

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112116\
 Data File : BM007978.D
 Acq On : 22 Nov 2016 03:01
 Operator : UM/SJ
 Sample : H5694-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSR6

Quant Time: Nov 22 05:51:58 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 05:49:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	602	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.50	136	1939	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.35	164	1227	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.19	188	91061	0.40	ng/ul	0.07
16) Chrysene-d12	21.31	240	2655	0.40	ng/ul	0.00
20) Perylene-d12	23.55	264	2769	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.12	152	480	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.14	212	1119	0.00	ng/ul	-0.01

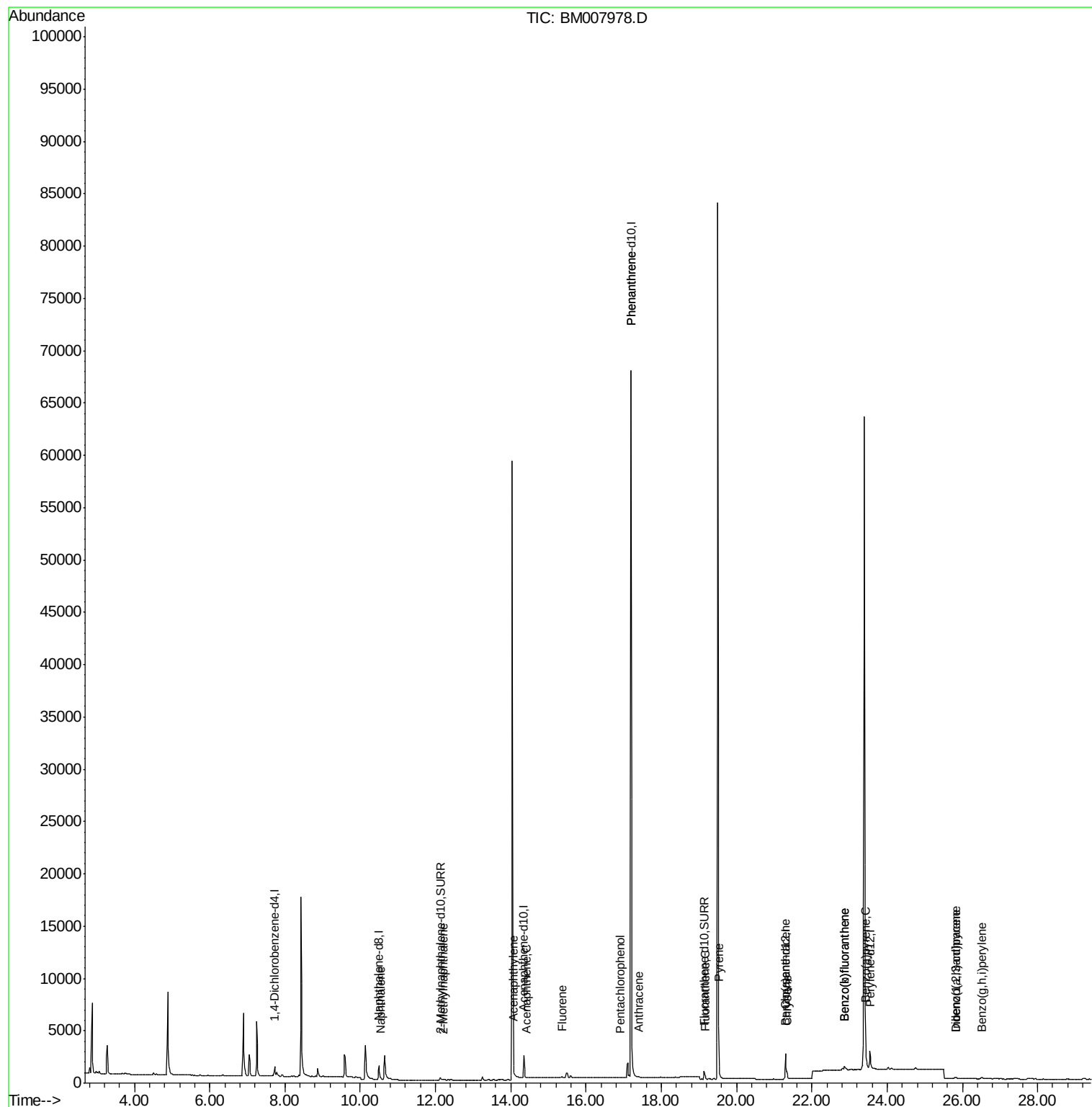
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.55	128	168	0.03	ng/ul#	26
5) 2-Methylnaphthalene	12.19	142	94	0.03	ng/ul	96
7) Acenaphthylene	14.07	152	40	0.01	ng/ul#	1
8) Acenaphthene	14.42	153	15	0.00	ng/ul#	68
9) Fluorene	15.36	166	190	0.04	ng/ul#	40
11) Pentachlorophenol	16.90	266	1	0.00	ng/ul#	20
12) Phenanthrene	17.19	178	99	0.00	ng/ul#	1
13) Anthracene	17.40	178	7	0.00	ng/ul#	1
15) Fluoranthene	19.17	202	356	0.00	ng/ul	59
17) Pyrene	19.52	202	821	0.09	ng/ul#	79
18) Benzo(a)anthracene	21.29	228	465	0.06	ng/ul#	74
19) Chrysene	21.34	228	822	0.08	ng/ul#	84
21) Benzo(b)fluoranthene	22.87	252	788	0.07	ng/ul#	29
22) Benzo(k)fluoranthene	22.87	252	788	0.07	ng/ul#	26
23) Benzo(a)pyrene	23.43	252	458	0.04	ng/ul#	38
24) Indeno(1,2,3-cd)pyrene	25.82	276	262	0.02	ng/ul	96
25) Dibenzo(a,h)anthracene	25.82	278	134	0.01	ng/ul#	1
26) Benzo(g,h,i)perylene	26.51	276	408	0.04	ng/ul#	52

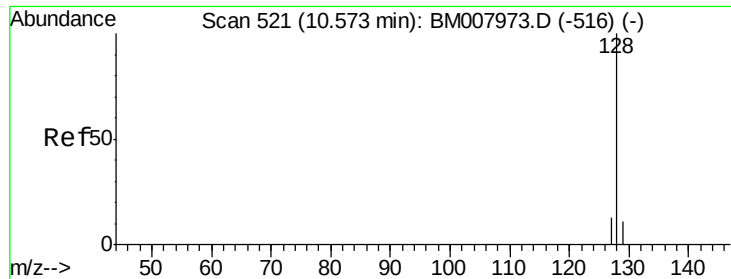
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.03 ng/ul

RT: 10.55 min Scan# 519

Delta R.T. -0.02 min

Lab File: BM007978.D

Acq: 22 Nov 2016 03:01

Instrument :

BNA_M

ClientSampleId :

JHSR6

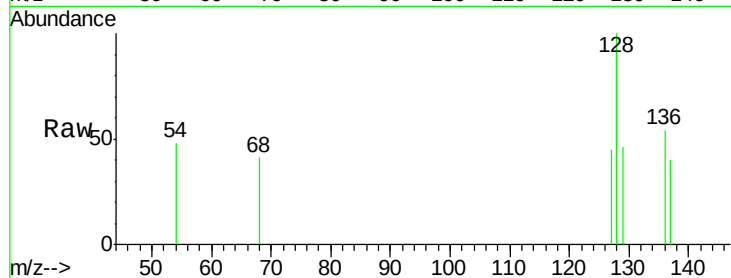
Tgt Ion:128 Resp: 168

Ion Ratio Lower Upper

128 100

129 46.2 11.3 16.9#

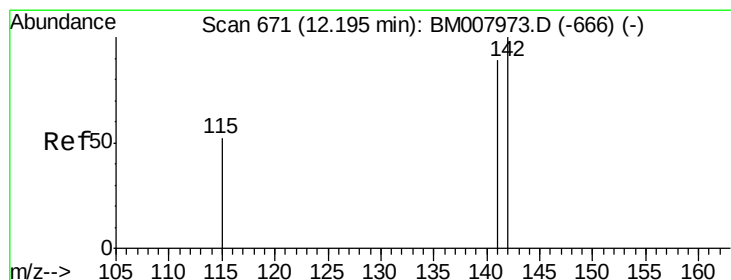
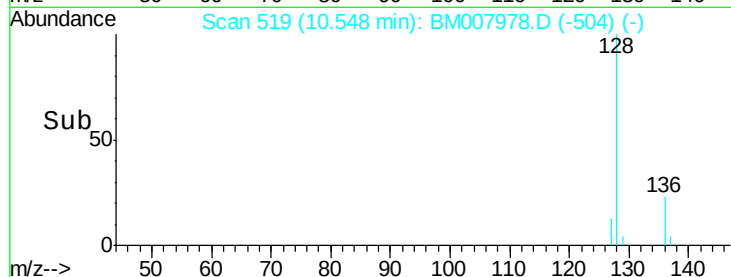
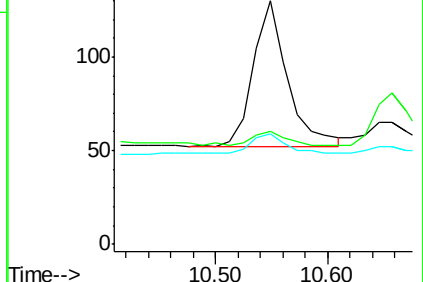
127 45.4 12.8 19.2#



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: 0.03 ng/ul

RT: 12.19 min Scan# 671

Delta R.T. 0.00 min

Lab File: BM007978.D

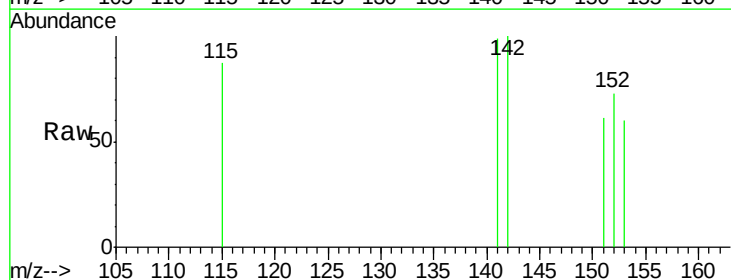
Acq: 22 Nov 2016 03:01

Tgt Ion:142 Resp: 94

Ion Ratio Lower Upper

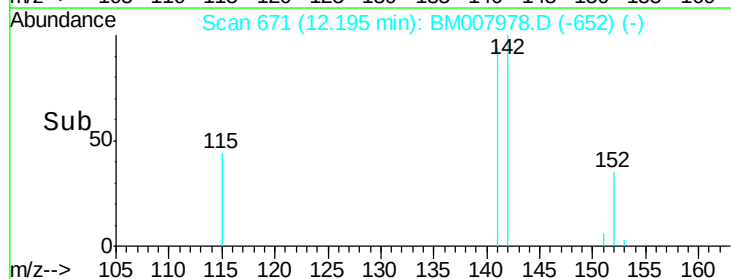
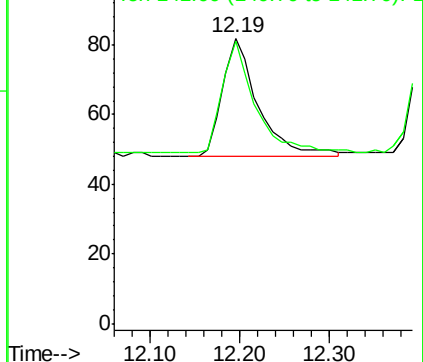
142 100

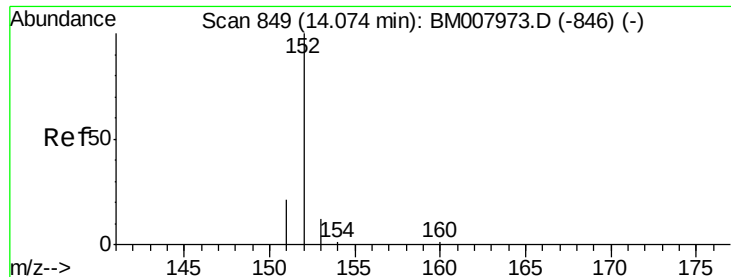
141 87.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.07 min Scan# 849

Delta R.T. 0.00 min

Lab File: BM007978.D

Acq: 22 Nov 2016 03:01

Instrument :

BNA_M

ClientSampleId :

JHSR6

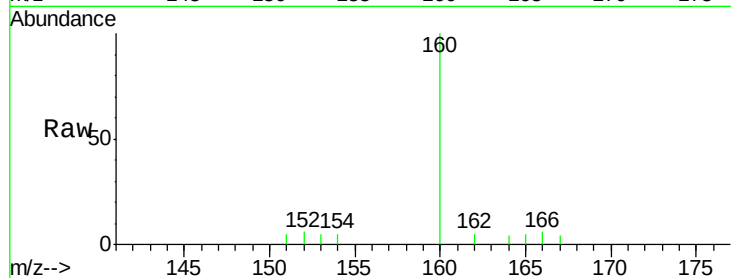
Tgt Ion:152 Resp: 40

Ion Ratio Lower Upper

152 100

151 81.3 17.1 25.7#

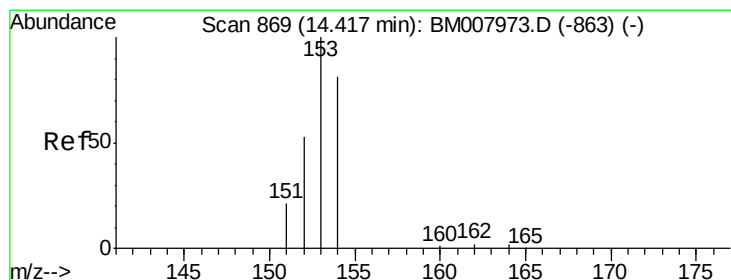
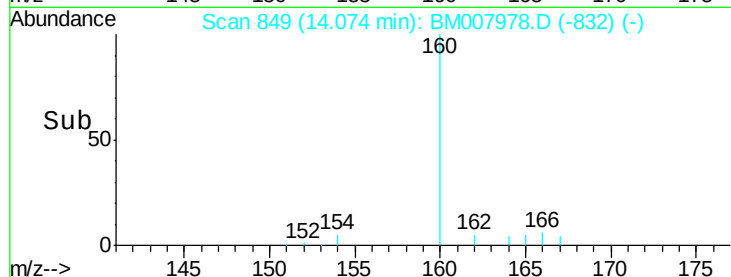
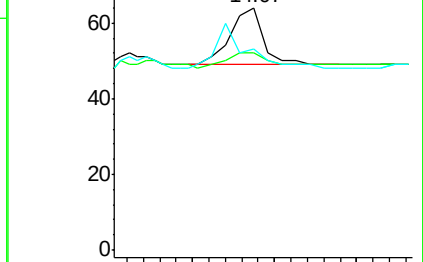
153 82.8 12.8 19.2#



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: BM007978.D

Acq: 22 Nov 2016 03:01

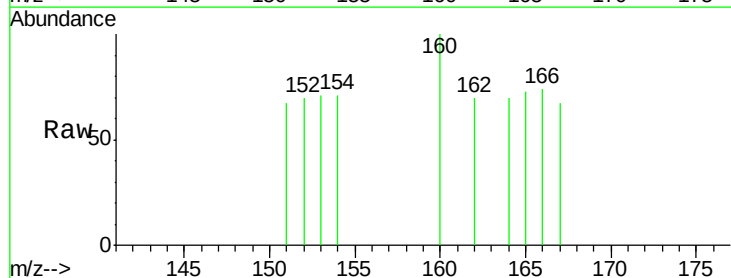
Tgt Ion:153 Resp: 15

Ion Ratio Lower Upper

153 100

152 98.1 40.3 60.5#

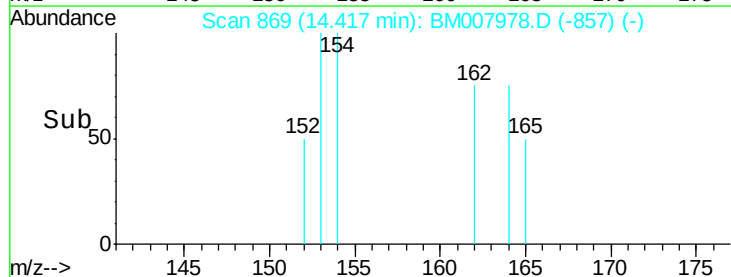
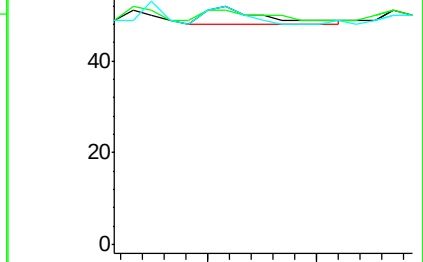
154 100.0 71.4 107.2

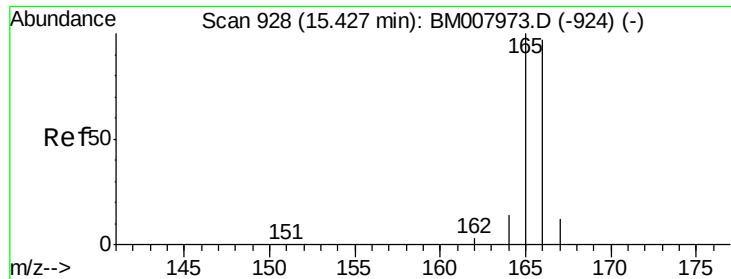


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.04 ng/ul

RT: 15.36 min Scan# 924

Delta R.T. -0.07 min

Lab File: BM007978.D

Acq: 22 Nov 2016 03:01

Instrument :

BNA_M

ClientSampleId :

JHSR6

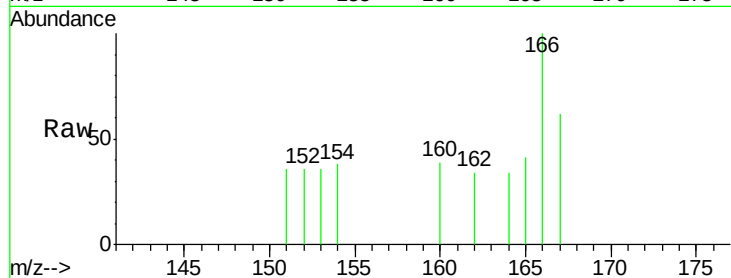
Tgt Ion:166 Resp: 190

Ion Ratio Lower Upper

166 100

165 41.4 73.4 110.2#

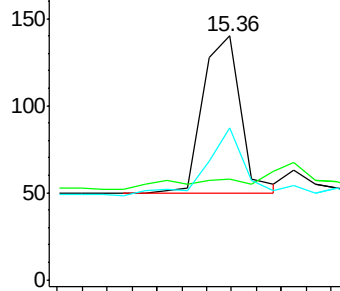
167 62.1 14.6 22.0#



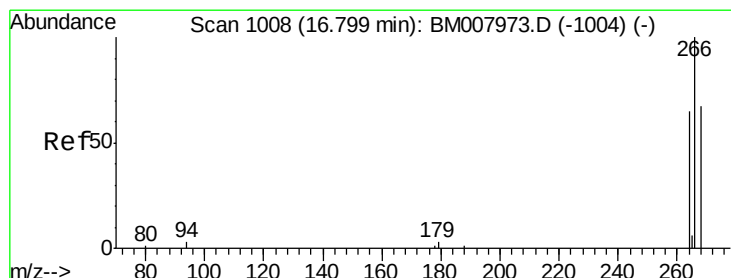
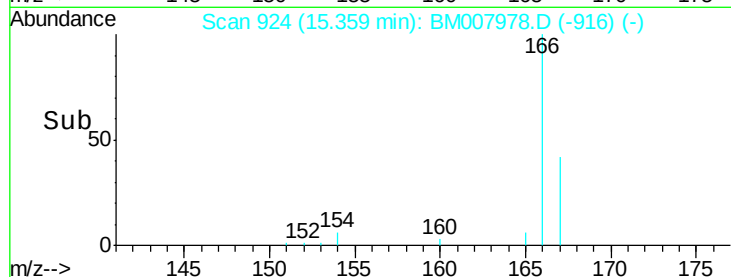
Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.90 min Scan# 1014

Delta R.T. 0.10 min

Lab File: BM007978.D

Acq: 22 Nov 2016 03:01

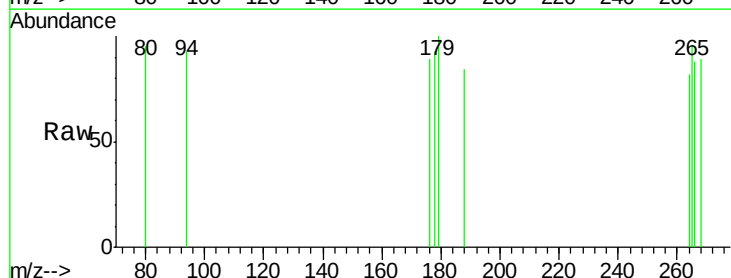
Tgt Ion:266 Resp: 1

Ion Ratio Lower Upper

266 100

264 0.0 47.9 71.9#

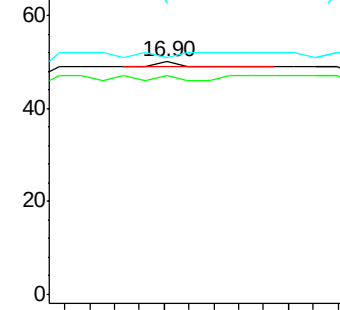
268 0.0 49.8 74.8#



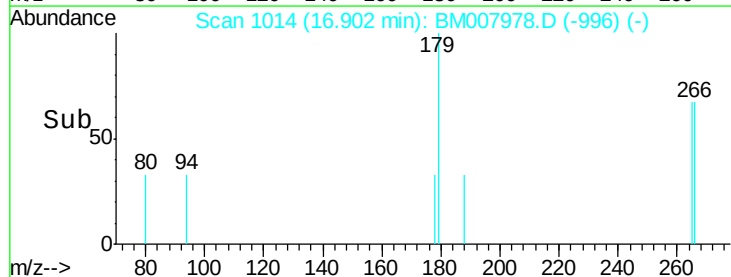
Abundance Ion 266.00 (265.70 to 266.70): E

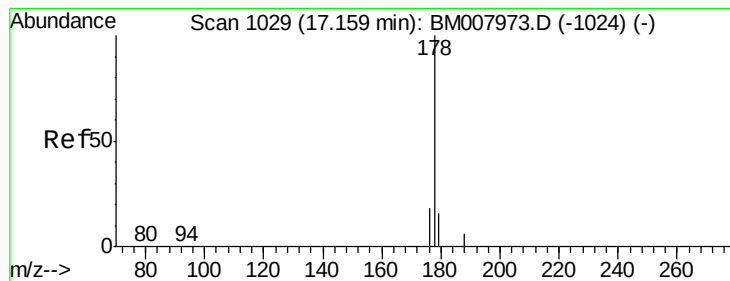
Ion 264.00 (263.70 to 264.70): E

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: BM007978.D

Acq: 22 Nov 2016 03:01

Instrument :

BNA_M

ClientSampleId :

JHSR6

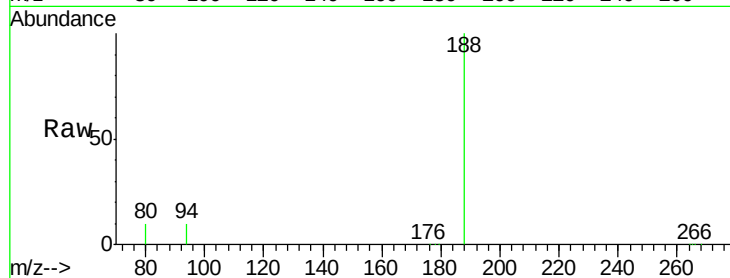
Tgt Ion:178 Resp: 99

Ion Ratio Lower Upper

178 100

176 63.4 18.4 27.6#

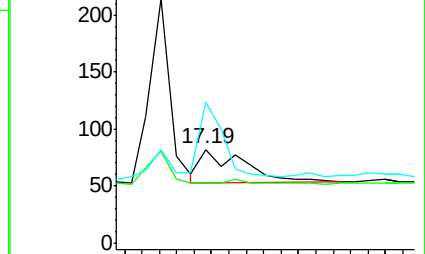
179 150.0 13.6 20.4#



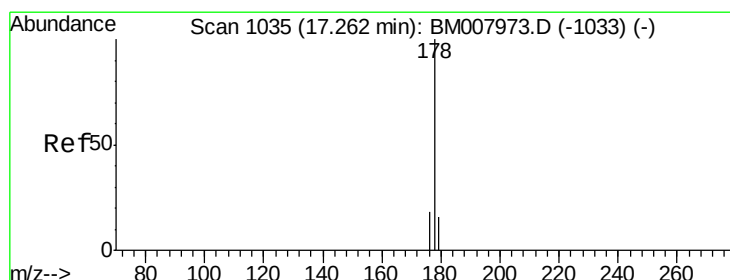
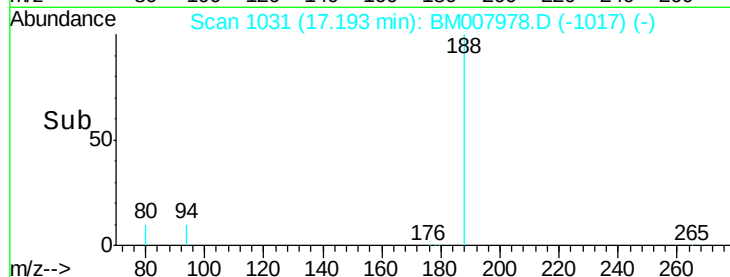
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#13

Anthracene

Concen: 0.00 ng/ul

RT: 17.40 min Scan# 1043

Delta R.T. 0.14 min

Lab File: BM007978.D

Acq: 22 Nov 2016 03:01

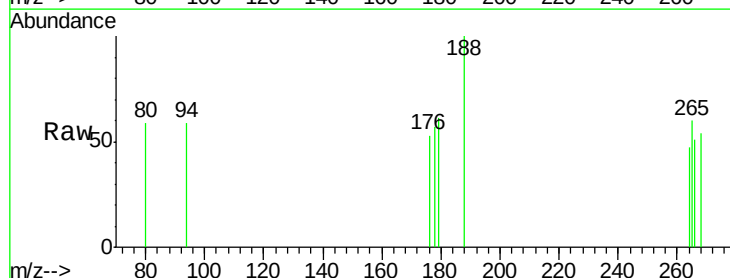
Tgt Ion:178 Resp: 7

Ion Ratio Lower Upper

178 100

176 92.9 18.1 27.1#

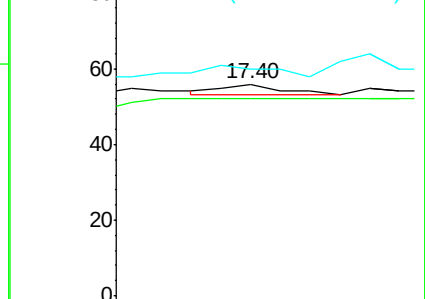
179 107.1 14.7 22.1#



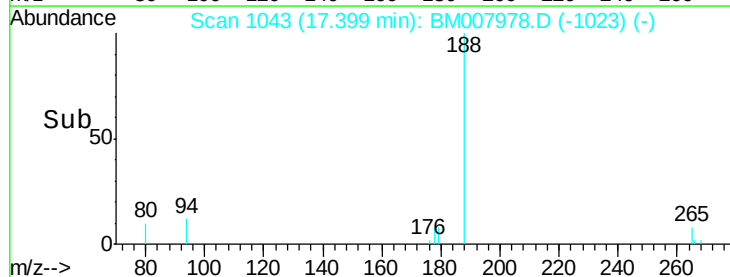
Abundance Ion 178.00 (177.70 to 178.70): E

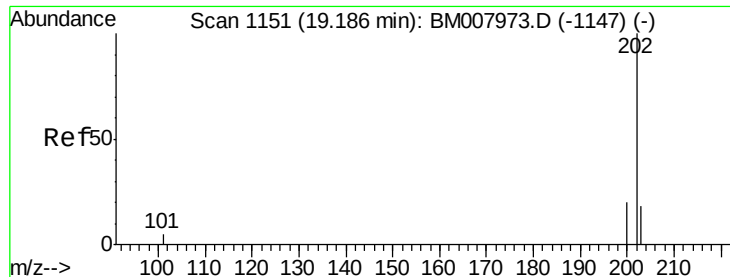
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#15

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.17 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BM007978.D

Acq: 22 Nov 2016 03:01

Instrument :

BNA_M

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JHSR6

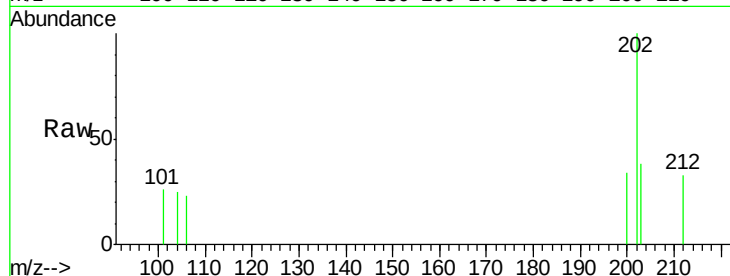
Tgt Ion:202 Resp: 356

Ion Ratio Lower Upper

202 100

101 26.4 0.0 30.3

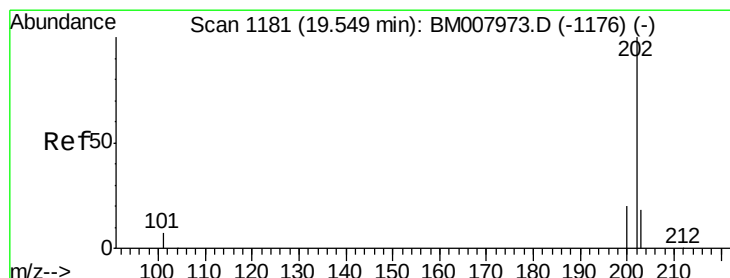
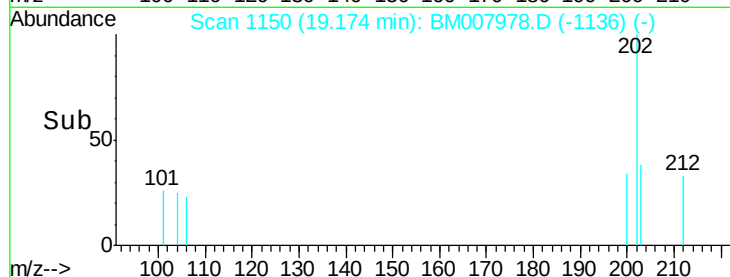
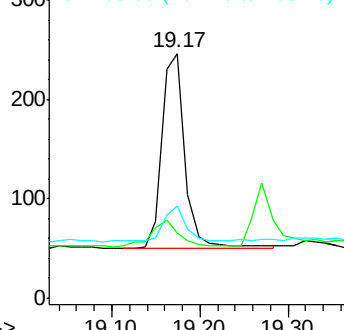
203 37.8 0.0 39.5



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: 0.09 ng/ul

RT: 19.52 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BM007978.D

Acq: 22 Nov 2016 03:01

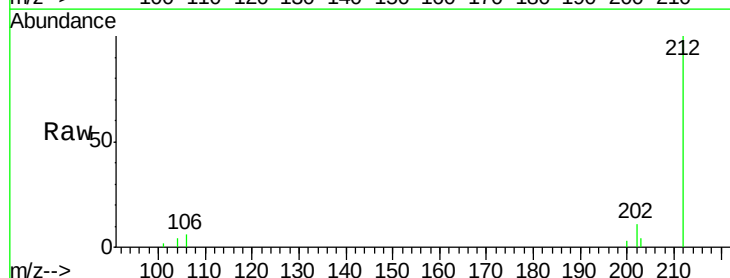
Tgt Ion:202 Resp: 821

Ion Ratio Lower Upper

202 100

200 30.2 18.2 27.4#

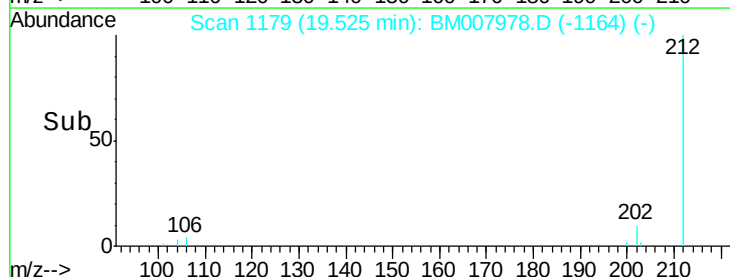
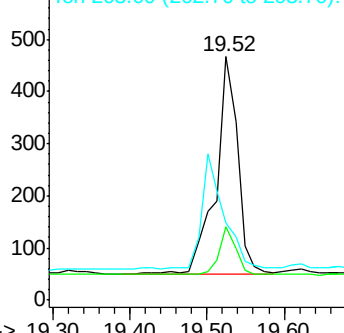
203 31.9 15.6 23.4#

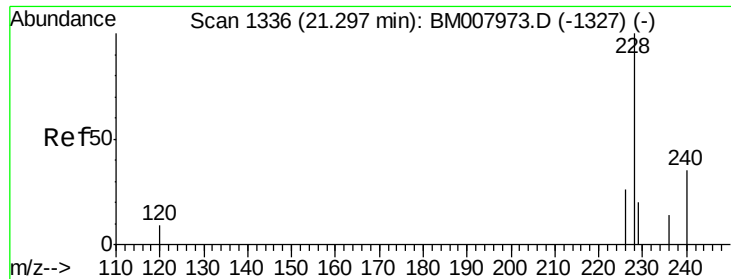


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.06 ng/ul

RT: 21.29 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BM007978.D

Acq: 22 Nov 2016 03:01

Instrument :

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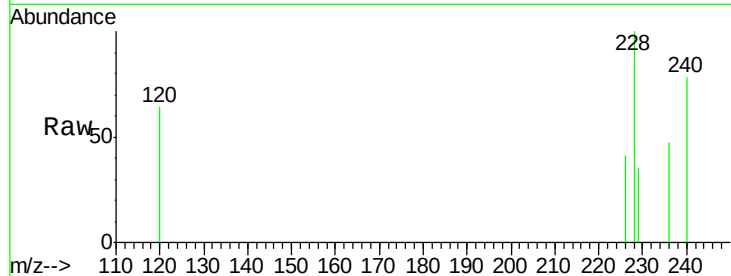
Tgt Ion:228 Resp: 465

Ion Ratio Lower Upper

228 100

226 41.2 22.8 34.2#

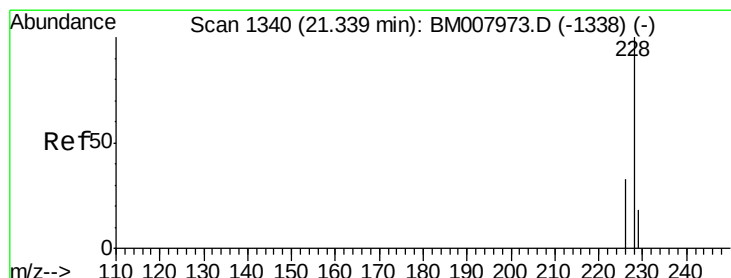
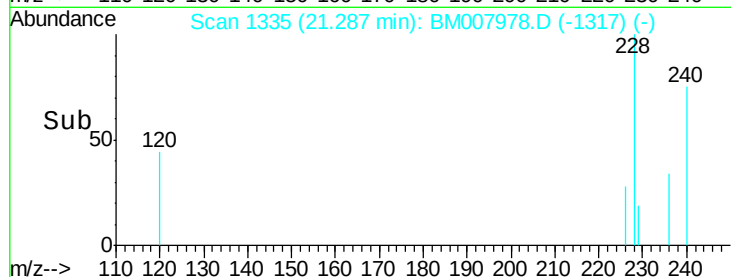
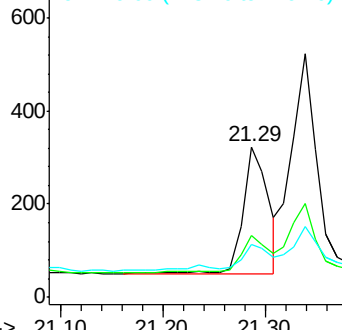
229 35.3 17.0 25.6#



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



#19

Chrysene

Concen: 0.08 ng/ul

RT: 21.34 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BM007978.D

Acq: 22 Nov 2016 03:01

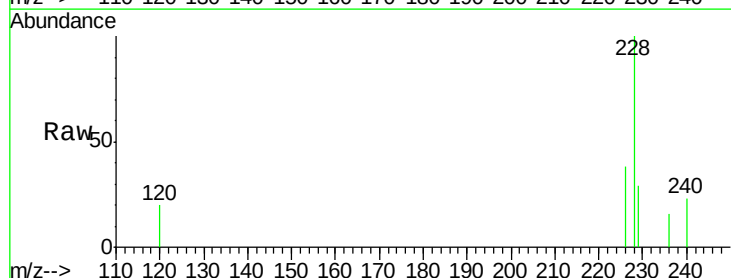
Tgt Ion:228 Resp: 822

Ion Ratio Lower Upper

228 100

226 38.4 23.4 35.0#

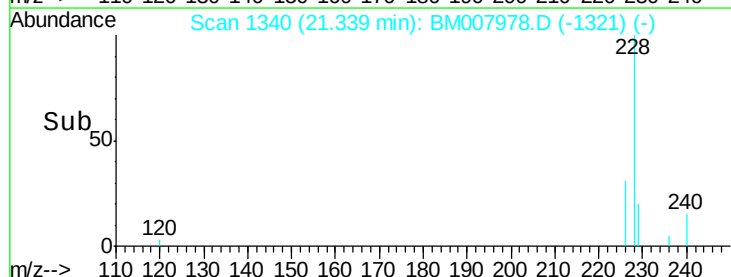
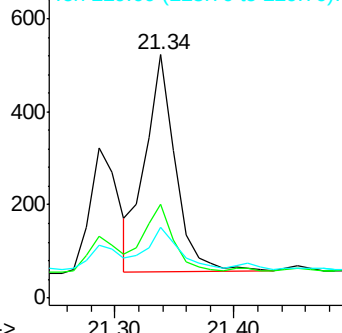
229 28.9 17.7 26.5#

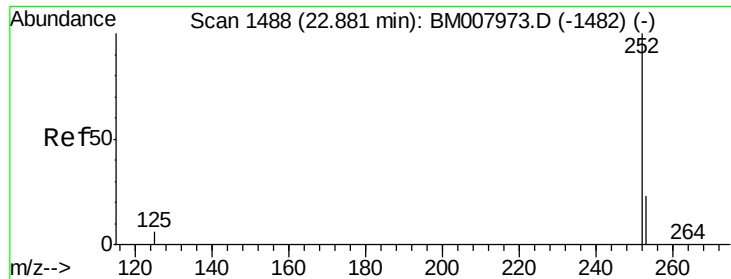


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.07 ng/ul

RT: 22.87 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BM007978.D

Acq: 22 Nov 2016 03:01

Instrument :

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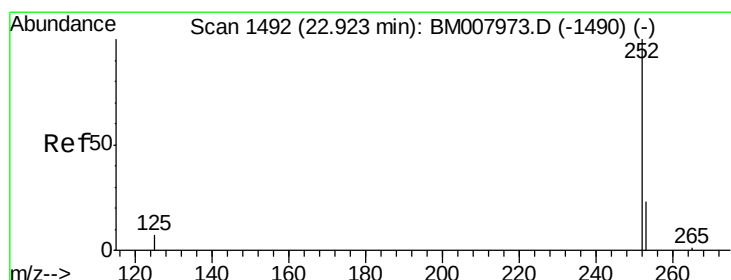
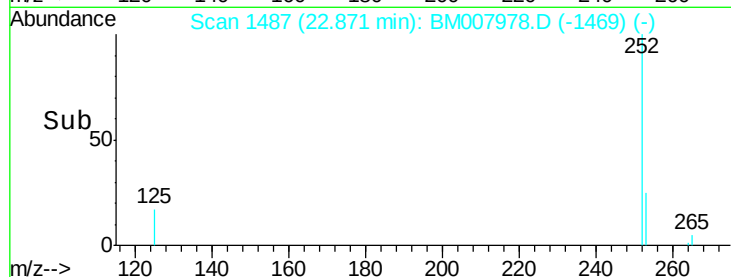
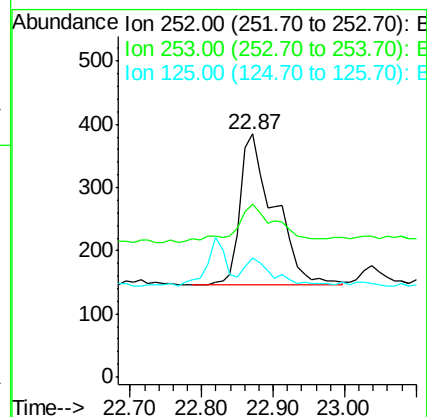
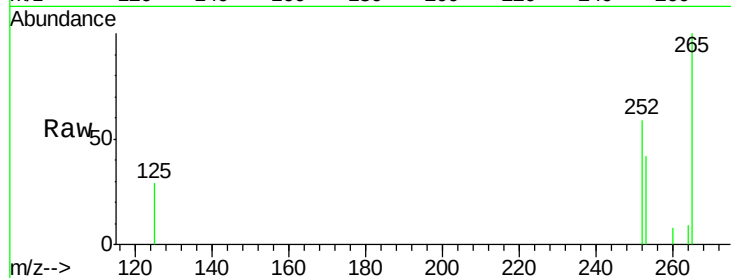
Tgt Ion:252 Resp: 788

Ion Ratio Lower Upper

252 100

253 71.2 0.0 64.2#

125 49.1 0.0 35.0#



#22

Benzo(k)fluoranthene

Concen: 0.07 ng/ul

RT: 22.87 min Scan# 1487

Delta R.T. -0.05 min

Lab File: BM007978.D

Acq: 22 Nov 2016 03:01

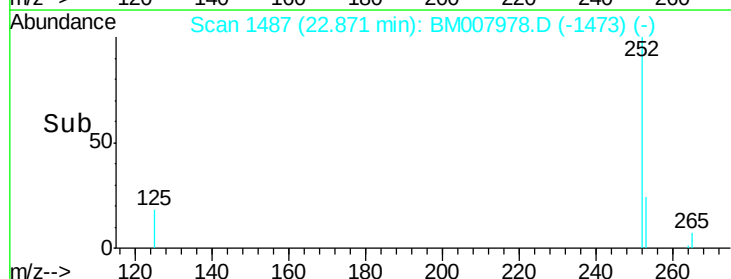
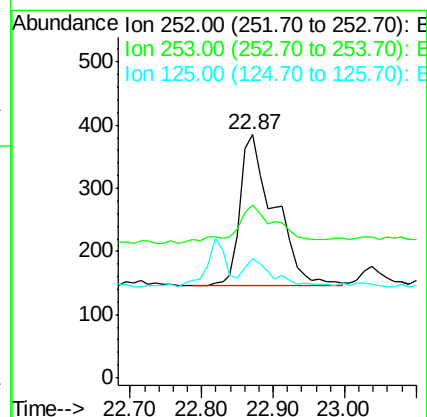
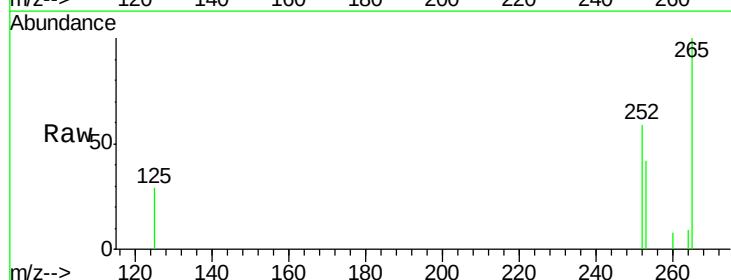
Tgt Ion:252 Resp: 788

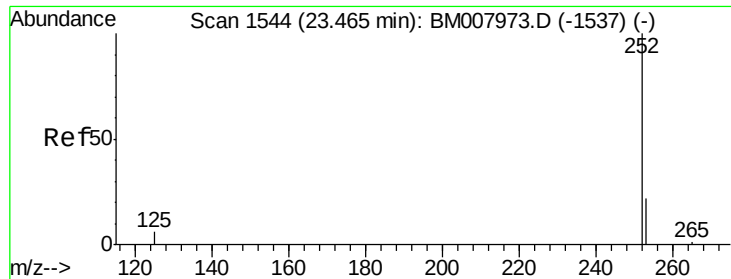
Ion Ratio Lower Upper

252 100

253 71.2 24.5 36.7#

125 49.1 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.04 ng/ul

RT: 23.43 min Scan# 1541

Delta R.T. -0.03 min

Lab File: BM007978.D

Acq: 22 Nov 2016 03:01

Instrument :

BNA_M

ClientSampleId :

JHSR6

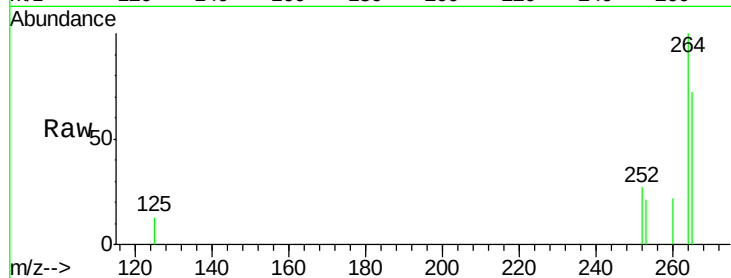
Tgt Ion: 252 Resp: 458

Ion Ratio Lower Upper

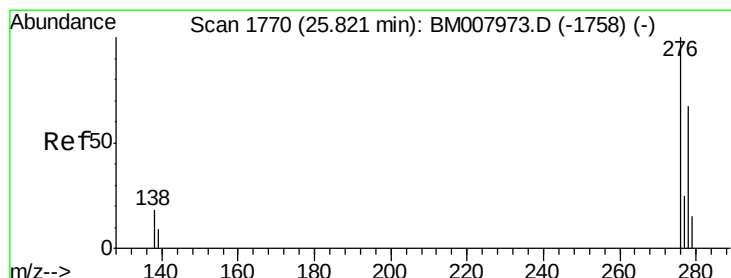
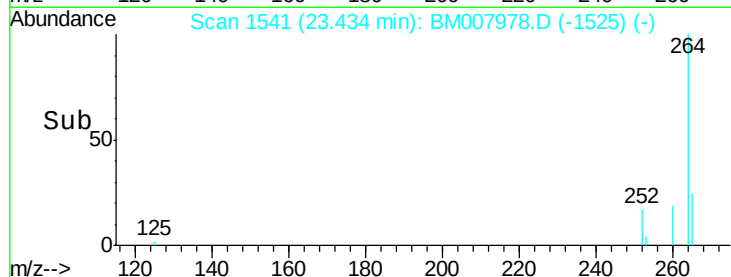
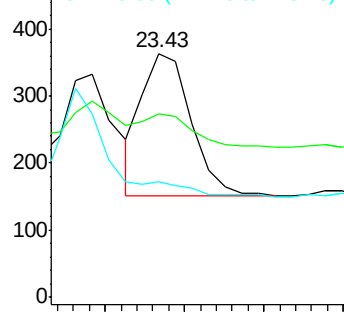
252 100

253 75.2 28.5 42.7#

125 47.7 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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.02 ng/ul

RT: 25.82 min Scan# 1770

Delta R.T. 0.00 min

Lab File: BM007978.D

Acq: 22 Nov 2016 03:01

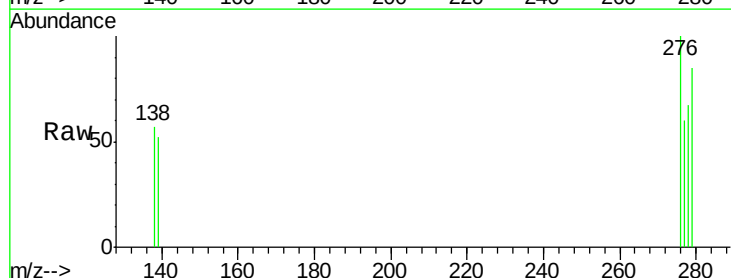
Tgt Ion: 276 Resp: 262

Ion Ratio Lower Upper

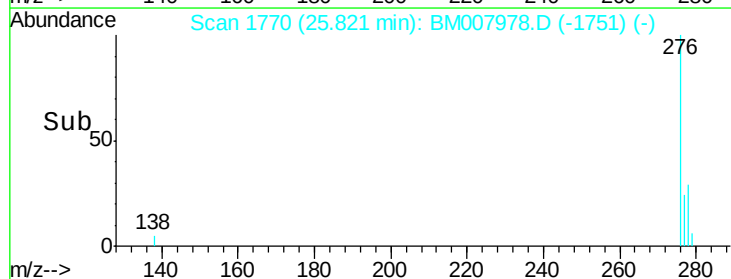
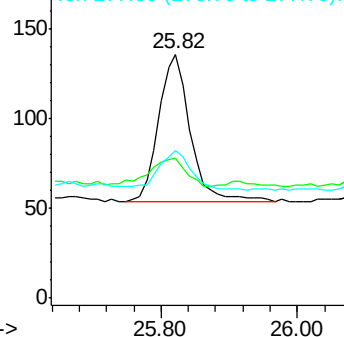
276 100

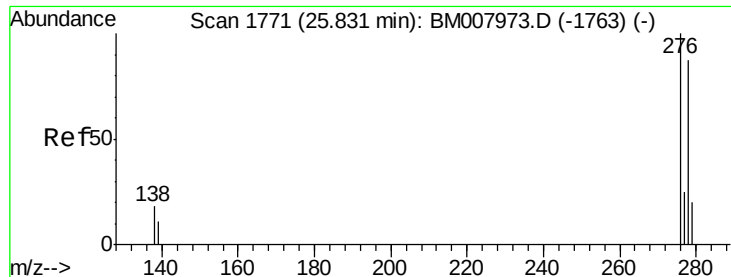
138 23.7 19.1 28.7

277 28.2 19.6 29.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.01 ng/ul

RT: 25.82 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BM007978.D

Acq: 22 Nov 2016 03:01

Instrument :

BNA_M

ClientSampleId :

JHSR6

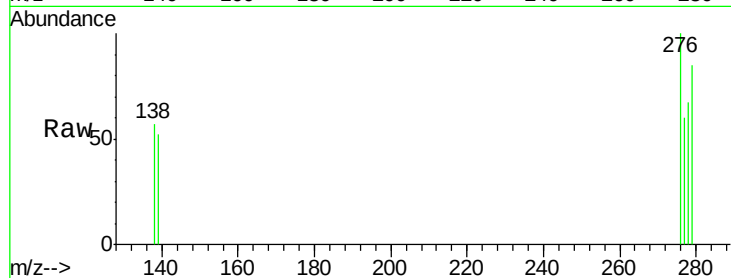
Tgt Ion: 278 Resp: 134

Ion Ratio Lower Upper

278 100

139 78.0 17.4 26.0#

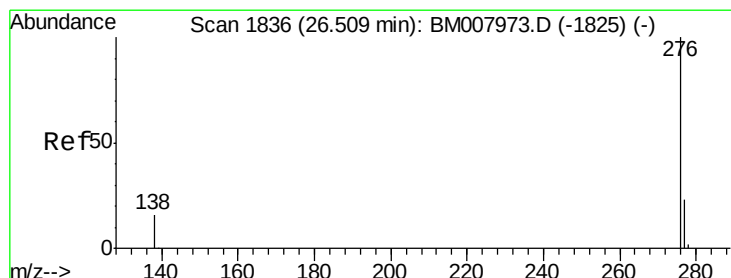
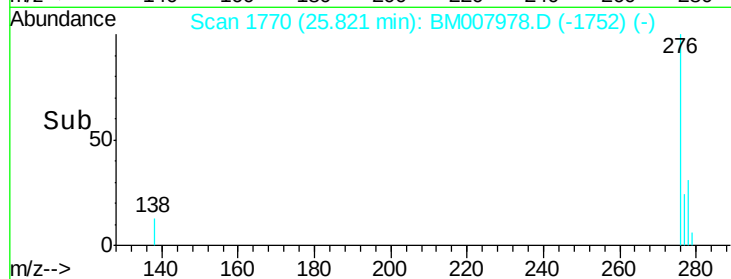
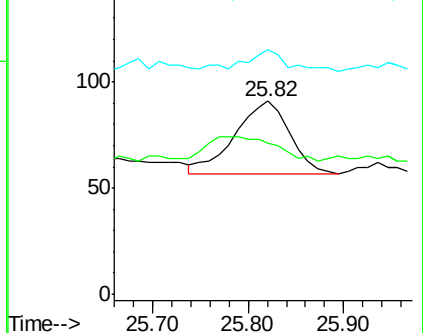
279 126.4 25.9 38.9#



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: 0.04 ng/ul

RT: 26.51 min Scan# 1836

Delta R.T. 0.00 min

Lab File: BM007978.D

Acq: 22 Nov 2016 03:01

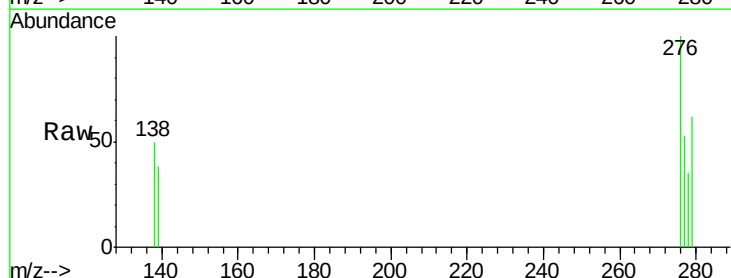
Tgt Ion: 276 Resp: 408

Ion Ratio Lower Upper

276 100

277 52.7 21.8 32.8#

138 49.7 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

