

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112116\
 Data File : BM007977.D
 Acq On : 22 Nov 2016 02:26
 Operator : UM/SJ
 Sample : H5694-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSR5

Quant Time: Nov 22 05:51:47 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	610	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.50	136	2025	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.35	164	1269	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.19	188	173676	0.40	ng/ul	0.07
16) Chrysene-d12	21.30	240	2681	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	132423	0.40	ng/ul	-0.17

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	898	0.31	ng/ul	-0.01
14) Fluoranthene-d10	19.14	212	2099	0.00	ng/ul	0.00

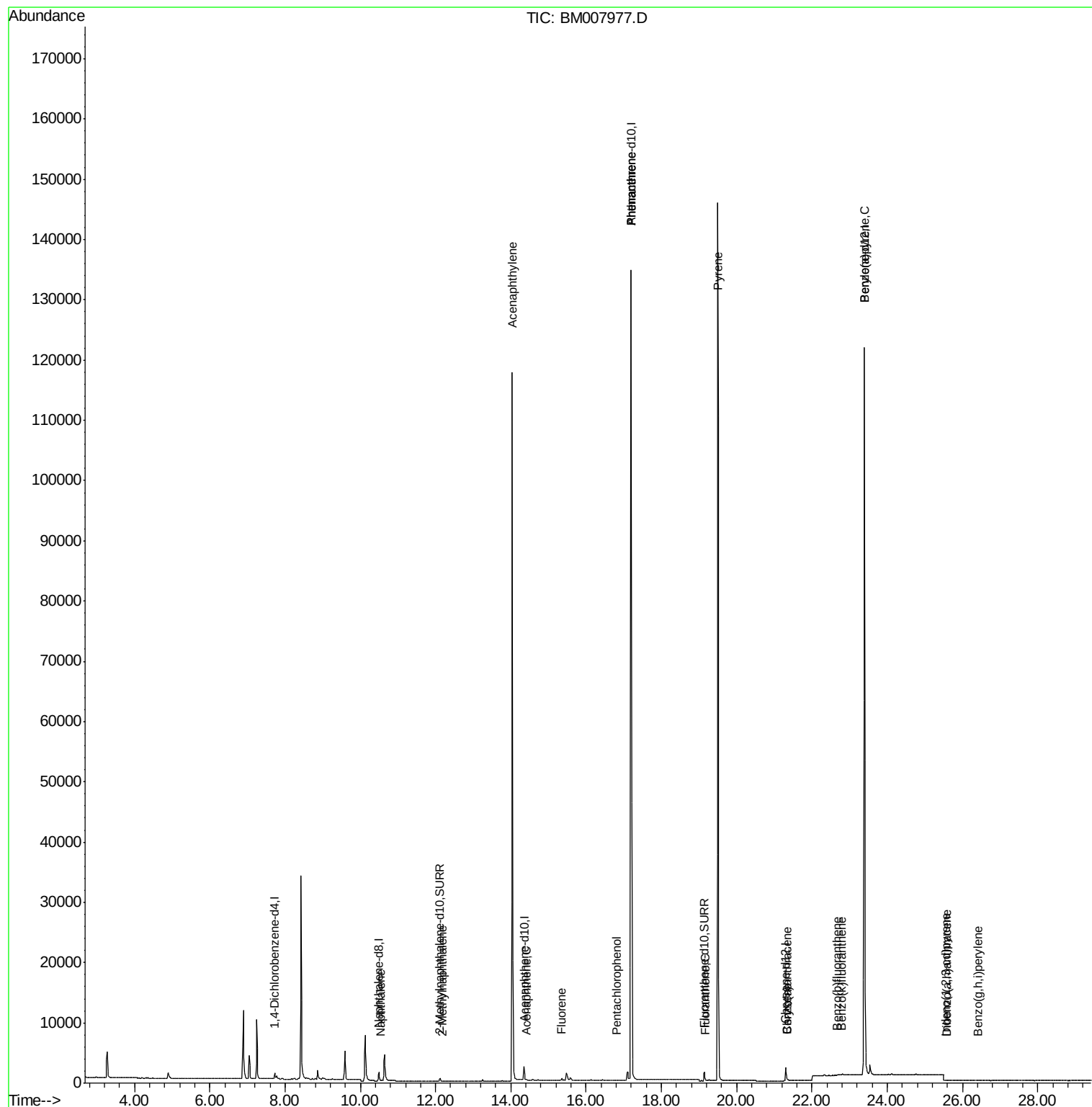
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.55	128	48	0.01	ng/ul#	1
5) 2-Methylnaphthalene	12.18	142	31	0.01	ng/ul	90
7) Acenaphthylene	14.04	152	26	0.00	ng/ul#	1
8) Acenaphthene	14.42	153	12	0.00	ng/ul#	70
9) Fluorene	15.34	166	359	0.07	ng/ul#	37
11) Pentachlorophenol	16.82	266	1	0.00	ng/ul#	1
12) Phenanthrene	17.19	178	125	0.00	ng/ul#	1
13) Anthracene	17.19	178	147	0.00	ng/ul#	1
15) Fluoranthene	19.17	202	163	0.00	ng/ul#	27
17) Pyrene	19.50	202	452	0.05	ng/ul#	1
18) Benzo(a)anthracene	21.35	228	318	0.04	ng/ul#	55
19) Chrysene	21.35	228	326	0.03	ng/ul#	57
21) Benzo(b)fluoranthene	22.66	252	8	0.00	ng/ul#	1
22) Benzo(k)fluoranthene	22.78	252	6	0.00	ng/ul#	1
23) Benzo(a)pyrene	23.39	252	772	0.00	ng/ul#	34
24) Indeno(1,2,3-cd)pyrene	25.56	276	432	0.00	ng/ul#	51
25) Dibenzo(a,h)anthracene	25.59	278	1036	0.00	ng/ul#	1
26) Benzo(g,h,i)perylene	26.40	276	1	0.00	ng/ul#	1

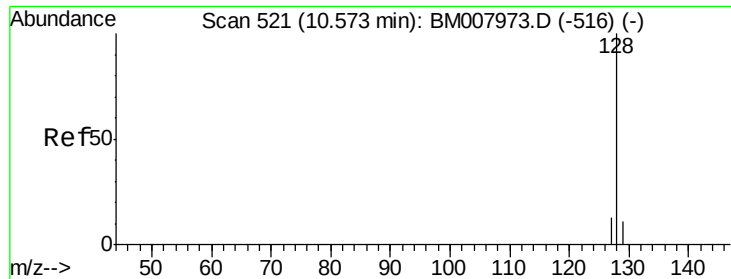
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.01 ng/ul

RT: 10.55 min Scan# 519

Delta R.T. -0.02 min

Lab File: BM007977.D

Acq: 22 Nov 2016 02:26

Instrument :

BNA_M

ClientSampleId :

JHSR5

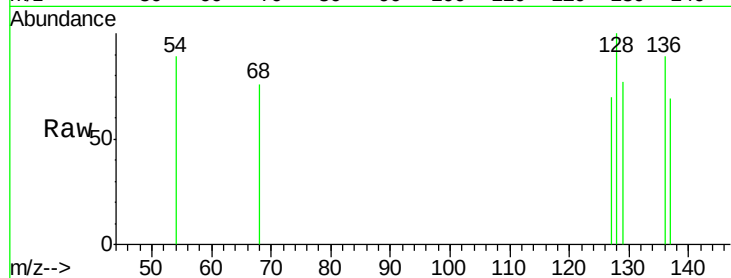
Tgt Ion:128 Resp: 48

Ion Ratio Lower Upper

128 100

129 77.0 11.3 16.9#

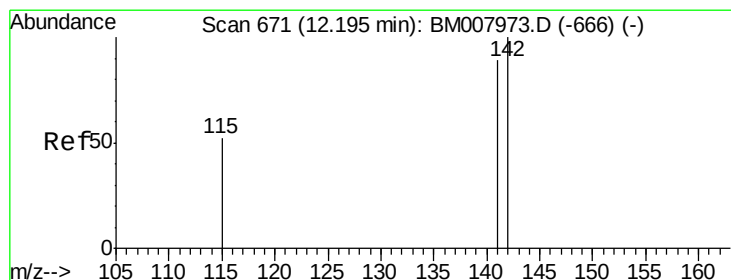
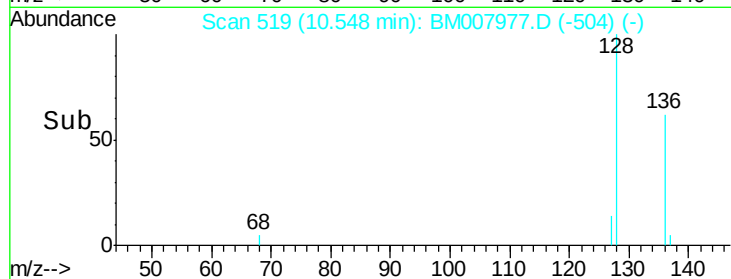
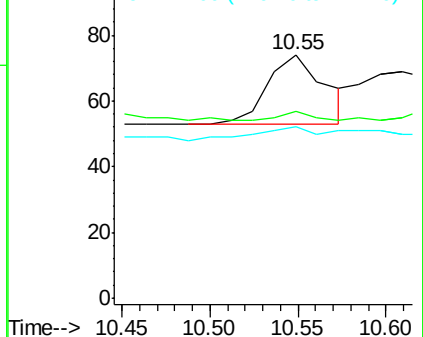
127 70.3 12.8 19.2#



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: 0.01 ng/ul

RT: 12.18 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM007977.D

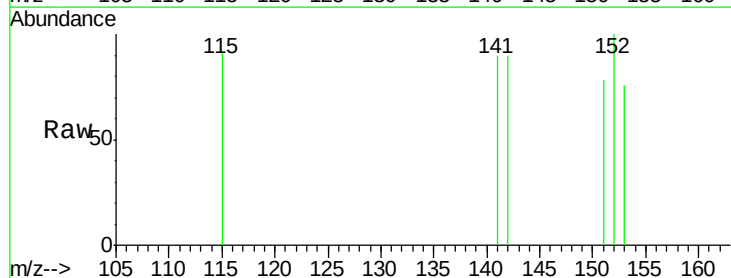
Acq: 22 Nov 2016 02:26

Tgt Ion:142 Resp: 31

Ion Ratio Lower Upper

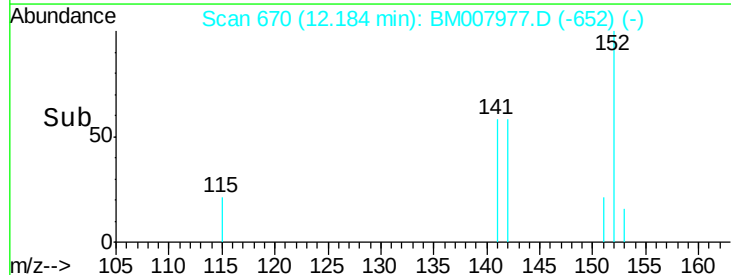
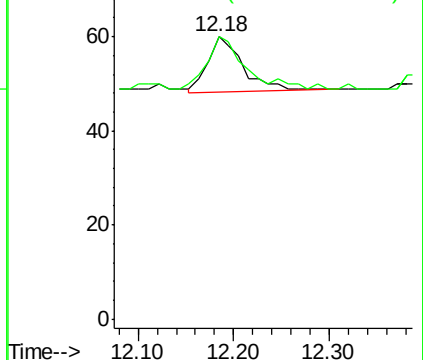
142 100

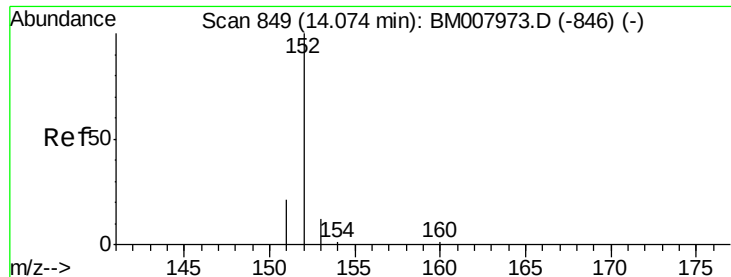
141 100.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.00 ng/ul

RT: 14.04 min Scan# 847

Delta R.T. -0.03 min

Lab File: BM007977.D

Acq: 22 Nov 2016 02:26

Instrument :

BNA_M

ClientSampleId :

JHSR5

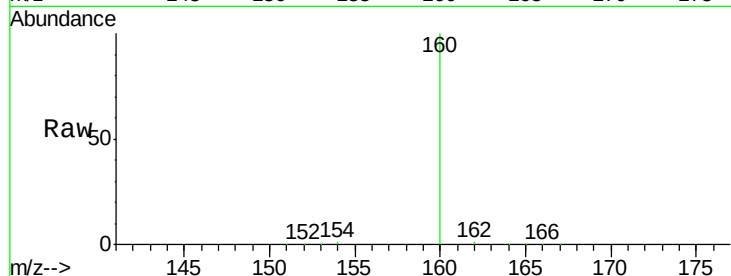
Tgt Ion:152 Resp: 26

Ion Ratio Lower Upper

152 100

151 89.5 17.1 25.7#

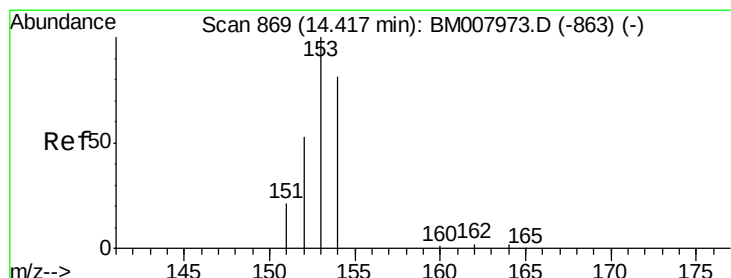
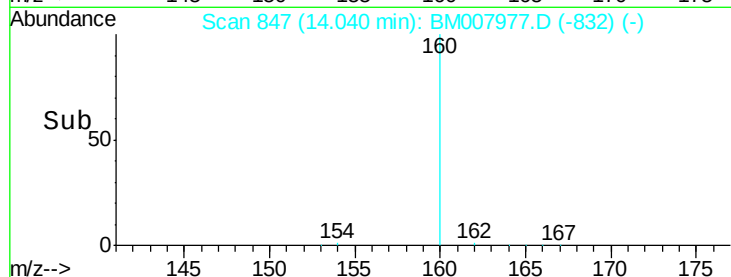
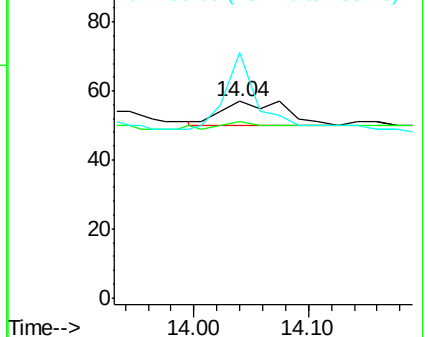
153 124.6 12.8 19.2#



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: BM007977.D

Acq: 22 Nov 2016 02:26

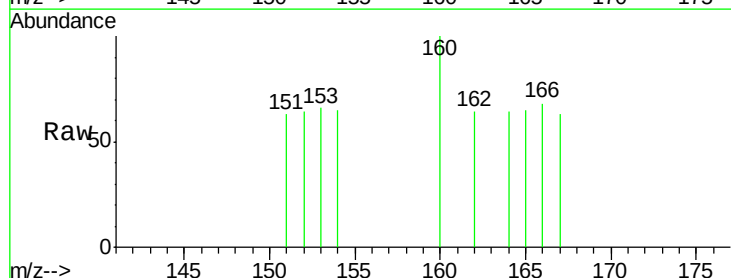
Tgt Ion:153 Resp: 12

Ion Ratio Lower Upper

153 100

152 96.2 40.3 60.5#

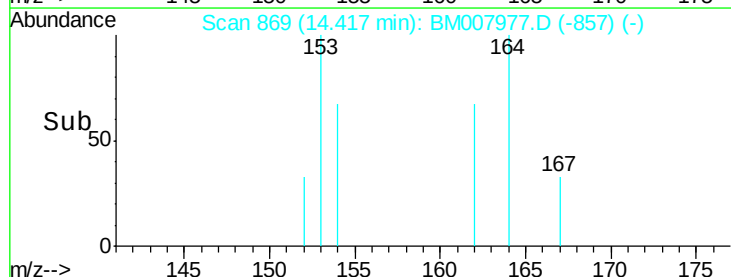
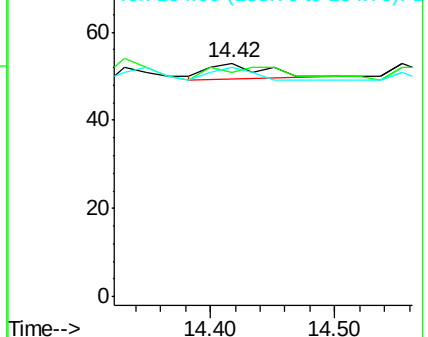
154 98.1 71.4 107.2

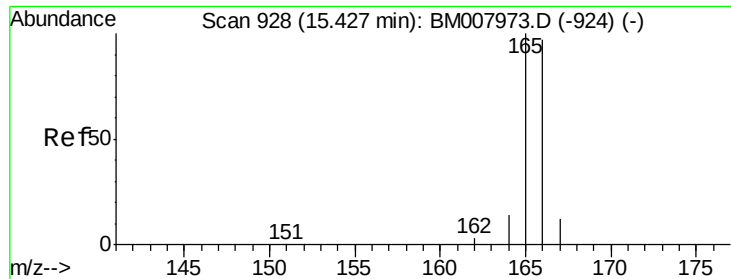


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.07 ng/ul

RT: 15.34 min Scan# 923

Delta R.T. -0.09 min

Lab File: BM007977.D

Acq: 22 Nov 2016 02:26

Instrument :

BNA_M

ClientSampleId :

JHSR5

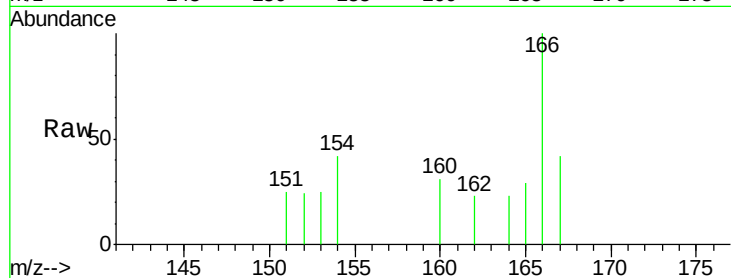
Tgt Ion:166 Resp: 359

Ion Ratio Lower Upper

166 100

165 29.4 73.4 110.2#

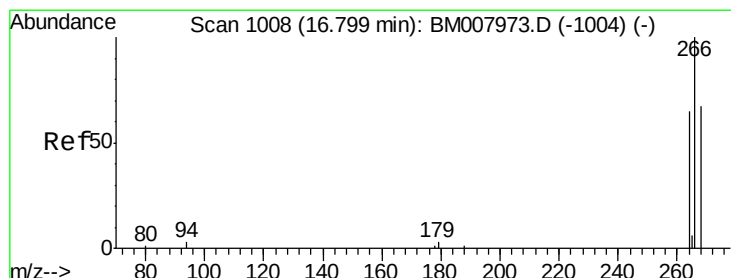
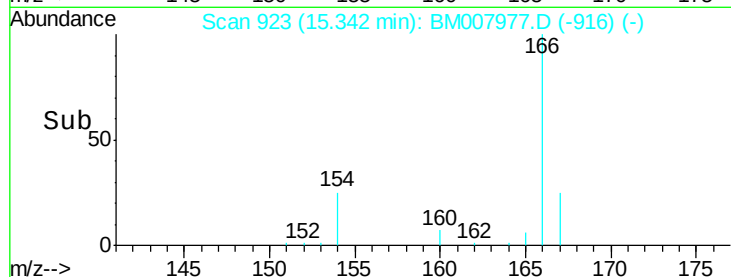
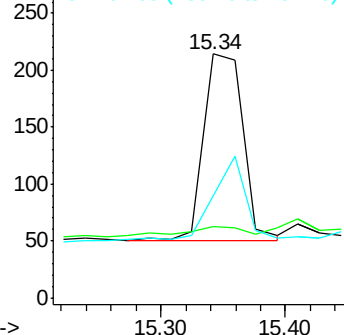
167 42.1 14.6 22.0#



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



#11

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.82 min Scan# 1009

Delta R.T. 0.02 min

Lab File: BM007977.D

Acq: 22 Nov 2016 02:26

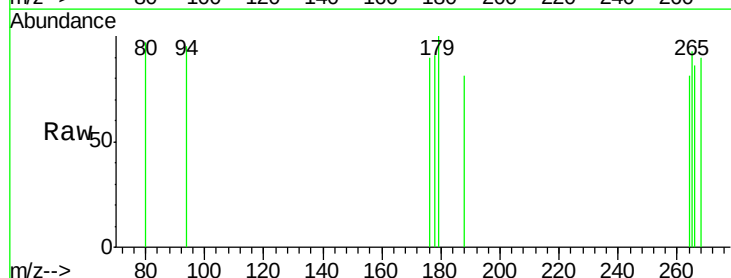
Tgt Ion:266 Resp: 1

Ion Ratio Lower Upper

266 100

264 0.0 47.9 71.9#

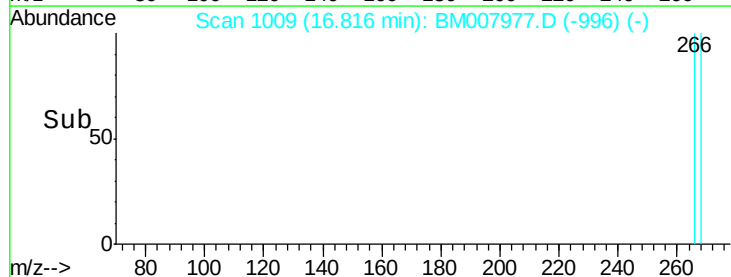
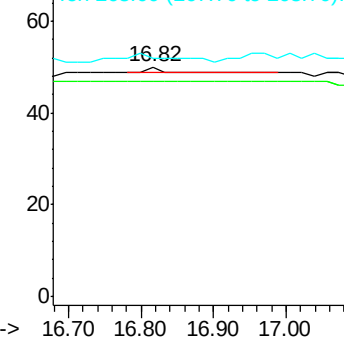
268 1000.0 49.8 74.8#

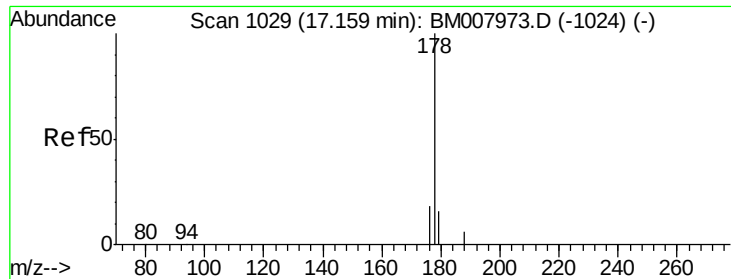


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.19 min Scan# 1031

Delta R.T. 0.03 min

Lab File: BM007977.D

Acq: 22 Nov 2016 02:26

Instrument :

BNA_M

ClientSampleId :

JHSR5

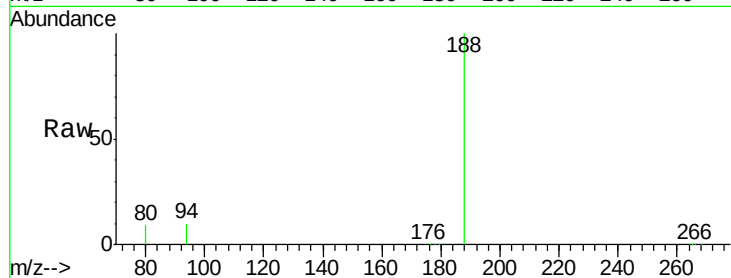
Tgt Ion:178 Resp: 125

Ion Ratio Lower Upper

178 100

176 49.1 18.4 27.6#

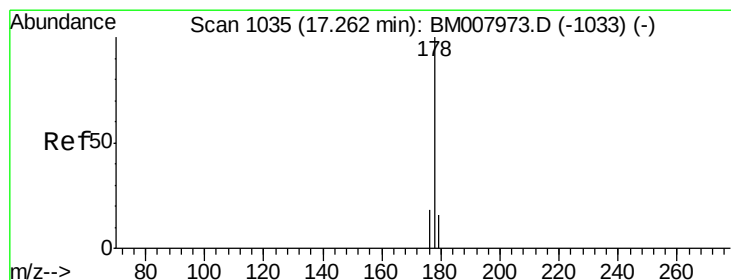
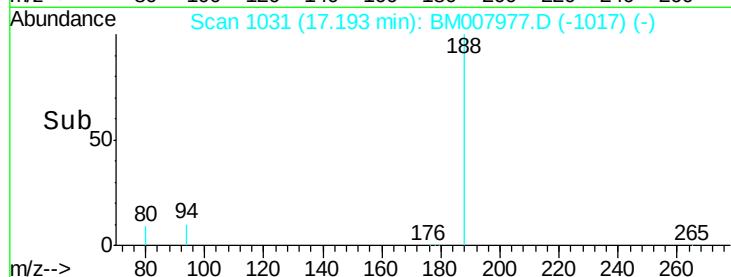
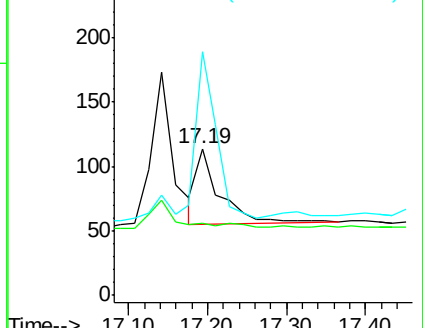
179 165.8 13.6 20.4#



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



#13

Anthracene

Concen: 0.00 ng/ul

RT: 17.19 min Scan# 1031

Delta R.T. -0.07 min

Lab File: BM007977.D

Acq: 22 Nov 2016 02:26

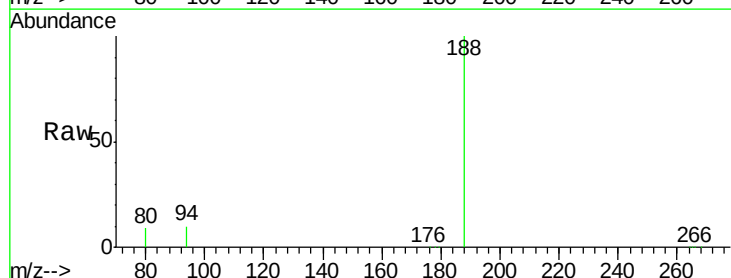
Tgt Ion:178 Resp: 147

Ion Ratio Lower Upper

178 100

176 49.1 18.1 27.1#

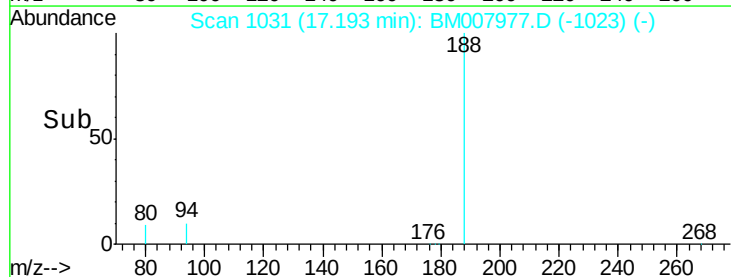
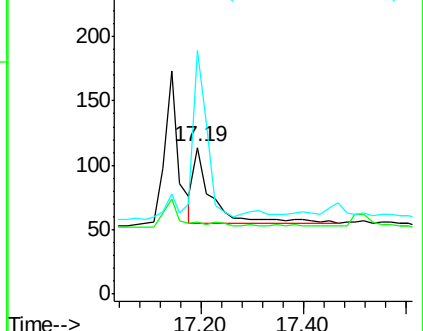
179 165.8 14.7 22.1#

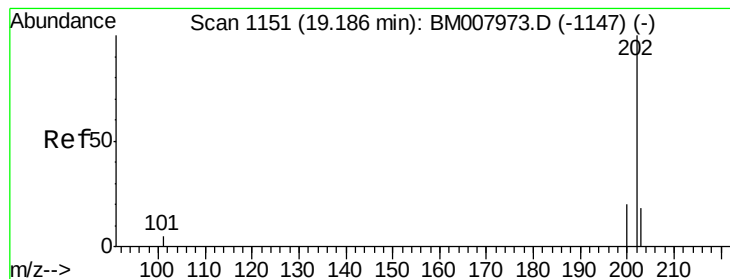


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.17 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BM007977.D

Acq: 22 Nov 2016 02:26

Instrument :

BNA_M

ClientSampleId :

JHSR5

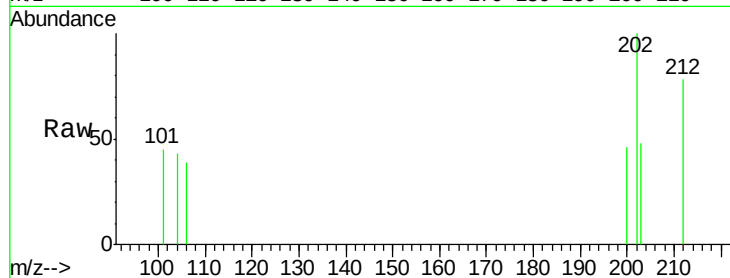
Tgt Ion:202 Resp: 163

Ion Ratio Lower Upper

202 100

101 44.6 0.0 30.3#

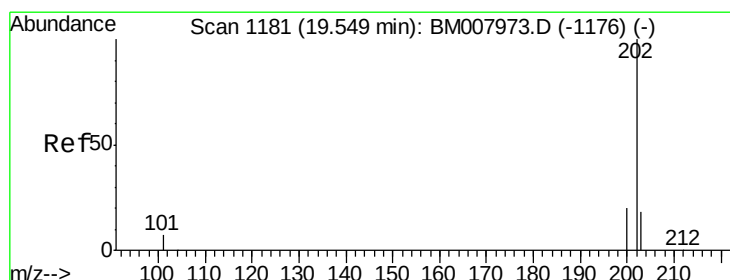
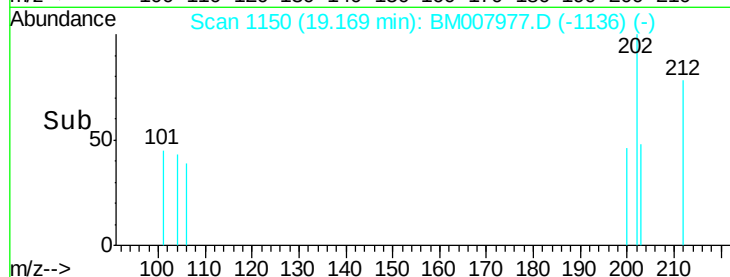
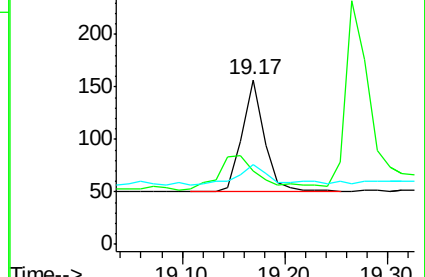
203 48.4 0.0 39.5#



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: 0.05 ng/ul

RT: 19.50 min Scan# 1177

Delta R.T. -0.05 min

Lab File: BM007977.D

Acq: 22 Nov 2016 02:26

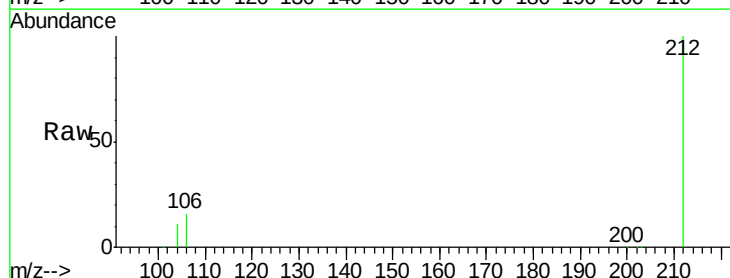
Tgt Ion:202 Resp: 452

Ion Ratio Lower Upper

202 100

200 20.3 18.2 27.4

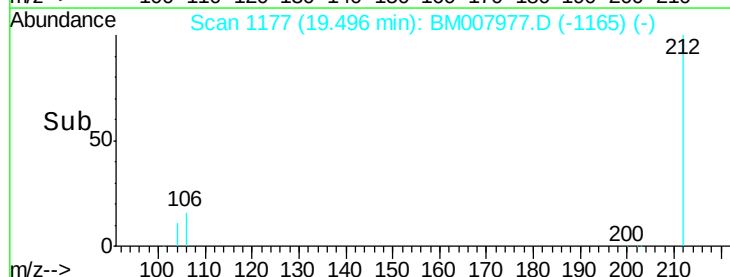
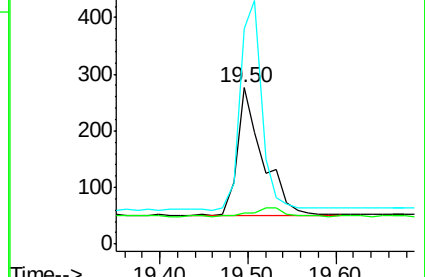
203 138.0 15.6 23.4#

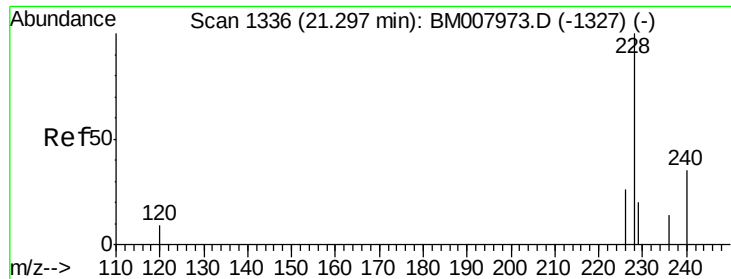


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.04 ng/ul

RT: 21.35 min Scan# 1341

Delta R.T. 0.05 min

Lab File: BM007977.D

Acq: 22 Nov 2016 02:26

Instrument :

BNA_M

ClientSampleId :

JHSR5

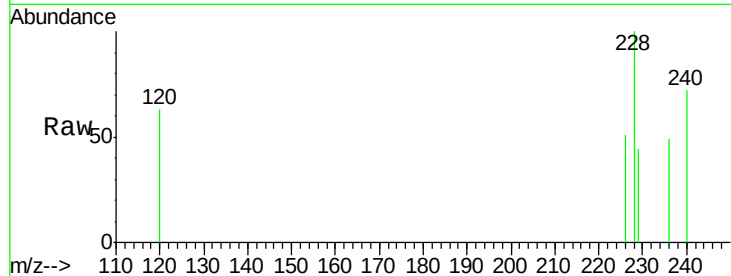
Tgt Ion:228 Resp: 318

Ion Ratio Lower Upper

228 100

226 51.4 22.8 34.2#

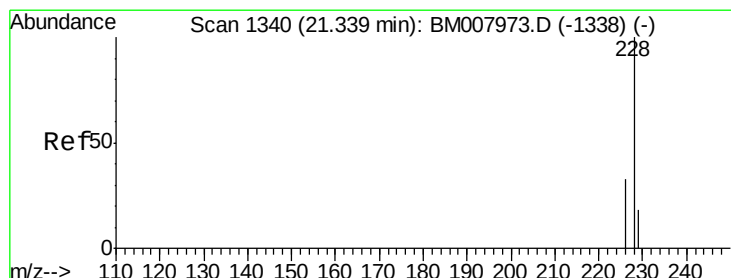
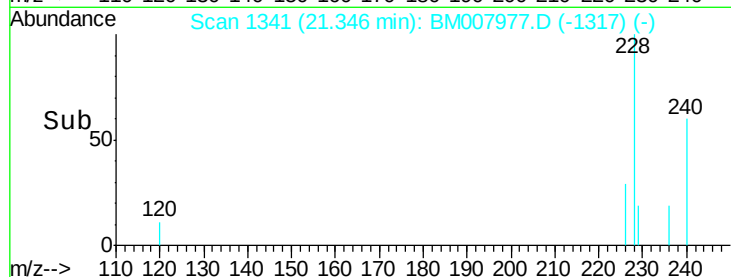
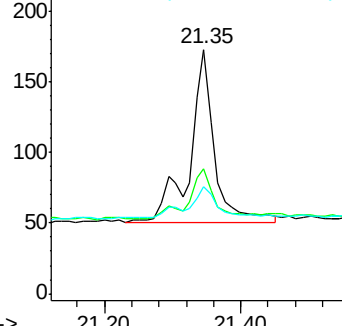
229 43.9 17.0 25.6#



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: 0.03 ng/ul

RT: 21.35 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BM007977.D

Acq: 22 Nov 2016 02:26

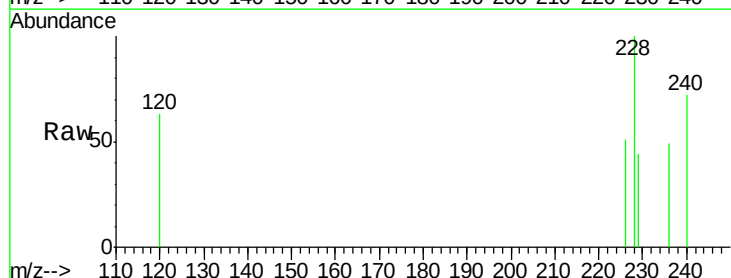
Tgt Ion:228 Resp: 326

Ion Ratio Lower Upper

228 100

226 51.4 23.4 35.0#

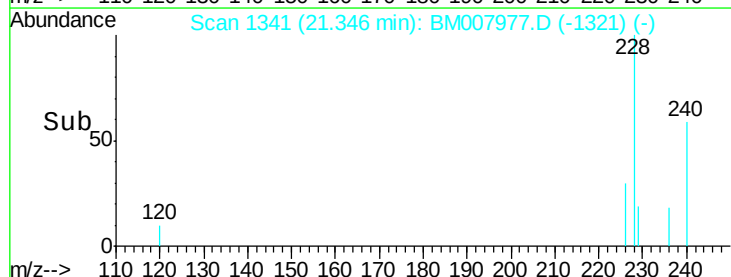
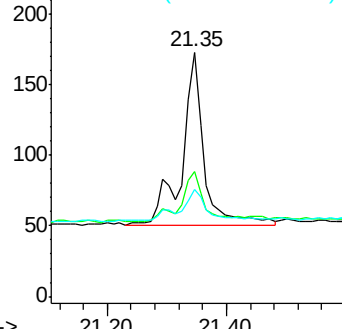
229 43.9 17.7 26.5#

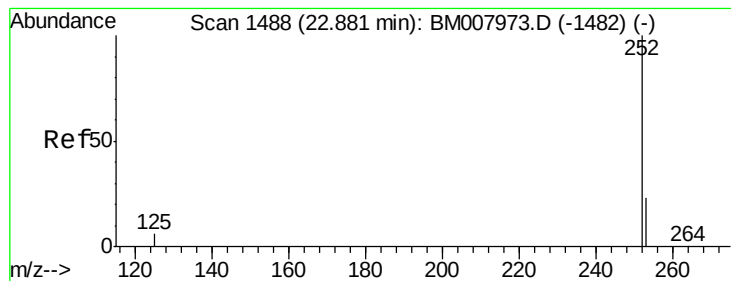


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 22.66 min Scan# 1467

Delta R.T. -0.22 min

Lab File: BM007977.D

Acq: 22 Nov 2016 02:26

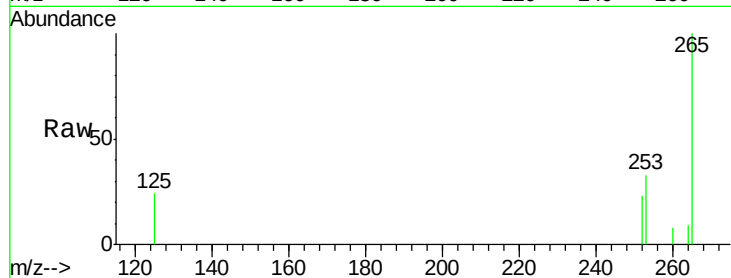
Instrument :

BNA_M

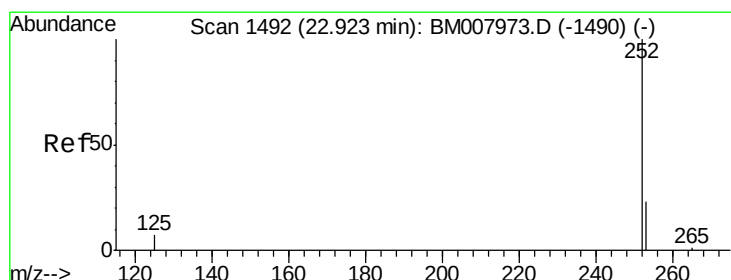
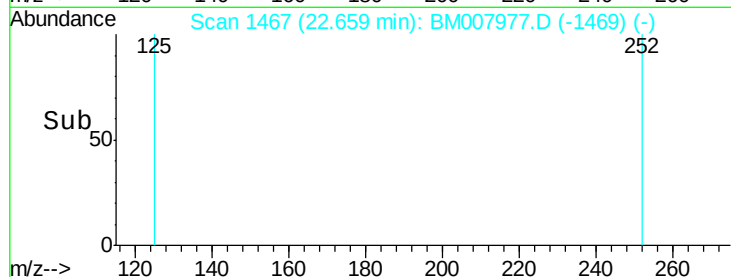
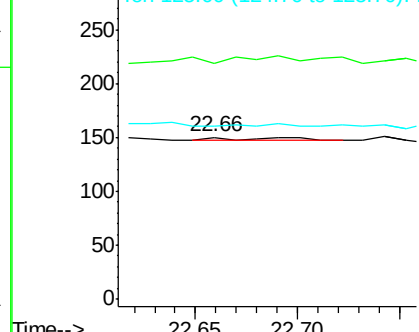
ClientSampleId :

JHSR5

Tgt Ion:	252	Resp:	8
Ion	Ratio	Lower	Upper
252	100		
253	146.0	0.0	64.2#
125	107.3	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

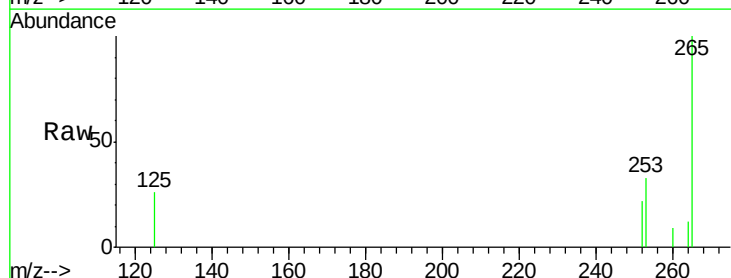
RT: 22.78 min Scan# 1479

Delta R.T. -0.14 min

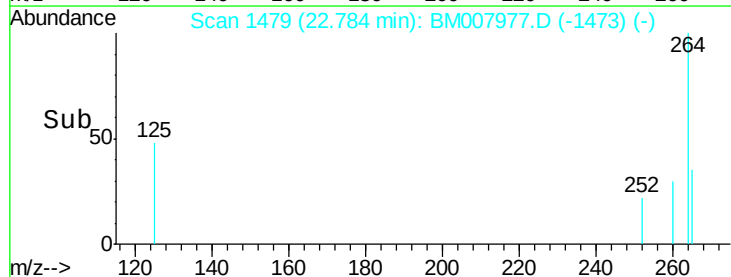
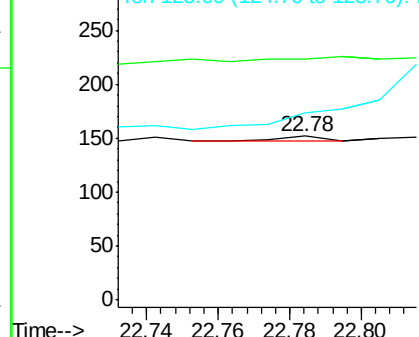
Lab File: BM007977.D

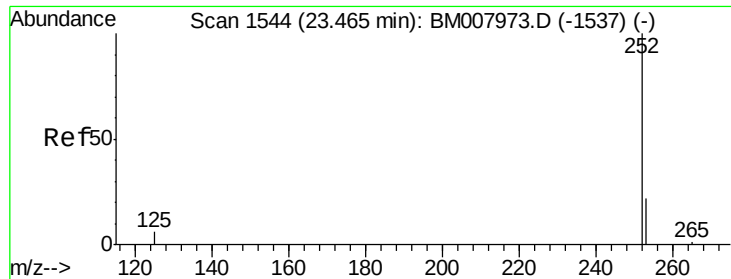
Acq: 22 Nov 2016 02:26

Tgt Ion:	252	Resp:	6
Ion	Ratio	Lower	Upper
252	100		
253	146.7	24.5	36.7#
125	113.8	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. -0.08 min

Lab File: BM007977.D

Acq: 22 Nov 2016 02:26

Instrument :

BNA_M

ClientSampleId :

JHSR5

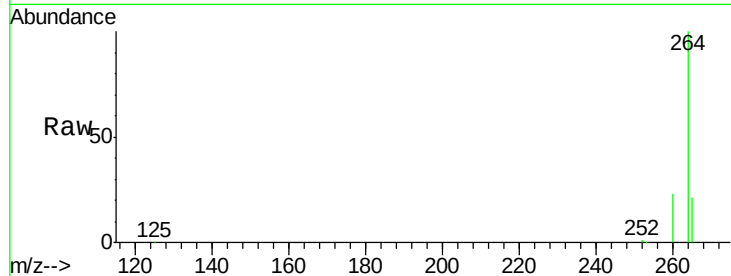
Tgt Ion:252 Resp: 772

Ion Ratio Lower Upper

252 100

253 64.3 28.5 42.7#

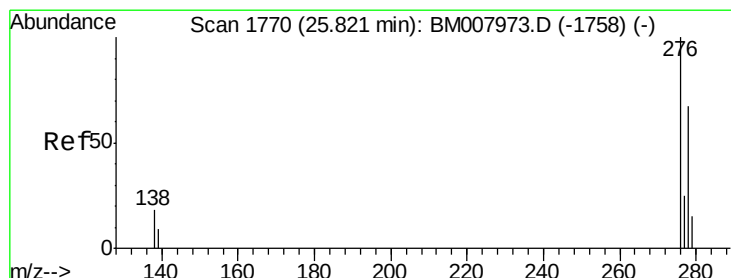
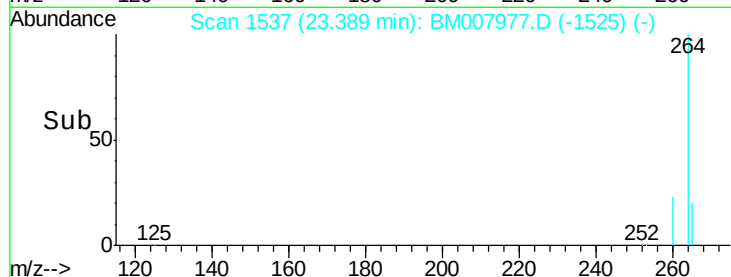
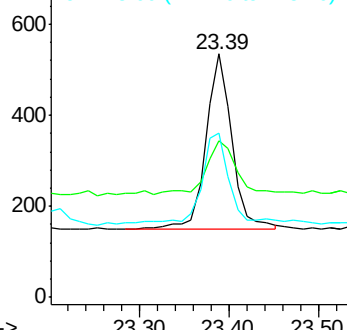
125 67.7 18.1 27.1#



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: 0.00 ng/ul

RT: 25.56 min Scan# 1745

Delta R.T. -0.26 min

Lab File: BM007977.D

Acq: 22 Nov 2016 02:26

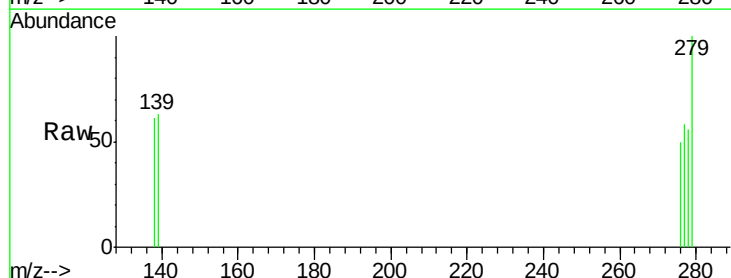
Tgt Ion:276 Resp: 432

Ion Ratio Lower Upper

276 100

138 0.0 19.1 28.7#

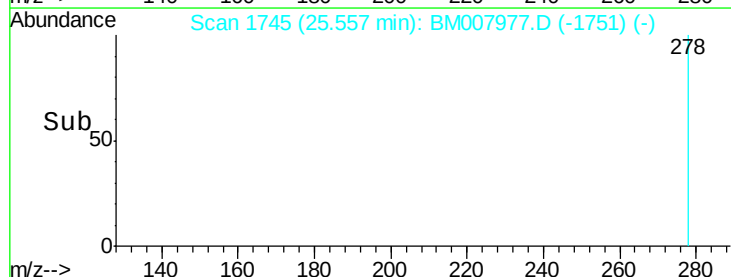
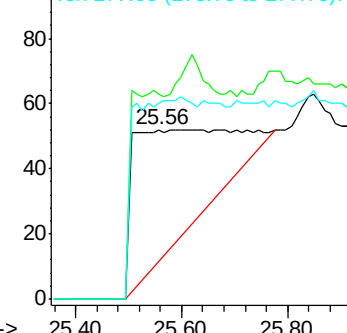
277 0.0 19.6 29.4#

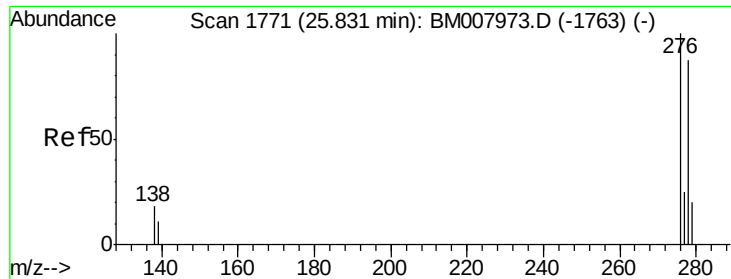


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

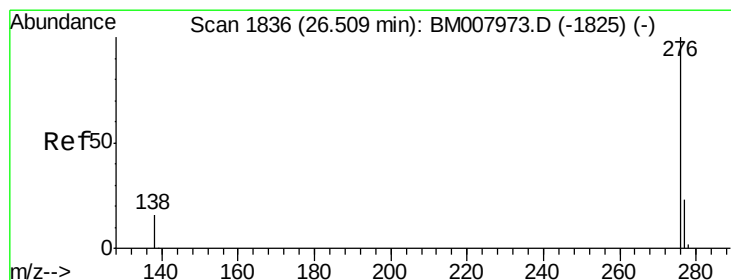
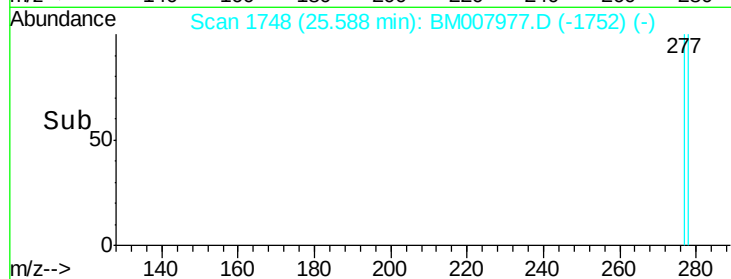
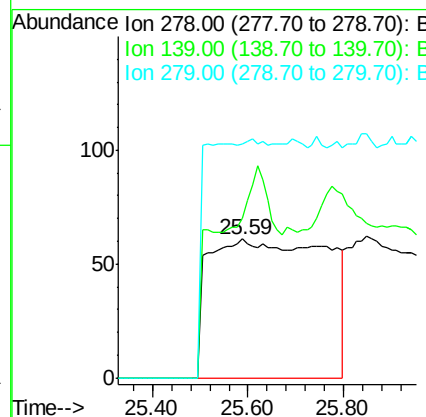
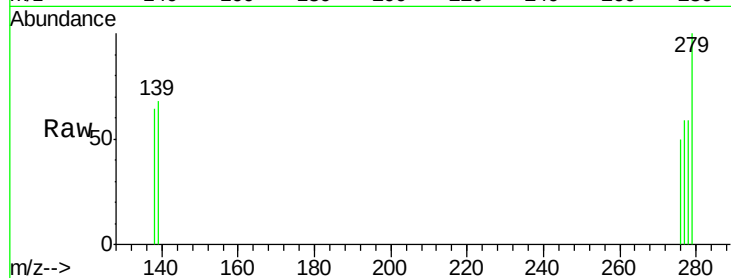




#25
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.59 min Scan# 1748
Delta R.T. -0.24 min
Lab File: BM007977.D
Acq: 22 Nov 2016 02:26

Instrument :
BNA_M
ClientSampleId :
JHSR5

Tgt Ion: 278 Resp: 1036
Ion Ratio Lower Upper
278 100
139 114.8 17.4 26.0#
279 168.9 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 26.40 min Scan# 1826
Delta R.T. -0.11 min
Lab File: BM007977.D
Acq: 22 Nov 2016 02:26

Tgt Ion: 276 Resp: 1
Ion Ratio Lower Upper
276 100
277 113.5 21.8 32.8#
138 121.2 20.5 30.7#

