

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112116\
 Data File : BM007982.D
 Acq On : 22 Nov 2016 05:24
 Operator : UM/SJ
 Sample : H5694-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSR8

Quant Time: Nov 22 06:17:54 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	638	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.50	136	2111	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.35	164	1367	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.19	188	163244	0.40	ng/ul	0.07
16) Chrysene-d12	21.31	240	2784	0.40	ng/ul	0.00
20) Perylene-d12	23.55	264	2996	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	803	0.27	ng/ul	-0.01
14) Fluoranthene-d10	19.14	212	1944	0.00	ng/ul	0.00

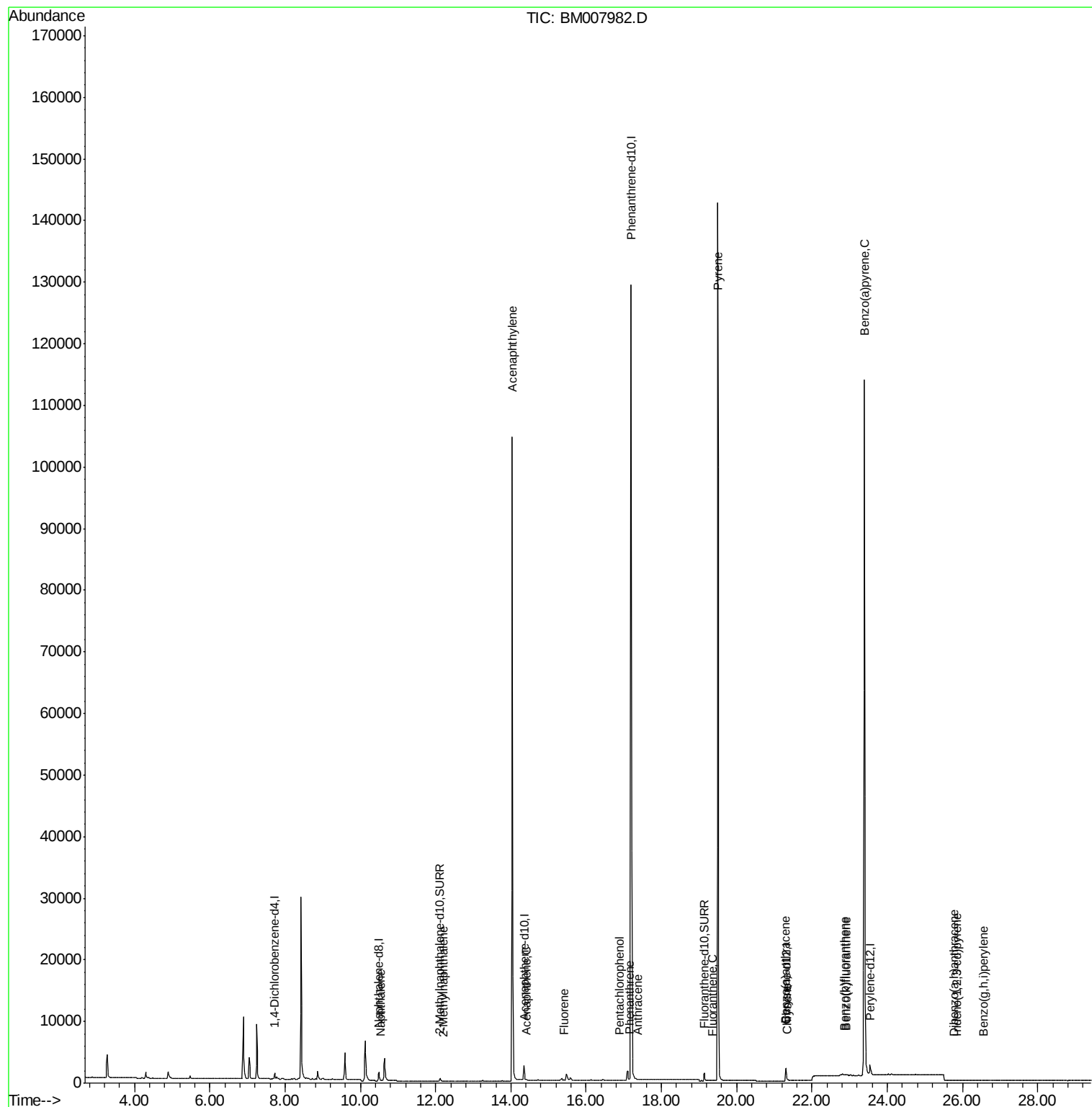
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.55	128	236	0.04	ng/ul#	18
5) 2-Methylnaphthalene	12.19	142	32	0.01	ng/ul	90
7) Acenaphthylene	14.04	152	38	0.01	ng/ul#	1
8) Acenaphthene	14.42	153	34	0.01	ng/ul#	72
9) Fluorene	15.41	166	29	0.01	ng/ul#	69
11) Pentachlorophenol	16.88	266	4	0.00	ng/ul#	20
12) Phenanthrene	17.14	178	198	0.00	ng/ul#	37
13) Anthracene	17.38	178	4	0.00	ng/ul#	1
15) Fluoranthene	19.35	202	4	0.00	ng/ul#	1
17) Pyrene	19.50	202	392	0.04	ng/ul#	1
18) Benzo(a)anthracene	21.30	228	69	0.01	ng/ul#	18
19) Chrysene	21.35	228	239	0.02	ng/ul#	56
21) Benzo(b)fluoranthene	22.87	252	122	0.01	ng/ul#	1
22) Benzo(k)fluoranthene	22.91	252	108	0.01	ng/ul#	1
23) Benzo(a)pyrene	23.39	252	762	0.07	ng/ul#	32
24) Indeno(1,2,3-cd)pyrene	25.86	276	74	0.01	ng/ul#	70
25) Dibenzo(a,h)anthracene	25.79	278	5	0.00	ng/ul#	1
26) Benzo(g,h,i)perylene	26.55	276	77	0.01	ng/ul#	1

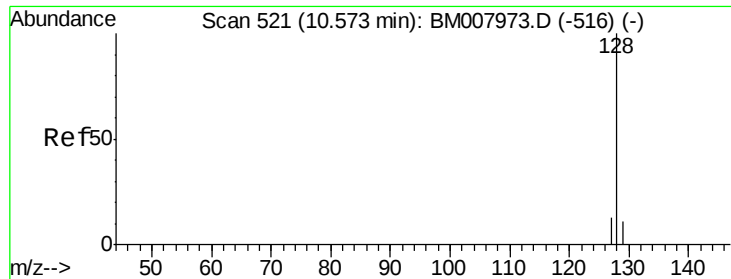
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.04 ng/ul

RT: 10.55 min Scan# 519

Delta R.T. -0.02 min

Lab File: BM007982.D

Acq: 22 Nov 2016 05:24

Instrument :

BNA_M

ClientSampleId :

JHSR8

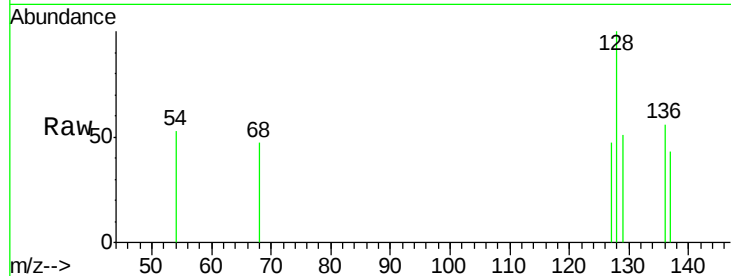
Tgt Ion:128 Resp: 236

Ion Ratio Lower Upper

128 100

129 51.3 11.3 16.9#

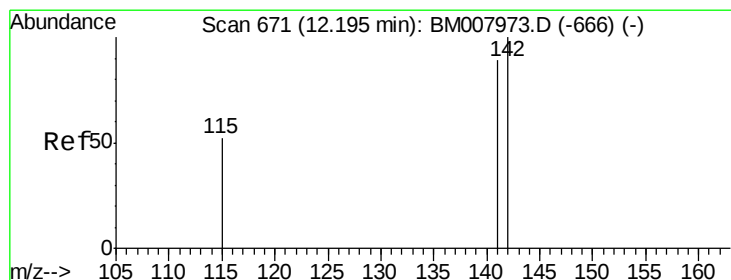
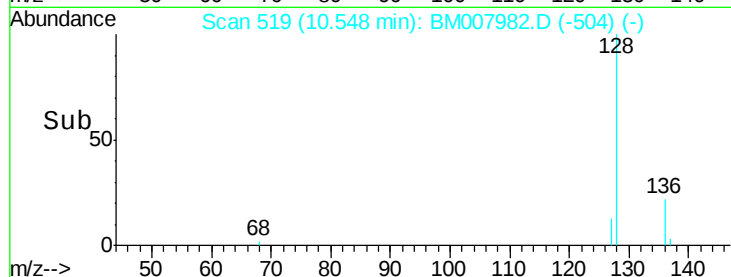
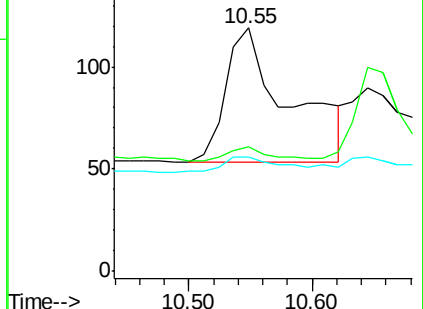
127 47.1 12.8 19.2#



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: 12.19 min Scan# 671

Delta R.T. 0.00 min

Lab File: BM007982.D

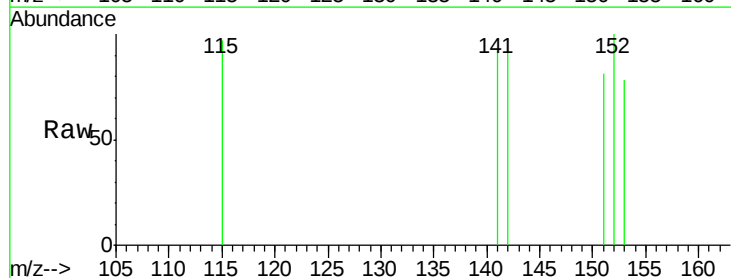
Acq: 22 Nov 2016 05:24

Tgt Ion:142 Resp: 32

Ion Ratio Lower Upper

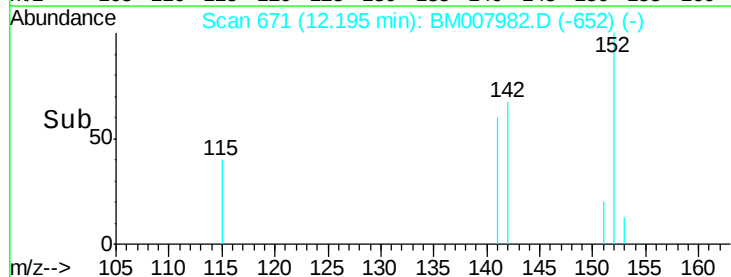
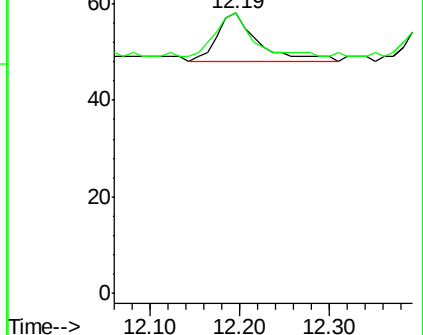
142 100

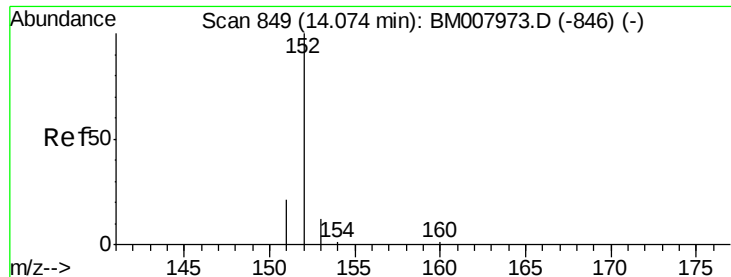
141 81.3 72.6 108.8



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: 14.04 min Scan# 847

Delta R.T. -0.03 min

Lab File: BM007982.D

Acq: 22 Nov 2016 05:24

Instrument :

BNA_M

ClientSampleId :

JHSR8

Tgt Ion:152 Resp: 38

Ion Ratio Lower Upper

152 100

151 89.3 17.1 25.7#

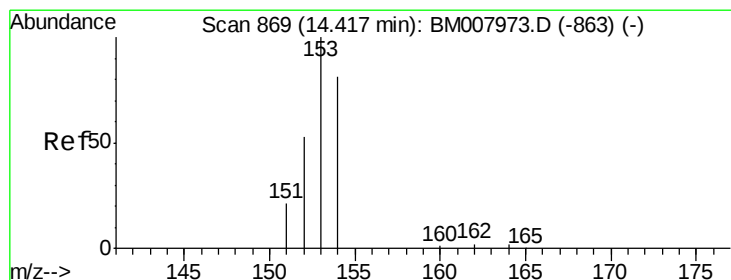
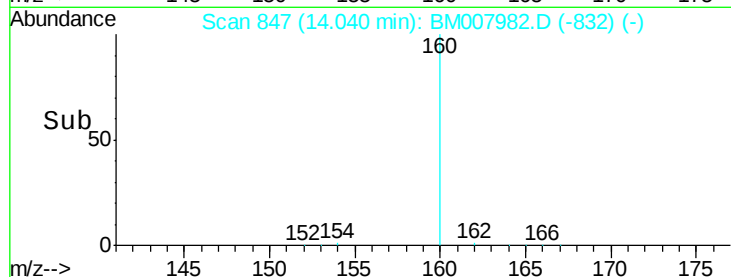
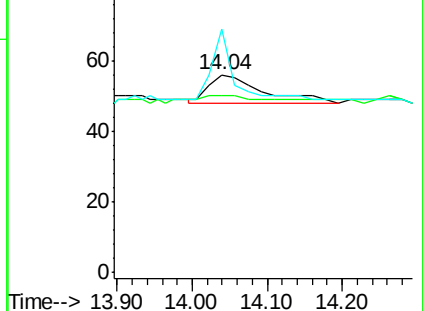
153 123.2 12.8 19.2#



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: 0.01 ng/ul

RT: 14.42 min Scan# 869

Delta R.T. 0.00 min

Lab File: BM007982.D

Acq: 22 Nov 2016 05:24

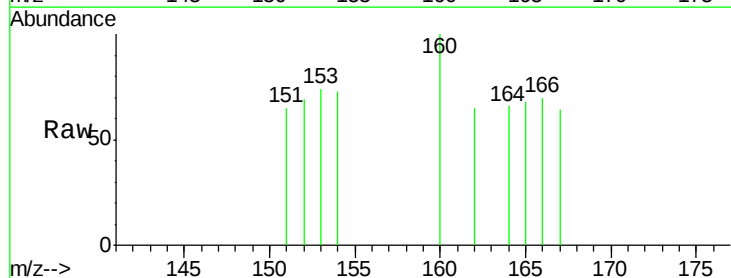
Tgt Ion:153 Resp: 34

Ion Ratio Lower Upper

153 100

152 93.0 40.3 60.5#

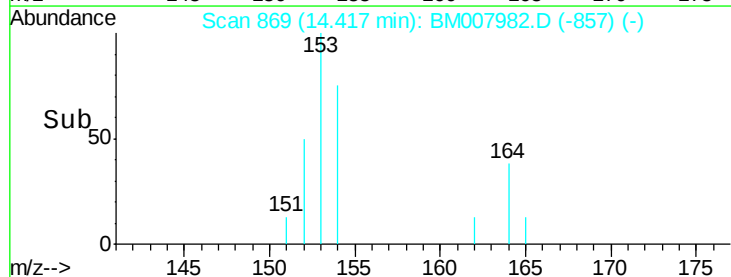
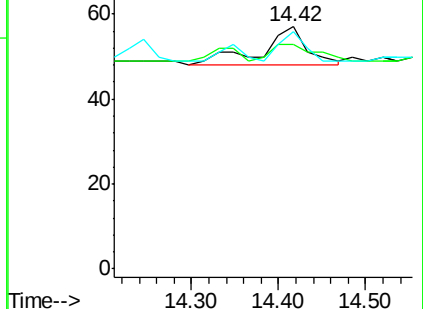
154 98.2 71.4 107.2

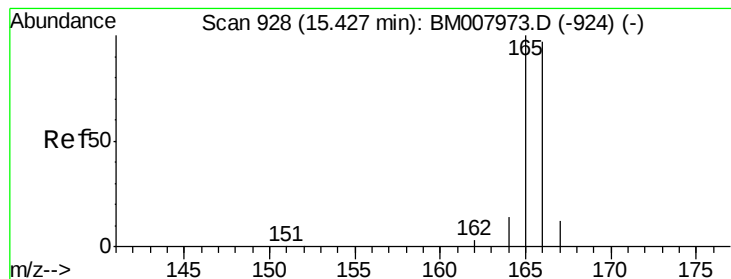


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.01 ng/ul

RT: 15.41 min Scan# 927

Delta R.T. -0.02 min

Lab File: BM007982.D

Acq: 22 Nov 2016 05:24

Instrument :

BNA_M

ClientSampleId :

JHSR8

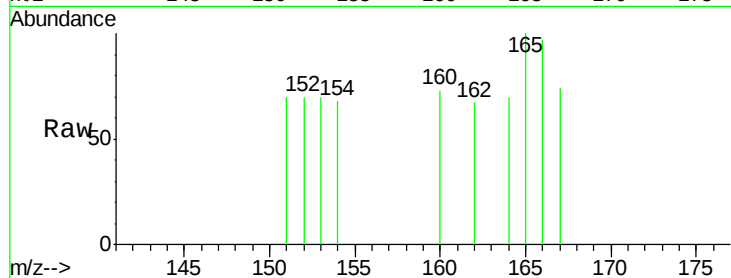
Tgt Ion:166 Resp: 29

Ion Ratio Lower Upper

166 100

165 102.8 73.4 110.2

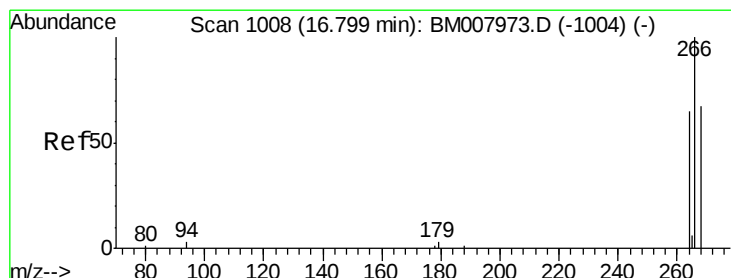
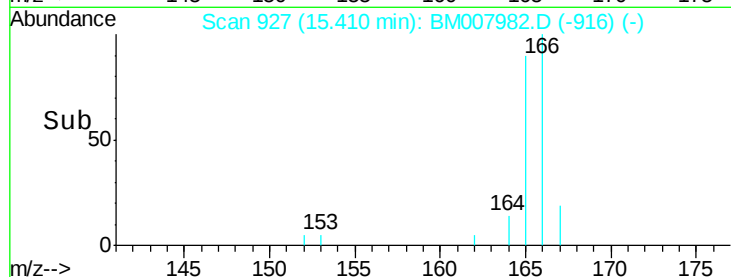
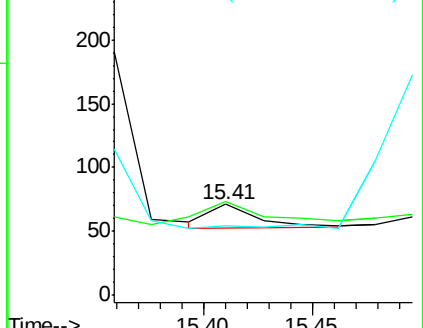
167 76.1 14.6 22.0#



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: 16.88 min Scan# 1013

Delta R.T. 0.09 min

Lab File: BM007982.D

Acq: 22 Nov 2016 05:24

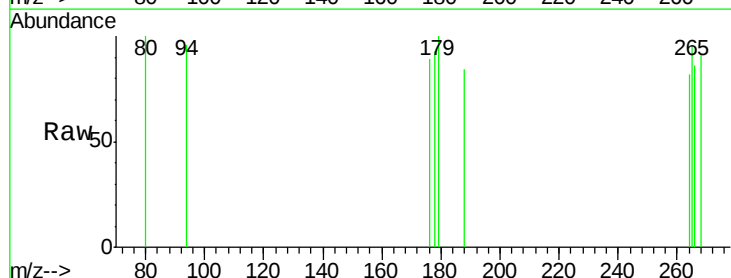
Tgt Ion:266 Resp: 4

Ion Ratio Lower Upper

266 100

264 0.0 47.9 71.9#

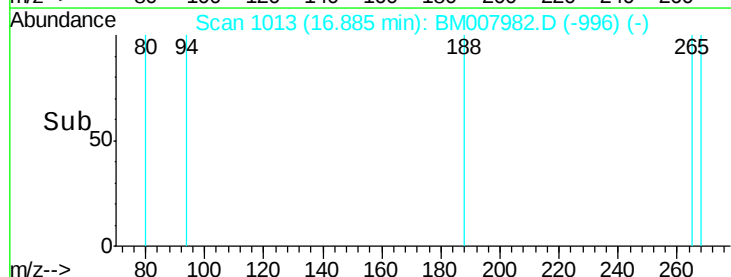
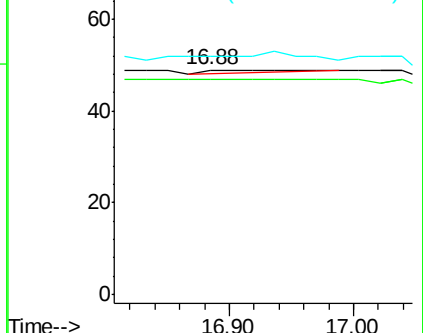
268 0.0 49.8 74.8#

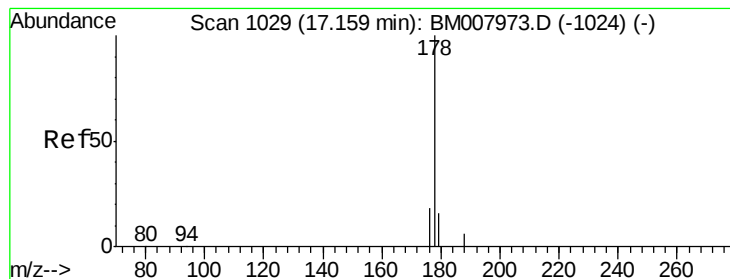


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.14 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BM007982.D

Acq: 22 Nov 2016 05:24

Instrument :

BNA_M

ClientSampleId :

JHSR8

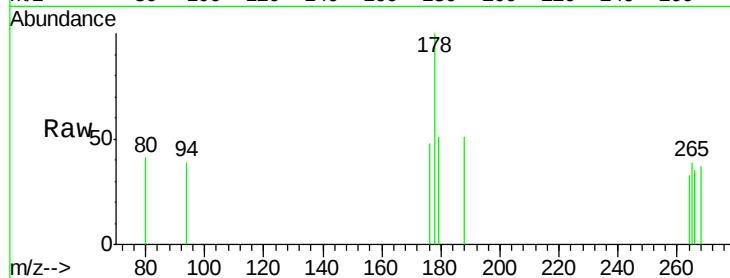
Tgt Ion:178 Resp: 198

Ion Ratio Lower Upper

178 100

176 47.9 18.4 27.6#

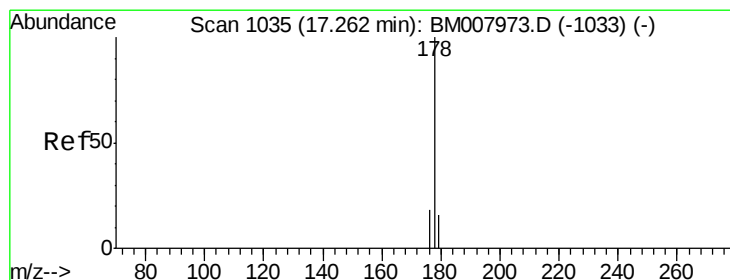
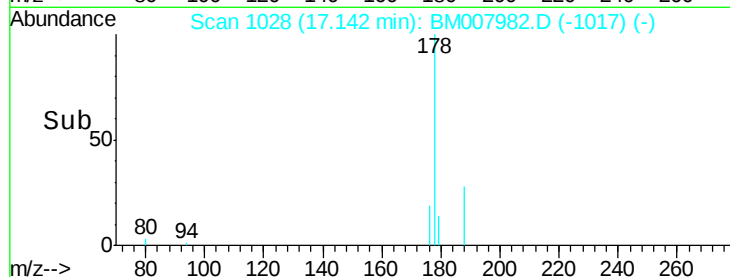
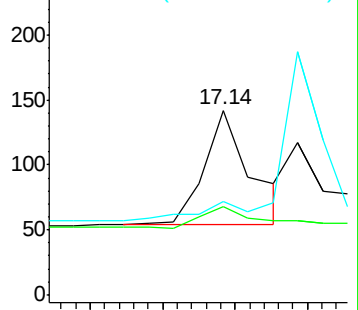
179 50.7 13.6 20.4#



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: 17.38 min Scan# 1042

Delta R.T. 0.12 min

Lab File: BM007982.D

Acq: 22 Nov 2016 05:24

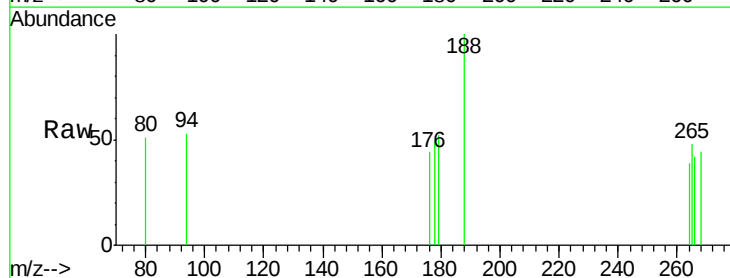
Tgt Ion:178 Resp: 4

Ion Ratio Lower Upper

178 100

176 89.8 18.1 27.1#

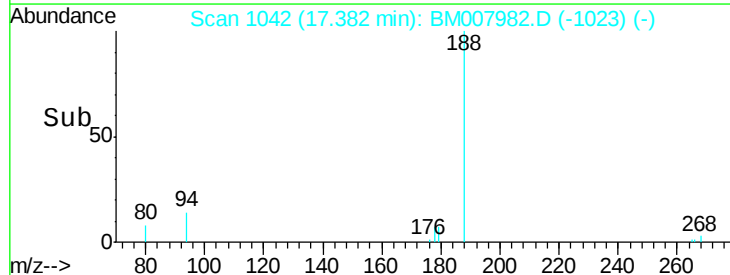
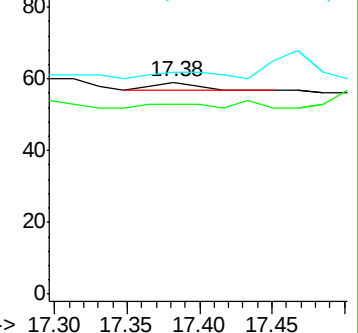
179 105.1 14.7 22.1#

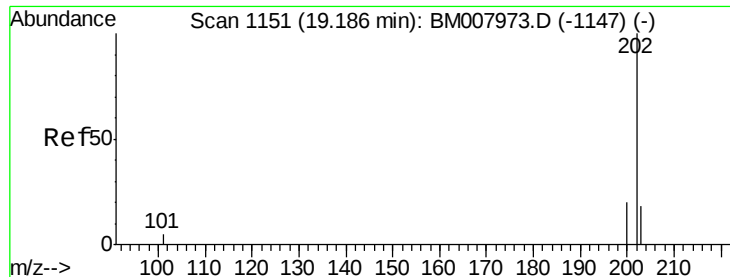


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

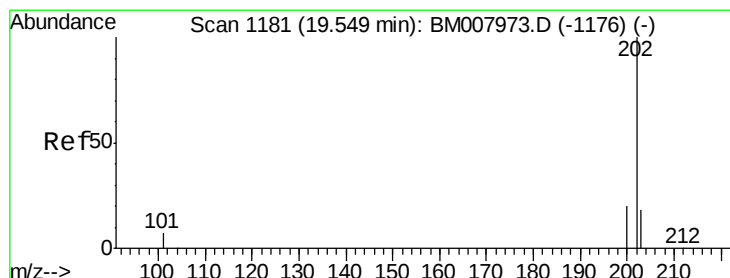
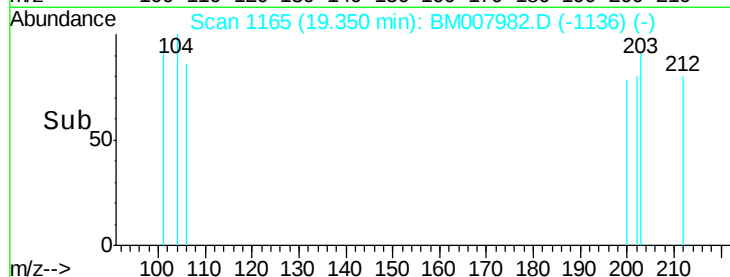
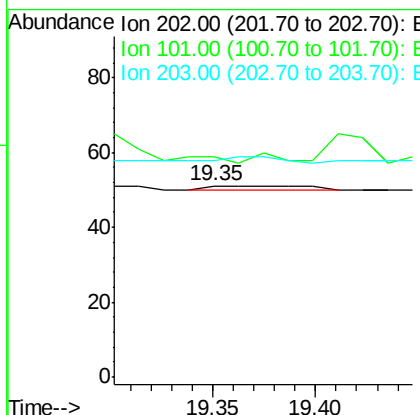
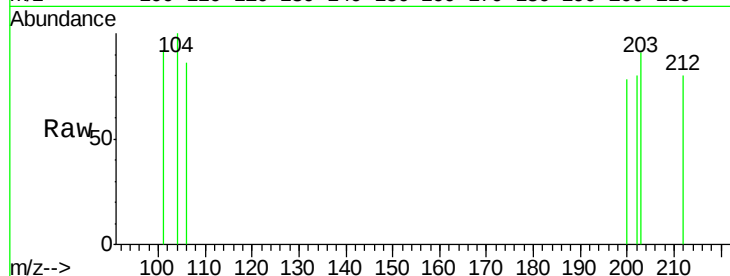




#15
Fluoranthene
Concen: 0.00 ng/ul
RT: 19.35 min Scan# 1165
Delta R.T. 0.16 min
Lab File: BM007982.D
Acq: 22 Nov 2016 05:24

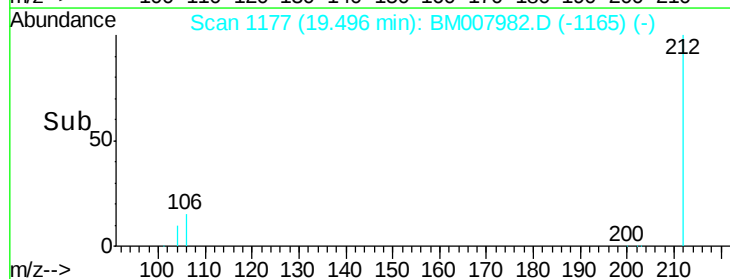
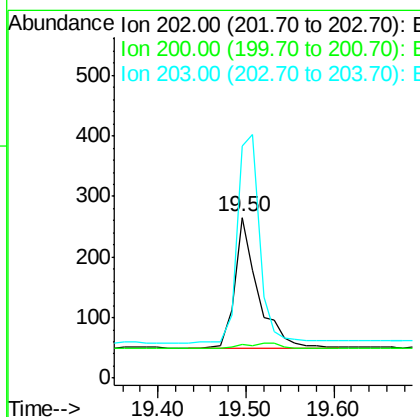
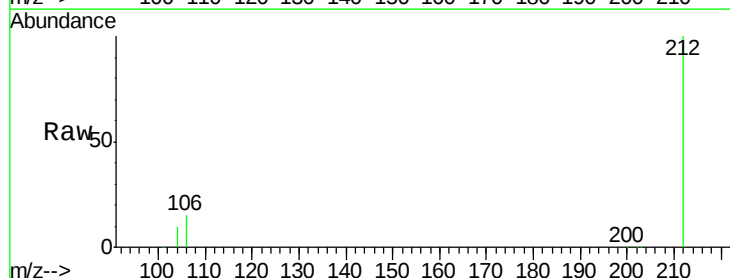
Instrument :
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ClientSampleId :
JHSR8

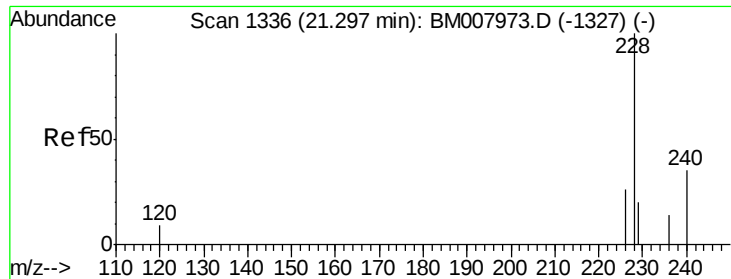
Tgt Ion: 202 Resp: 4
Ion Ratio Lower Upper
202 100
101 115.7 0.0 30.3#
203 113.7 0.0 39.5#



#17
Pyrene
Concen: 0.04 ng/ul
RT: 19.50 min Scan# 1177
Delta R.T. -0.05 min
Lab File: BM007982.D
Acq: 22 Nov 2016 05:24

Tgt Ion: 202 Resp: 392
Ion Ratio Lower Upper
202 100
200 20.7 18.2 27.4
203 144.0 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 21.30 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BM007982.D

Acq: 22 Nov 2016 05:24

Instrument :

BNA_M

ClientSampleId :

JHSR8

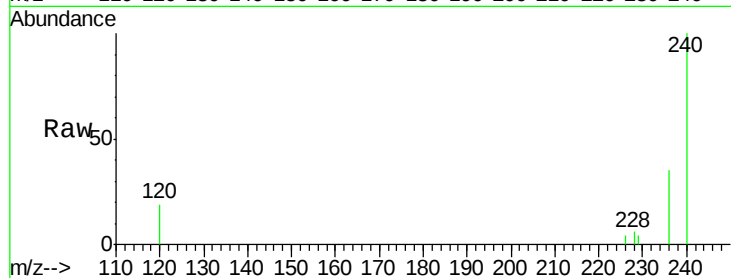
Tgt Ion:228 Resp: 69

Ion Ratio Lower Upper

228 100

226 66.3 22.8 34.2#

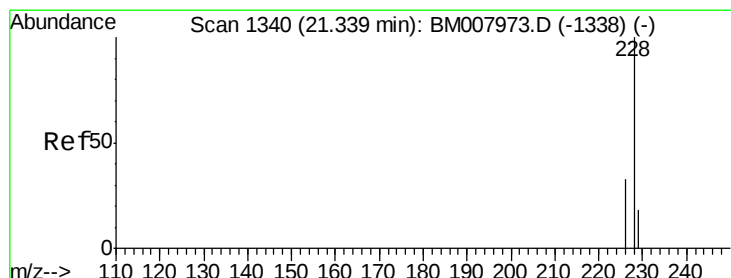
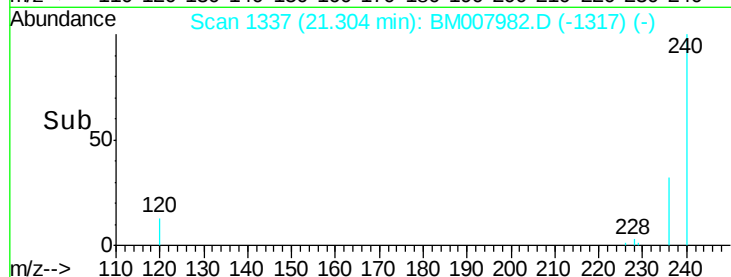
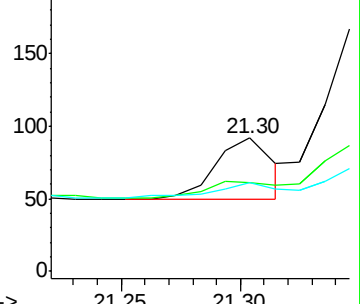
229 66.3 17.0 25.6#



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: 0.02 ng/ul

RT: 21.35 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BM007982.D

Acq: 22 Nov 2016 05:24

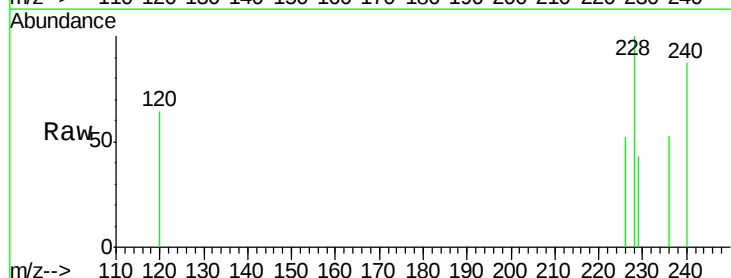
Tgt Ion:228 Resp: 239

Ion Ratio Lower Upper

228 100

226 52.4 23.4 35.0#

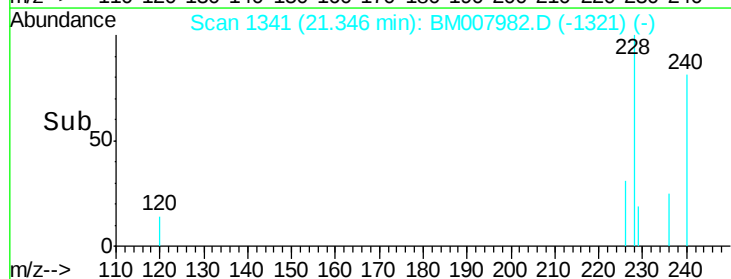
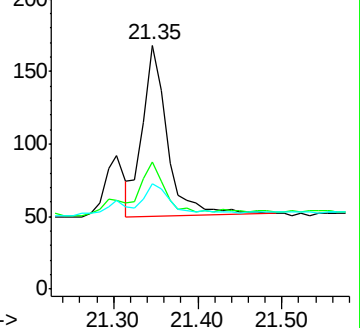
229 43.5 17.7 26.5#

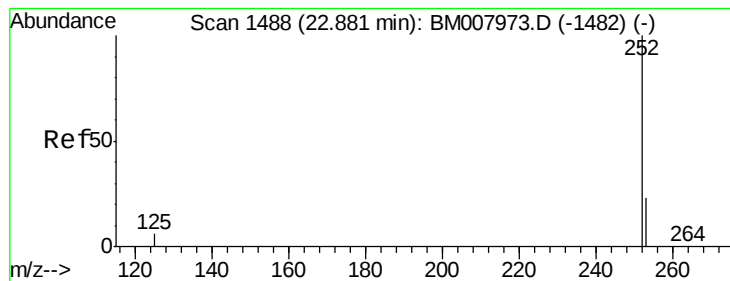


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.01 ng/ul

RT: 22.87 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BM007982.D

Acq: 22 Nov 2016 05:24

Instrument :

BNA_M

ClientSampleId :

JHSR8

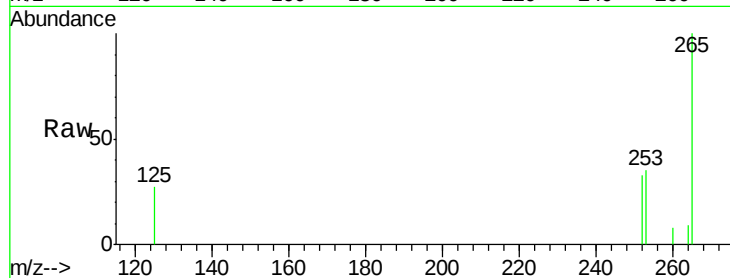
Tgt Ion:252 Resp: 122

Ion Ratio Lower Upper

252 100

253 107.5 0.0 64.2#

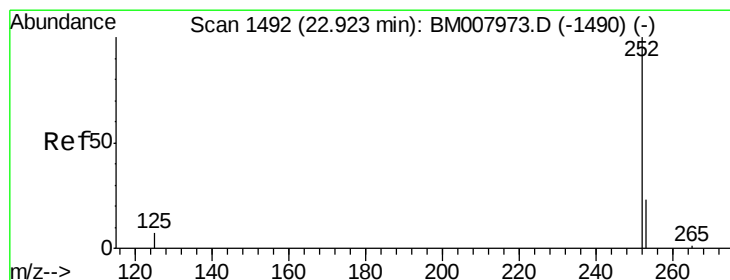
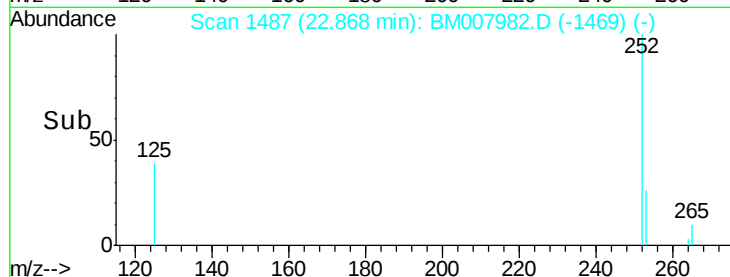
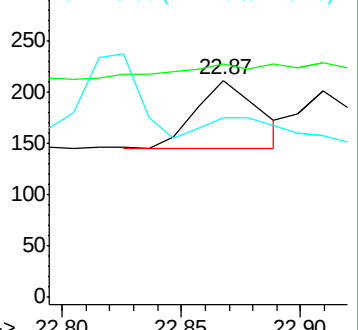
125 82.5 0.0 35.0#



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: 0.01 ng/ul

RT: 22.91 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BM007982.D

Acq: 22 Nov 2016 05:24

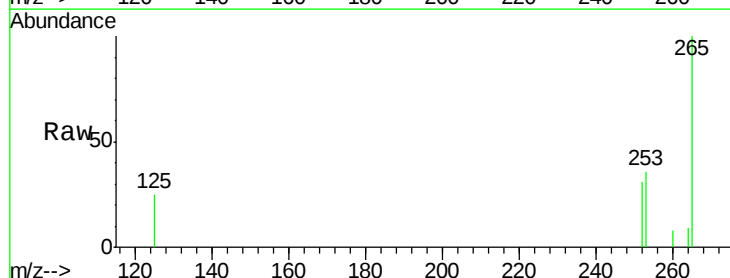
Tgt Ion:252 Resp: 108

Ion Ratio Lower Upper

252 100

253 113.4 24.5 36.7#

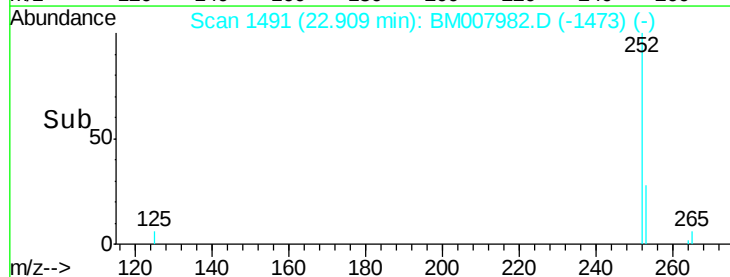
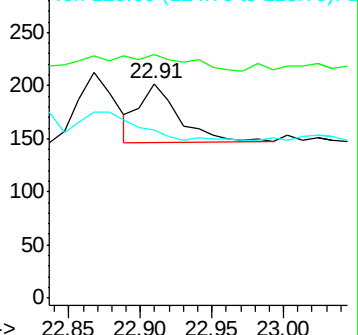
125 78.2 13.7 20.5#

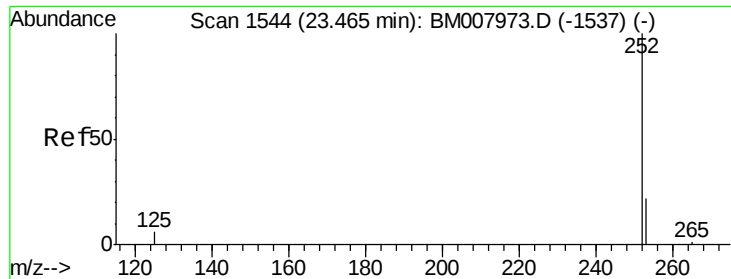


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.07 ng/ul

RT: 23.39 min Scan# 1537

Delta R.T. -0.08 min

Lab File: BM007982.D

Acq: 22 Nov 2016 05:24

Instrument :

BNA_M

ClientSampleId :

JHSR8

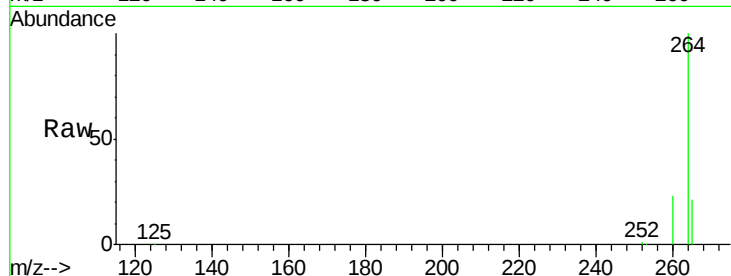
Tgt Ion: 252 Resp: 762

Ion Ratio Lower Upper

252 100

253 65.8 28.5 42.7#

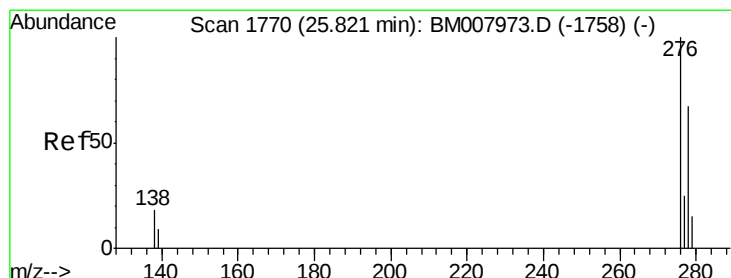
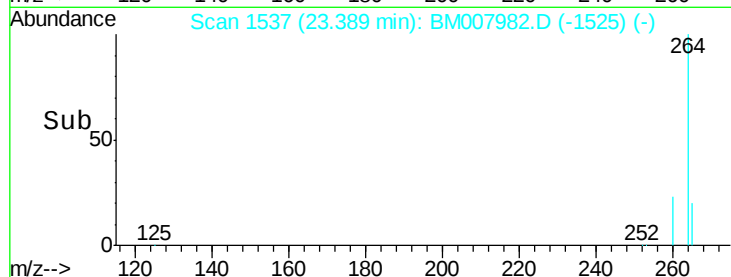
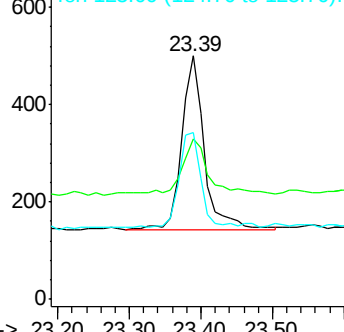
125 68.4 18.1 27.1#



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: 0.01 ng/ul

RT: 25.86 min Scan# 1774

Delta R.T. 0.04 min

Lab File: BM007982.D

Acq: 22 Nov 2016 05:24

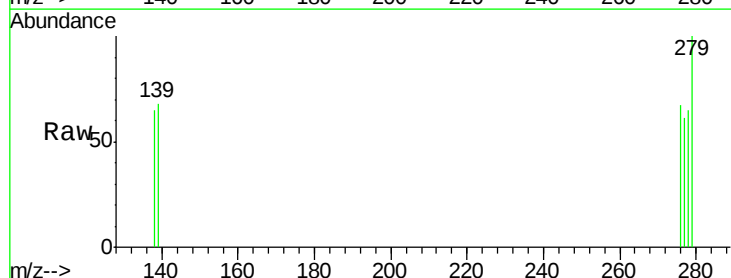
Tgt Ion: 276 Resp: 74

Ion Ratio Lower Upper

276 100

138 0.0 19.1 28.7#

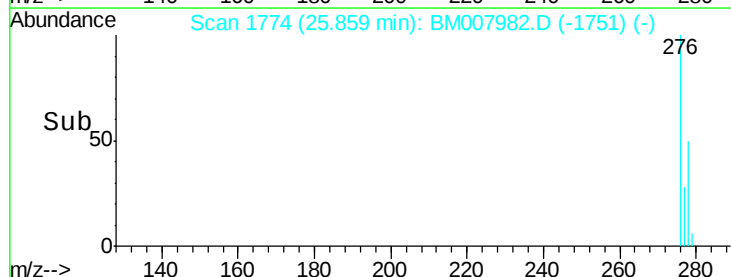
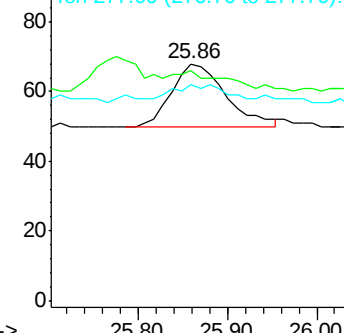
277 18.9 19.6 29.4#

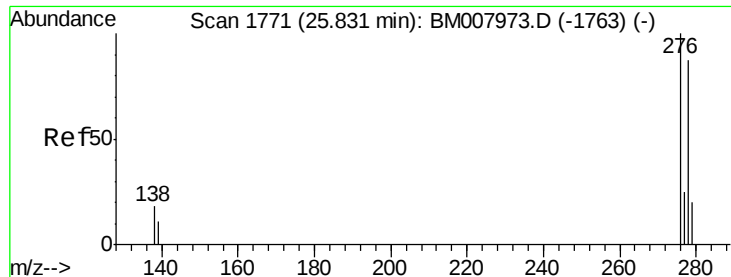


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.79 min Scan# 1767

Delta R.T. -0.05 min

Lab File: BM007982.D

Acq: 22 Nov 2016 05:24

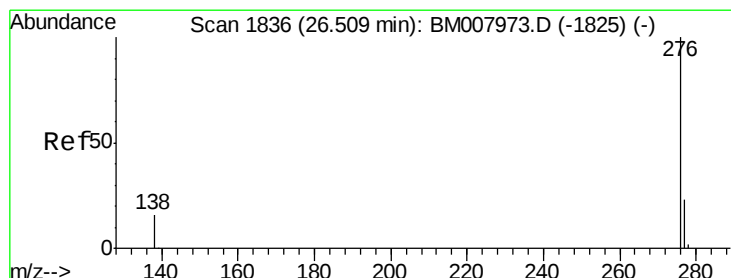
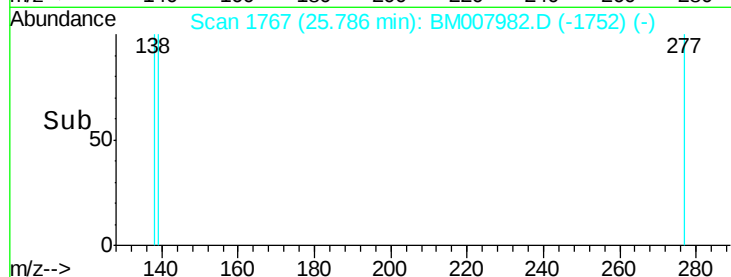
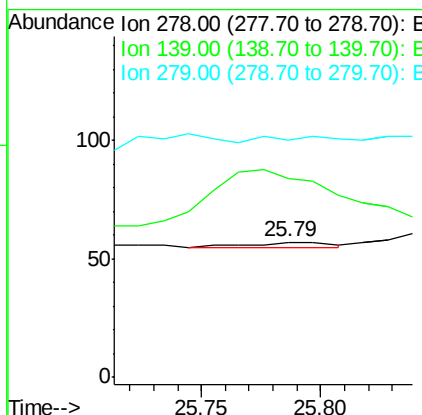
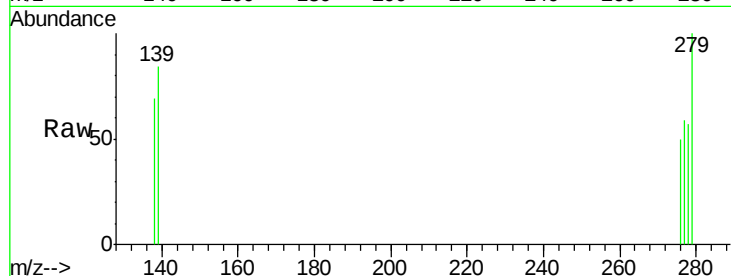
Instrument :

BNA_M

ClientSampleId :

JHSR8

Tgt Ion:	278	Resp:	5
Ion	Ratio	Lower	Upper
278	100		
139	147.4	17.4	26.0#
279	175.4	25.9	38.9#



#26

Benzo(g,h,i)perylene

Concen: 0.01 ng/ul

RT: 26.55 min Scan# 1840

Delta R.T. 0.04 min

Lab File: BM007982.D

Acq: 22 Nov 2016 05:24

Tgt Ion:	276	Resp:	77
Ion	Ratio	Lower	Upper
276	100		
277	89.7	21.8	32.8#
138	98.5	20.5	30.7#

