

Data Path : Z:\HPCHEM1\BNA_M\Data\BM081516\
 Data File : BM007119.D
 Acq On : 15 Aug 2016 15:54
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02040

Quant Time: Aug 15 17:07:19 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM081516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 15:51:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	2002	0.40	ng/ul	0.00
2) Naphthalene-d8	10.60	136	7180	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.43	164	3417	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.18	188	7304	0.40	ng/ul	0.00
16) Chrysene-d12	21.37	240	7032	0.40	ng/ul	0.00
20) Perylene-d12	23.64	264	6833	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.18	152	3675	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.21	212	6933	0.42	ng/ul	0.00

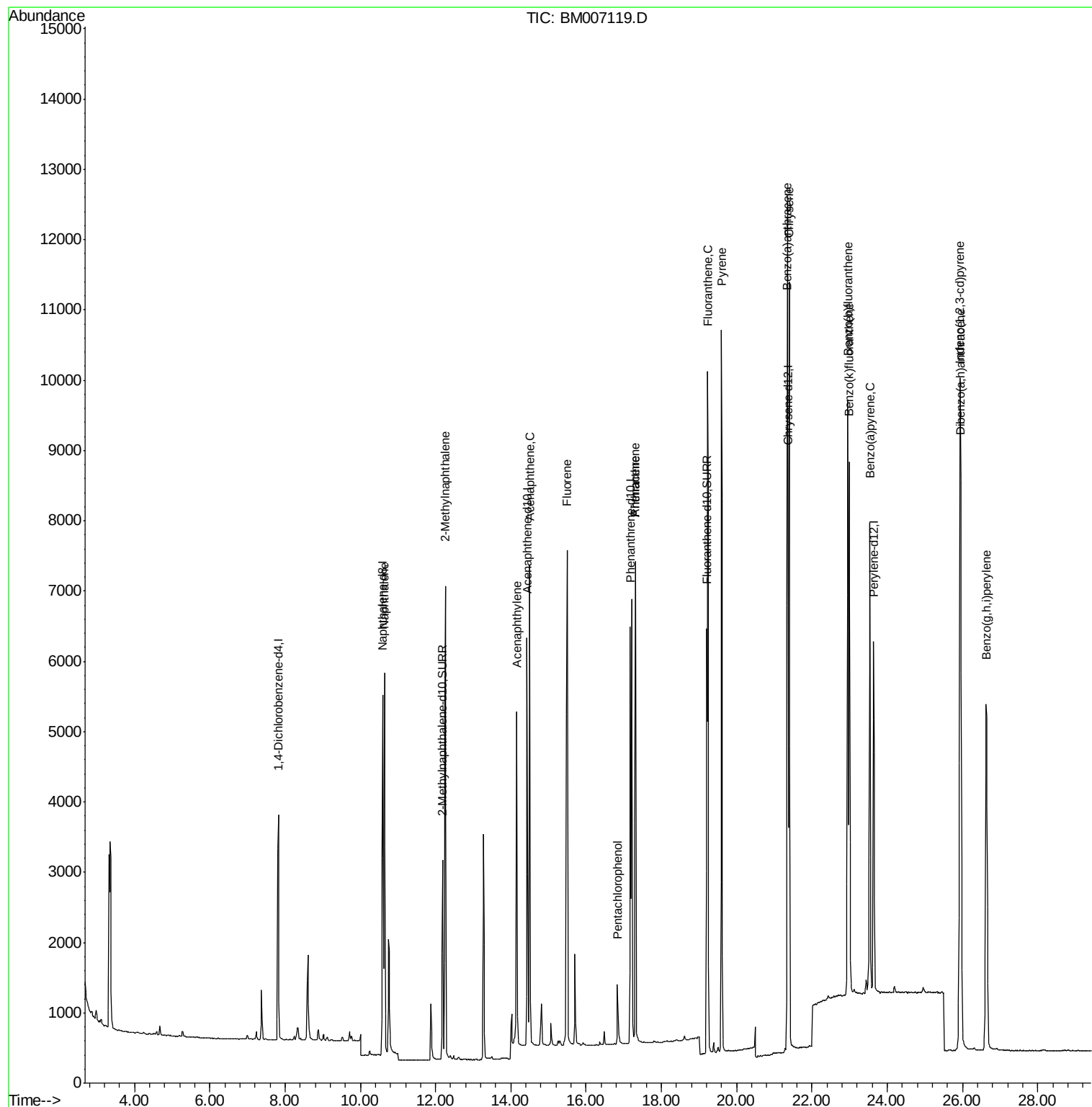
Target Compounds				Qvalue		
3) Naphthalene	10.65	128	7407	0.41	ng/ul	97
5) 2-Methylnaphthalene	12.26	142	4970	0.41	ng/ul	100
7) Acenaphthylene	14.16	152	7490	0.40	ng/ul#	91
8) Acenaphthene	14.50	153	5130	0.43	ng/ul	96
9) Fluorene	15.50	166	5754	0.43	ng/ul	98
11) Pentachlorophenol	16.83	266	780	0.43	ng/ul	96
12) Phenanthrene	17.31	178	8220	0.40	ng/ul	98
13) Anthracene	17.31	178	8502	0.43	ng/ul	99
15) Fluoranthene	19.23	202	10210	0.42	ng/ul	94
17) Pyrene	19.60	202	10590	0.45	ng/ul	98
18) Benzo(a)anthracene	21.35	228	9870	0.44	ng/ul	95
19) Chrysene	21.40	228	9583	0.45	ng/ul	95
21) Benzo(b)fluoranthene	22.95	252	11126	0.44	ng/ul	99
22) Benzo(k)fluoranthene	23.00	252	9839	0.47	ng/ul	97
23) Benzo(a)pyrene	23.54	252	9744	0.45	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.94	276	12234	0.45	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.96	278	9546	0.45	ng/ul	97
26) Benzo(g,h,i)perylene	26.63	276	10638	0.46	ng/ul	96

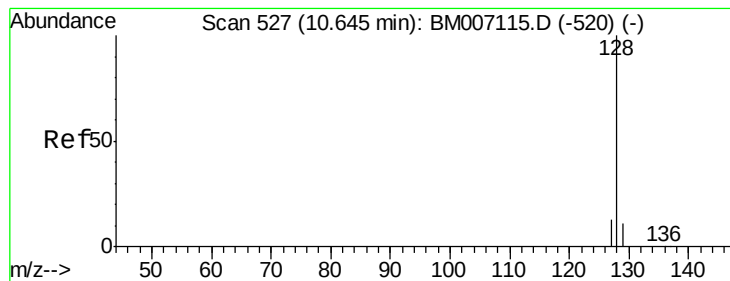
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.41 ng/ul

RT: 10.65 min Scan# 527

Delta R.T. -0.00 min

Lab File: BM007119.D

Acq: 15 Aug 2016 15:54

Instrument :

BNA_M

ClientSampleId :

SSTD02040

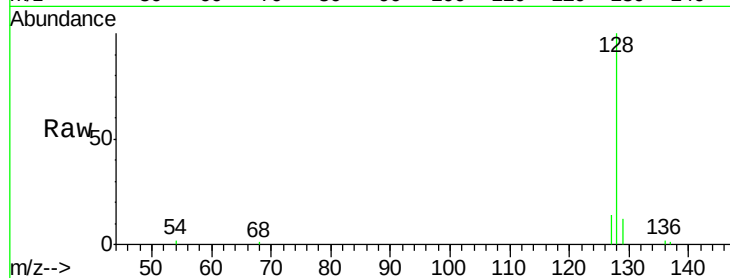
Tgt Ion:128 Resp: 7407

Ion Ratio Lower Upper

128 100

129 11.9 9.0 13.6

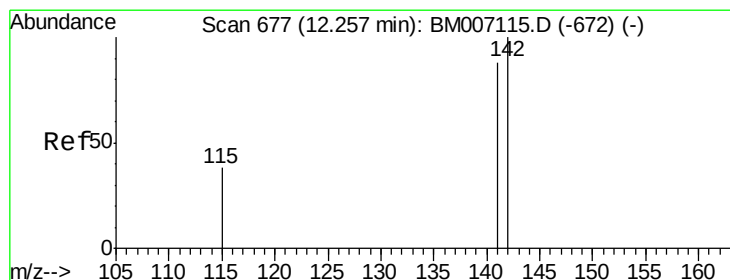
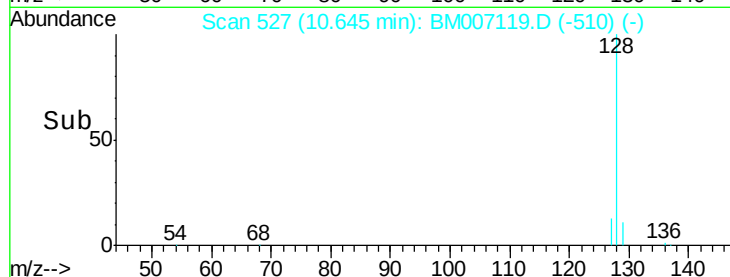
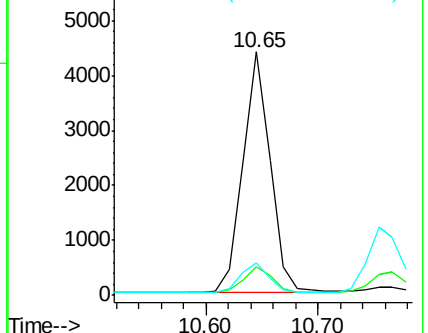
127 13.6 9.6 14.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.41 ng/ul

RT: 12.26 min Scan# 677

Delta R.T. -0.00 min

Lab File: BM007119.D

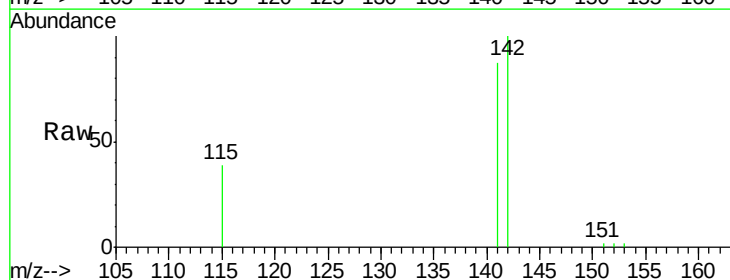
Acq: 15 Aug 2016 15:54

Tgt Ion:142 Resp: 4970

Ion Ratio Lower Upper

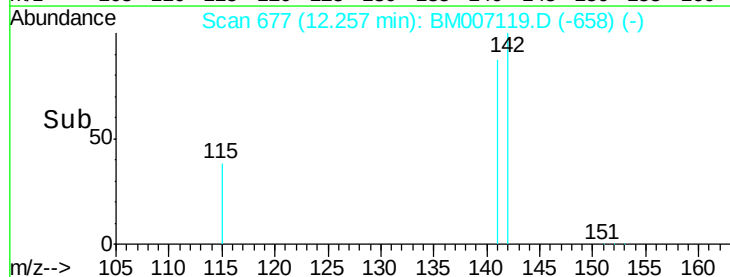
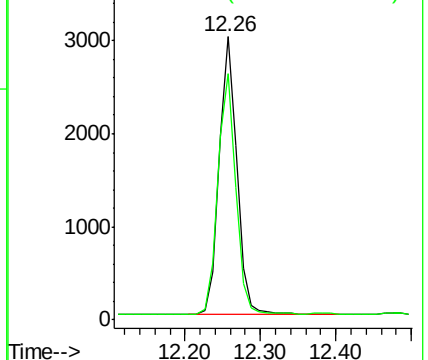
142 100

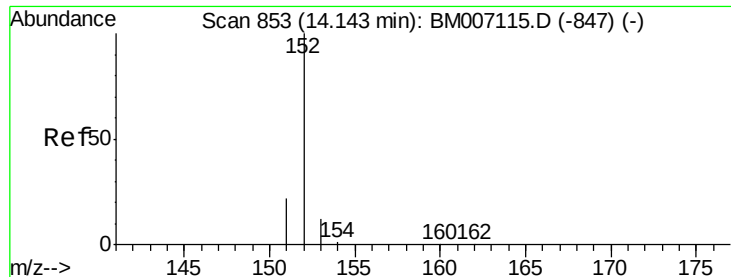
141 88.3 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.40 ng/ul

RT: 14.16 min Scan# 854

Delta R.T. 0.02 min

Lab File: BM007119.D

Acq: 15 Aug 2016 15:54

Instrument :

BNA_M

ClientSampleId :

SSTD02040

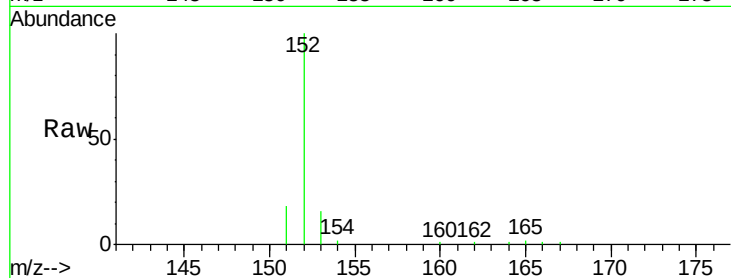
Tgt Ion:152 Resp: 7490

Ion Ratio Lower Upper

152 100

151 17.9 17.6 26.4

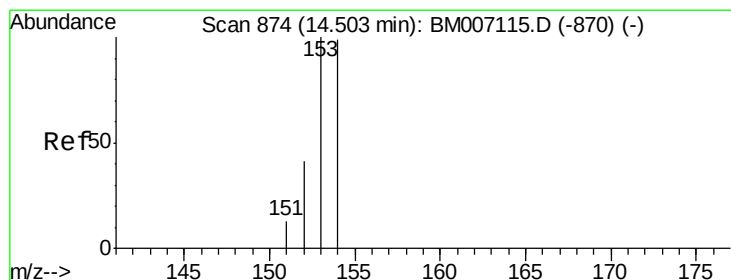
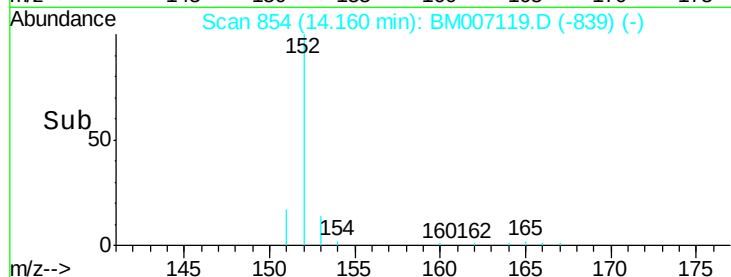
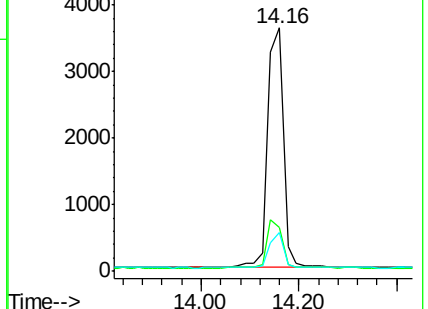
153 15.7 9.7 14.5#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.43 ng/ul

RT: 14.50 min Scan# 874

Delta R.T. -0.00 min

Lab File: BM007119.D

Acq: 15 Aug 2016 15:54

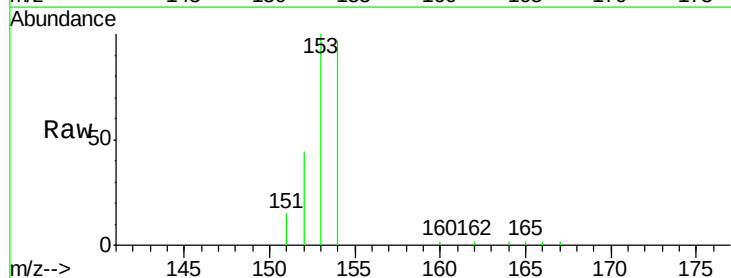
Tgt Ion:153 Resp: 5130

Ion Ratio Lower Upper

153 100

152 44.0 33.9 50.9

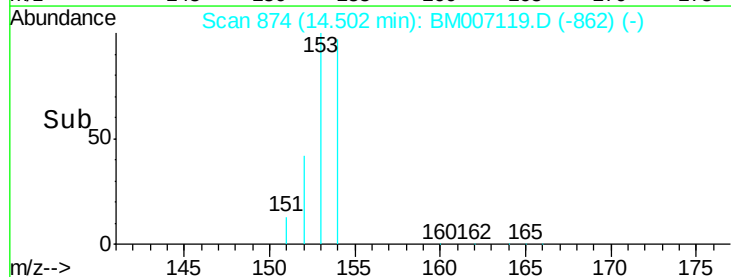
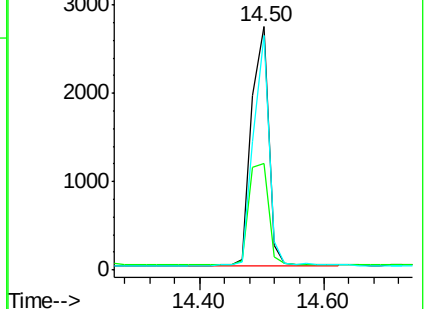
154 96.6 80.6 121.0

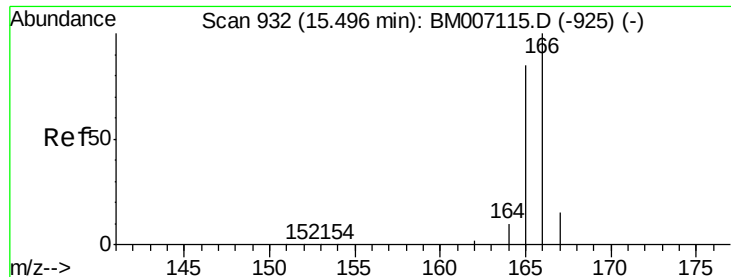


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.43 ng/ul

RT: 15.50 min Scan# 932

Delta R.T. -0.00 min

Lab File: BM007119.D

Acq: 15 Aug 2016 15:54

Instrument :

BNA_M

ClientSampleId :

SSTD02040

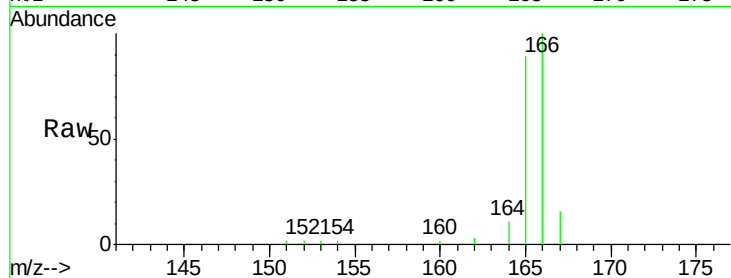
Tgt Ion:166 Resp: 5754

Ion Ratio Lower Upper

166 100

165 89.1 69.6 104.4

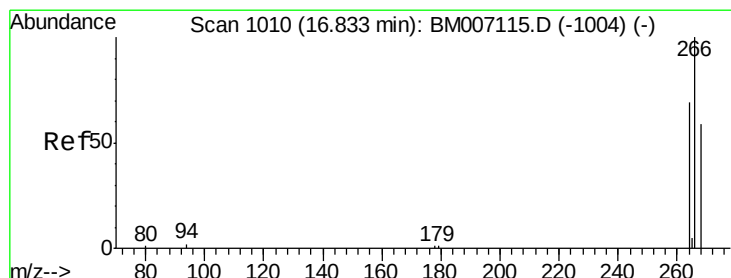
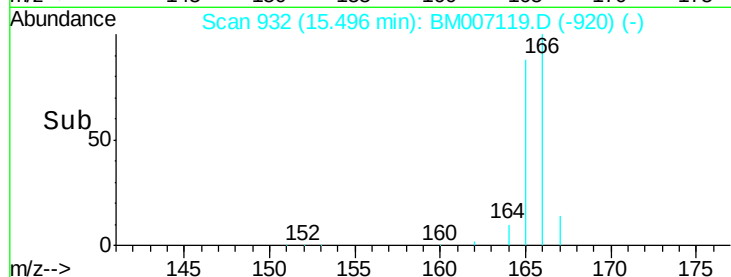
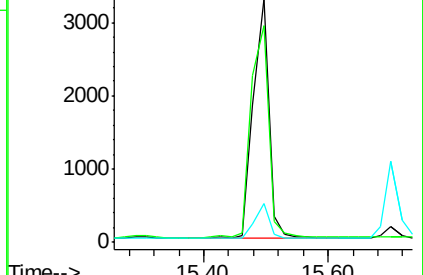
167 15.8 11.9 17.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#11

Pentachlorophenol

Concen: 0.43 ng/ul

RT: 16.83 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BM007119.D

Acq: 15 Aug 2016 15:54

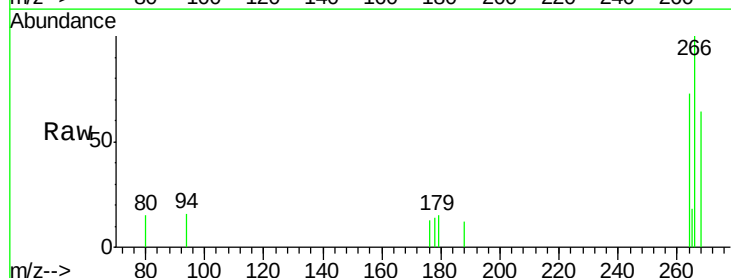
Tgt Ion:266 Resp: 780

Ion Ratio Lower Upper

266 100

264 62.9 51.8 77.8

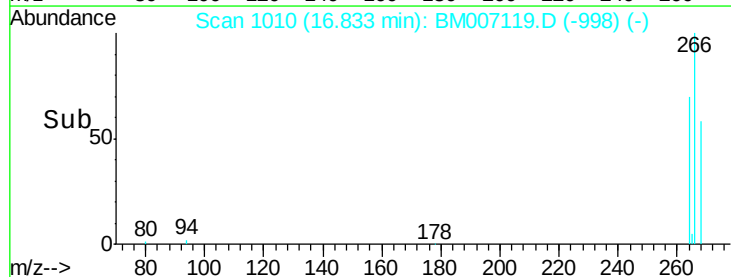
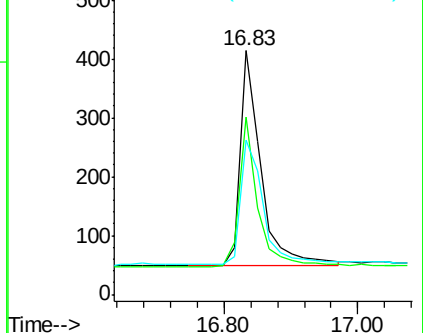
268 63.1 46.8 70.2

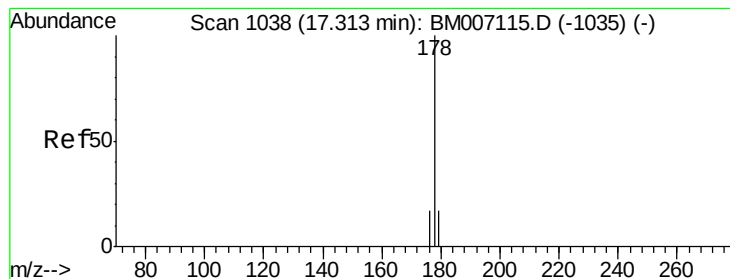


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.40 ng/ul

RT: 17.31 min Scan# 1038

Delta R.T. 0.10 min

Lab File: BM007119.D

Acq: 15 Aug 2016 15:54

Instrument :

BNA_M

ClientSampleId :

SSTD02040

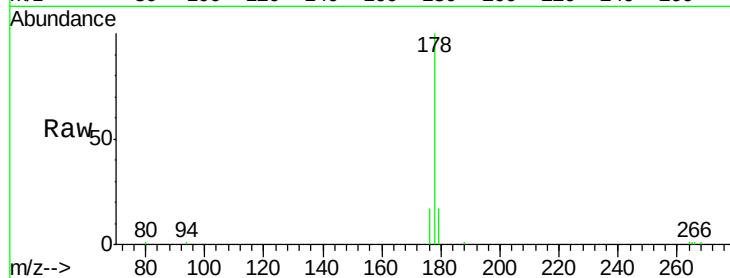
Tgt Ion:178 Resp: 8220

Ion Ratio Lower Upper

178 100

176 17.4 13.0 19.4

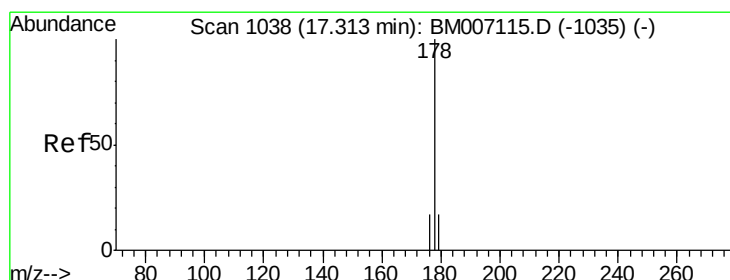
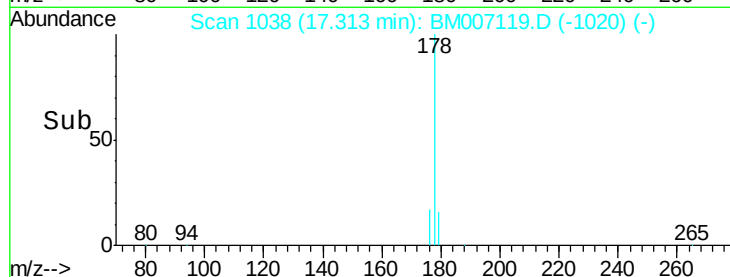
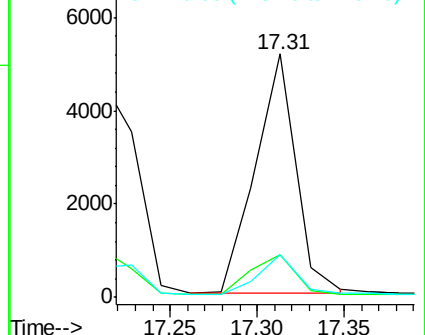
179 17.3 14.2 21.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#13

Anthracene

Concen: 0.43 ng/ul

RT: 17.31 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BM007119.D

Acq: 15 Aug 2016 15:54

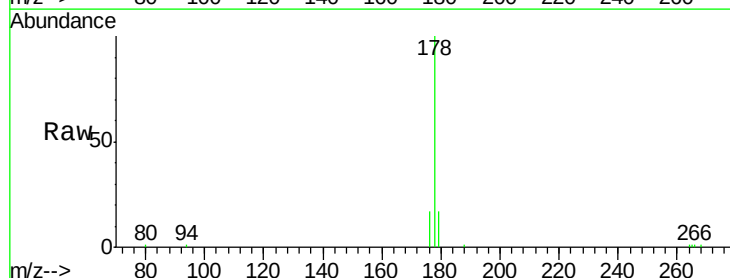
Tgt Ion:178 Resp: 8502

Ion Ratio Lower Upper

178 100

176 17.4 14.0 21.0

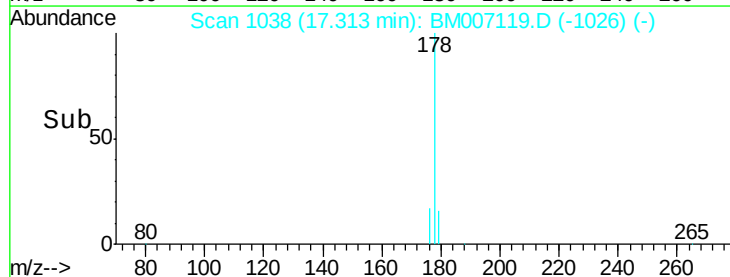
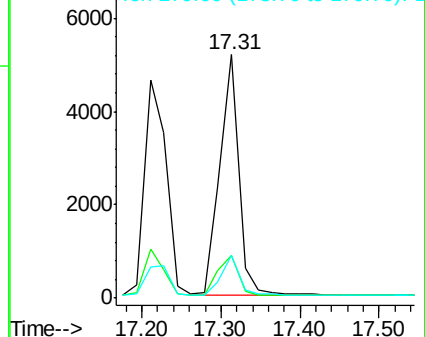
179 17.3 12.9 19.3

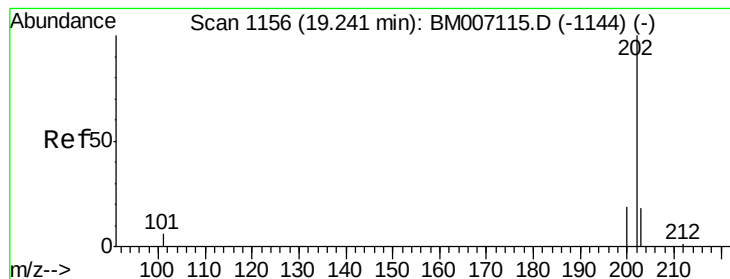


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.42 ng/ul

RT: 19.23 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BM007119.D

Acq: 15 Aug 2016 15:54

Instrument :

BNA_M

ClientSampleId :

SSTD02040

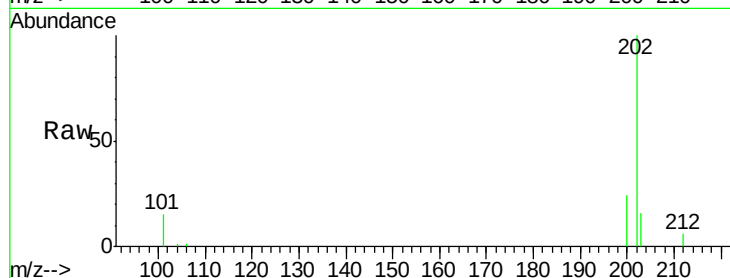
Tgt Ion:202 Resp: 10210

Ion Ratio Lower Upper

202 100

101 14.9 0.0 29.6

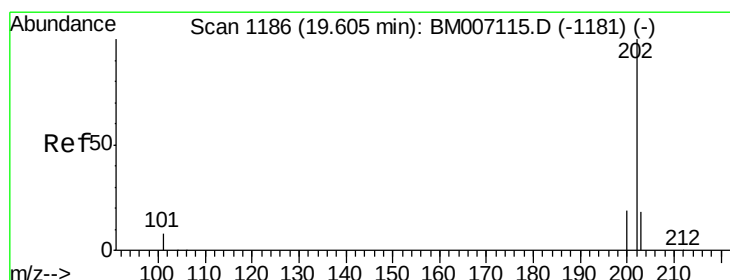
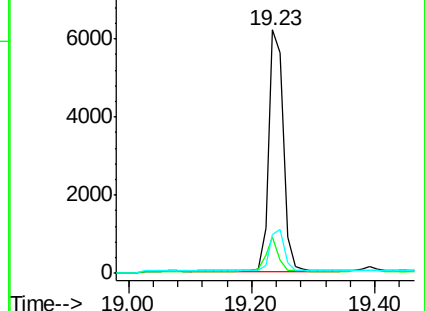
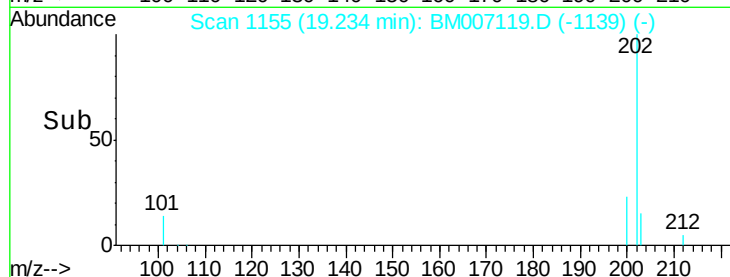
203 16.2 0.0 36.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#17

Pyrene

Concen: 0.45 ng/ul

RT: 19.60 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BM007119.D

Acq: 15 Aug 2016 15:54

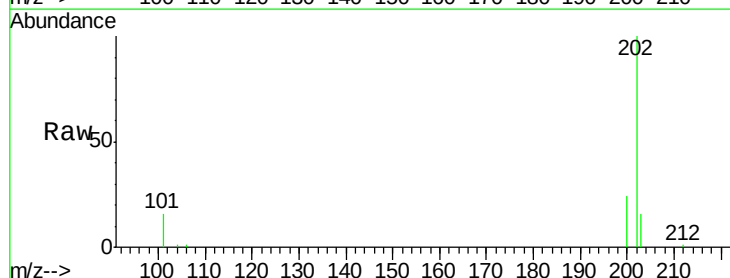
Tgt Ion:202 Resp: 10590

Ion Ratio Lower Upper

202 100

200 23.5 17.8 26.8

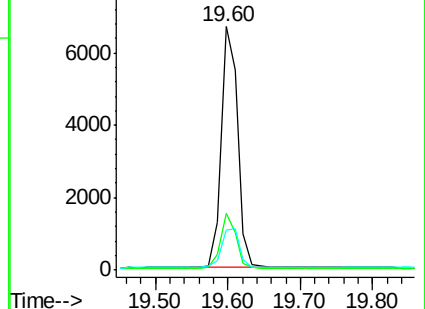
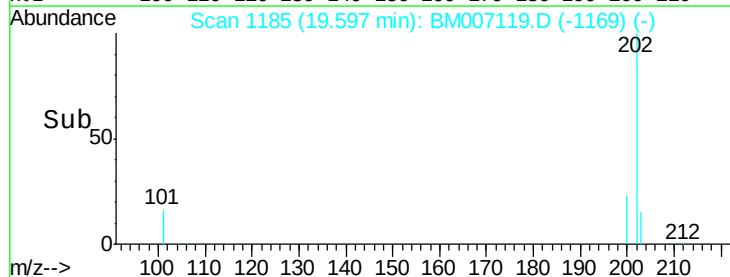
203 16.3 12.8 19.2

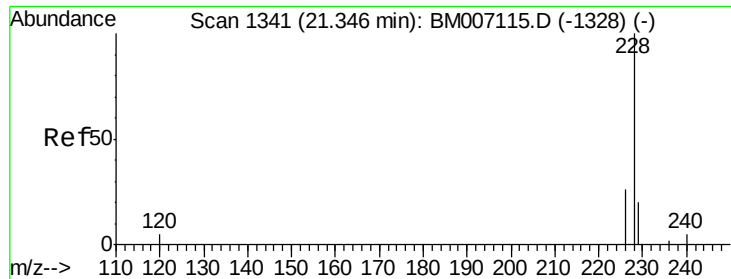


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.44 ng/ul

RT: 21.35 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BM007119.D

Acq: 15 Aug 2016 15:54

Instrument :

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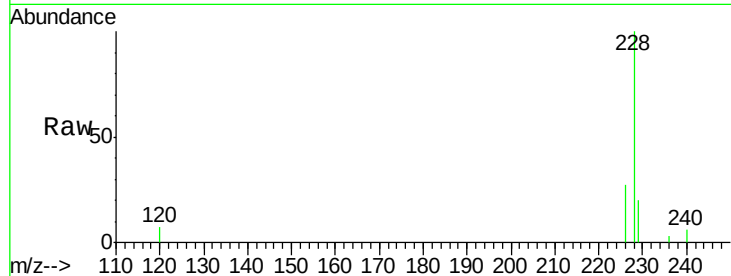
Tgt Ion:228 Resp: 9870

Ion Ratio Lower Upper

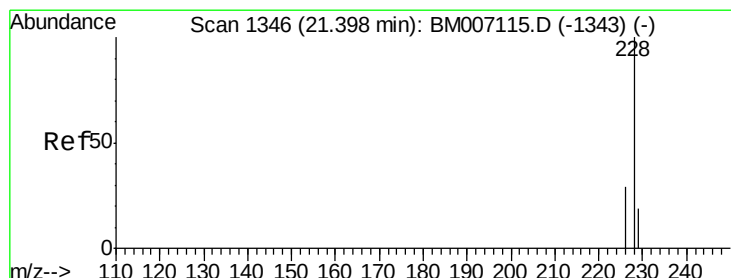
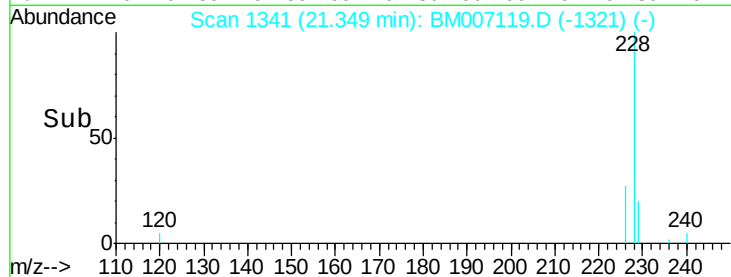
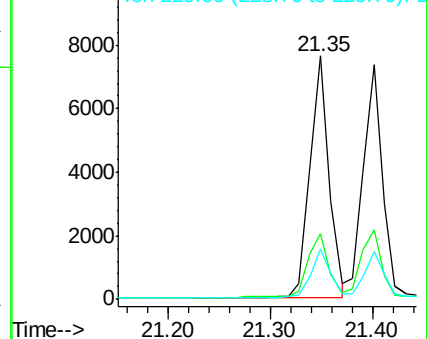
228 100

226 27.2 18.8 28.2

229 20.4 17.1 25.7



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



#19

Chrysene

Concen: 0.45 ng/ul

RT: 21.40 min Scan# 1346

Delta R.T. 0.00 min

Lab File: BM007119.D

Acq: 15 Aug 2016 15:54

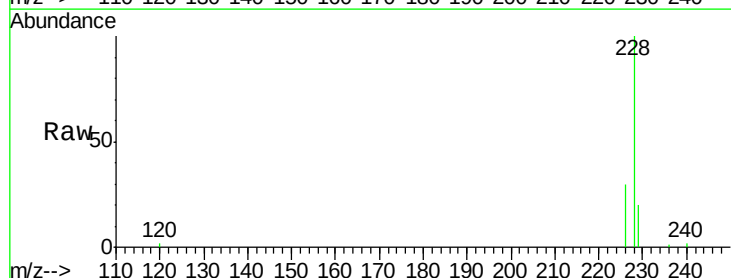
Tgt Ion:228 Resp: 9583

Ion Ratio Lower Upper

228 100

226 30.0 21.2 31.8

229 20.2 17.0 25.6



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

