%	0.345%
55	15.665	1219	1223	1224	rBV3	245054	573836	9.13%	0.497%
56	15.700	1224	1226	1230	rVB	488555	710654	11.30%	0.615%
57	15.803	1232	1235	1238	rBV	289621	393762	6.26%	0.341%
58	15.860	1238	1240	1247	rBV3	411103	972884	15.48%	0.842%
59	15.997	1250	1252	1254	rVV	274720	344274	5.48%	0.298%
60	16.043	1254	1256	1258	rVV	167182	219790	3.50%	0.190%
61	16.328	1278	1281	1283	rBV2	108213	267174	4.25%	0.231%
62	16.386	1284	1286	1289	rVV	180865	350525	5.58%	0.303%
63	16.443	1289	1291	1293	rVV	379726	548731	8.73%	0.475%
64	16.511	1293	1297	1303	rVV	448990	954591	15.18%	0.826%
65	16.660	1307	1310	1312	rVV2	282430	688087	10.95%	0.596%
66	16.694	1312	1313	1314	rVV	362490	373302	5.94%	0.323%
67	16.763	1317	1319	1321	rVV2	258859	384763	6.12%	0.333%
68	16.820	1321	1324	1327	rVV	322708	453961	7.22%	0.393%
69	17.014	1337	1341	1343	rVV2	1813586	4107880	65.34%	3.555%
70	17.048	1343	1344	1346	rVV	1792311	2143291	34.09%	1.855%
71	17.151	1350	1353	1355	rVB	219618	355660	5.66%	0.308%

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72	17.300	1364	1366	1368	rVB	200320	248809	3.96%	0.215%
73	17.346	1368	1370	1372	rBV	184499	236124	3.76%	0.204%
74	17.494	1381	1383	1384	rBV	156169	201884	3.21%	0.175%
75	17.540	1384	1387	1389	rBV	434832	604720	9.62%	0.523%
76	17.574	1389	1390	1393	rVV	189458	213870	3.40%	0.185%
77	17.654	1395	1397	1398	rVV	184326	230204	3.66%	0.199%
78	17.689	1398	1400	1403	rVB2	135005	271856	4.32%	0.235%
79	17.780	1406	1408	1412	rVB2	307278	615990	9.80%	0.533%
80	17.940	1417	1422	1424	rBV3	156267	404452	6.43%	0.350%
81	18.111	1436	1437	1441	rVB2	214022	337256	5.36%	0.292%
82	18.271	1448	1451	1456	rVV	1667844	3478538	55.33%	3.011%
83	18.374	1457	1460	1462	rVV2	360122	440757	7.01%	0.381%
84	18.443	1464	1466	1468	rVV	148678	305514	4.86%	0.264%
85	18.546	1472	1475	1478	rVV	919305	1634535	26.00%	1.415%
86	18.591	1478	1479	1482	rVV	1273128	1867620	29.71%	1.616%
87	18.649	1482	1484	1485	rVV	884736	998526	15.88%	0.864%
88	18.671	1485	1486	1492	rVV2	400404	837374	13.32%	0.725%
89	18.843	1499	1501	1504	rVV3	119837	240625	3.83%	0.208%
90	18.923	1506	1508	1515	rVB2	138377	395781	6.30%	0.343%
91	19.117	1523	1525	1530	rVB4	128066	263198	4.19%	0.228%
92	19.449	1552	1554	1557	rVB2	180882	277500	4.41%	0.240%
93	19.529	1557	1561	1564	rBV4	70596	200292	3.19%	0.173%
94	19.883	1589	1592	1596	rVB	714483	1240991	19.74%	1.074%
95	20.032	1603	1605	1607	rVV	144656	264553	4.21%	0.229%
96	20.077	1607	1609	1612	rVV	140639	228103	3.63%	0.197%
97	20.134	1612	1614	1618	rVB3	84073	211131	3.36%	0.183%
98	20.237	1620	1623	1628	rBV	502122	981248	15.61%	0.849%
99	20.443	1639	1641	1646	rVB	143253	320081	5.09%	0.277%
100	21.163	1699	1704	1710	rBV5	42507	200919	3.20%	0.174%

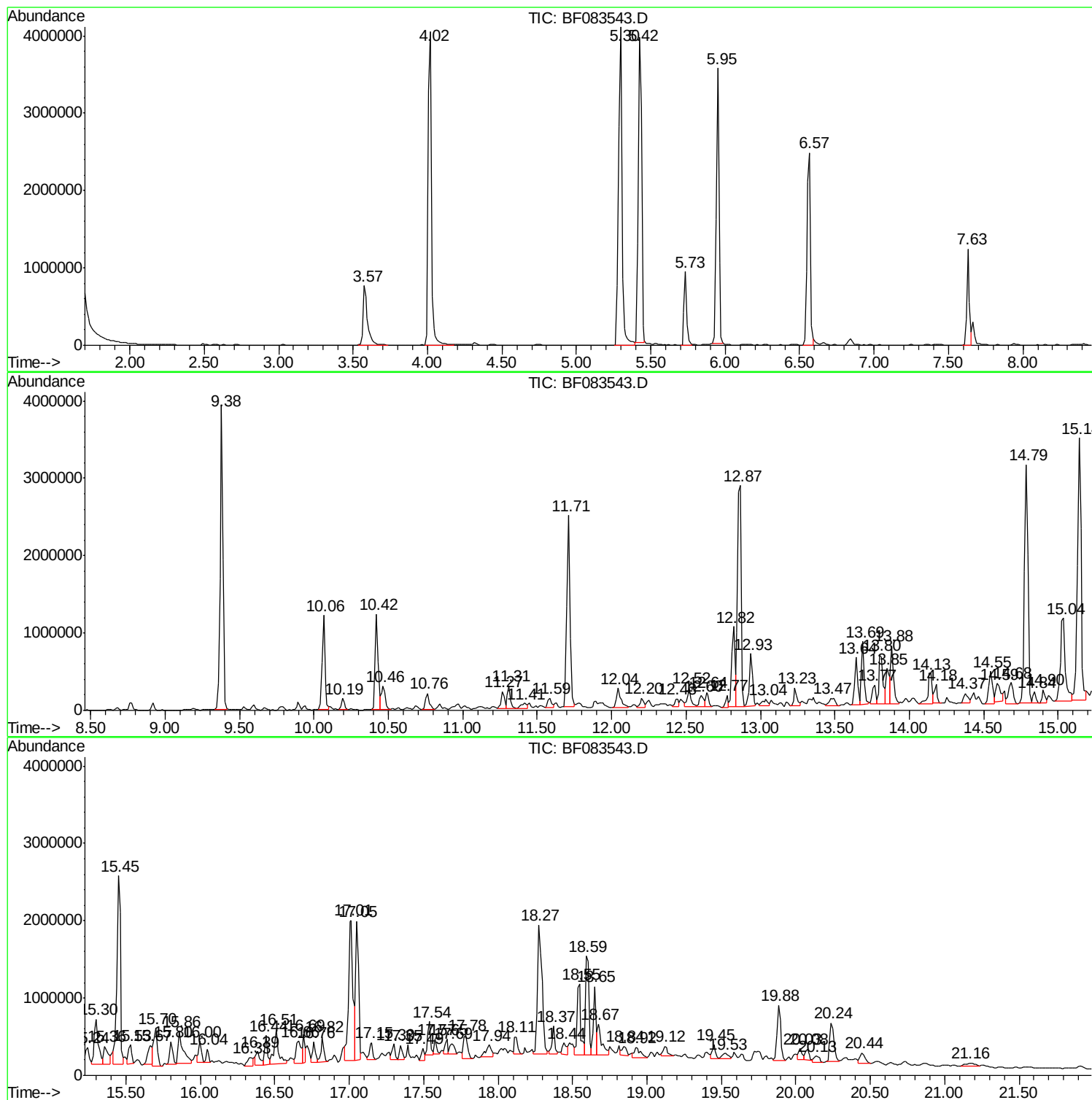
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Instrument :
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ClientSampled :
S33-15

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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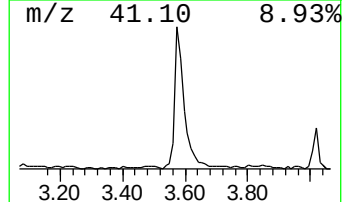
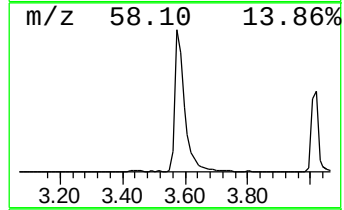
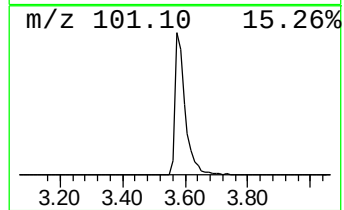
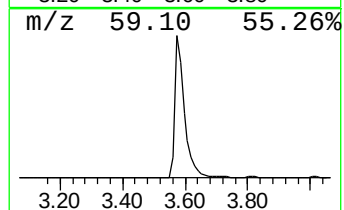
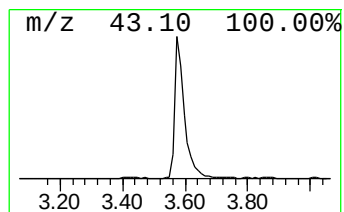
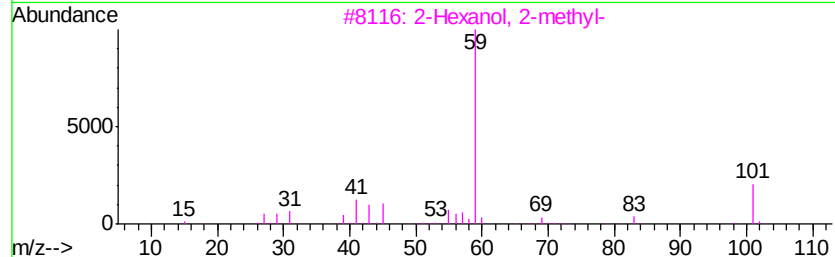
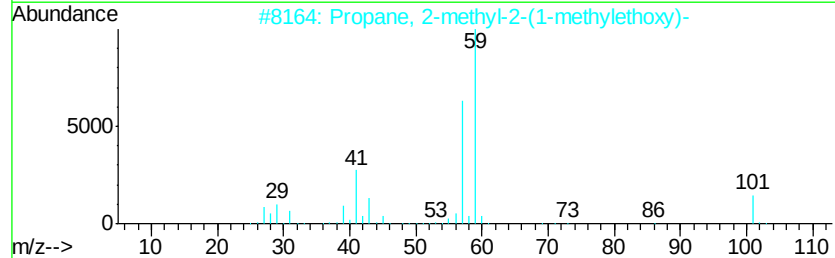
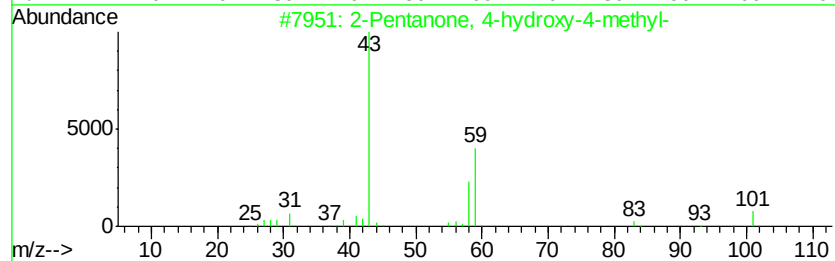
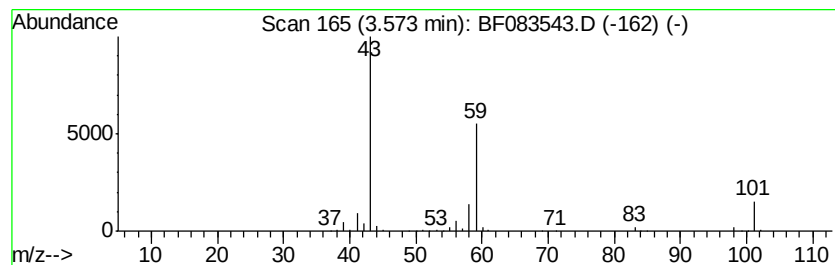
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.57	27.05 ng	1584290	1,4-Dichlorobenzene-d4	5.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	36
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5			3-Hexanol	102	C6H14O	000623-37-0	33



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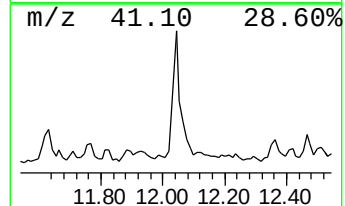
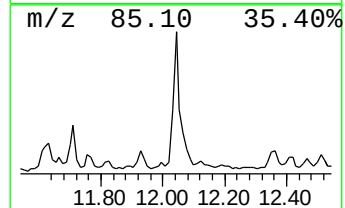
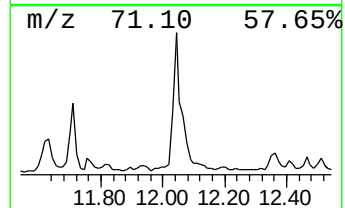
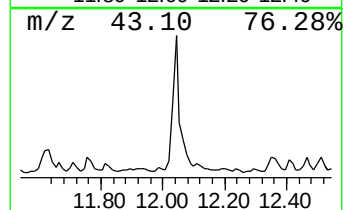
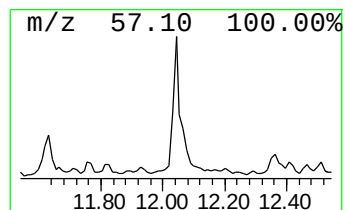
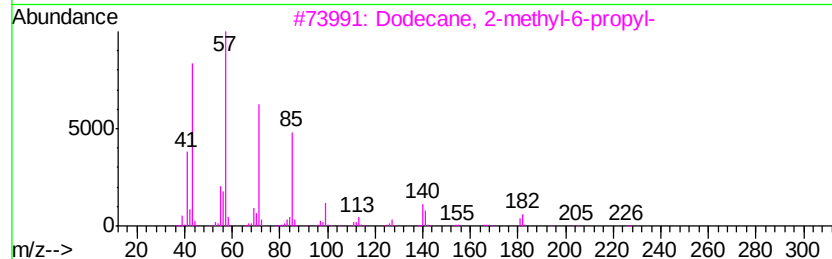
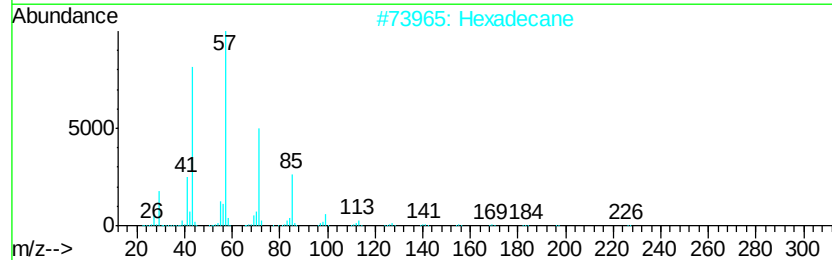
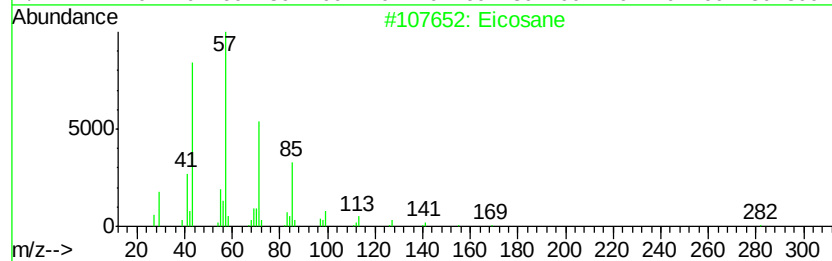
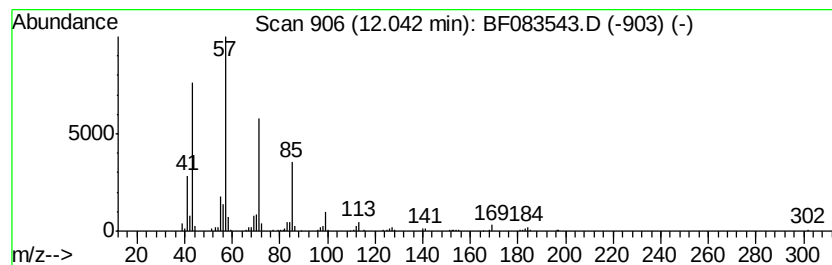
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Eicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.04	6.54 ng	504995	Phenanthrene-d10		12.82
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4	Tridecane	184	C13H28	000629-50-5	81
5	Decane, 5-propyl-	184	C13H28	017312-62-8	78



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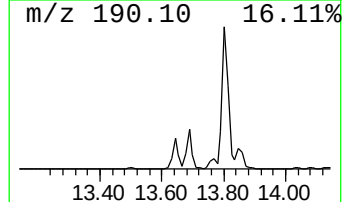
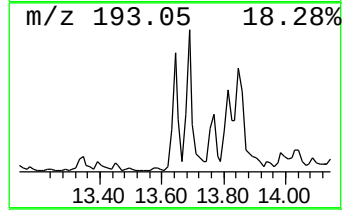
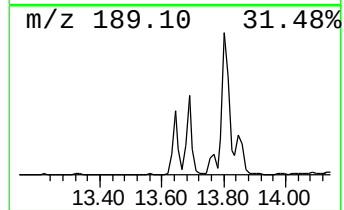
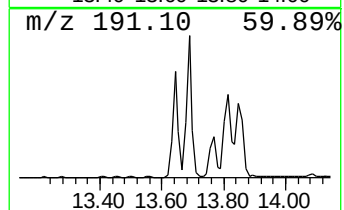
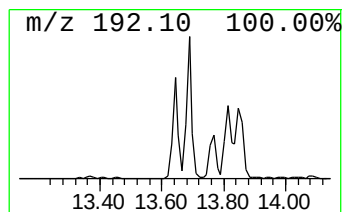
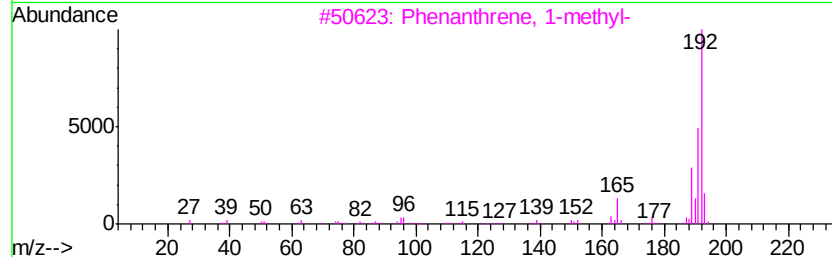
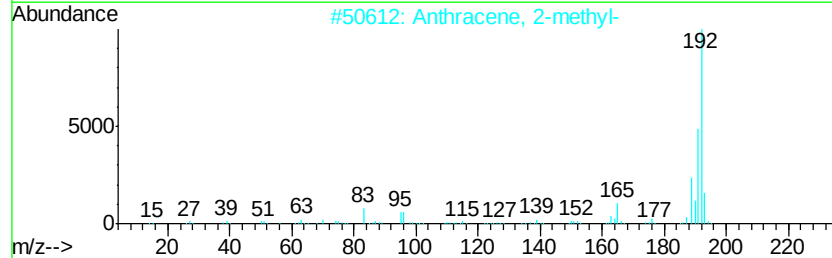
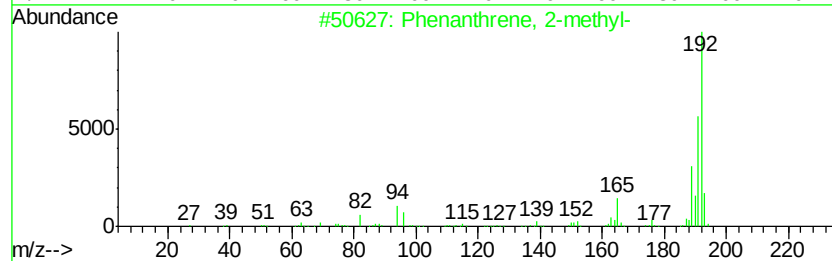
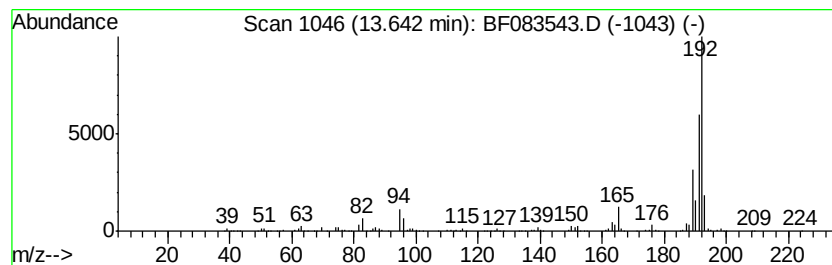
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Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.64	10.47 ng	808765	Phenanthrene-d10	12.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083543.D
Acq On : 7 Dec 2015 4:47
Operator : UM/IZ
Sample : G4614-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

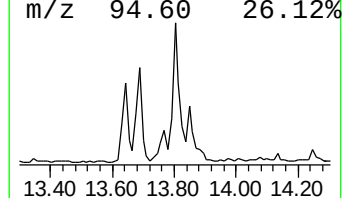
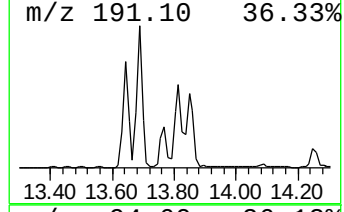
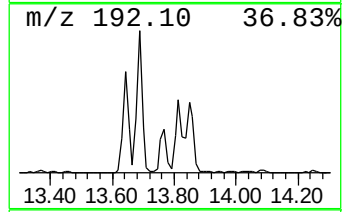
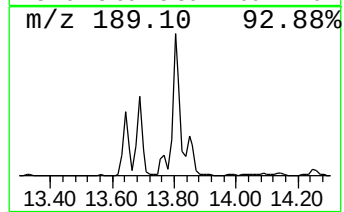
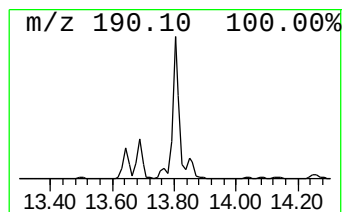
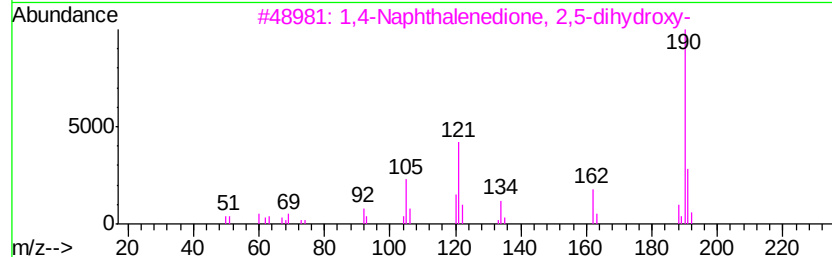
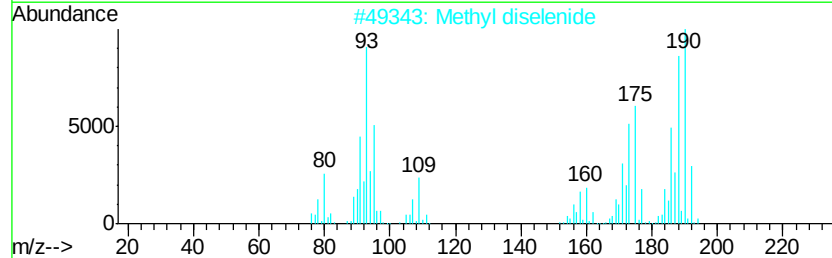
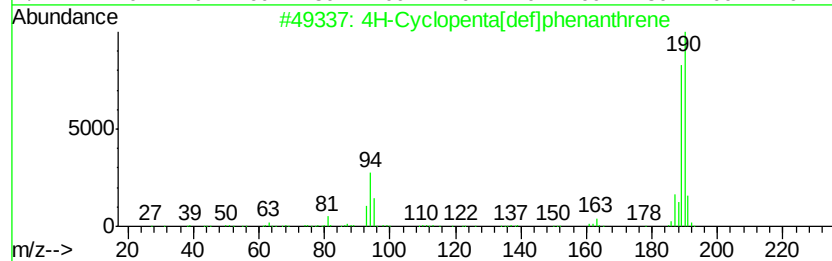
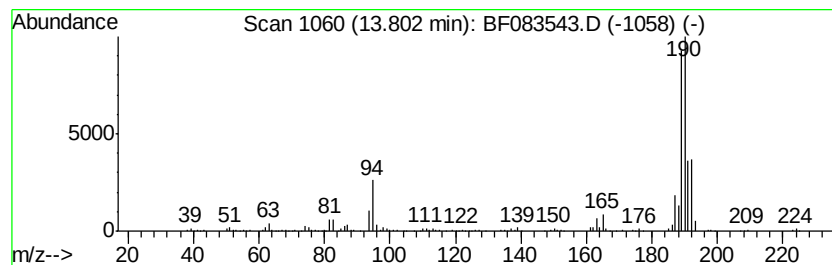
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.80	15.99 ng	1234990	Phenanthrene-d10	12.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Methyl diselenide	190	C2H6Se2	007101-31-7	46
3	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
4	4-Cyano-4-hydroxy-3-methyl-2-phe...	216	C13H16N2O	1000216-11-7	22
5	2-Naphthaldehyde, 1,2,3,4-tetra...	190	C12H14O2	002472-02-8	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083543.D
Acq On : 7 Dec 2015 4:47
Operator : UM/IZ
Sample : G4614-12
Misc :
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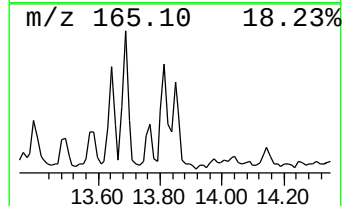
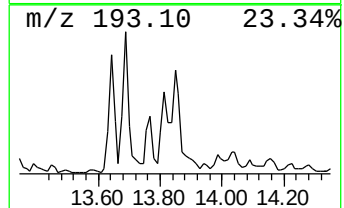
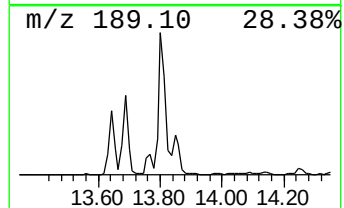
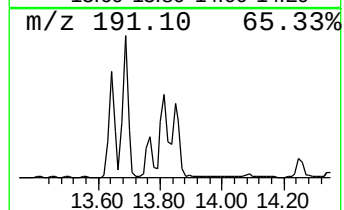
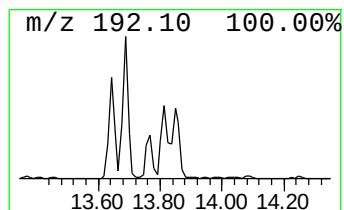
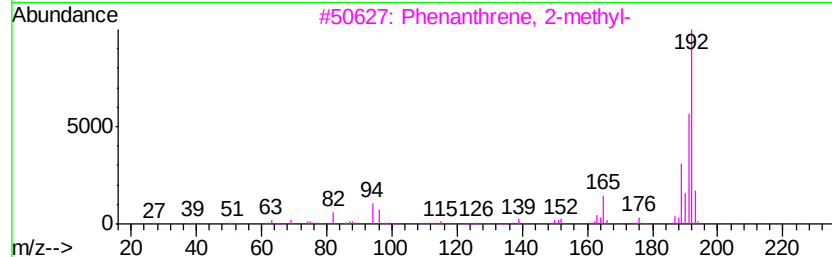
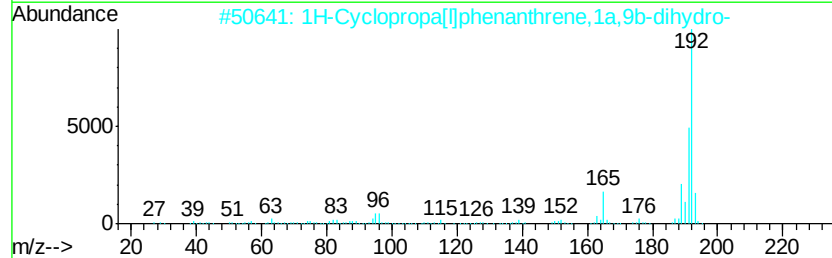
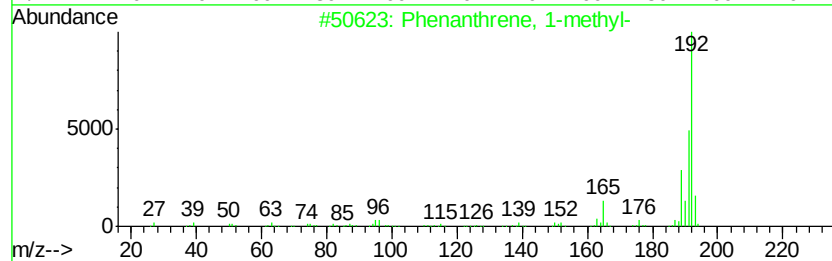
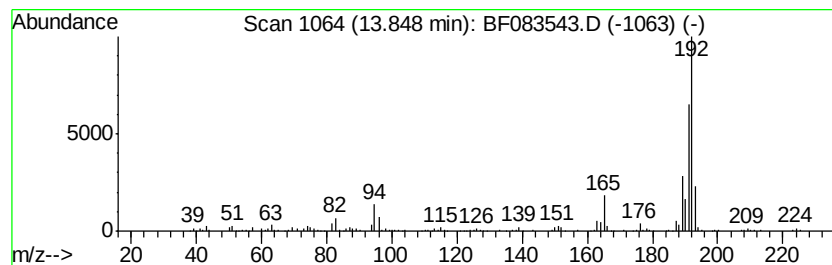
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	10.50 ng	810880	Phenanthrene-d10	12.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Phenanthrene, 1-methyl-	192 C15H12	000832-69-9 96
2		1H-Cyclopropa[1]phenanthrene,1a,...	192 C15H12	000949-41-7 96
3		Phenanthrene, 2-methyl-	192 C15H12	002531-84-2 95
4		Phenanthrene, 4-methyl-	192 C15H12	000832-64-4 93
5		Anthracene, 2-methyl-	192 C15H12	000613-12-7 93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
Data File : BF083543.D
Acq On : 7 Dec 2015 4:47
Operator : UM/IZ
Sample : G4614-12
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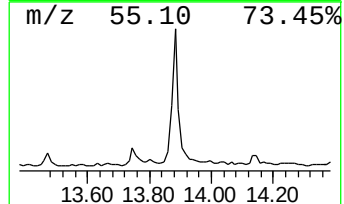
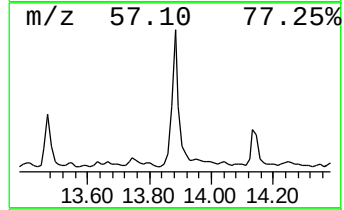
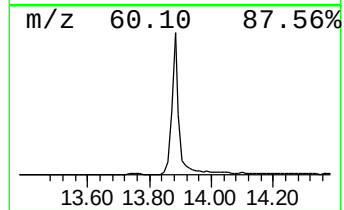
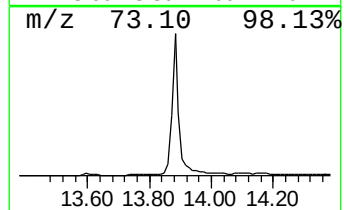
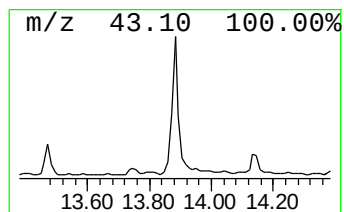
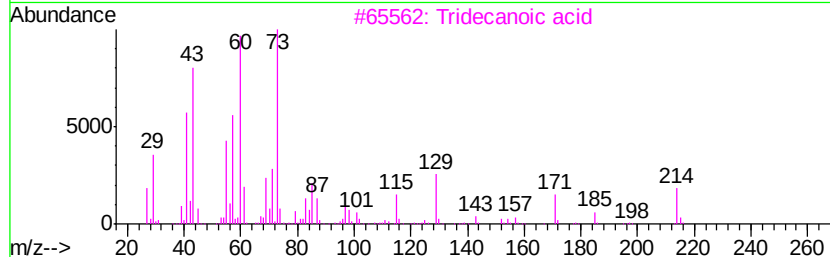
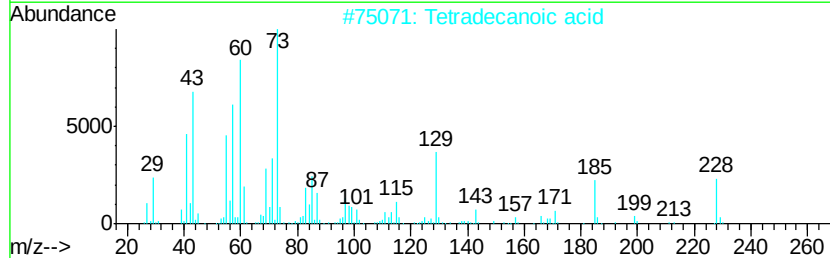
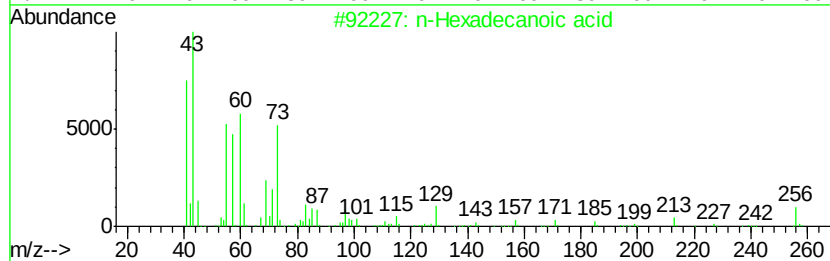
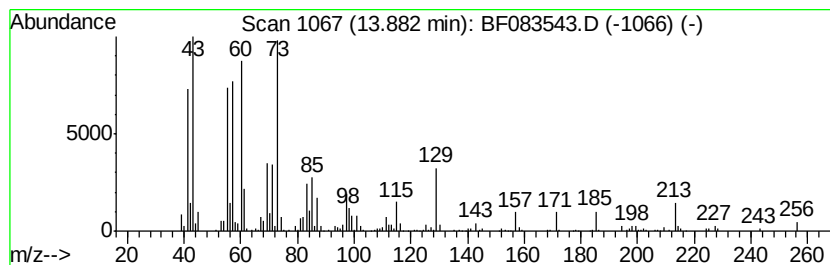
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.88	10.95 ng	845362	Phenanthrene-d10	12.82		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3		Tridecanoic acid	214	C13H26O2	000638-53-9	81
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	80
5		Dodecanoic acid	200	C12H24O2	000143-07-7	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083543.D
Acq On : 7 Dec 2015 4:47
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Sample : G4614-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

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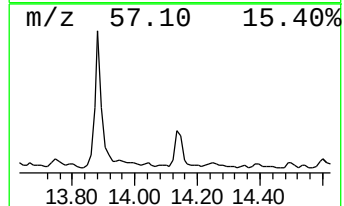
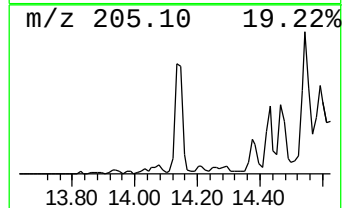
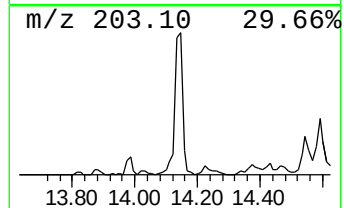
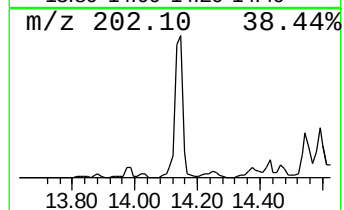
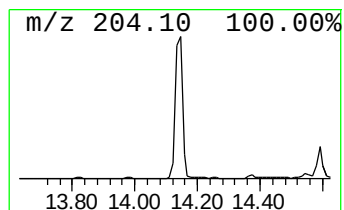
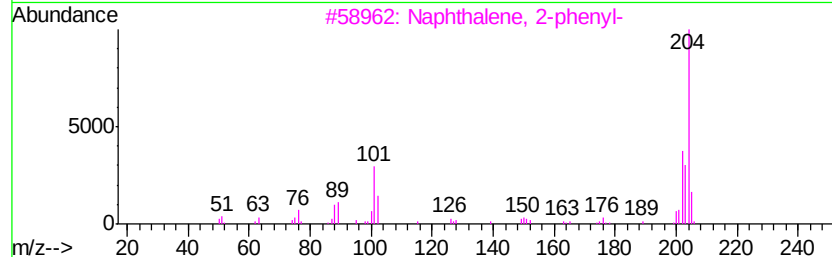
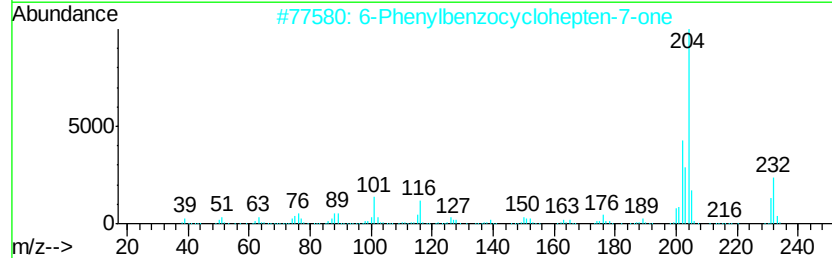
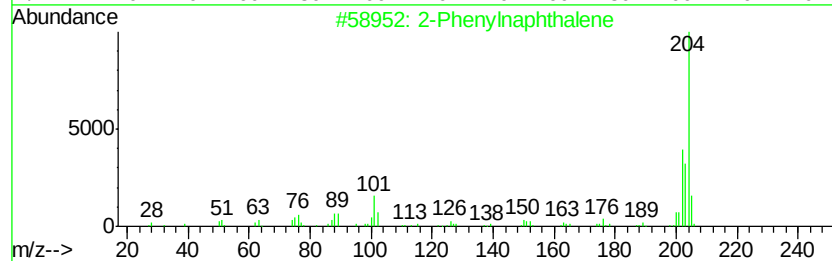
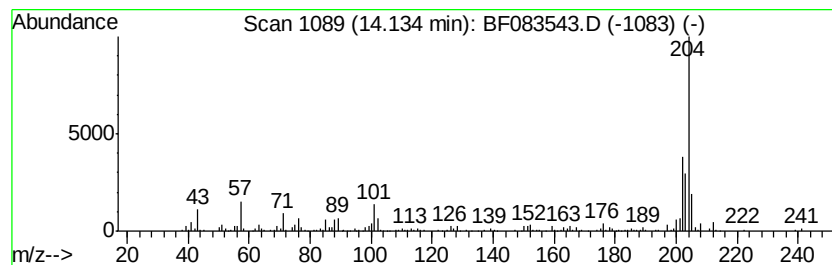
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 2-Phenylnaphthalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	9.79 ng	755913	Phenanthrene-d10	12.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Phenylnaphthalene	204	C16H12	035465-71-5	96
2			6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	87
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4			5,16[1',2':8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
5			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083543.D
Acq On : 7 Dec 2015 4:47
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Sample : G4614-12
Misc :
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ClientSampleId :
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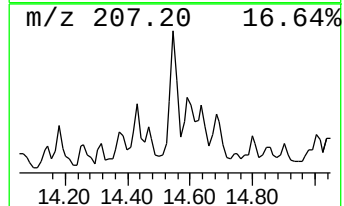
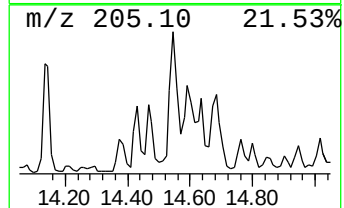
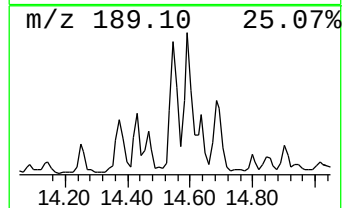
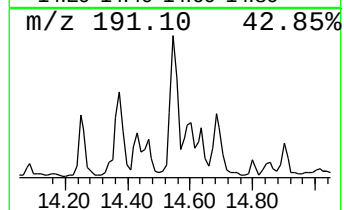
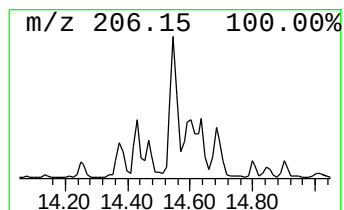
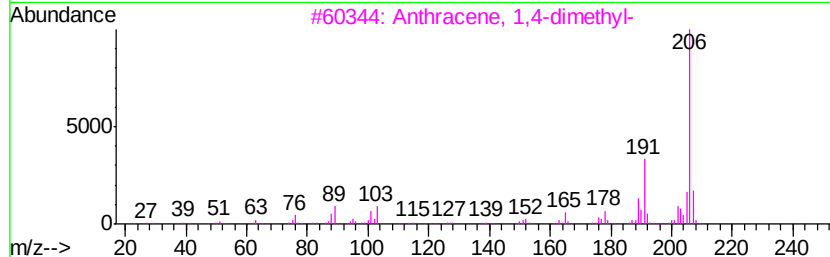
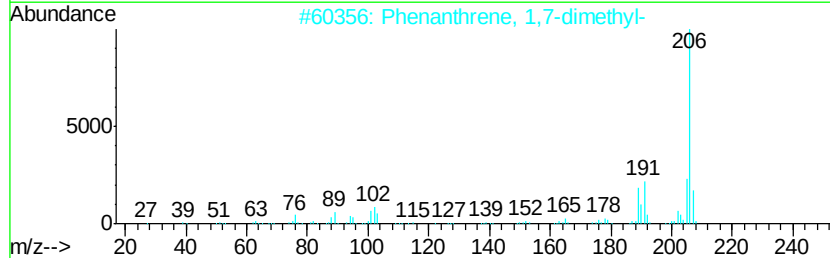
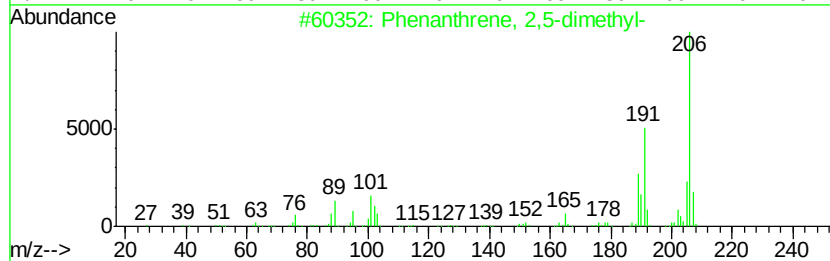
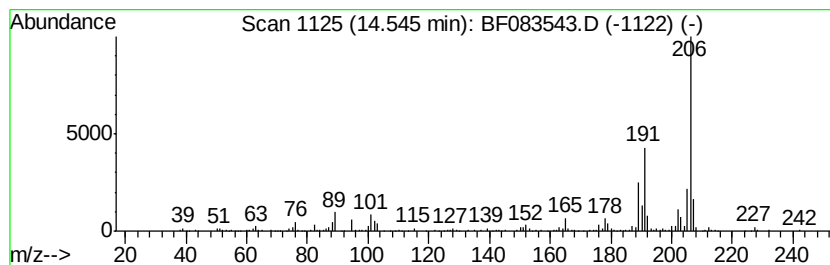
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	9.05 ng	699257	Phenanthrene-d10	12.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
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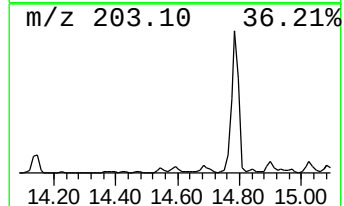
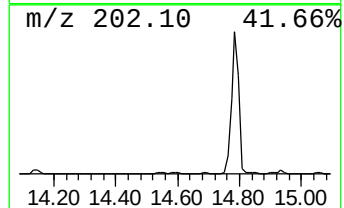
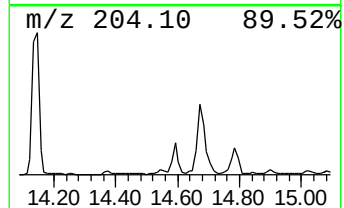
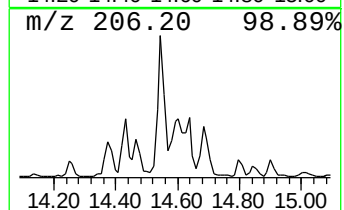
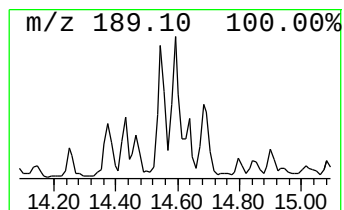
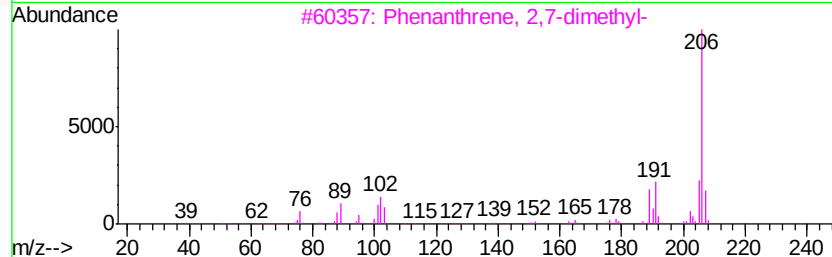
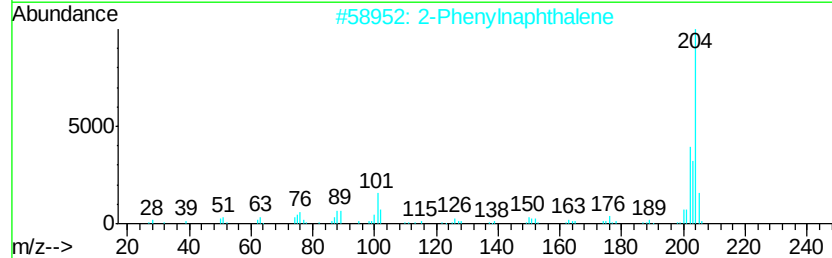
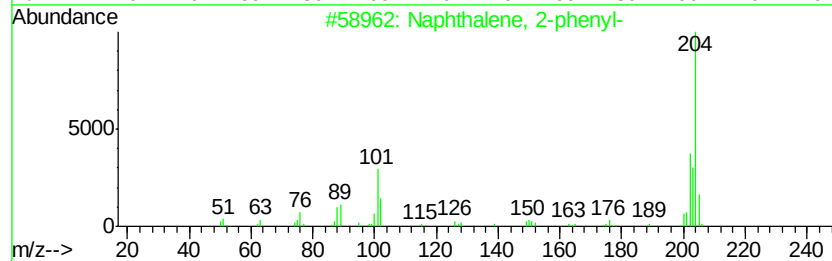
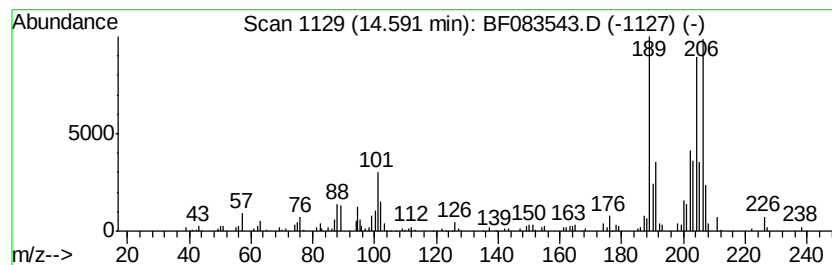
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.59	6.63 ng	512186	Phenanthrene-d10		12.82
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	43
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	38
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083543.D
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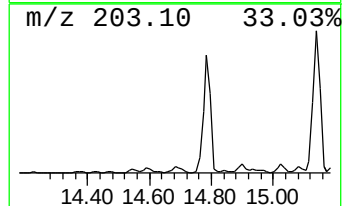
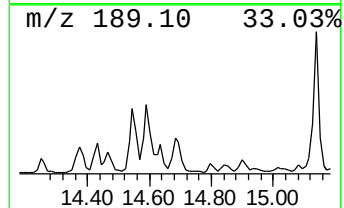
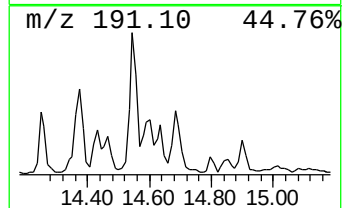
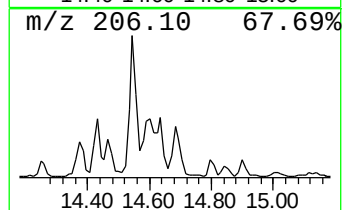
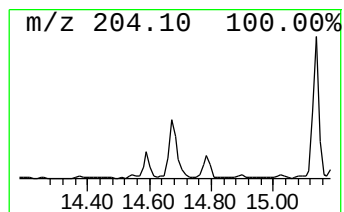
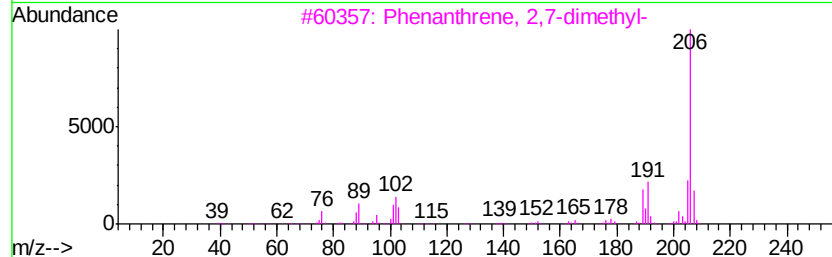
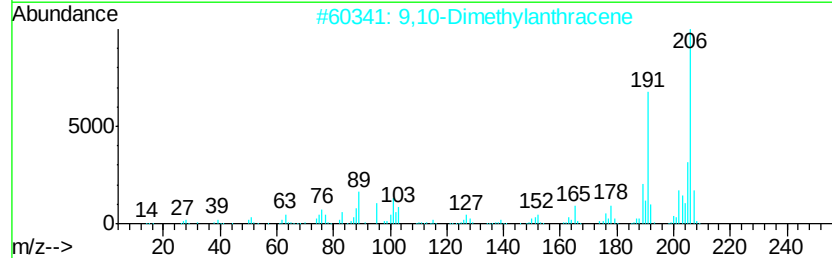
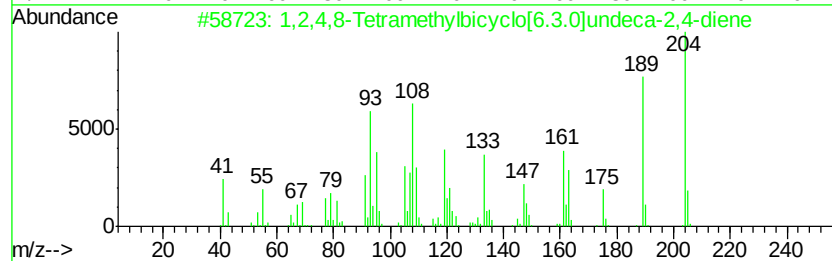
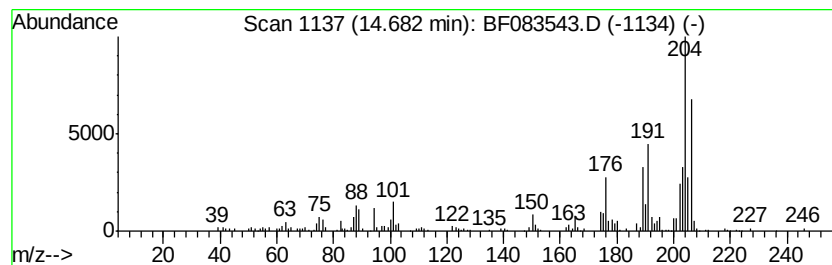
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 1,2,4,8-Tetramethylbicyclo[...] Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	7.26 ng	561030	Phenanthrene-d10	12.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2,4,8-Tetramethylbicyclo[6.3.0]...	204	C15H24	137235-51-9	89
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	62
3			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	46
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	46
5			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
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Acq On : 7 Dec 2015 4:47
Operator : UM/IZ
Sample : G4614-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

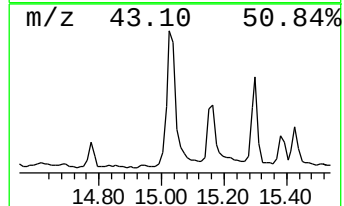
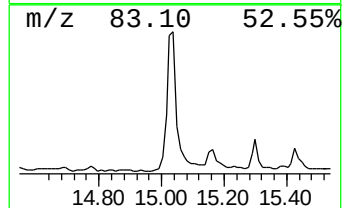
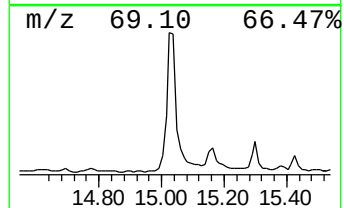
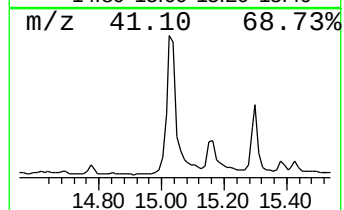
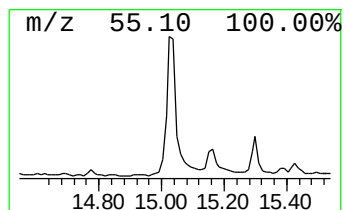
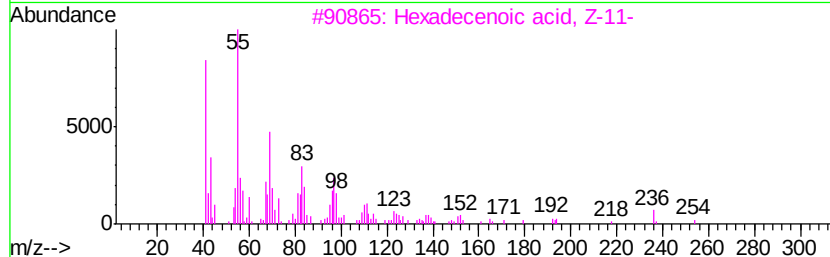
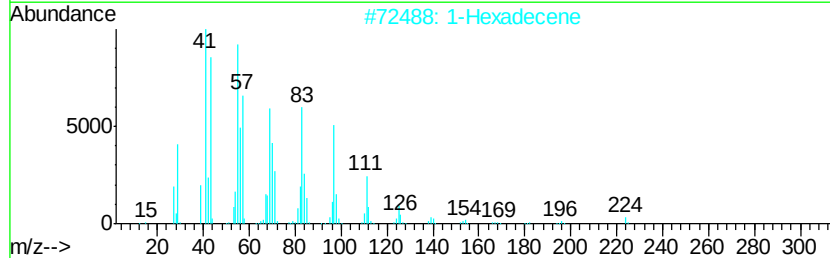
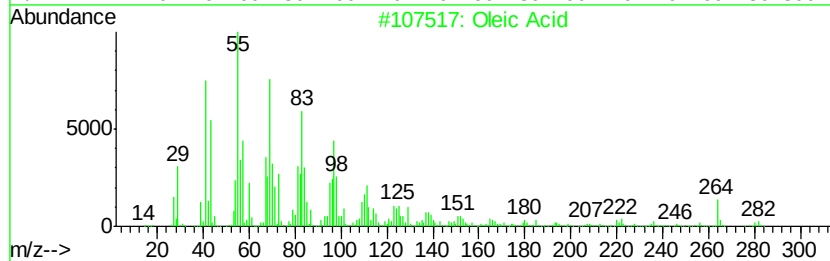
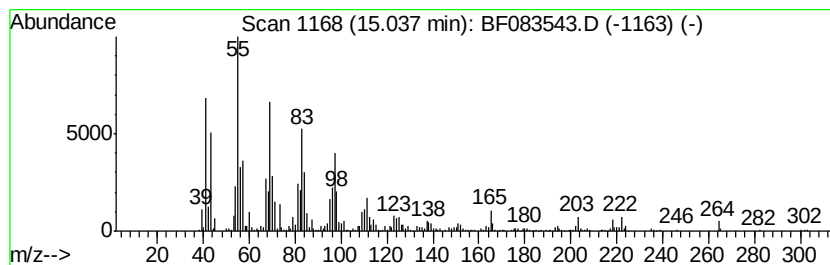
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Oleic Acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	12.37 ng	2540260	Chrysene-d12	17.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Oleic Acid	282 C18H34O2	000112-80-1	87
2	1-Hexadecene	224 C16H32	000629-73-2	80
3	Hexadecenoic acid, Z-11-	254 C16H30O2	002416-20-8	80
4	15-Tetracosenoic acid, methyl es...	380 C25H48O2	002733-88-2	74
5	6-Octadecenoic acid, (Z)-	282 C18H34O2	000593-39-5	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083543.D
Acq On : 7 Dec 2015 4:47
Operator : UM/IZ
Sample : G4614-12
Misc :
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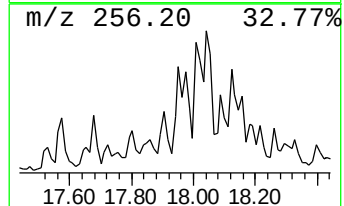
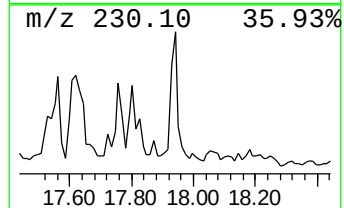
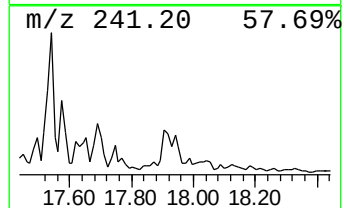
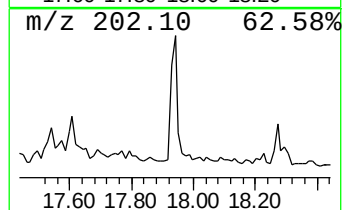
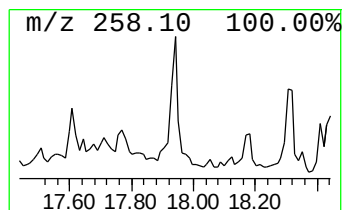
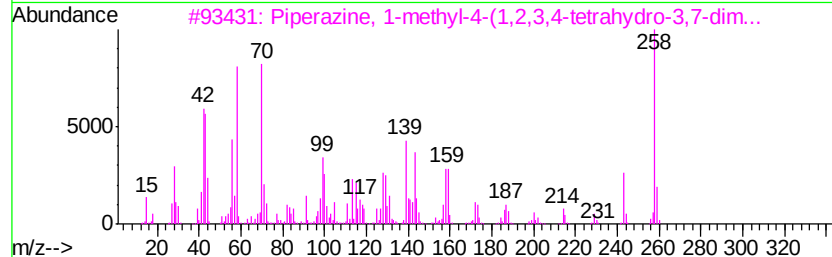
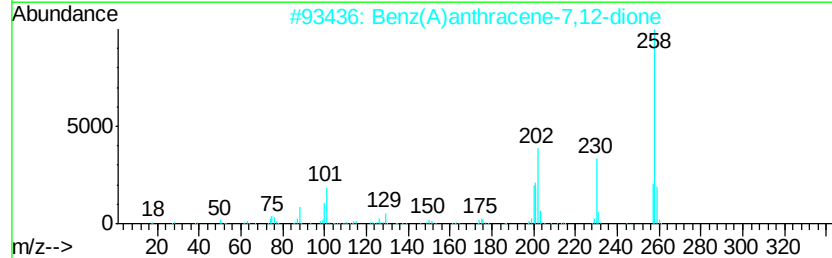
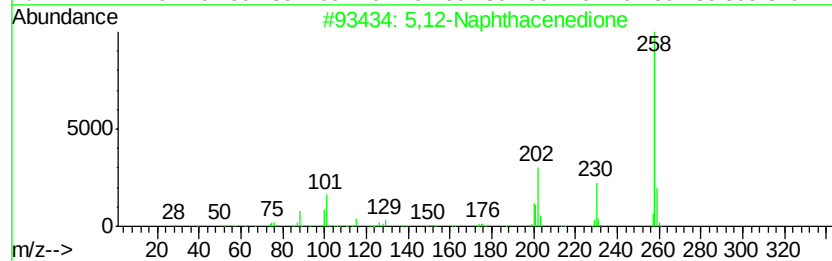
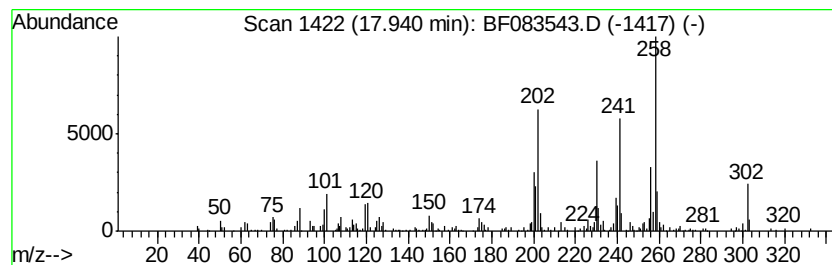
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 5,12-Naphthacenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.94	8.10 ng	404452	Perylene-d12	18.65	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	92
2	Benz(A)anthracene-7,12-dione	258	C18H10O2	002498-66-0	91
3	Piperazine, 1-methyl-4-(1,2,3,4-...	258	C17H26N2	055591-14-5	74
4	5,7-Dimethyl-6-phenyl-1,3-diazaa...	258	C16H22N2O	1000216-37-9	43
5	Benzenamine, 4-(9H-carbazol-9-yl)-	258	C18H14N2	052708-37-9	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083543.D
Acq On : 7 Dec 2015 4:47
Operator : UM/IZ
Sample : G4614-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S33-15

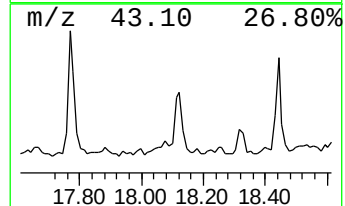
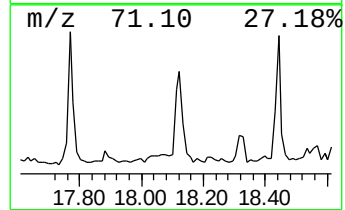
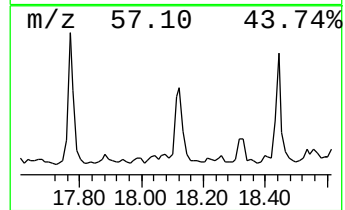
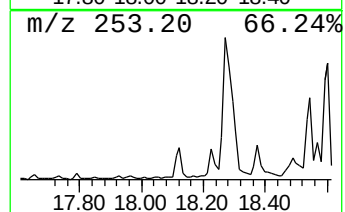
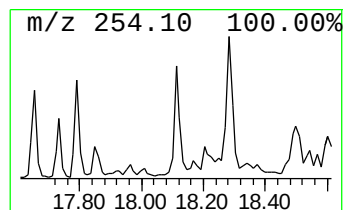
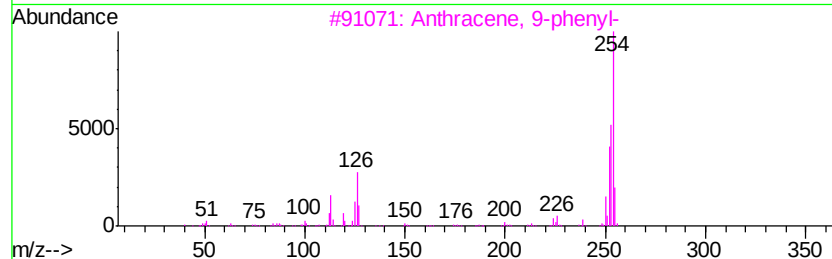
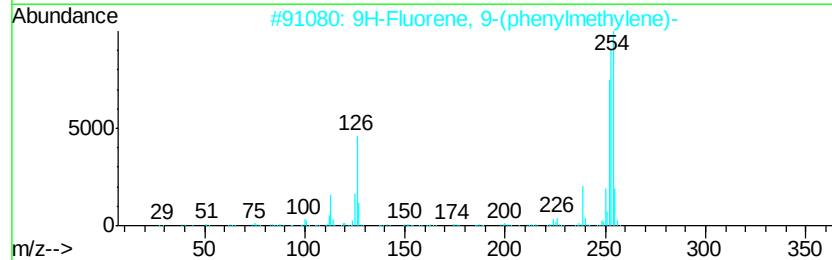
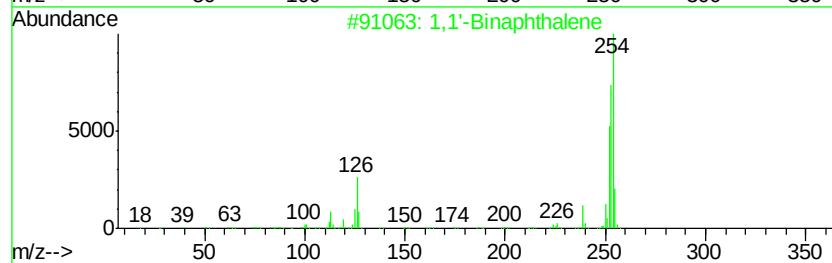
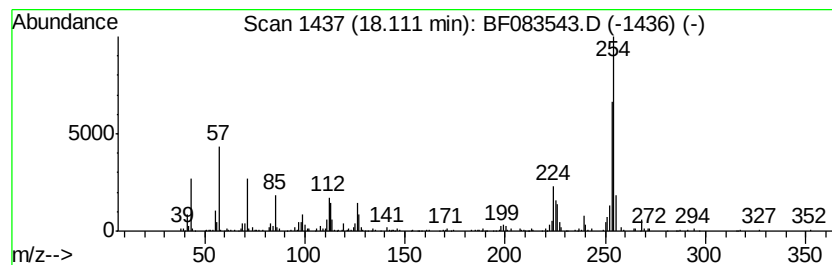
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 1,1'-Binaphthalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	6.76 ng	337256	Perylene-d12	18.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Binaphthalene	254	C20H14	000604-53-5	70
2		9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	70
3		Anthracene, 9-phenyl-	254	C20H14	000602-55-1	64
4		Imidazo[1,2-b]-1,2,4-triazine, 6...	254	C14H14N4O	1000277-24-4	59
5		1,2'-Binaphthalene	254	C20H14	004325-74-0	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083543.D
Acq On : 7 Dec 2015 4:47
Operator : UM/IZ
Sample : G4614-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

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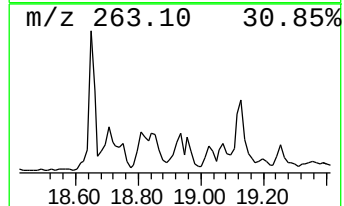
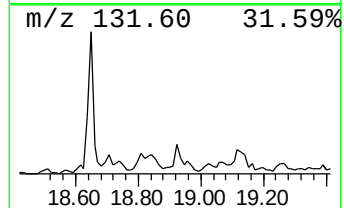
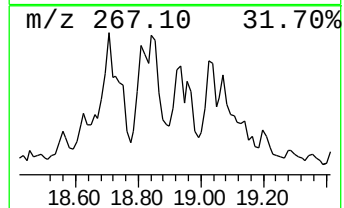
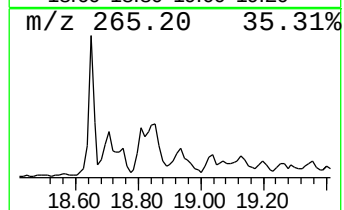
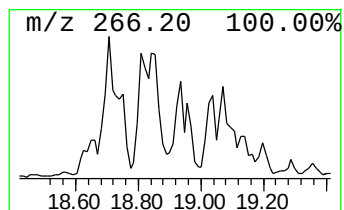
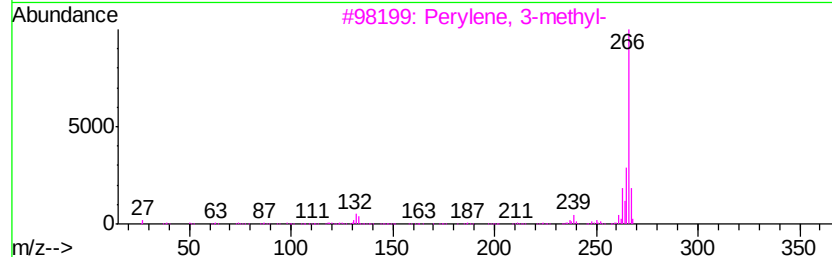
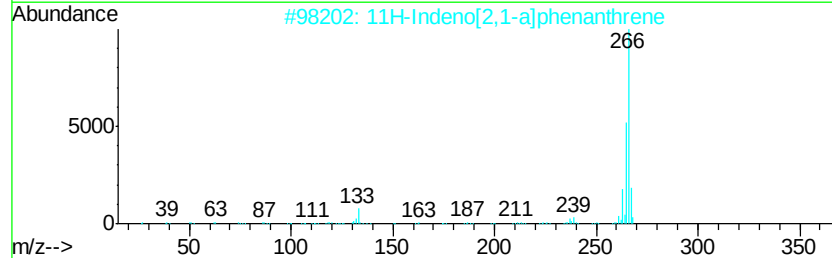
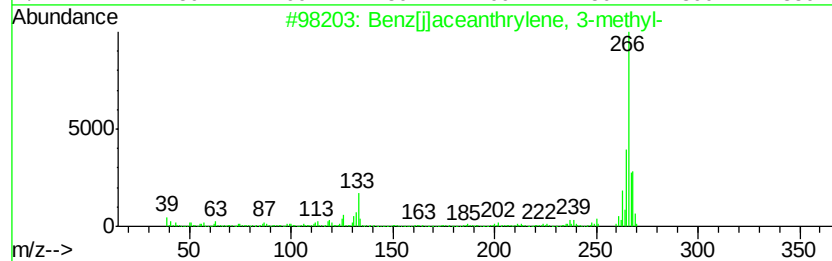
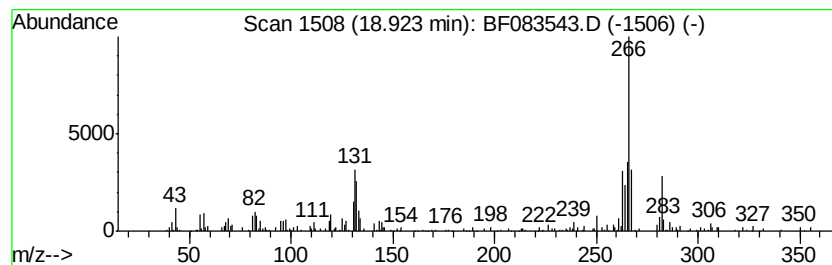
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Benz[j]aceanthrylene, 3-met... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	7.93 ng	395781	Perylene-d12	18.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[il]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	50
2		11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	46
3		Perylene, 3-methyl-	266	C21H14	024471-47-4	45
4		3-Chloro-6-methyl-11H-indolo[3,2...	282	C16H11ClN2O	1000212-76-7	43
5		Thiazole, 4-phenyl-2-(4-tolylami...	266	C16H14N2S	016098-04-7	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120615\
 Data File : BF083543.D
 Acq On : 7 Dec 2015 4:47
 Operator : UM/IZ
 Sample : G4614-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	3.57	27.1	ng	1584290	1	5.73	1171580	20.0
Eicosane	12.04	6.5	ng	504995	4	12.82	1544750	20.0
Phenanthrene, 2-m...	13.64	10.5	ng	808765	4	12.82	1544750	20.0
4H-Cyclopenta[def...	13.80	16.0	ng	1234990	4	12.82	1544750	20.0
Phenanthrene, 1-m...	13.85	10.5	ng	810880	4	12.82	1544750	20.0
n-Hexadecanoic acid	13.88	10.9	ng	845362	4	12.82	1544750	20.0
2-Phenyl naphthalene	14.13	9.8	ng	755913	4	12.82	1544750	20.0
Phenanthrene, 2,5...	14.55	9.1	ng	699257	4	12.82	1544750	20.0
Naphthalene, 2-ph...	14.59	6.6	ng	512186	4	12.82	1544750	20.0
1,2,4,8-Tetrameth...	14.68	7.3	ng	561030	4	12.82	1544750	20.0
Oleic Acid	15.04	12.4	ng	2540260	5	17.01	4107880	20.0
5,12-Naphthacened...	17.94	8.1	ng	404452	6	18.65	998526	20.0
1,1'-Binaphthalene	18.11	6.8	ng	337256	6	18.65	998526	20.0
Benz[j]aceanthryl...	18.92	7.9	ng	395781	6	18.65	998526	20.0