

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
 Data File : BM011688.D
 Acq On : 22 Sep 2017 12:11
 Operator : SJ/JU
 Sample : I5283-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB3B8

Manual Integrations
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Sohil
 9/25/2017 6:23:25 PM

Quant Time: Sep 23 00:14:51 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 22 23:48:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	358174	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	1615906	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	906605	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	1981991	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	1577278	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1361634	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	23847	2.99	ng/uL	0.00
5) Phenol-d5	7.11	99	565867	16.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	414526	17.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	452377	17.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	425383	15.84	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	232466	18.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	249670	19.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	446059	17.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	107045	3.78	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	1422114	18.55	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	1764771	19.04	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	128817	8.94	ng/ul	0.00
58) Fluorene-d10	15.58	176	1249246	18.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	144880	12.56	ng/ul	0.00
71) Anthracene-d10	17.43	188	1898887	19.46	ng/ul	0.00
79) Pyrene-d10	19.72	212	2039752	27.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	1287632	19.84	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.14	94	38087	1.116	ng/ul#	87
28) Naphthalene	10.82	128	132218	1.578	ng/ul	95
34) 2-Methylnaphthalene	12.42	142	63654	1.023	ng/ul	99
45) Dimethylphthalate	14.04	163	416598	5.677	ng/ul#	97
50) Acenaphthene	14.66	153	216843	3.440	ng/ul	97
54) Dibenzofuran	14.99	168	189536	2.150	ng/ul	99
59) Fluorene	15.64	166	239494	3.241	ng/ul	98
70) Phenanthrene	17.37	178	4345614	39.336	ng/ul	99
72) Anthracene	17.47	178	812416	7.167	ng/ul	98
75) Carbazole	17.73	167	419815	4.341	ng/ul	97
77) Fluoranthene	19.39	202	6497128	57.178	ng/ul#	92
80) Pyrene	19.75	202	5571122	60.539	ng/ul#	91
83) Benzo(a)anthracene	21.49	228	2380652	27.412	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.39	149	100638	1.548	ng/ul	94
85) Chrysene	21.54	228	2375723	30.175	ng/ul	98
88) Benzo(b)fluoranthene	23.16	252	2677026	32.681	ng/ul#	93
89) Benzo(k)fluoranthene	23.20	252	802598m	10.202	ng/ul	
91) Benzo(a)pyrene	23.77	252	1753987	22.685	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	26.30	276	1210423	14.231	ng/ul#	94
93) Dibenzo(a,h)anthracene	26.30	278	307766m	4.267	ng/ul	
94) Benzo(a,h,i)perylene	27.06	276	1140299	16.555	ng/ul#	92

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Manual Integrations
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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed						

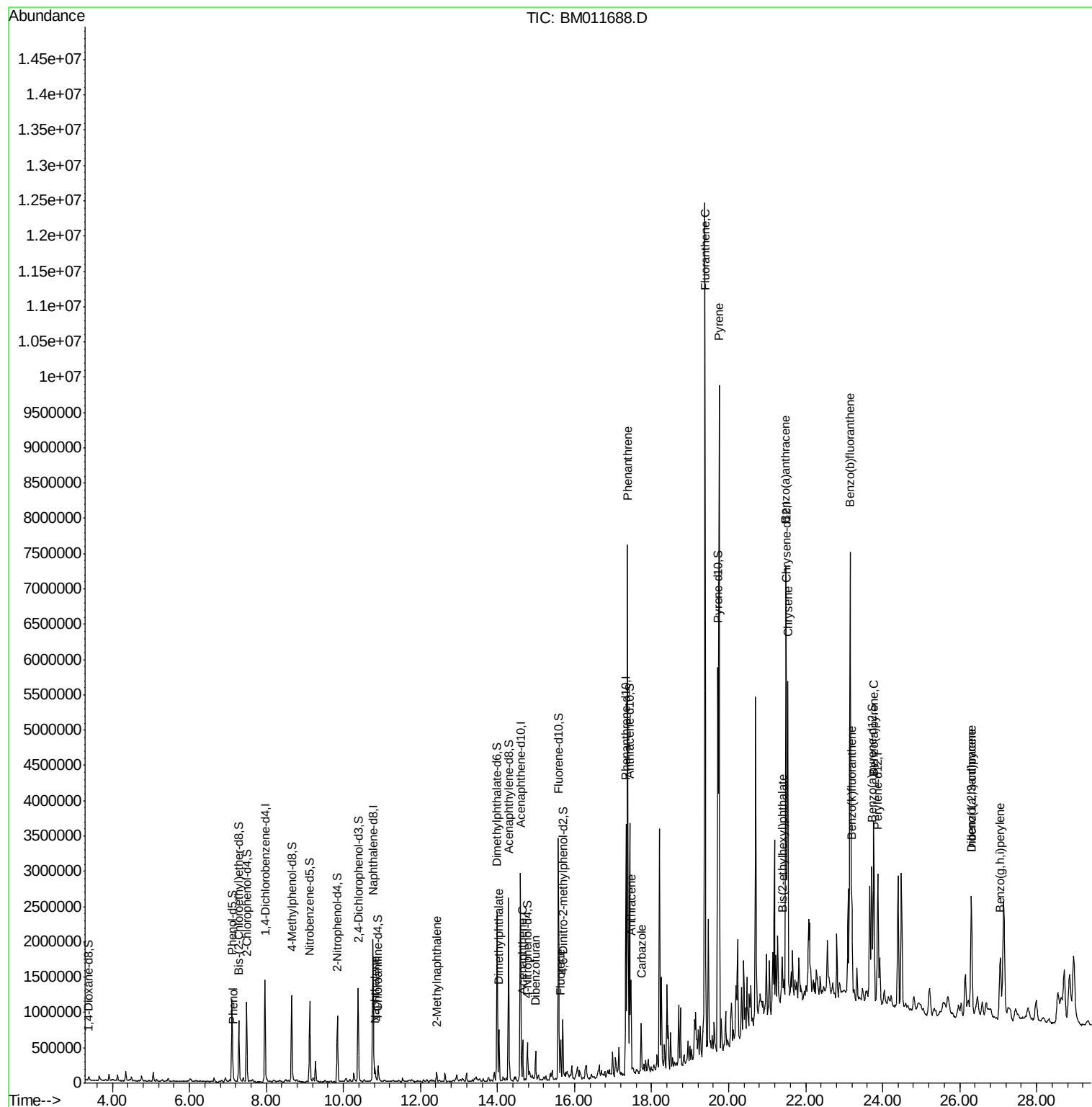
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
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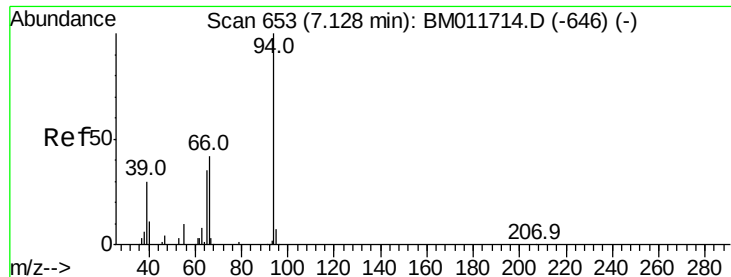
Instrument :
BNA_M
ClientSampled :
CB3B8

Manual Integrations
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#6

Phenol

Concen: 1.116 ng/ul

RT: 7.14 min Scan# 655

Delta R.T. 0.00 min

Lab File: BM011688.D

Acq: 22 Sep 2017 12:11

Instrument :

BNA_M

ClientSampled :

CB3B8

Tot Ion: 94 Resp: 38087

Ion Ratio Lower Upper

94 100

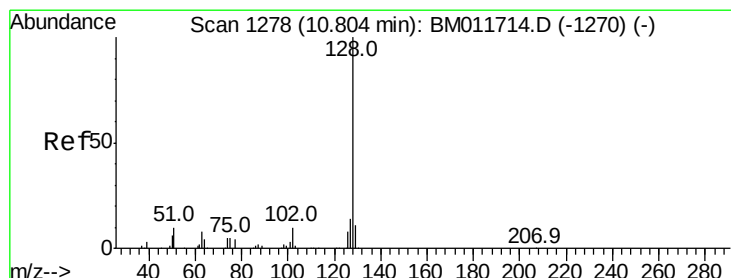
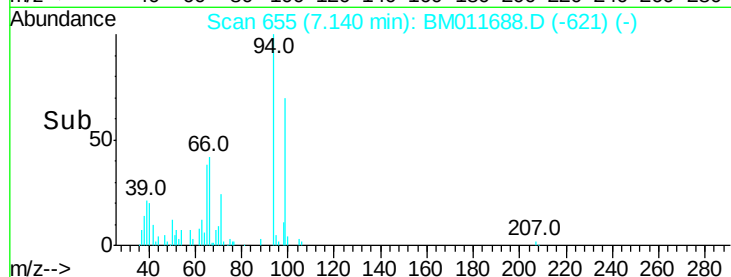
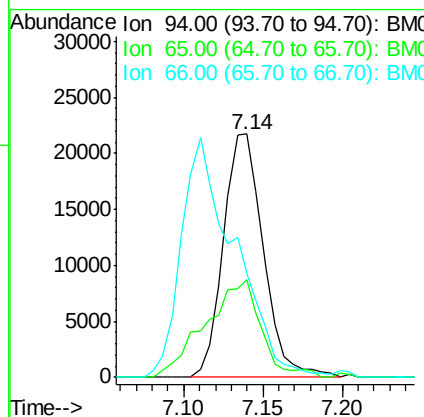
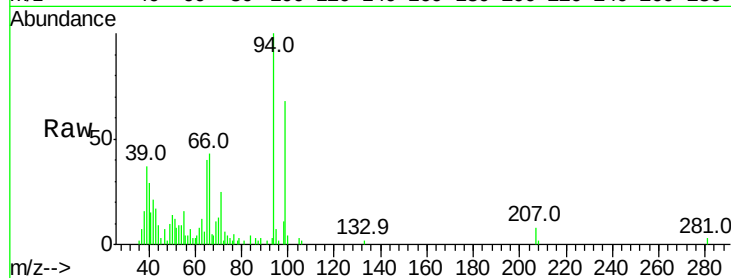
65 39.9 23.0 34.6#

66 42.5 30.4 45.6

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#28

Naphthalene

Concen: 1.578 ng/ul

RT: 10.82 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BM011688.D

Acq: 22 Sep 2017 12:11

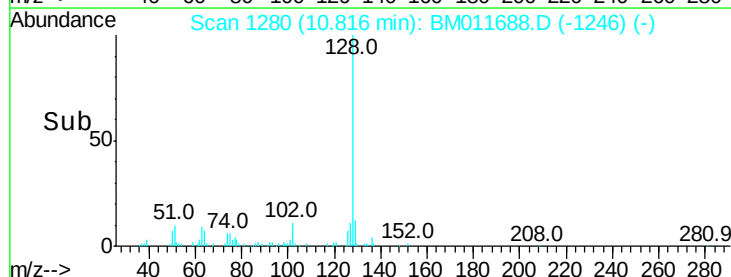
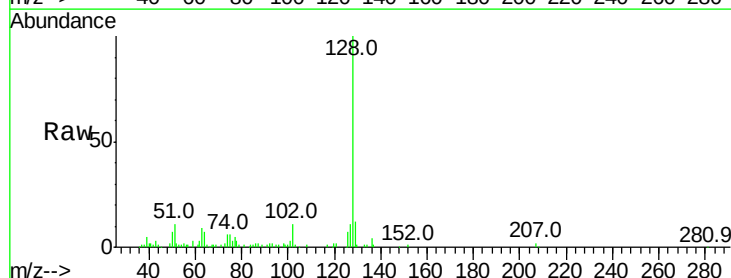
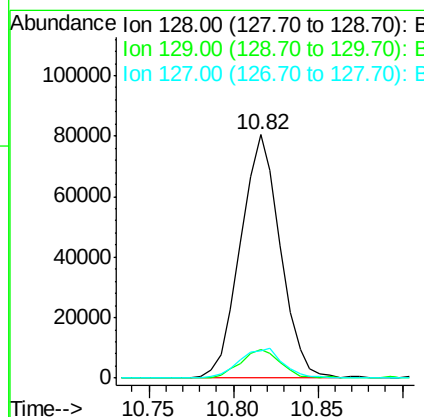
Tgt Ion: 128 Resp: 132218

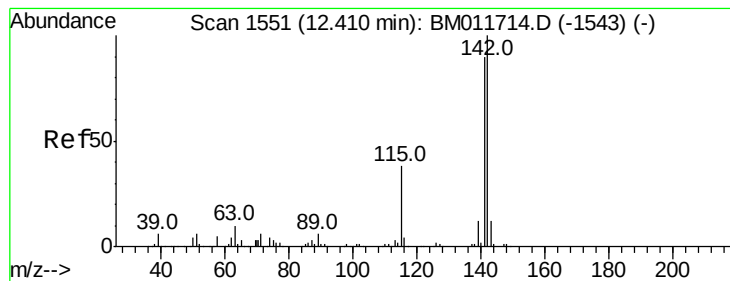
Ion Ratio Lower Upper

128 100

129 11.8 8.3 12.5

127 11.4 10.8 16.2





#34

2-Methylnaphthalene

Concen: 1.023 ng/ul

RT: 12.42 min Scan# 1553

Delta R.T. 0.00 min

Lab File: BM011688.D

Acq: 22 Sep 2017 12:11

Instrument :

BNA_M

ClientSampleId :

CB3B8

Tot Ion:142 Resp: 63654

Ion Ratio Lower Upper

142 100

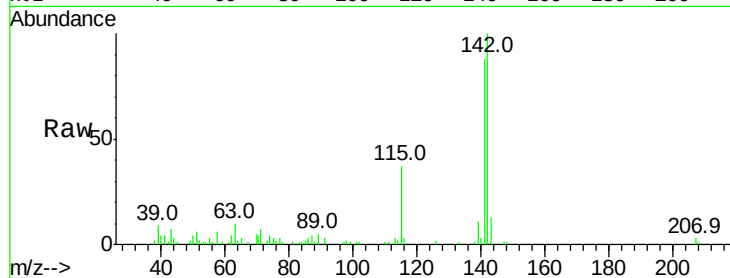
141 88.3 71.4 107.2

Manual Integrations

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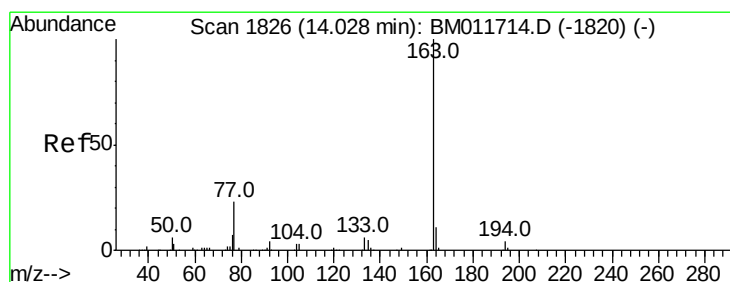
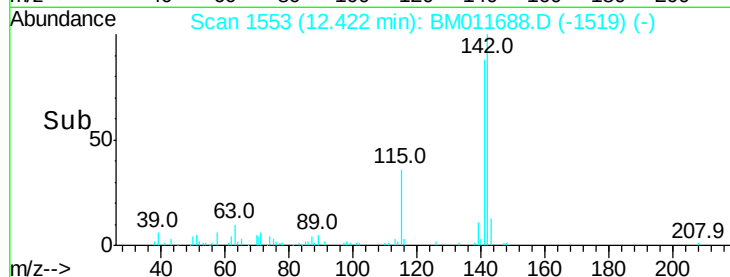
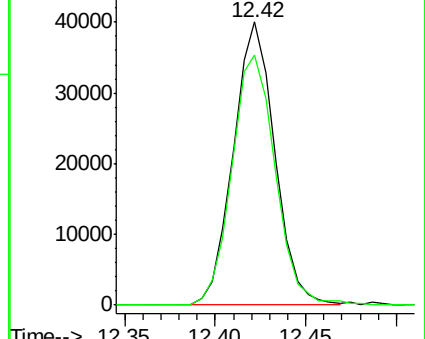
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#45

Dimethylphthalate

Concen: 5.677 ng/ul

RT: 14.04 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BM011688.D

Acq: 22 Sep 2017 12:11

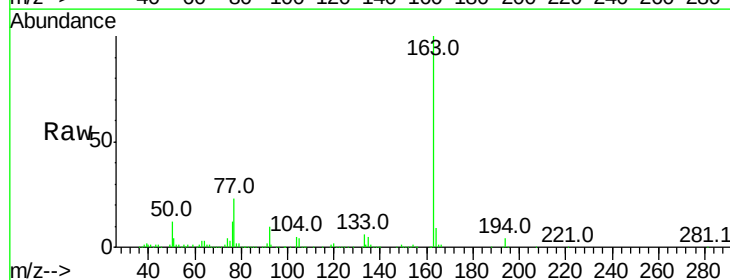
Tgt Ion:163 Resp: 416598

Ion Ratio Lower Upper

163 100

194 4.0 4.0 6.0#

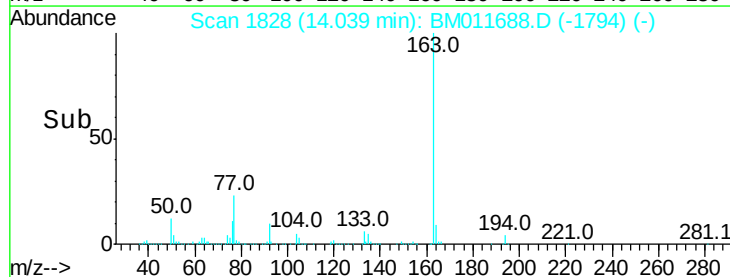
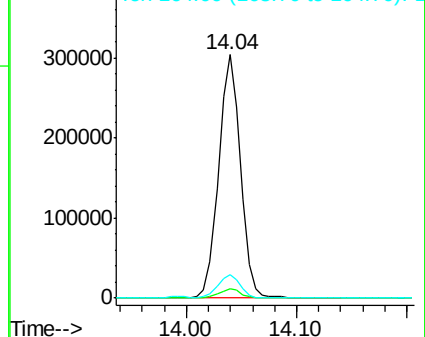
164 9.4 8.4 12.6

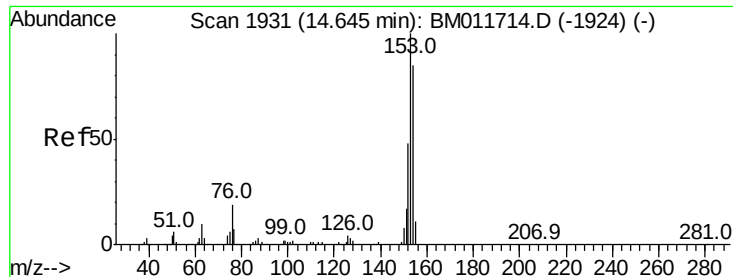


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

Acenaphthene

Concen: 3.440 ng/ul

RT: 14.66 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BM011688.D

Acq: 22 Sep 2017 12:11

Instrument :

BNA_M

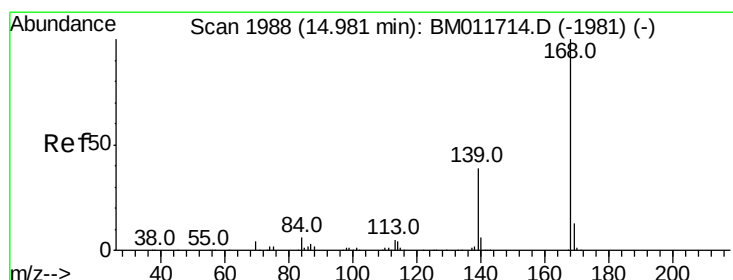
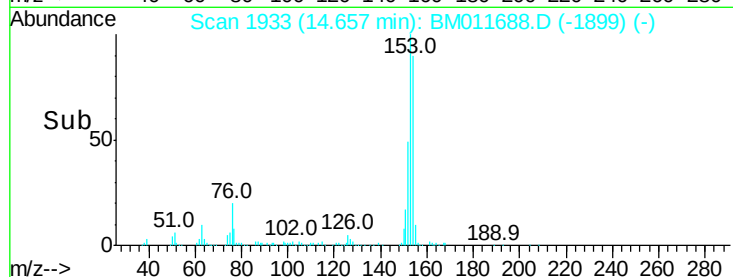
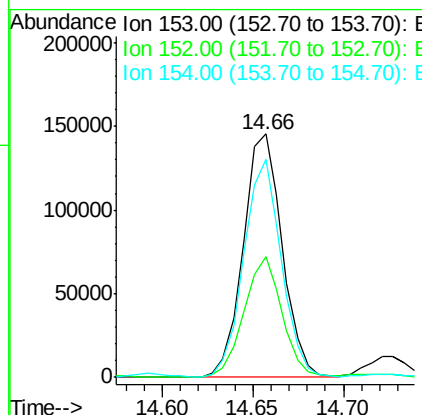
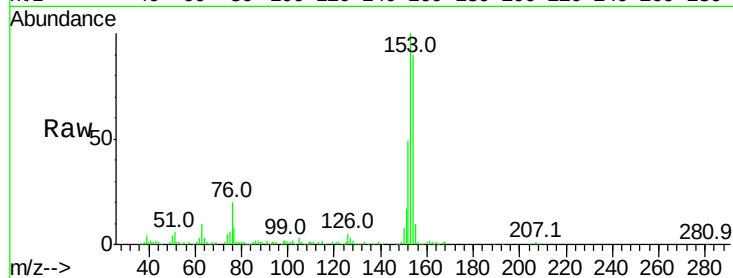
ClientSampled :

CB3B8

Tot Ion:	153	Resp:	216843
Ion Ratio	Lower	Upper	
153	100		
152	49.5	37.9	56.9
154	89.8	69.8	104.6

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#54

Dibenzofuran

Concen: 2.150 ng/ul

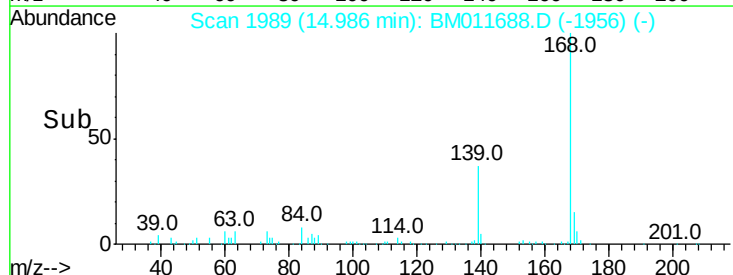
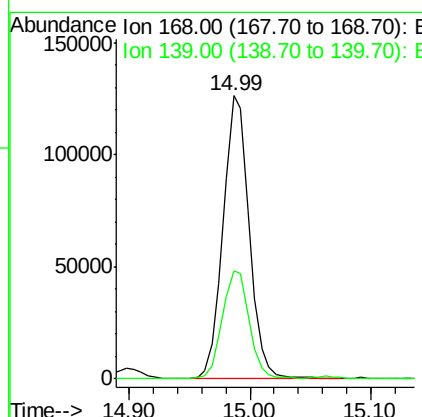
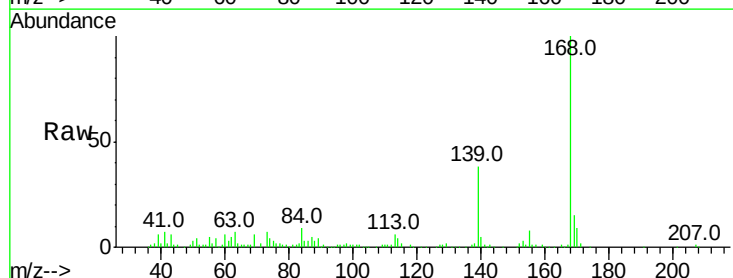
RT: 14.99 min Scan# 1989

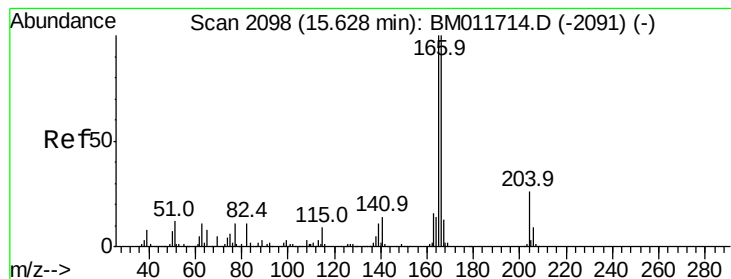
Delta R.T. -0.01 min

Lab File: BM011688.D

Acq: 22 Sep 2017 12:11

Tgt Ion:	168	Resp:	189536
Ion Ratio	Lower	Upper	
168	100		
139	38.0	31.0	46.4





#59

Fluorene

Concen: 3.241 ng/ul

RT: 15.64 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BM011688.D

Acq: 22 Sep 2017 12:11

Instrument :

BNA_M

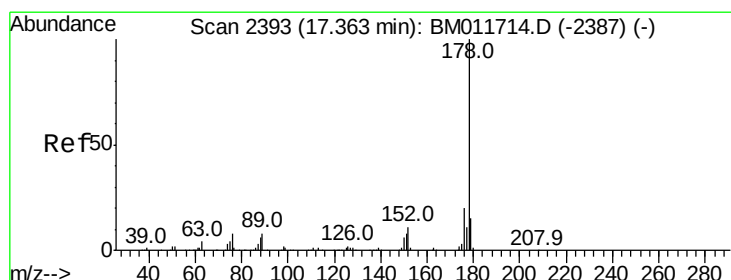
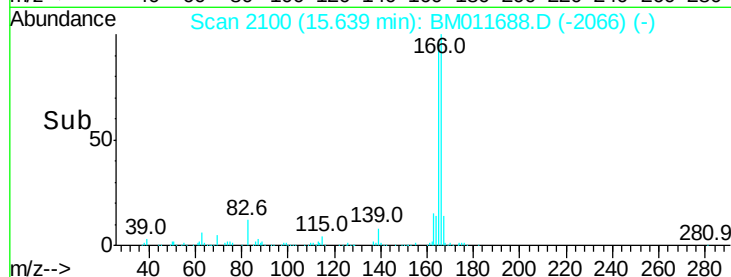
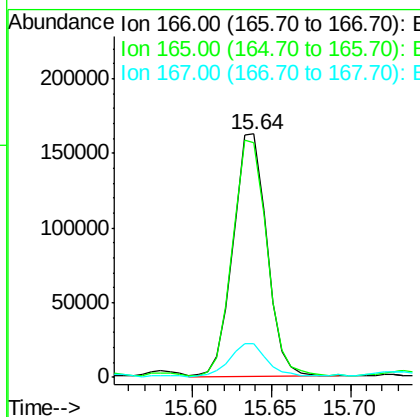
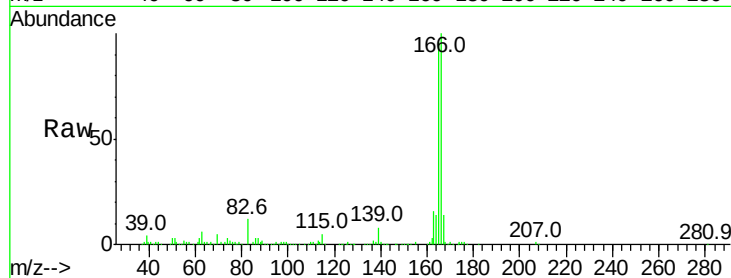
ClientSampleId :

CB3B8

Tot Ion:	166	Resp:	239494
Ion Ratio	Lower	Upper	
166	100		
165	96.3	78.4	117.6
167	13.8	11.1	16.7

Manual Integrations
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#70

Phenanthrene

Concen: 39.336 ng/ul

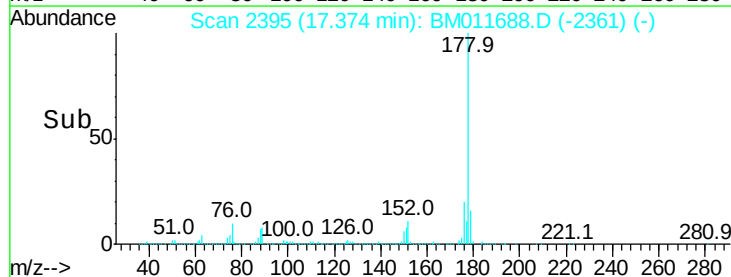
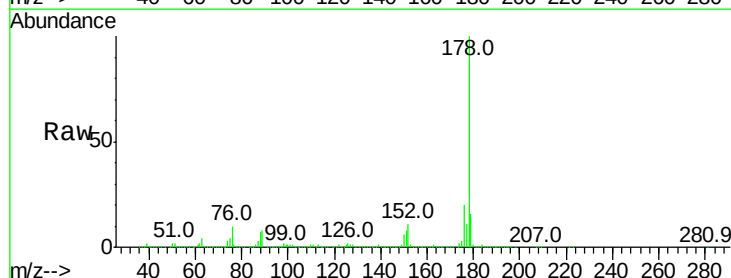
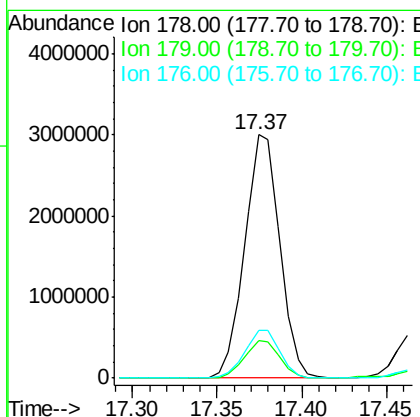
RT: 17.37 min Scan# 2395

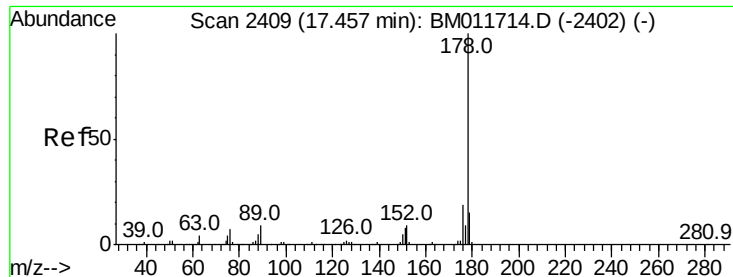
Delta R.T. 0.00 min

Lab File: BM011688.D

Acq: 22 Sep 2017 12:11

Tgt Ion:	178	Resp:	4345614
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.3	18.5
176	19.6	15.4	23.0





#72

Anthracene

Concen: 7.167 ng/ul

RT: 17.47 min Scan# 2411

Delta R.T. 0.00 min

Lab File: BM011688.D

Acq: 22 Sep 2017 12:11

Instrument :

BNA_M

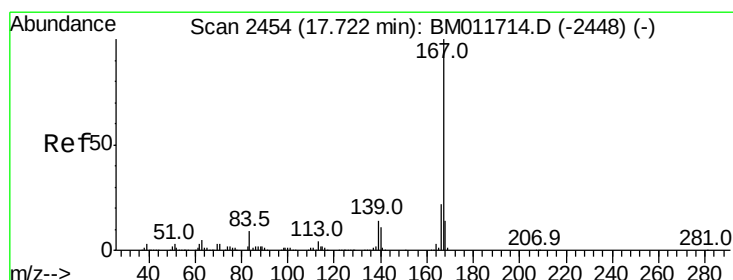
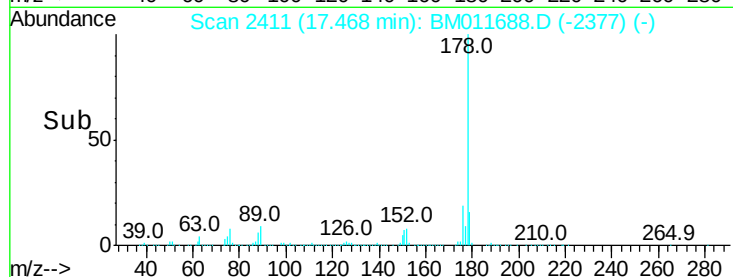
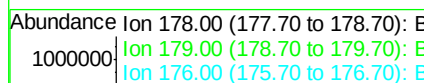
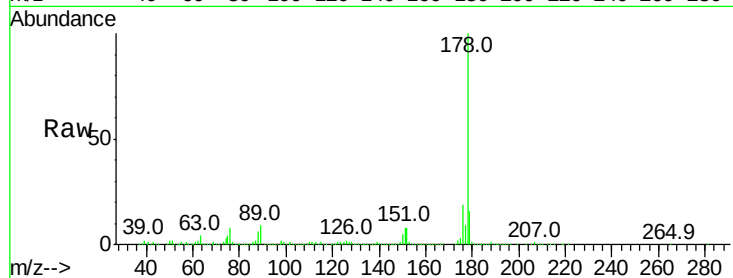
ClientSampled :

CB3B8

Tot Ion:	178	Resp:	812416
Ion Ratio	Lower	Upper	
178	100		
179	15.8	13.4	20.2
176	18.6	15.4	23.0

Manual Integrations
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#75

Carbazole

Concen: 4.341 ng/ul

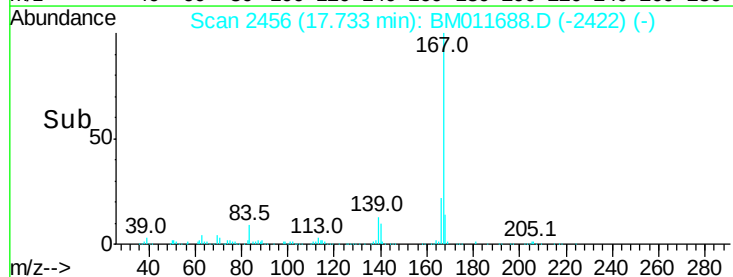
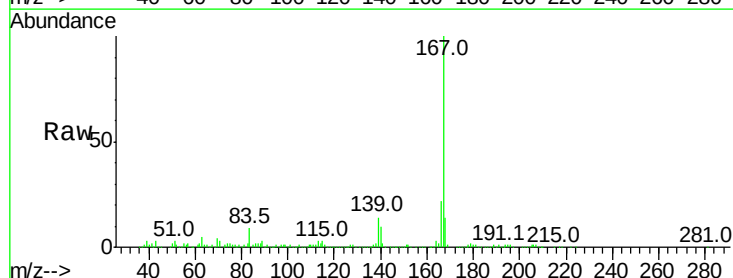
RT: 17.73 min Scan# 2456

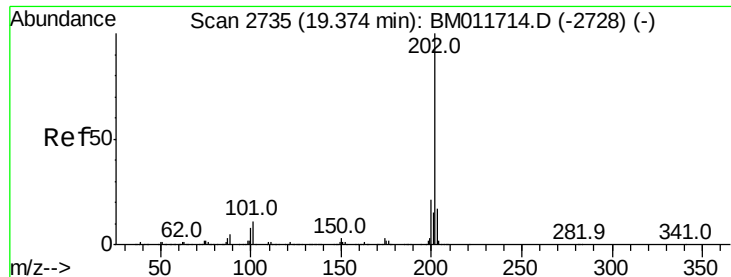
Delta R.T. 0.00 min

Lab File: BM011688.D

Acq: 22 Sep 2017 12:11

Tgt Ion:	167	Resp:	419815
Ion Ratio	Lower	Upper	
167	100		
166	22.0	17.0	25.4
139	13.6	9.1	13.7





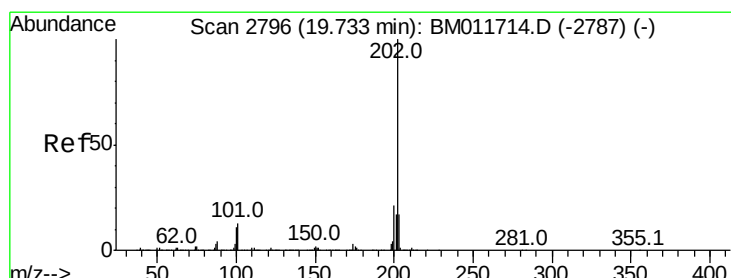
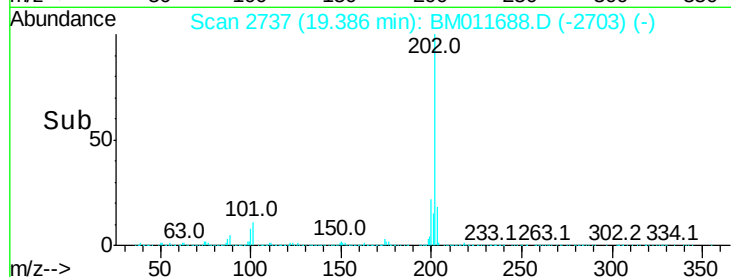
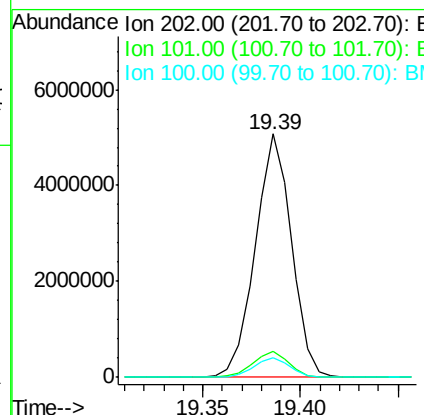
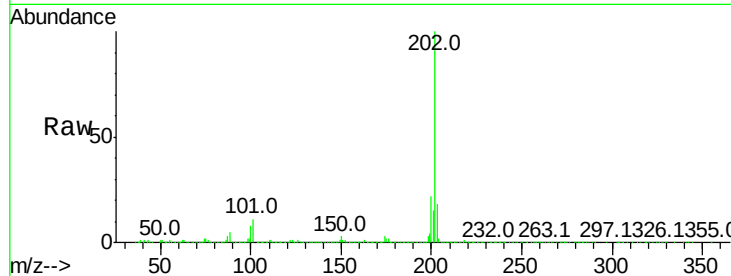
#77
 Fluoranthene
 Concen: 57.178 ng/ul
 RT: 19.39 min Scan# 2737
 Delta R.T. 0.00 min
 Lab File: BM011688.D
 Acq: 22 Sep 2017 12:11

Instrument :
 BNA_M
 ClientSampleId :
 CB3B8

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.8	6.1	9.1#
100	8.0	4.6	7.0#

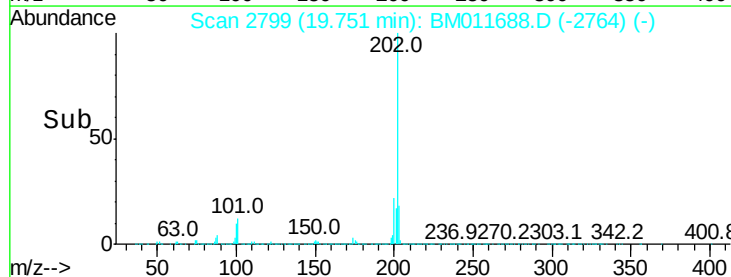
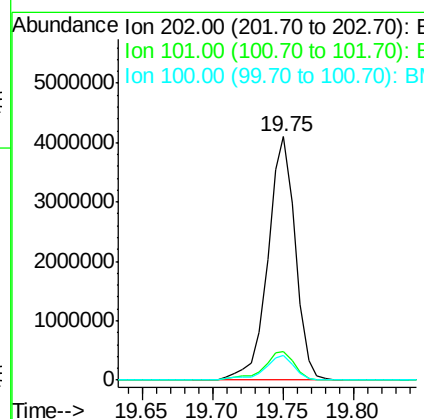
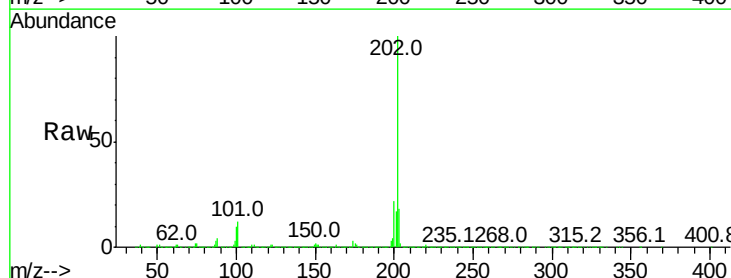
Manual Integrations
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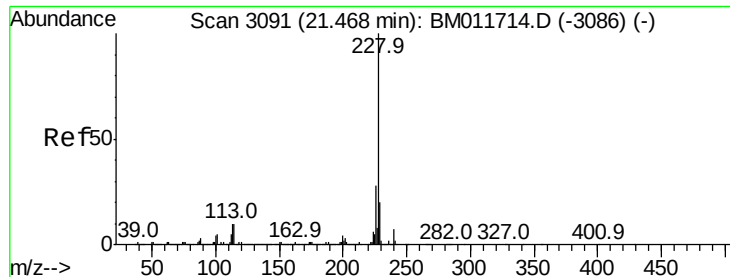
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#80
 Pyrene
 Concen: 60.539 ng/ul
 RT: 19.75 min Scan# 2799
 Delta R.T. 0.01 min
 Lab File: BM011688.D
 Acq: 22 Sep 2017 12:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	6.9	10.3#
100	9.9	5.6	8.4#





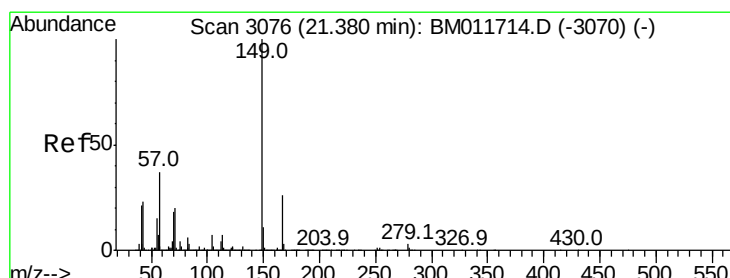
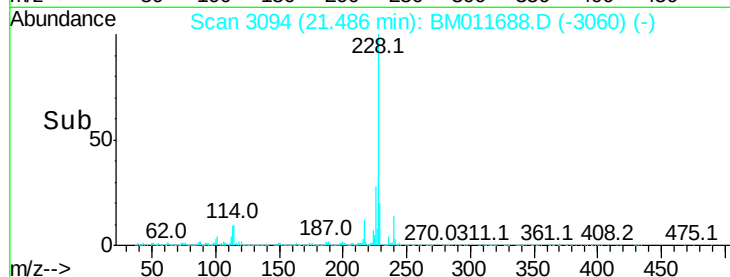
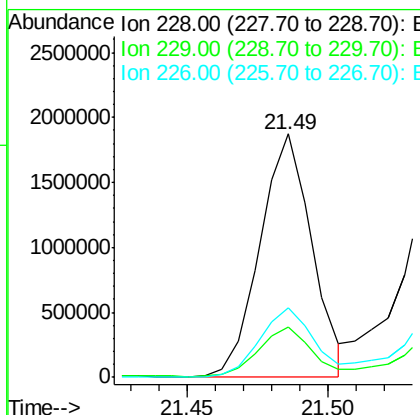
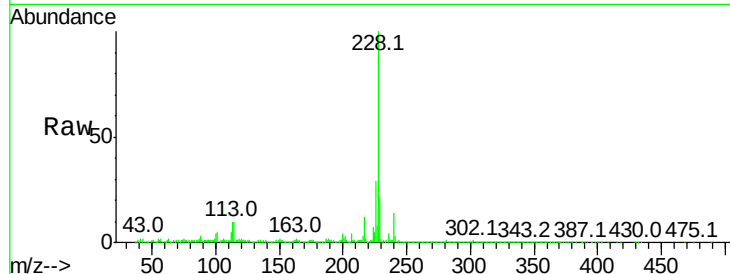
#83
Benzo(a)anthracene
Concen: 27.412 ng/ul
RT: 21.49 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BM011688.D
Acq: 22 Sep 2017 12:11

Instrument :
BNA_M
ClientSampled :
CB3B8

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.0	24.0
226	28.6	21.8	32.8

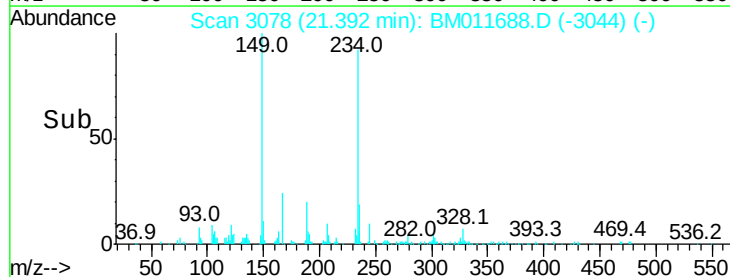
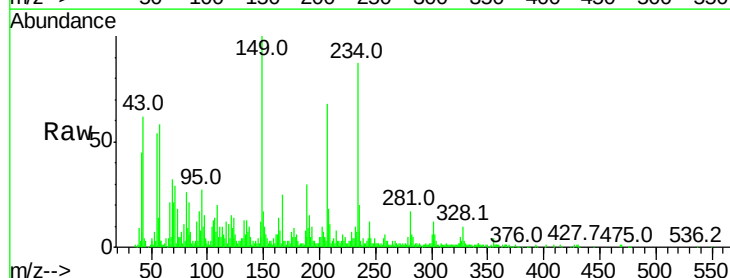
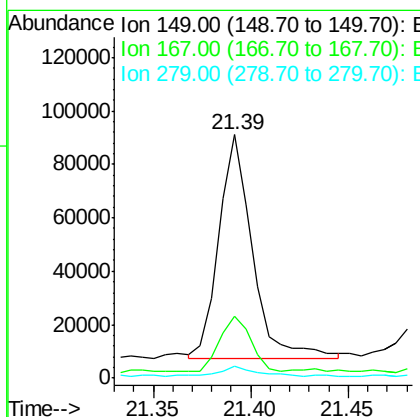
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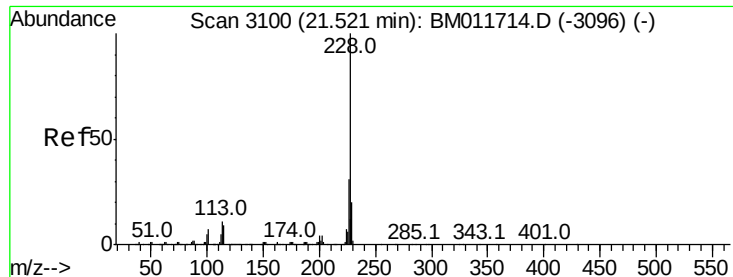
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#84
Bis(2-ethylhexyl)phthalate
Concen: 1.548 ng/ul
RT: 21.39 min Scan# 3078
Delta R.T. 0.00 min
Lab File: BM011688.D
Acq: 22 Sep 2017 12:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.5	23.0	34.6
279	4.8	4.3	6.5





#85

Chrysene

Concen: 30.175 ng/ul

RT: 21.54 min Scan# 3103

Delta R.T. 0.00 min

Lab File: BM011688.D

Acq: 22 Sep 2017 12:11

Instrument :

BNA_M

ClientSampled :

CB3B8

Tot Ion:228 Resp: 2375723

Ion Ratio Lower Upper

228 100

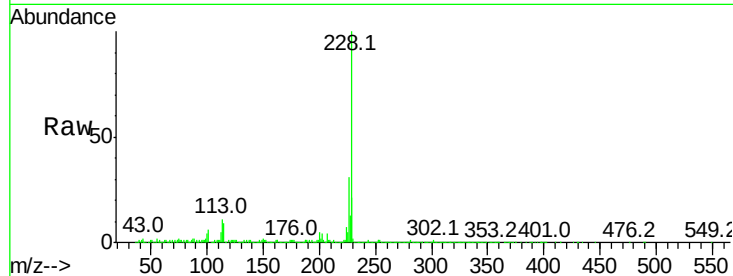
226 31.1 24.1 36.1

229 20.8 16.0 24.0

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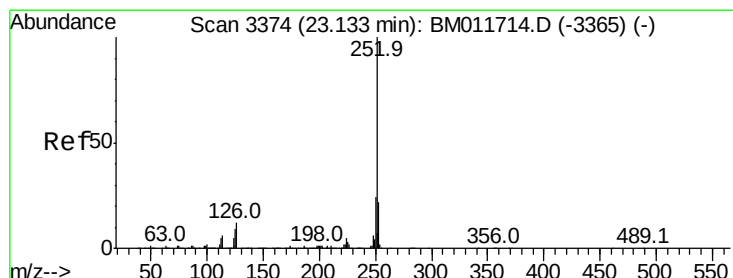
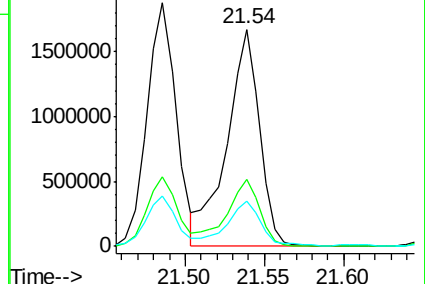
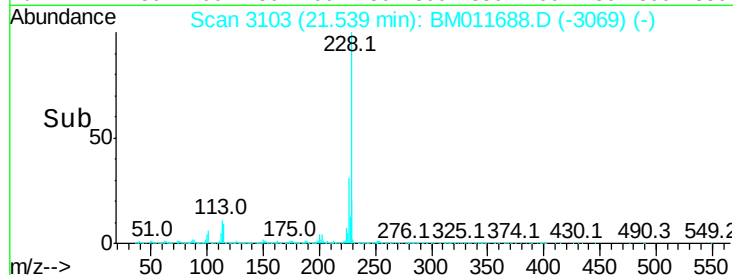
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#88

Benzo(b)fluoranthene

Concen: 32.681 ng/ul

RT: 23.16 min Scan# 3378

Delta R.T. 0.01 min

Lab File: BM011688.D

Acq: 22 Sep 2017 12:11

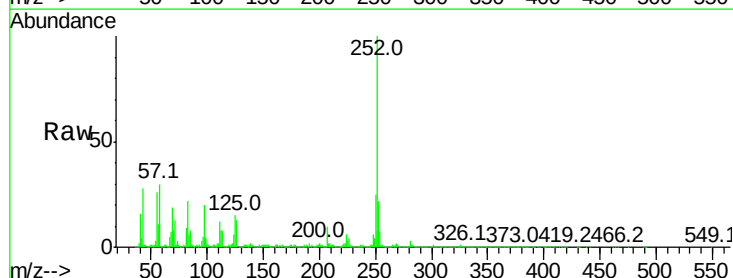
Tgt Ion:252 Resp: 2677026

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

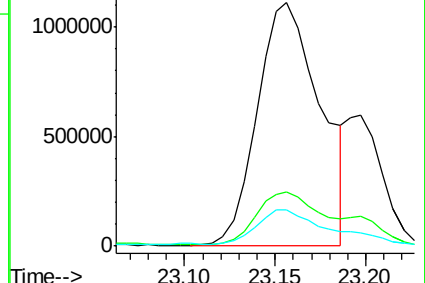
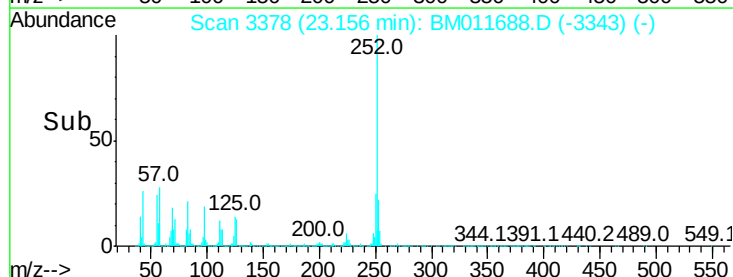
125 14.7 4.9 7.3#

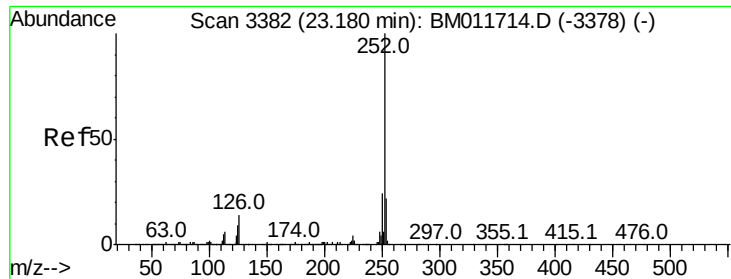


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





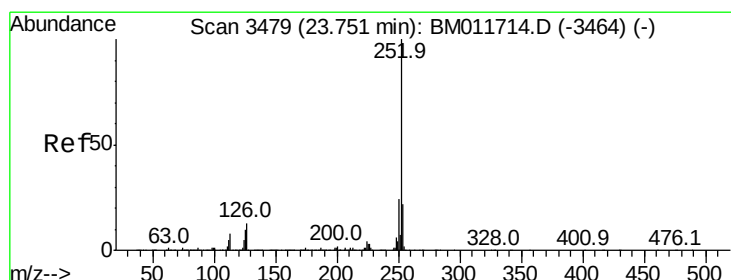
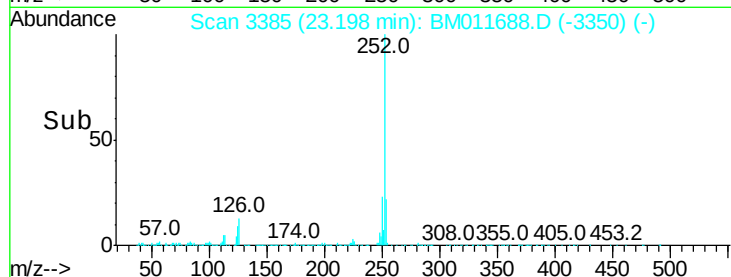
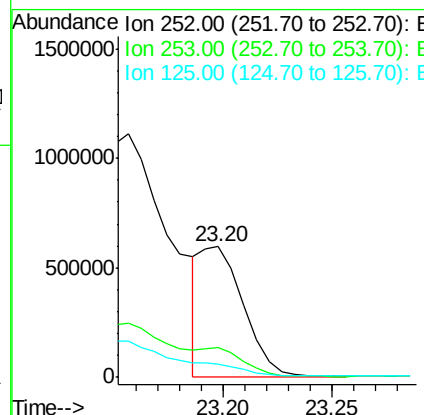
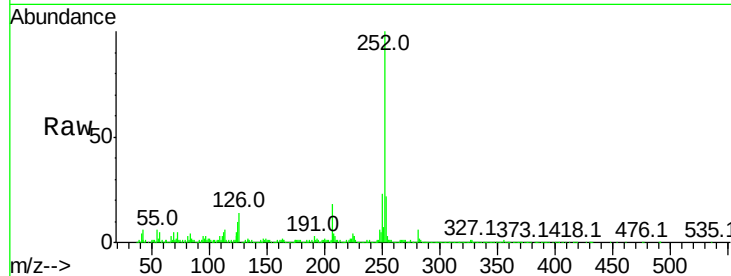
#89
Benzo(k)fluoranthene
Concen: 10.202 ng/ul m
RT: 23.20 min Scan# 3385
Delta R.T. 0.01 min
Lab File: BM011688.D
Acq: 22 Sep 2017 12:11

Instrument :
BNA_M
ClientSampled :
CB3B8

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	10.0	5.4	8.0#

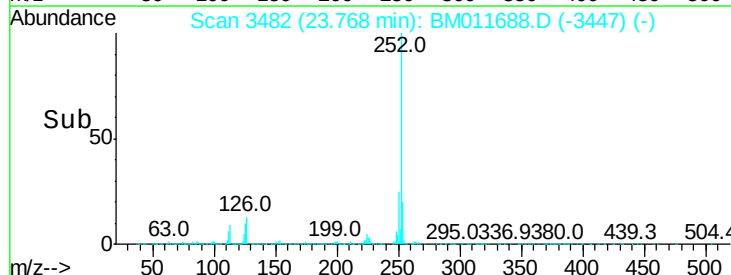
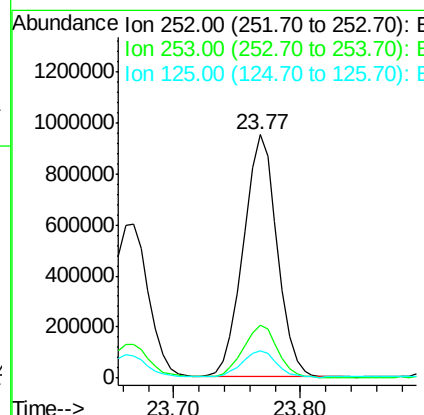
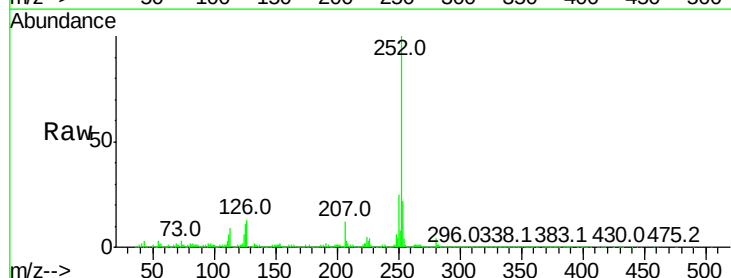
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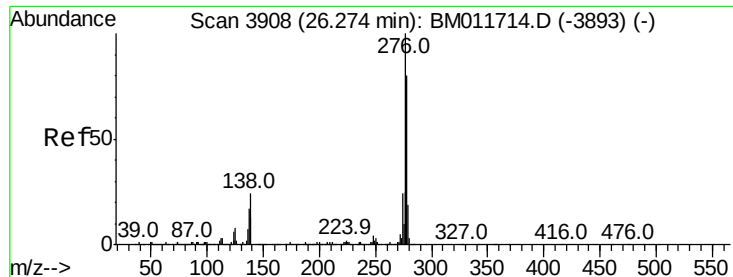
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#91
Benzo(a)pyrene
Concen: 22.685 ng/ul
RT: 23.77 min Scan# 3482
Delta R.T. 0.01 min
Lab File: BM011688.D
Acq: 22 Sep 2017 12:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	11.1	5.8	8.6#





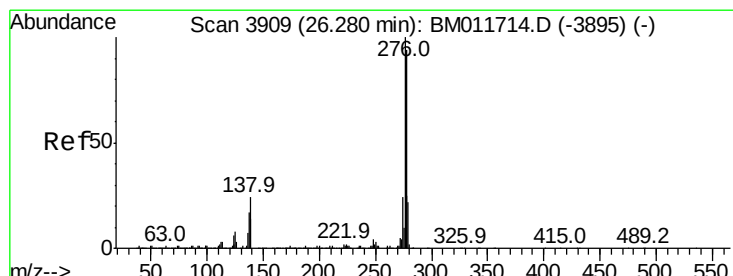
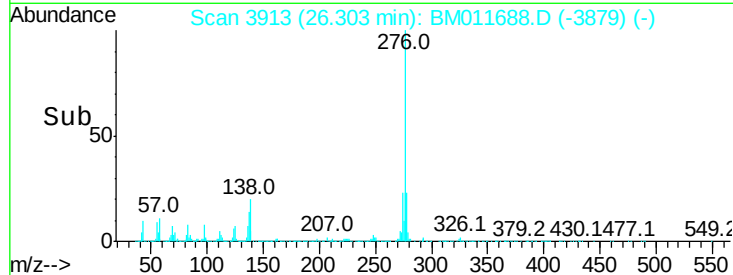
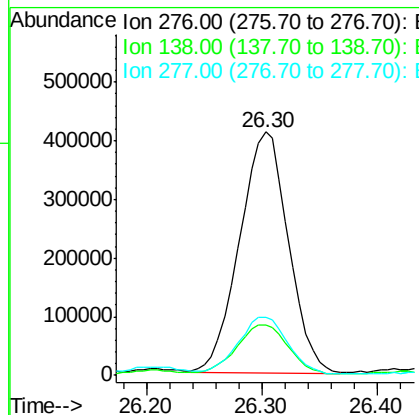
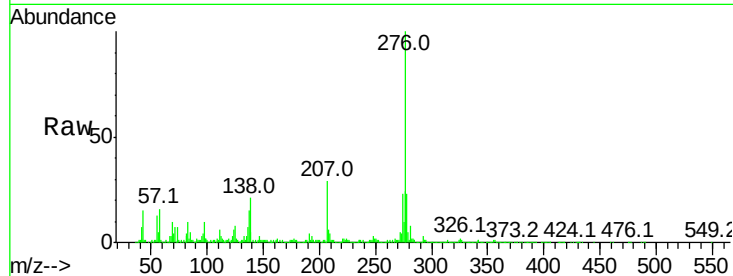
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 14.231 ng/ul
 RT: 26.30 min Scan# 3913
 Delta R.T. 0.00 min
 Lab File: BM011688.D
 Acq: 22 Sep 2017 12:11

Instrument :
 BNA_M
 ClientSampled :
 CB3B8

Tot Ion:	276	Resp:	1210423
Ion	Ratio	Lower	Upper
276	100		
138	20.6	10.9	16.3#
277	23.6	18.9	28.3

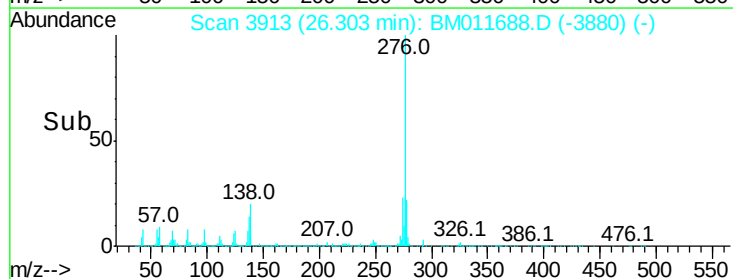
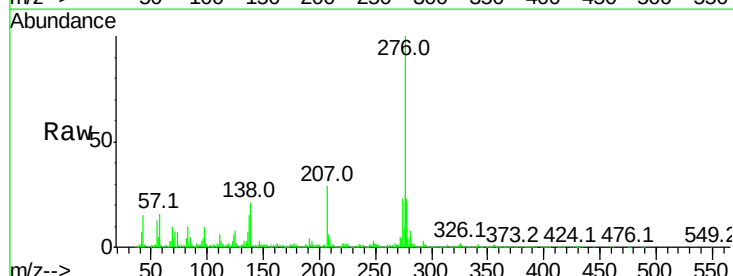
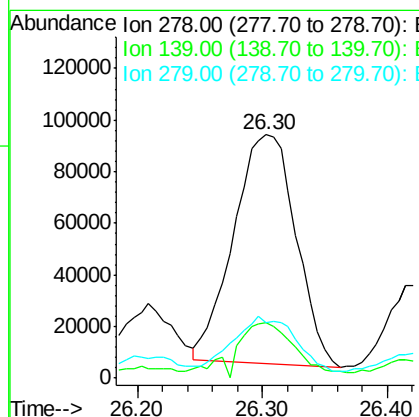
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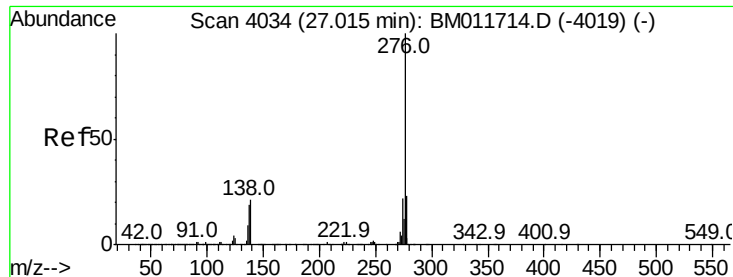
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#93
 Dibenzo(a,h)anthracene
 Concen: 4.267 ng/ul m
 RT: 26.30 min Scan# 3913
 Delta R.T. -0.01 min
 Lab File: BM011688.D
 Acq: 22 Sep 2017 12:11

Tgt Ion:	278	Resp:	307766
Ion	Ratio	Lower	Upper
278	100		
139	22.9	9.0	13.4#
279	22.7	19.1	28.7





#94
 Benzo(a,h,i)perylene
 Concen: 16.555 ng/ul
 RT: 27.06 min Scan# 4041
 Delta R.T. 0.01 min
 Lab File: BM011688.D
 Acq: 22 Sep 2017 12:11

Instrument :
 BNA_M
 ClientSampleId :
 CB3B8

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.9	11.2	16.8#
277	24.4	19.0	28.6

Manual Integrations
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