

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112116\
 Data File : BM007964.D
 Acq On : 21 Nov 2016 18:43
 Operator : UM/SJ
 Sample : H5699-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WD4

Quant Time: Nov 22 05:00:00 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 22 04:57:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	584	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.50	136	1887	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.35	164	1175	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.19	188	156383	0.40	ng/ul	0.07
16) Chrysene-d12	21.30	240	2466	0.40	ng/ul	-0.01
20) Perylene-d12	23.40	264	150913	0.40	ng/ul	-0.16

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.12	152	620	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.14	212	1891	0.00	ng/ul	-0.01

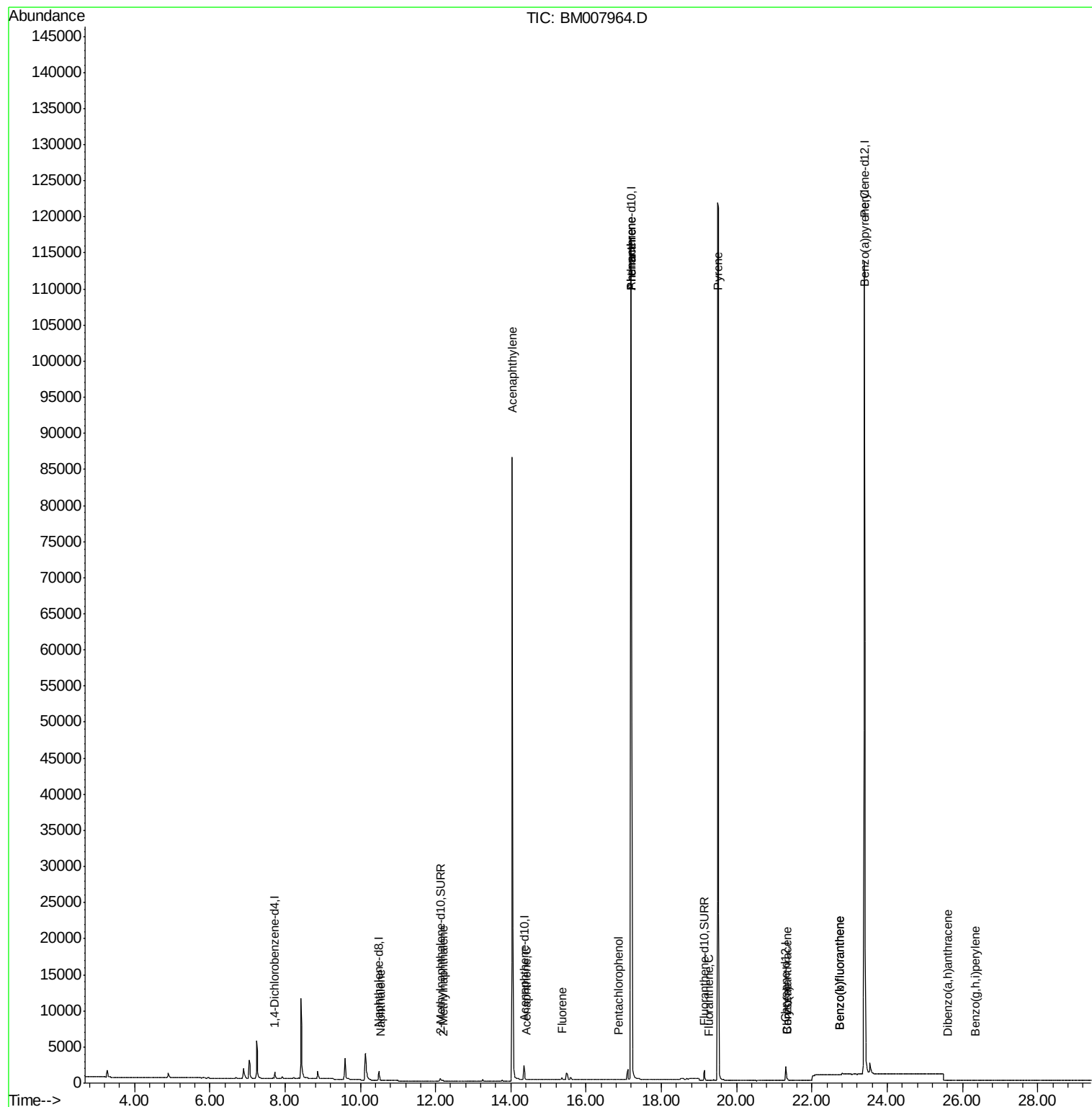
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.55	128	26	0.00	ng/ul#	1
5) 2-Methylnaphthalene	12.19	142	4	0.00	ng/ul#	11
7) Acenaphthylene	14.04	152	23	0.00	ng/ul#	1
8) Acenaphthene	14.42	153	8	0.00	ng/ul#	71
9) Fluorene	15.36	166	295	0.06	ng/ul#	31
11) Pentachlorophenol	16.85	266	5	0.00	ng/ul#	20
12) Phenanthrene	17.19	178	86	0.00	ng/ul#	1
13) Anthracene	17.19	178	82	0.00	ng/ul#	1
15) Fluoranthene	19.25	202	4	0.00	ng/ul#	1
17) Pyrene	19.50	202	357	0.04	ng/ul#	1
18) Benzo(a)anthracene	21.35	228	276	0.04	ng/ul#	55
19) Chrysene	21.35	228	290	0.03	ng/ul#	57
21) Benzo(b)fluoranthene	22.73	252	8	0.00	ng/ul#	1
22) Benzo(k)fluoranthene	22.73	252	8	0.00	ng/ul#	1
23) Benzo(a)pyrene	23.39	252	736	0.00	ng/ul#	38
25) Dibenzo(a,h)anthracene	25.60	278	1120	0.00	ng/ul#	1
26) Benzo(g,h,i)perylene	26.33	276	1	0.00	ng/ul#	1

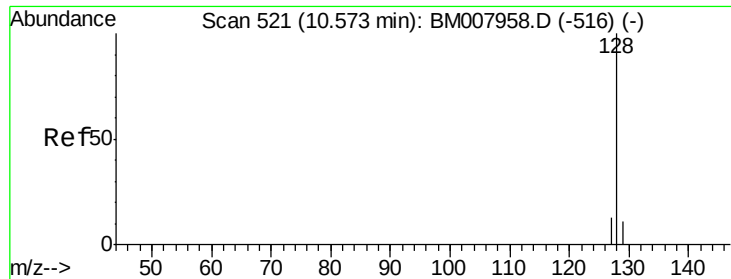
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 22 04:57:47 2016
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#3

Naphthalene

Concen: 0.00 ng/ul

RT: 10.55 min Scan# 519

Delta R.T. -0.02 min

Lab File: BM007964.D

Acq: 21 Nov 2016 18:43

Instrument :

BNA_M

ClientSampleId :

A4WD4

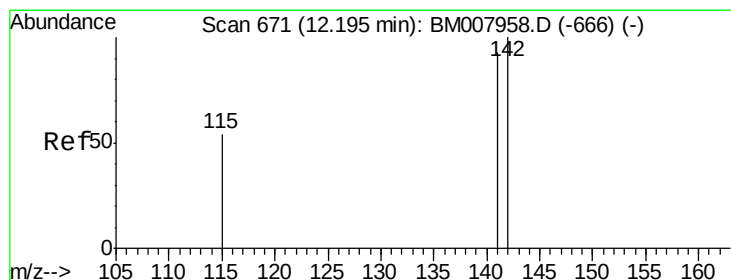
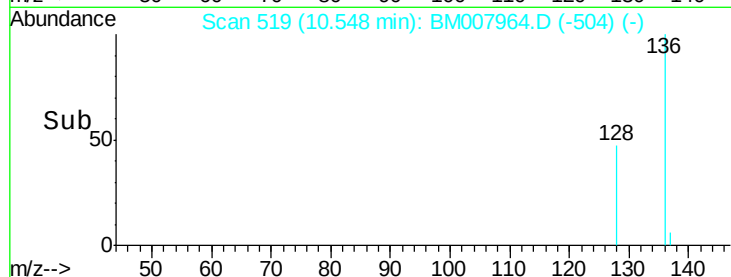
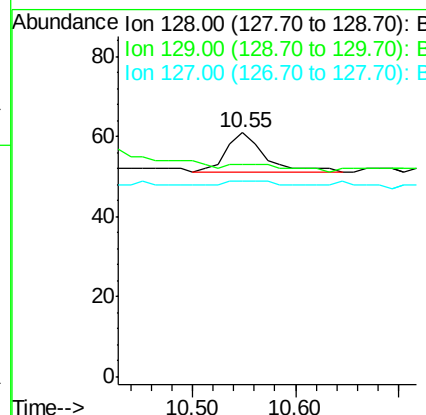
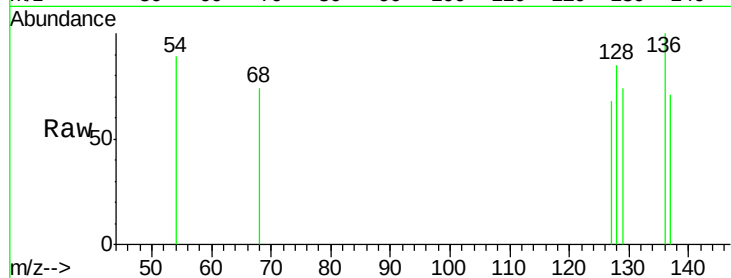
Tgt Ion:128 Resp: 26

Ion Ratio Lower Upper

128 100

129 86.9 11.3 16.9#

127 80.3 12.8 19.2#



#5

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.19 min Scan# 671

Delta R.T. 0.00 min

Lab File: BM007964.D

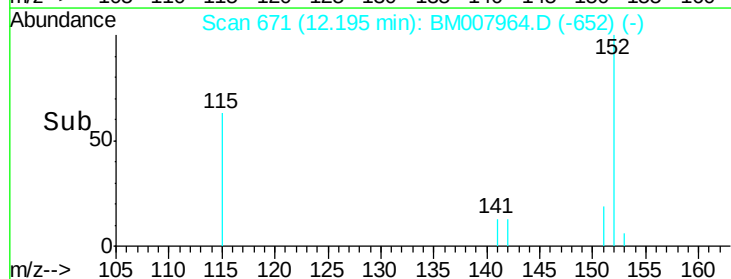
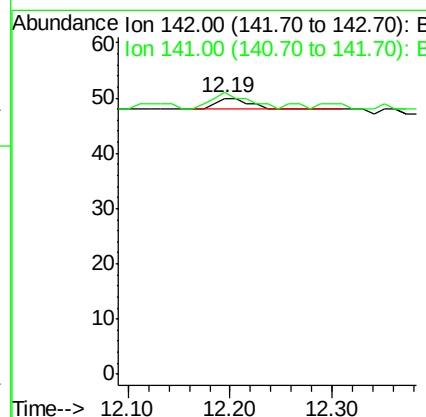
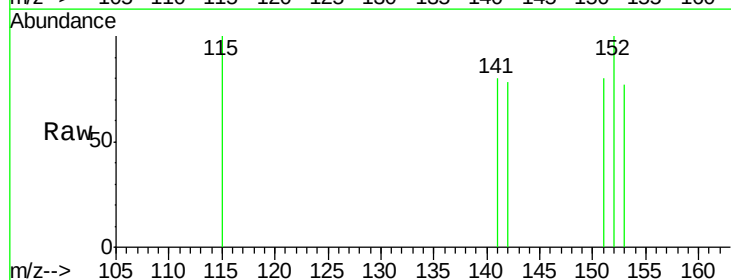
Acq: 21 Nov 2016 18:43

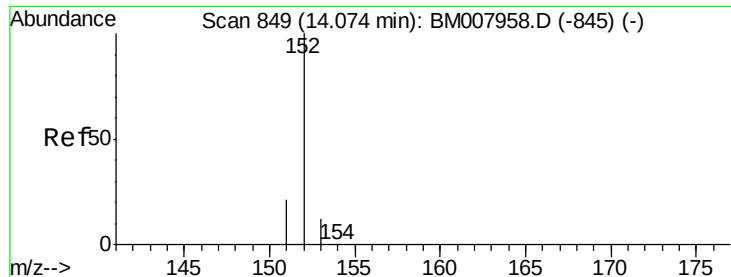
Tgt Ion:142 Resp: 4

Ion Ratio Lower Upper

142 100

141 175.0 72.6 108.8#





#7

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.03 min

Lab File: BM007964.D

Acq: 21 Nov 2016 18:43

Instrument :

BNA_M

ClientSampleId :

A4WD4

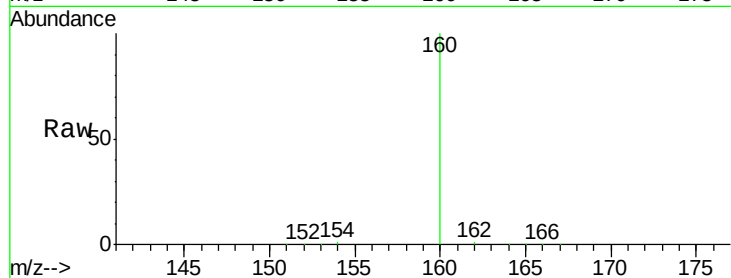
Tgt Ion:152 Resp: 23

Ion Ratio Lower Upper

152 100

151 92.6 17.1 25.7#

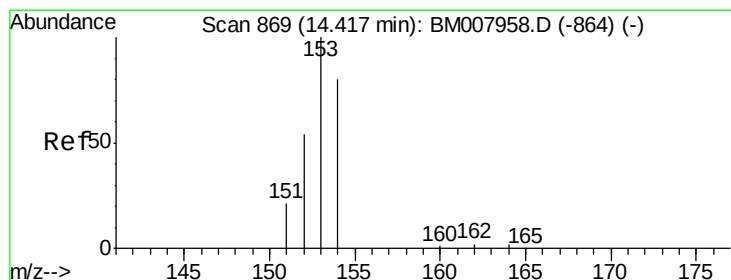
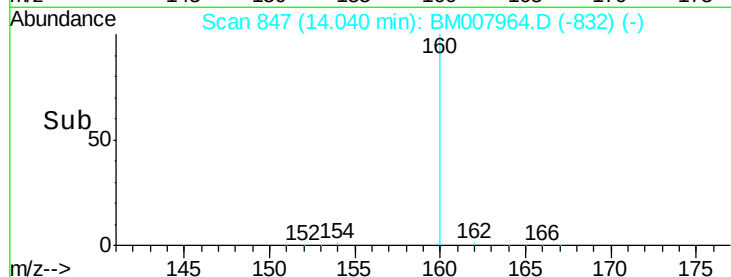
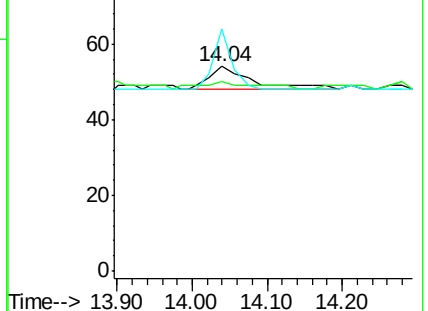
153 118.5 12.8 19.2#



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: 0.00 ng/ul

RT: 14.42 min Scan# 869

Delta R.T. 0.00 min

Lab File: BM007964.D

Acq: 21 Nov 2016 18:43

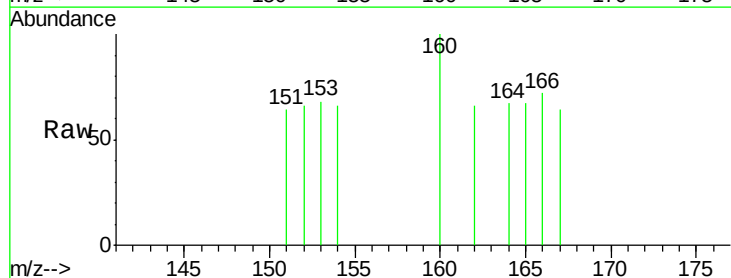
Tgt Ion:153 Resp: 8

Ion Ratio Lower Upper

153 100

152 96.2 40.3 60.5#

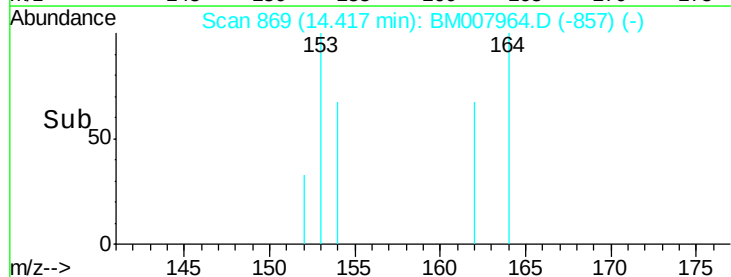
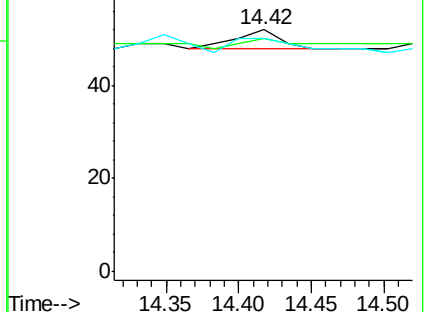
154 96.2 71.4 107.2

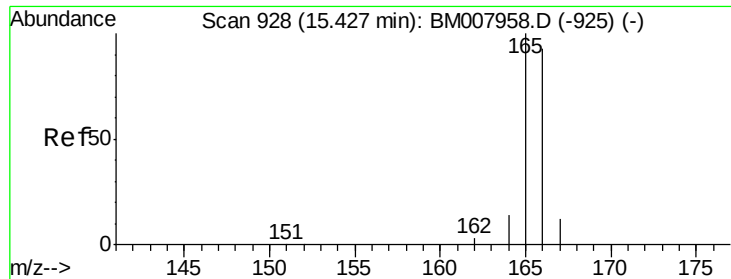


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.06 ng/ul

RT: 15.36 min Scan# 924

Delta R.T. -0.07 min

Lab File: BM007964.D

Acq: 21 Nov 2016 18:43

Instrument :

BNA_M

ClientSampled :

A4WD4

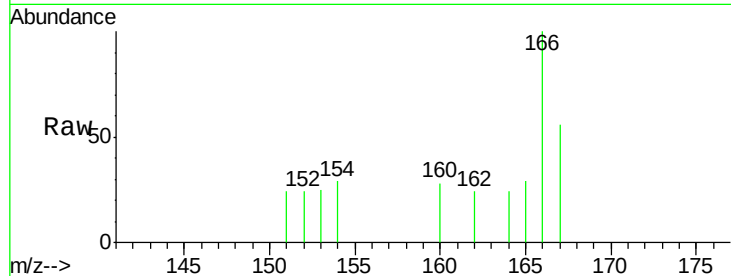
Tgt Ion:166 Resp: 295

Ion Ratio Lower Upper

166 100

165 28.6 73.4 110.2#

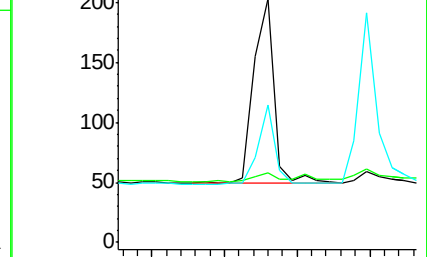
167 56.2 14.6 22.0#



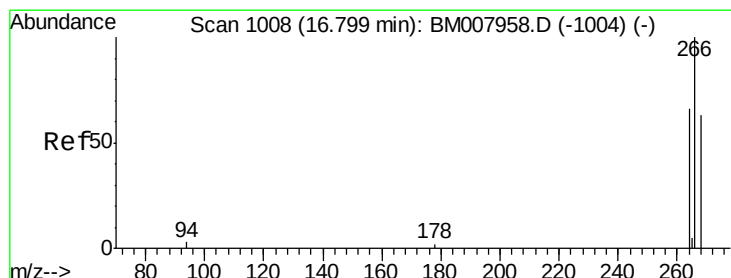
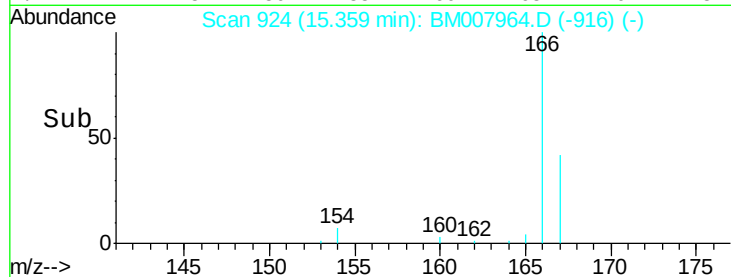
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#11

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.85 min Scan# 1011

Delta R.T. 0.05 min

Lab File: BM007964.D

Acq: 21 Nov 2016 18:43

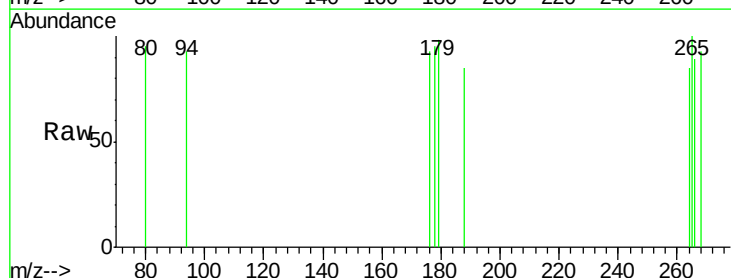
Tgt Ion:266 Resp: 5

Ion Ratio Lower Upper

266 100

264 0.0 47.9 71.9#

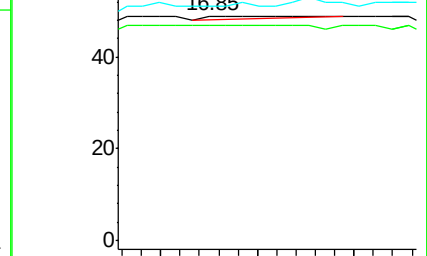
268 0.0 49.8 74.8#



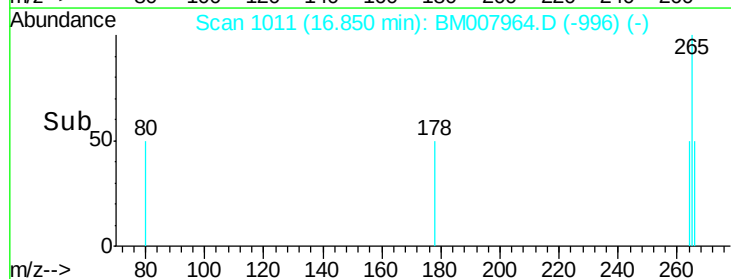
Abundance Ion 266.00 (265.70 to 266.70): E

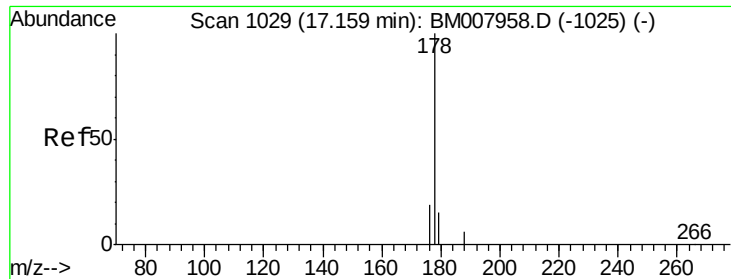
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->





#12

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.19 min Scan# 1031

Delta R.T. 0.03 min

Lab File: BM007964.D

Acq: 21 Nov 2016 18:43

Instrument :

BNA_M

ClientSampleId :

A4WD4

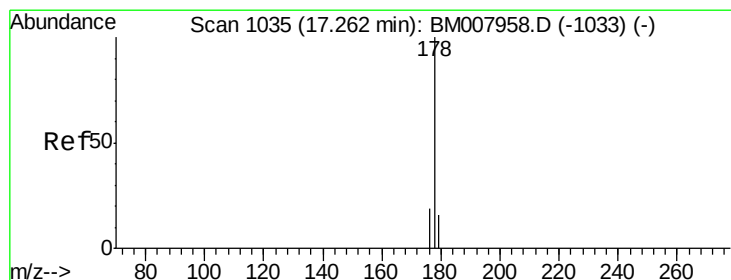
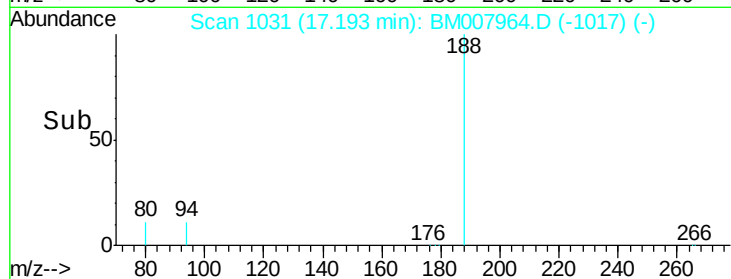
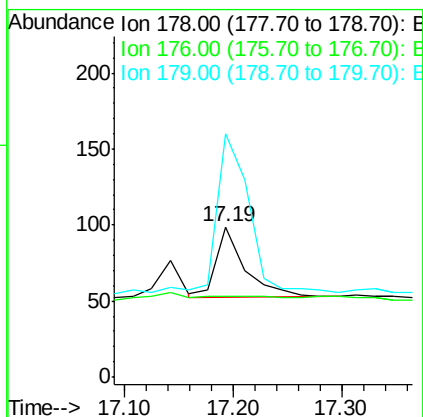
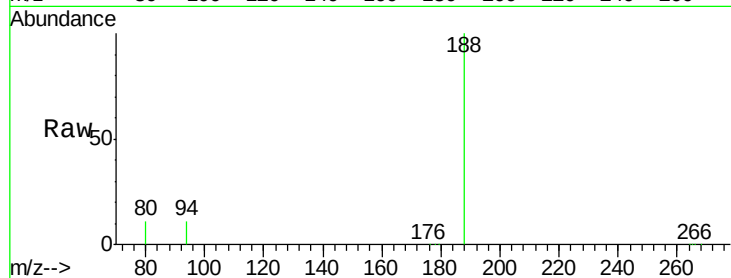
Tgt Ion:178 Resp: 86

Ion Ratio Lower Upper

178 100

176 53.5 18.4 27.6#

179 161.6 13.6 20.4#



#13

Anthracene

Concen: 0.00 ng/ul

RT: 17.19 min Scan# 1031

Delta R.T. -0.07 min

Lab File: BM007964.D

Acq: 21 Nov 2016 18:43

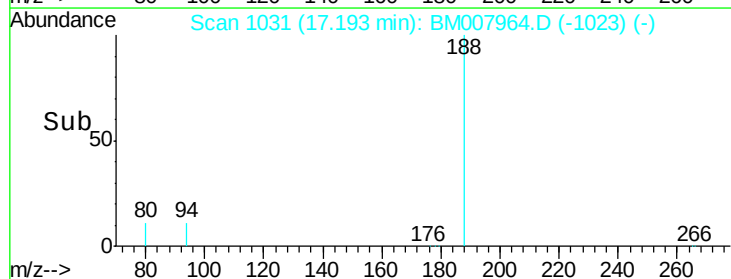
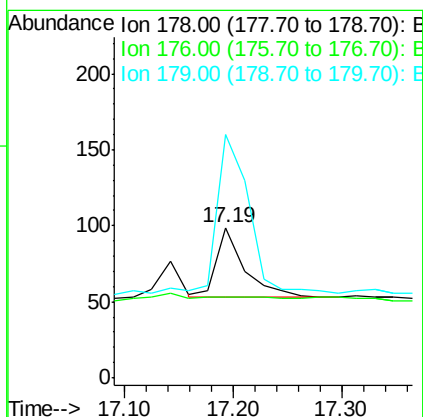
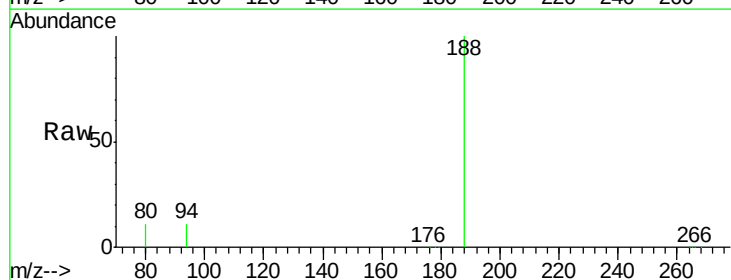
Tgt Ion:178 Resp: 82

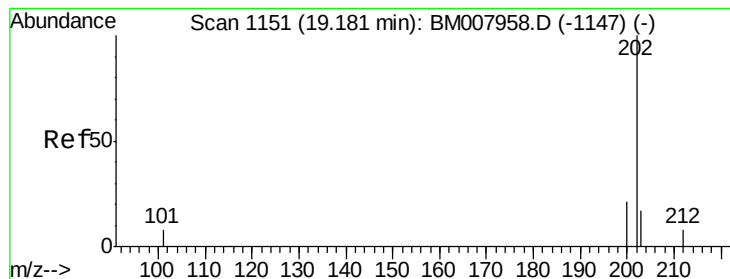
Ion Ratio Lower Upper

178 100

176 53.5 18.1 27.1#

179 161.6 14.7 22.1#





#15

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.25 min Scan# 1157

Delta R.T. 0.07 min

Lab File: BM007964.D

Acq: 21 Nov 2016 18:43

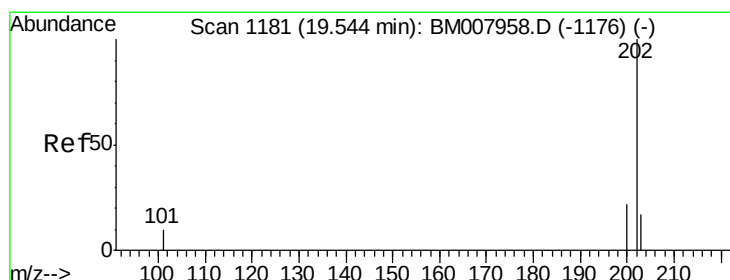
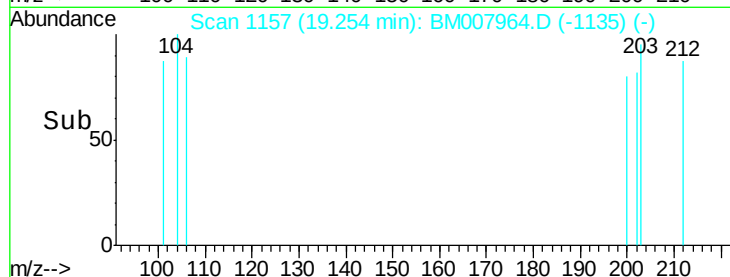
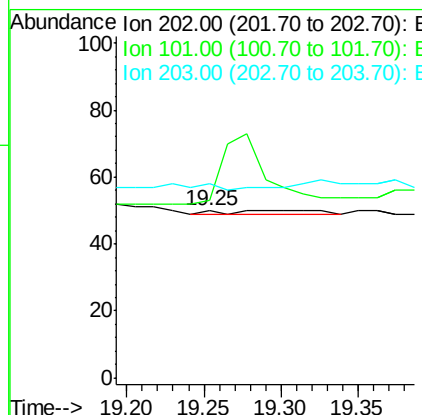
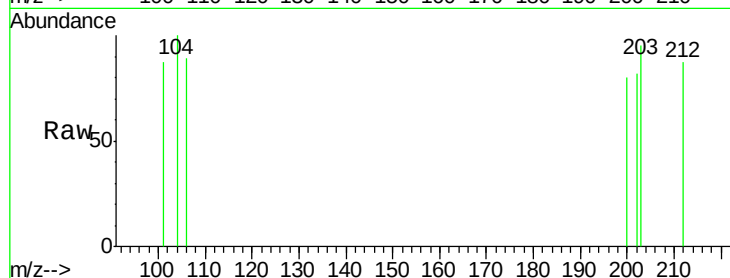
Instrument :

BNA_M

ClientSampleId :

A4WD4

Tgt Ion:	202	Resp:	4
Ion	Ratio	Lower	Upper
202	100		
101	106.0	0.0	30.3#
203	116.0	0.0	39.5#



#17

Pyrene

Concen: 0.04 ng/ul

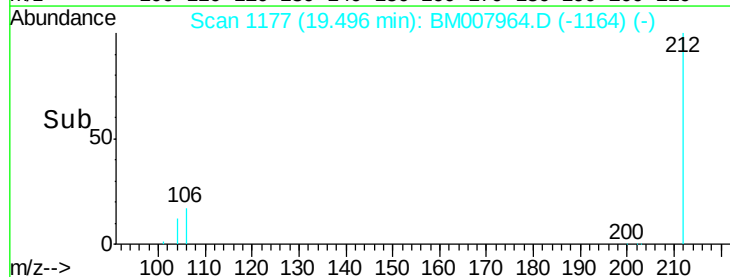
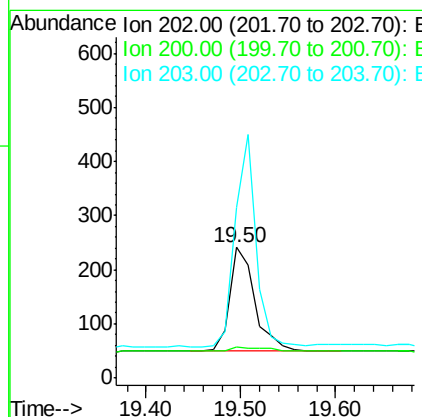
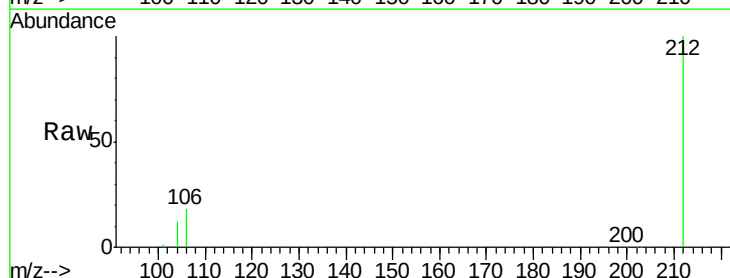
RT: 19.50 min Scan# 1177

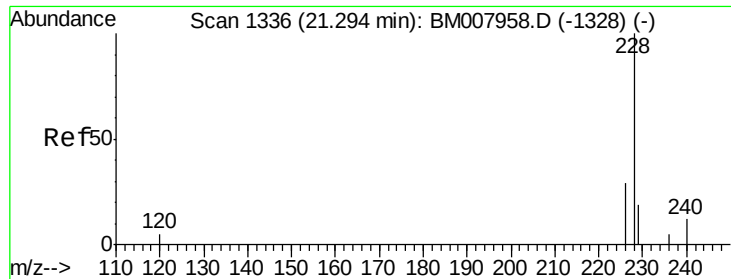
Delta R.T. -0.05 min

Lab File: BM007964.D

Acq: 21 Nov 2016 18:43

Tgt Ion:	202	Resp:	357
Ion	Ratio	Lower	Upper
202	100		
200	23.2	18.2	27.4
203	131.1	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 0.04 ng/ul

RT: 21.35 min Scan# 1341

Delta R.T. 0.05 min

Lab File: BM007964.D

Acq: 21 Nov 2016 18:43

Instrument :

BNA_M

ClientSampleId :

A4WD4

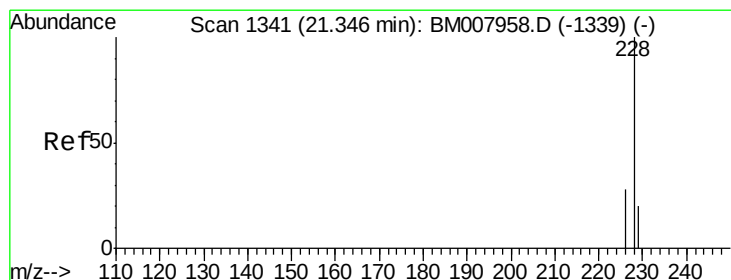
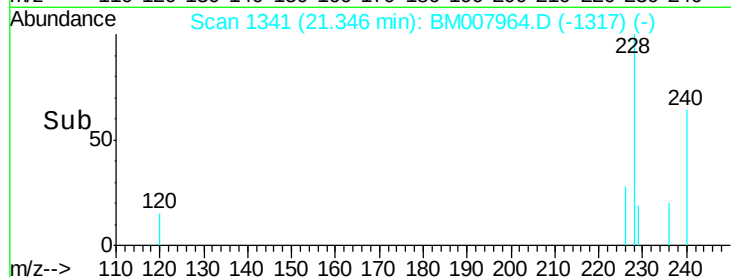
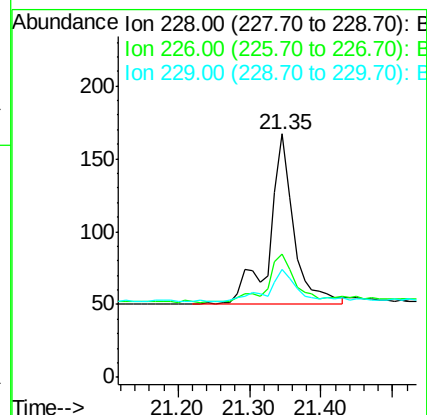
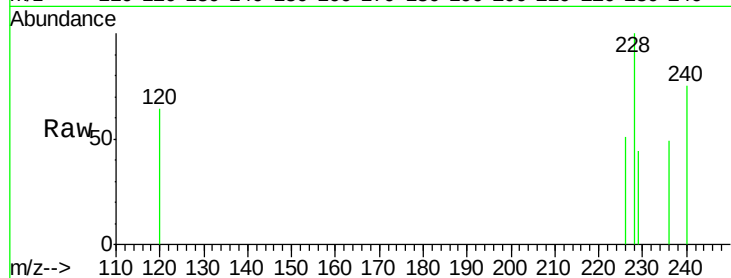
Tgt Ion:228 Resp: 276

Ion Ratio Lower Upper

228 100

226 50.9 22.8 34.2#

229 44.3 17.0 25.6#



#19

Chrysene

Concen: 0.03 ng/ul

RT: 21.35 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BM007964.D

Acq: 21 Nov 2016 18:43

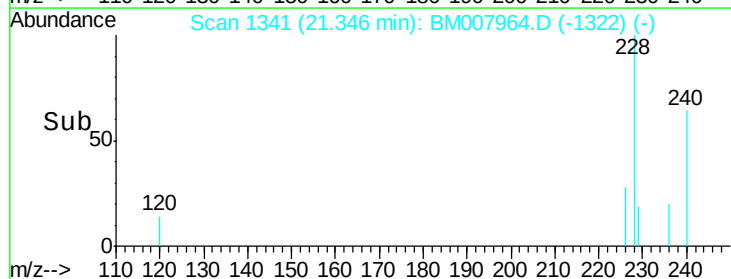
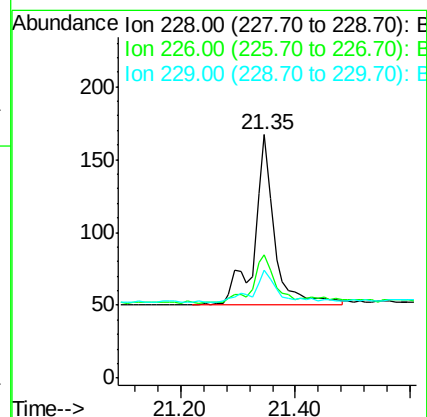
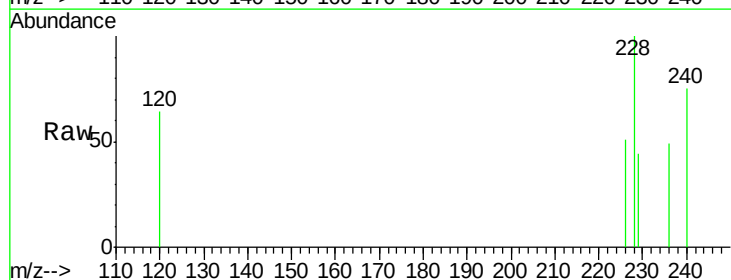
Tgt Ion:228 Resp: 290

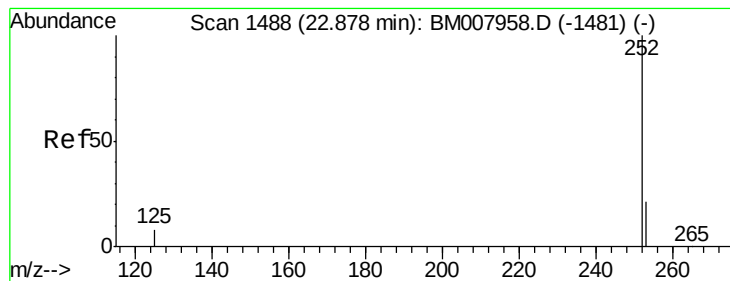
Ion Ratio Lower Upper

228 100

226 50.9 23.4 35.0#

229 44.3 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 22.73 min Scan# 1474

Delta R.T. -0.15 min

Lab File: BM007964.D

Acq: 21 Nov 2016 18:43

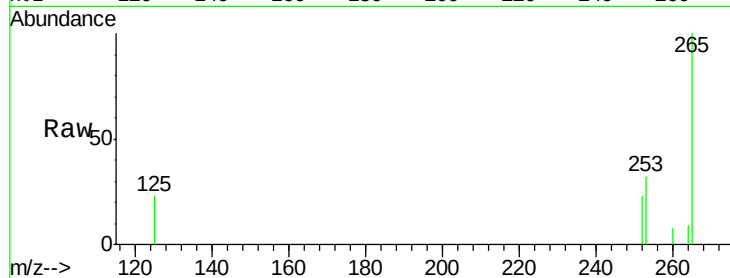
Instrument :

BNA_M

ClientSampleId :

A4WD4

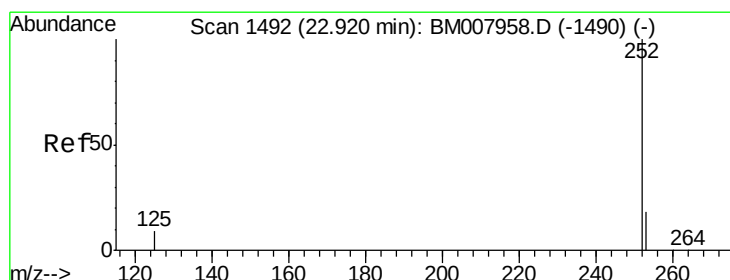
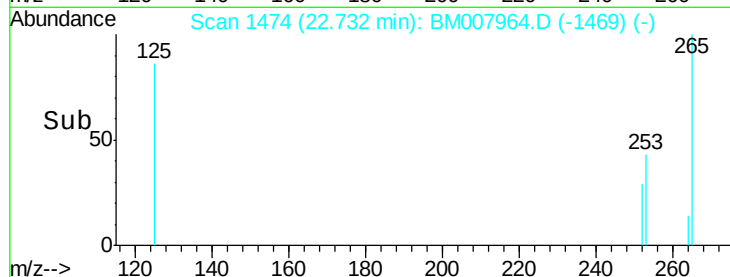
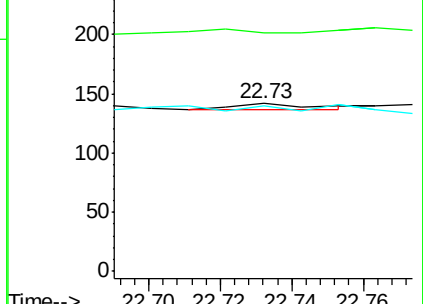
Tgt Ion:	252	Resp:	8
Ion	Ratio	Lower	Upper
252	100		
253	142.3	0.0	64.2#
125	98.6	0.0	35.0#



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



#22

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

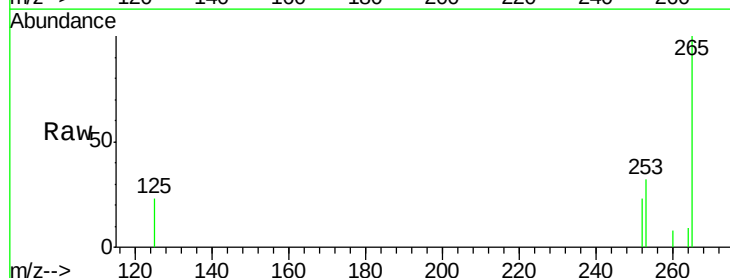
RT: 22.73 min Scan# 1474

Delta R.T. -0.19 min

Lab File: BM007964.D

Acq: 21 Nov 2016 18:43

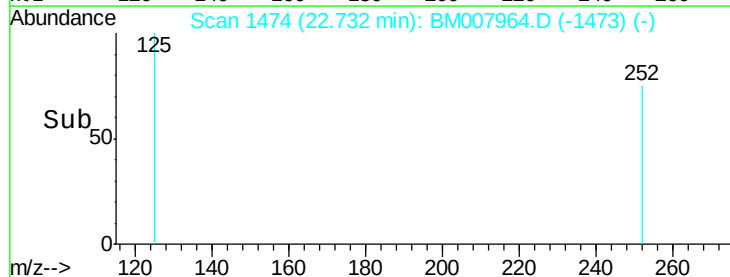
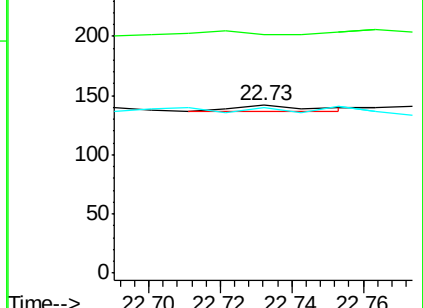
Tgt Ion:	252	Resp:	8
Ion	Ratio	Lower	Upper
252	100		
253	142.3	24.5	36.7#
125	98.6	13.7	20.5#

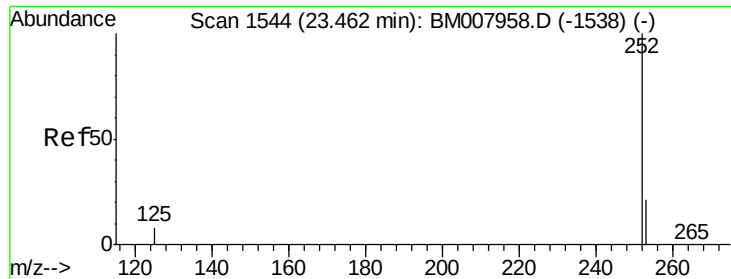


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.39 min Scan# 1537

Delta R.T. -0.07 min

Lab File: BM007964.D

Acq: 21 Nov 2016 18:43

Instrument :

BNA_M

ClientSampleId :

A4WD4

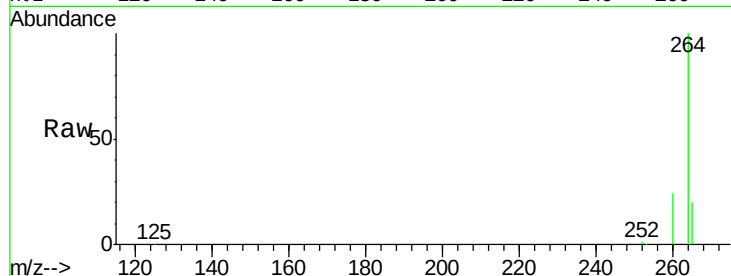
Tgt Ion: 252 Resp: 736

Ion Ratio Lower Upper

252 100

253 65.3 28.5 42.7#

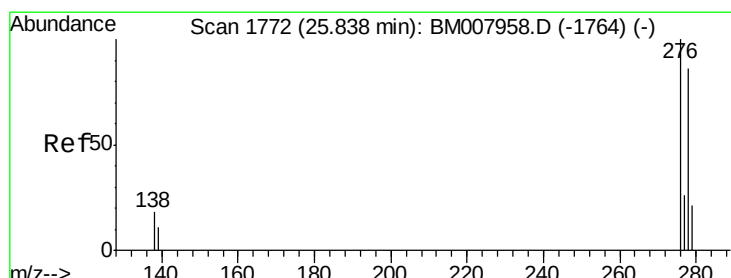
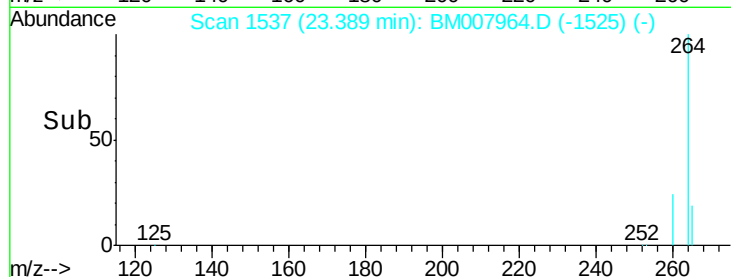
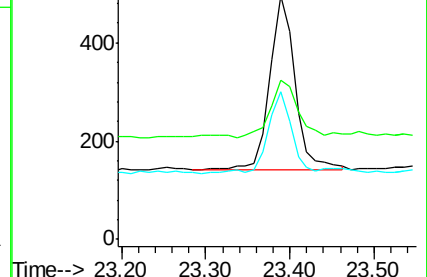
125 60.5 18.1 27.1#



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



#25

Dibenzo(a,h)anthracene

Concen: 0.00 ng/ul

RT: 25.60 min Scan# 1749

Delta R.T. -0.24 min

Lab File: BM007964.D

Acq: 21 Nov 2016 18:43

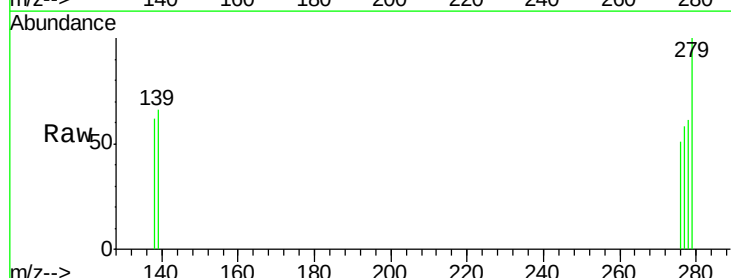
Tgt Ion: 278 Resp: 1120

Ion Ratio Lower Upper

278 100

139 108.2 17.4 26.0#

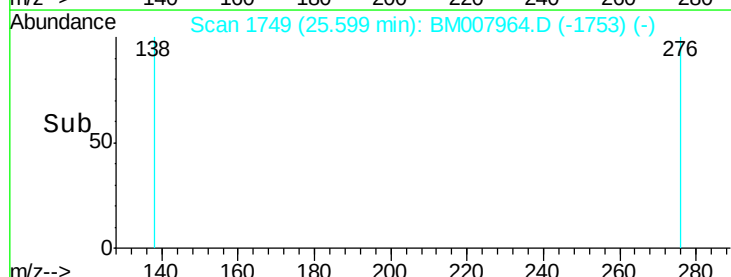
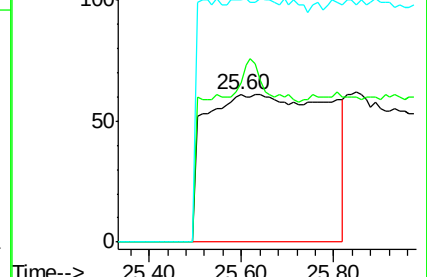
279 163.9 25.9 38.9#

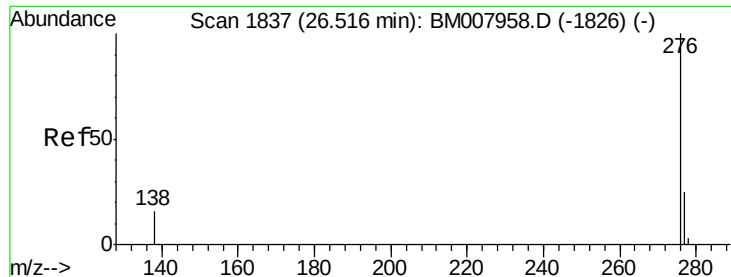


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26

Benzo(g,h,i)perylene

Concen: 0.00 ng/ul

RT: 26.33 min Scan# 1819

Delta R.T. -0.19 min

Lab File: BM007964.D

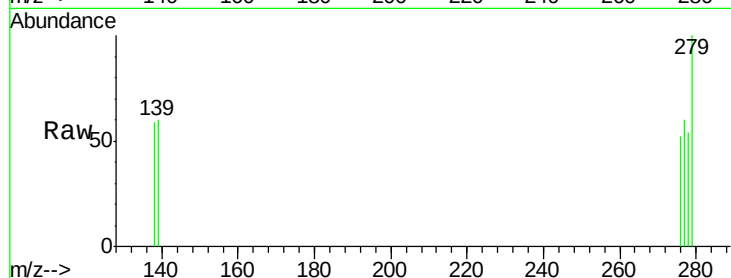
Acq: 21 Nov 2016 18:43

Instrument :

BNA_M

ClientSampleId :

A4WD4



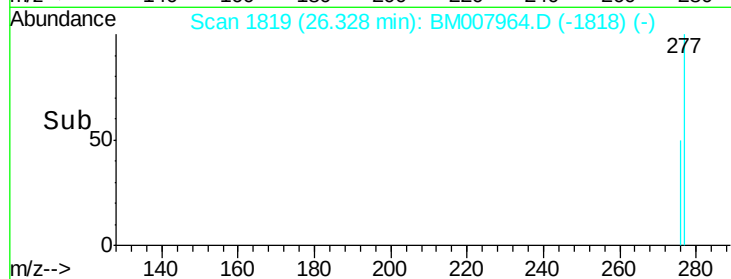
Tgt Ion: 276 Resp: 1

Ion Ratio Lower Upper

276 100

277 115.7 21.8 32.8#

138 113.7 20.5 30.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

