

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112316\
 Data File : BM008035.D
 Acq On : 23 Nov 2016 15:52
 Operator : UM/SJ
 Sample : H5695-16
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSY9

Quant Time: Nov 24 02:58:29 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 02:56:32 2016
 Response via : Initial Calibration

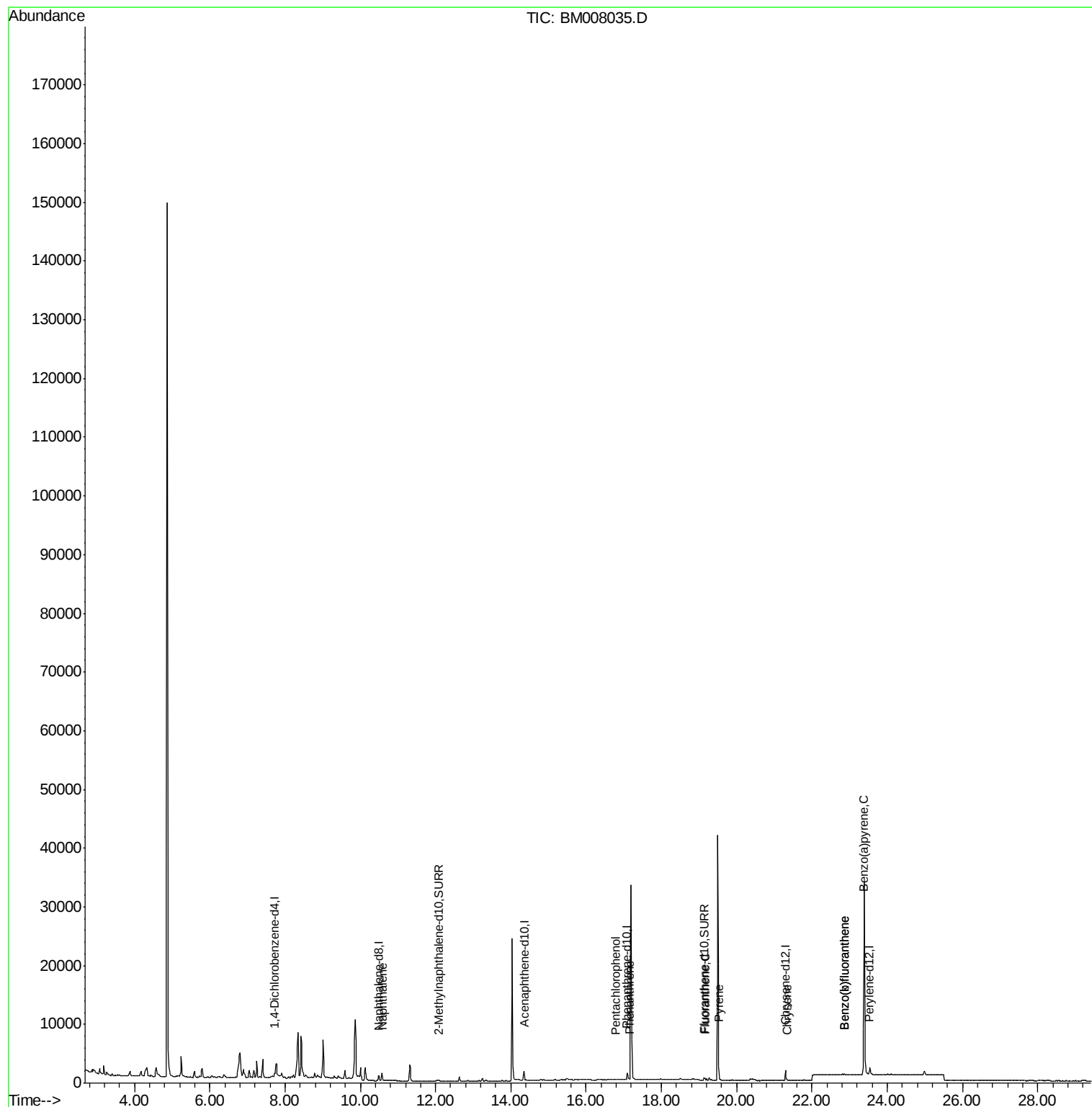
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	416	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.49	136	1402	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.35	164	872	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	1734	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	1968	0.40	ng/ul	-0.01
20) Perylene-d12	23.53	264	2101	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.09	152	268	0.14	ng/ul	-0.02
14) Fluoranthene-d10	19.13	212	580	0.12	ng/ul	-0.01
Target Compounds						
					Qvalue	
3) Naphthalene	10.58	128	169	0.04	ng/ul#	13
11) Pentachlorophenol	16.78	266	14	0.02	ng/ul#	59
12) Phenanthrene	17.14	178	272	0.05	ng/ul#	52
15) Fluoranthene	19.17	202	488	0.07	ng/ul#	46
17) Pyrene	19.52	202	365	0.05	ng/ul#	49
19) Chrysene	21.34	228	166	0.02	ng/ul#	37
21) Benzo(b)fluoranthene	22.87	252	235	0.03	ng/ul#	1
22) Benzo(k)fluoranthene	22.87	252	235	0.03	ng/ul#	1
23) Benzo(a)pyrene	23.38	252	286	0.04	ng/ul#	1

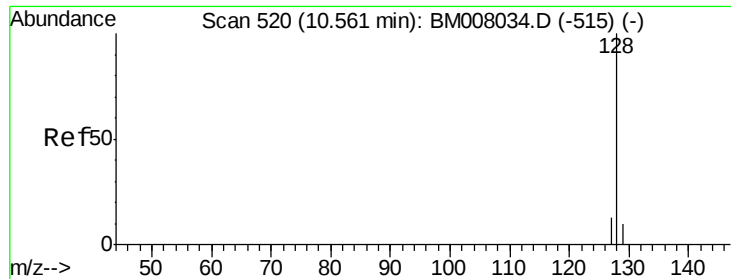
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.04 ng/ul

RT: 10.58 min Scan# 522

Delta R.T. 0.02 min

Lab File: BM008035.D

Acq: 23 Nov 2016 15:52

Instrument :

BNA_M

ClientSampleId :

JHSY9

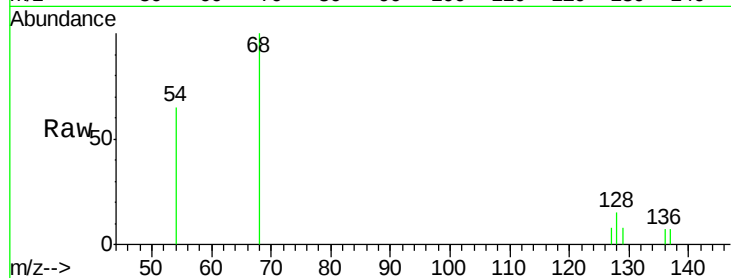
Tgt Ion:128 Resp: 169

Ion Ratio Lower Upper

128 100

129 52.7 11.3 16.9#

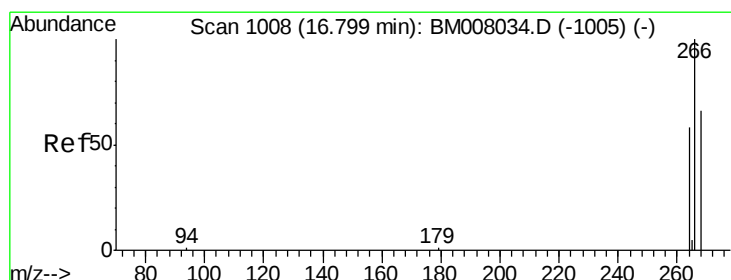
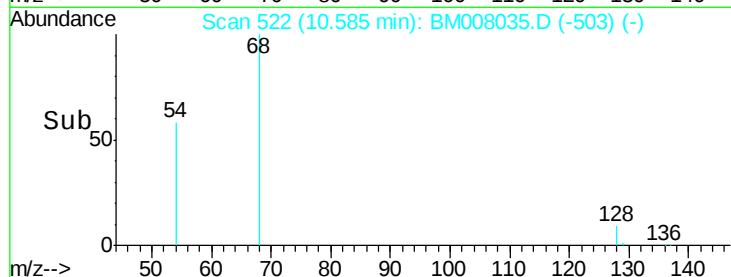
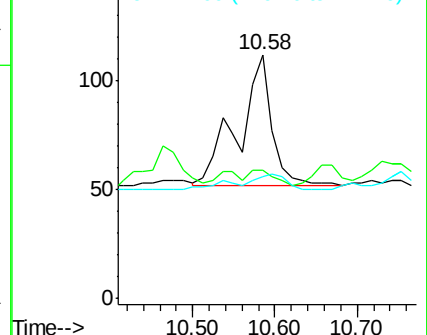
127 50.0 12.8 19.2#



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



#11

Pentachlorophenol

Concen: 0.02 ng/ul

RT: 16.78 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BM008035.D

Acq: 23 Nov 2016 15:52

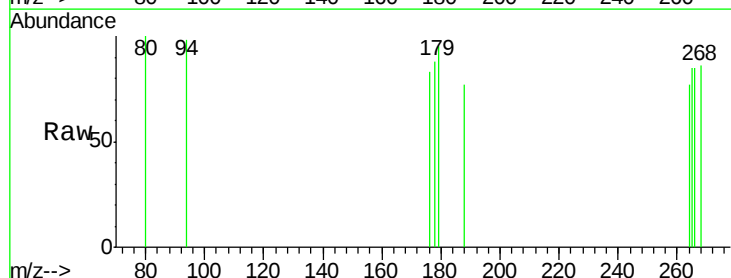
Tgt Ion:266 Resp: 14

Ion Ratio Lower Upper

266 100

264 35.7 47.9 71.9#

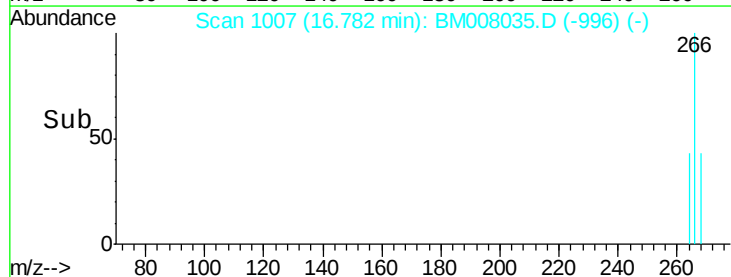
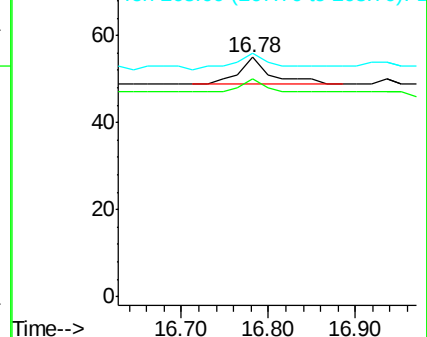
268 100.0 49.8 74.8#

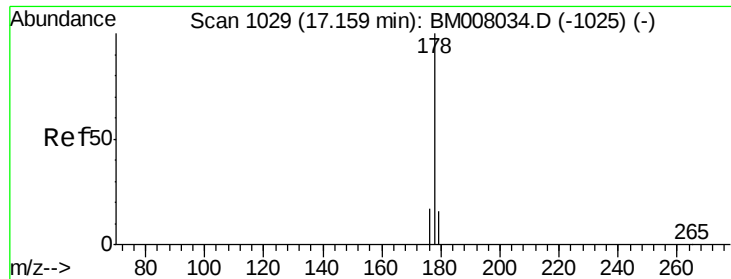


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.05 ng/ul

RT: 17.14 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BM008035.D

Acq: 23 Nov 2016 15:52

Instrument :

BNA_M

ClientSampleId :

JHSY9

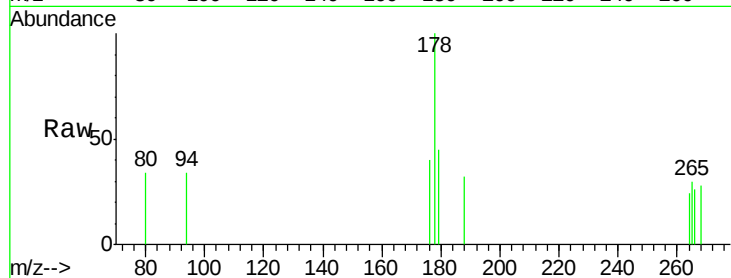
Tgt Ion:178 Resp: 272

Ion Ratio Lower Upper

178 100

176 40.1 18.4 27.6#

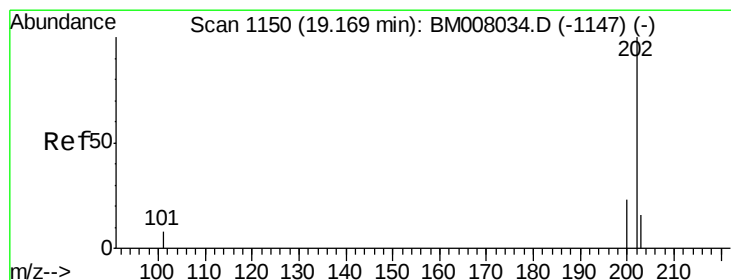
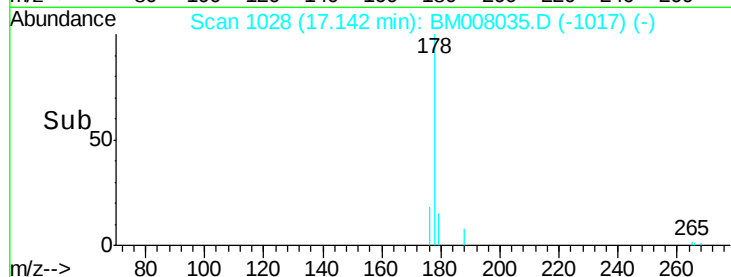
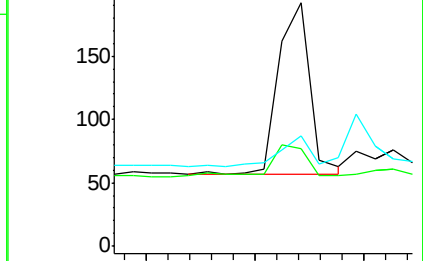
179 45.3 13.6 20.4#



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



#15

Fluoranthene

Concen: 0.07 ng/ul

RT: 19.17 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BM008035.D

Acq: 23 Nov 2016 15:52

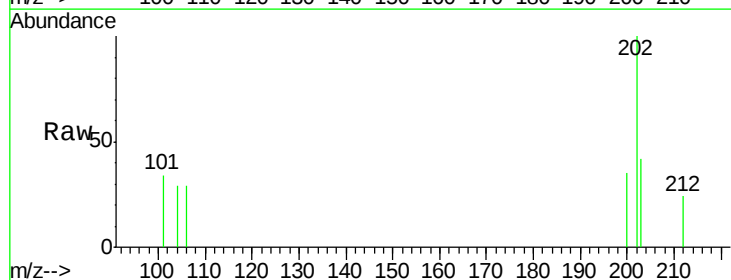
Tgt Ion:202 Resp: 488

Ion Ratio Lower Upper

202 100

101 34.2 0.0 30.3#

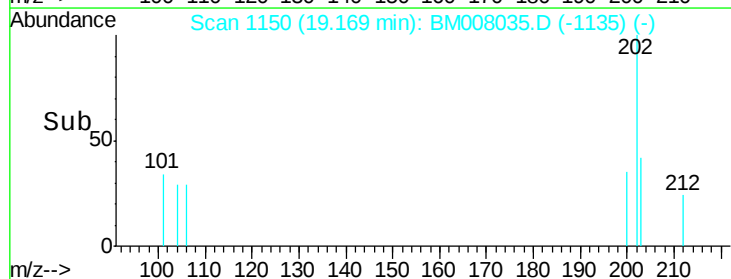
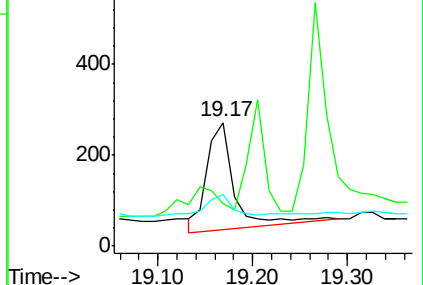
203 41.5 0.0 39.5#

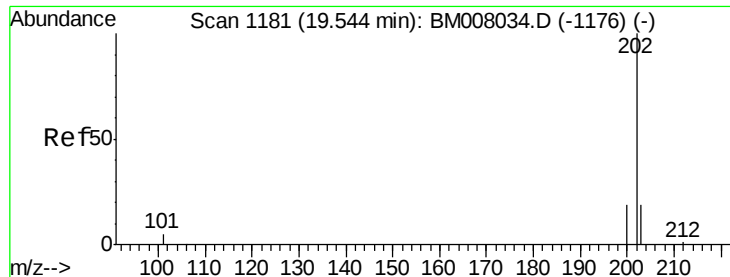


Abundance Ion 202.00 (201.70 to 202.70): E

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: 19.52 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BM008035.D

Acq: 23 Nov 2016 15:52

Instrument :

BNA_M

ClientSampleId :

JHSY9

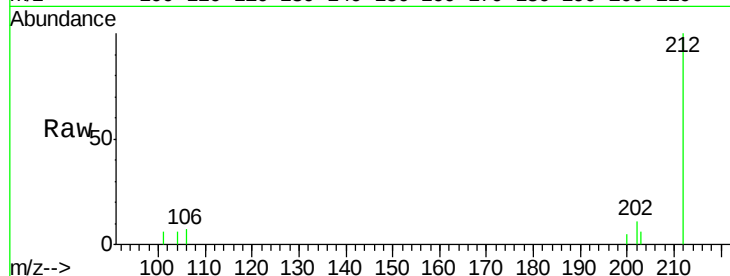
Tgt Ion:202 Resp: 365

Ion Ratio Lower Upper

202 100

200 41.9 18.2 27.4#

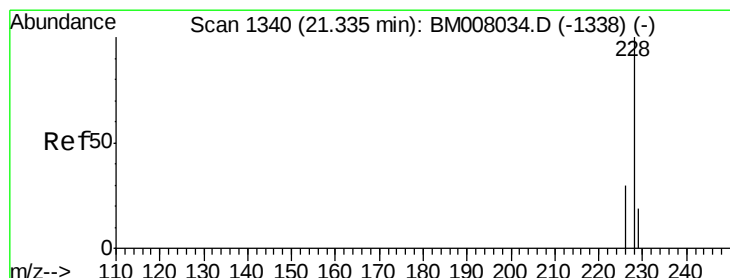
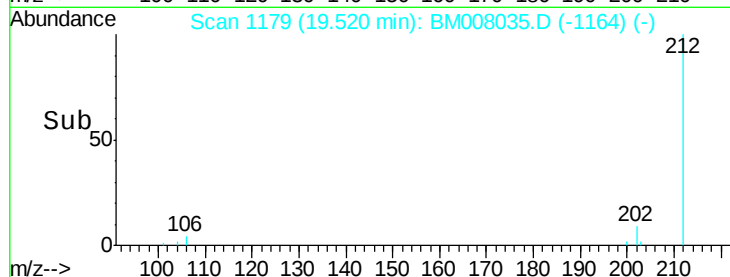
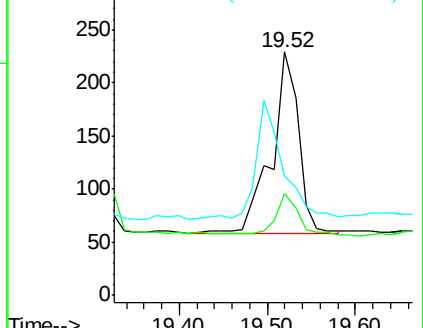
203 48.9 15.6 23.4#



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



#19

Chrysene

Concen: 0.02 ng/ul

RT: 21.34 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BM008035.D

Acq: 23 Nov 2016 15:52

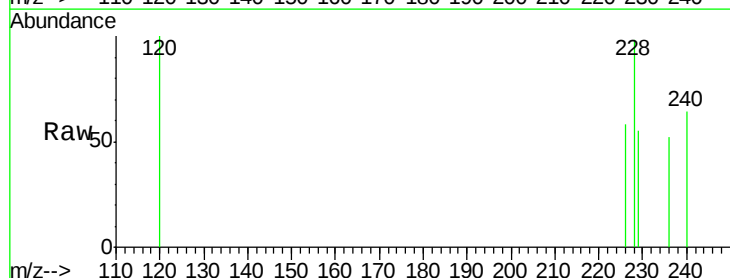
Tgt Ion:228 Resp: 166

Ion Ratio Lower Upper

228 100

226 59.5 23.4 35.0#

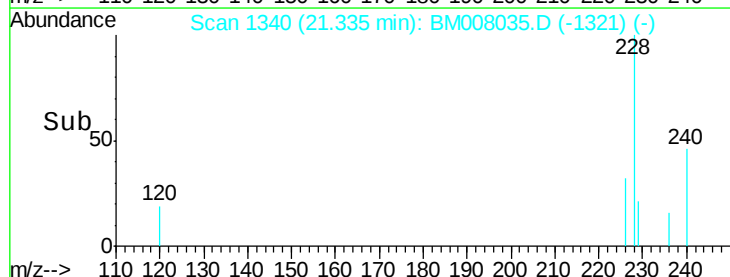
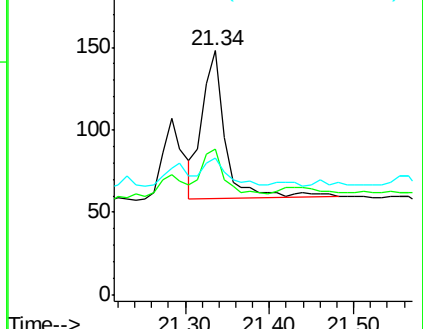
229 56.1 17.7 26.5#

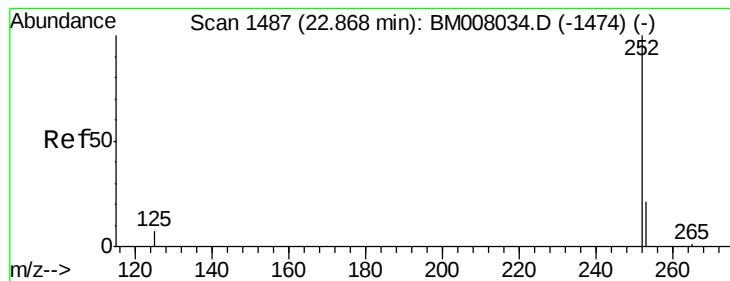


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.03 ng/ul

RT: 22.87 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BM008035.D

Acq: 23 Nov 2016 15:52

Instrument :

BNA_M

ClientSampleId :

JHSY9

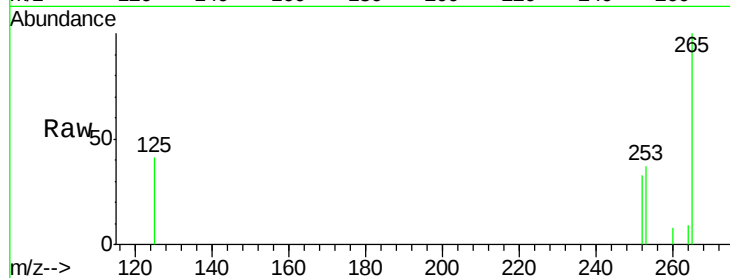
Tgt Ion:252 Resp: 235

Ion Ratio Lower Upper

252 100

253 114.0 0.0 64.2#

125 124.3 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

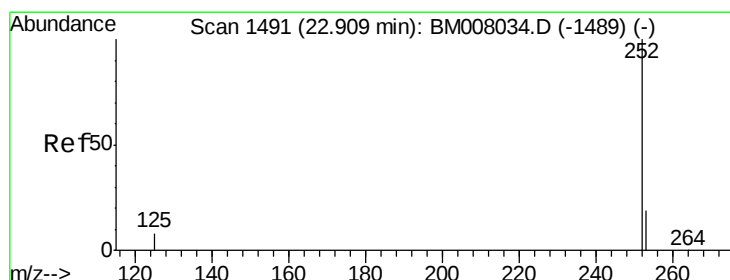
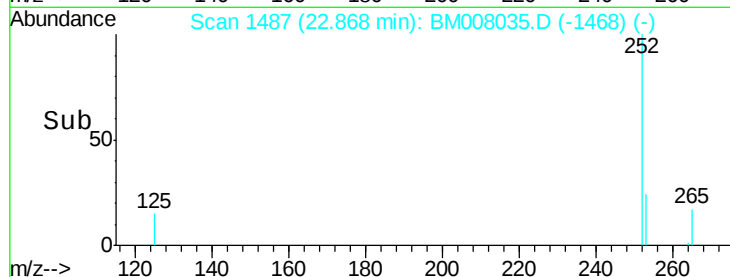
22.87

200

100

0

Time-->



#22

Benzo(k)fluoranthene

Concen: 0.03 ng/ul

RT: 22.87 min Scan# 1487

Delta R.T. -0.04 min

Lab File: BM008035.D

Acq: 23 Nov 2016 15:52

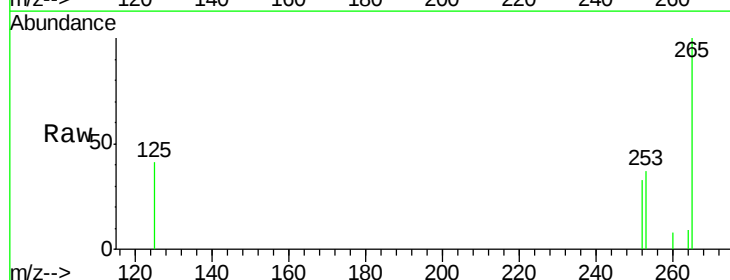
Tgt Ion:252 Resp: 235

Ion Ratio Lower Upper

252 100

253 114.0 24.5 36.7#

125 124.3 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

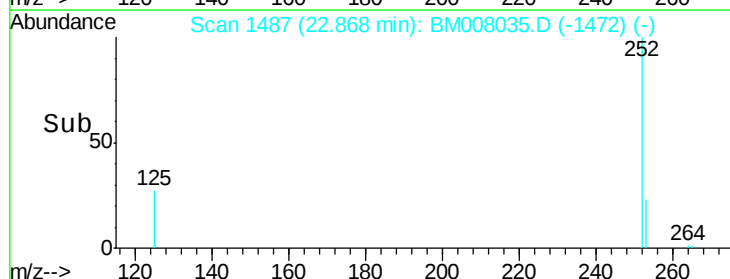
22.87

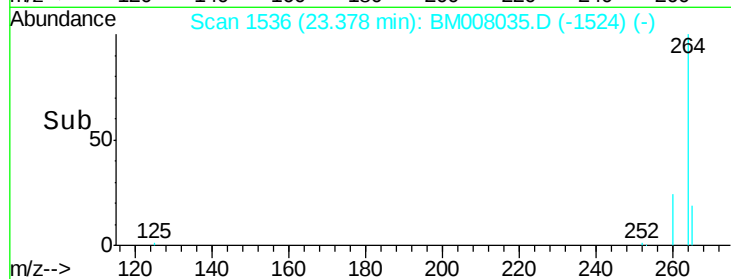
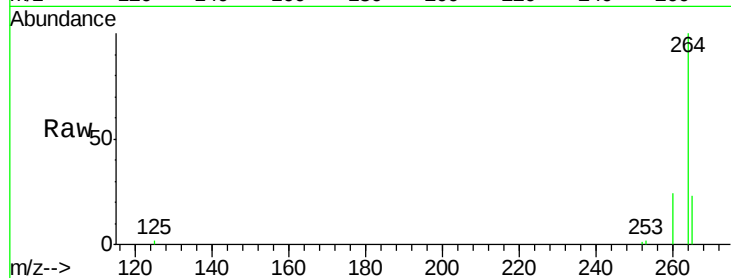
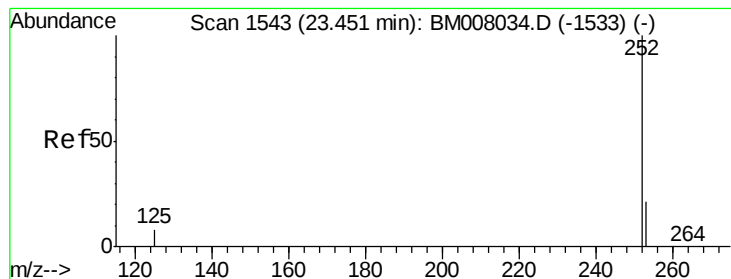
200

100

0

Time-->





#23

Benzo(a)pyrene

Concen: 0.04 ng/ul

RT: 23.38 min Scan# 1536

Delta R.T. -0.07 min

Lab File: BM008035.D

Acq: 23 Nov 2016 15:52

Instrument :

BNA_M

ClientSampleId :

JHSY9

Tgt Ion: 252 Resp: 286

Ion Ratio Lower Upper

252 100

253 108.5 28.5 42.7#

125 140.7 18.1 27.1#

