

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021615\
 Data File : BM000534.D
 Acq On : 16 Feb 2015 16:20
 Operator : TP/IZ
 Sample : G1291-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X1J26

Quant Time: Feb 16 17:07:12 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM021615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 16 14:03:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	2979	0.40	ng/ul	0.00
2) Naphthalene-d8	10.49	136	9977	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.35	164	6215	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	12399	0.40	ng/ul	0.00
16) Chrysene-d12	21.29	240	10906	0.40	ng/ul	0.00
20) Perylene-d12	23.52	264	9100	0.40	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.09	152	4452	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	9959	0.36	ng/ul	0.00

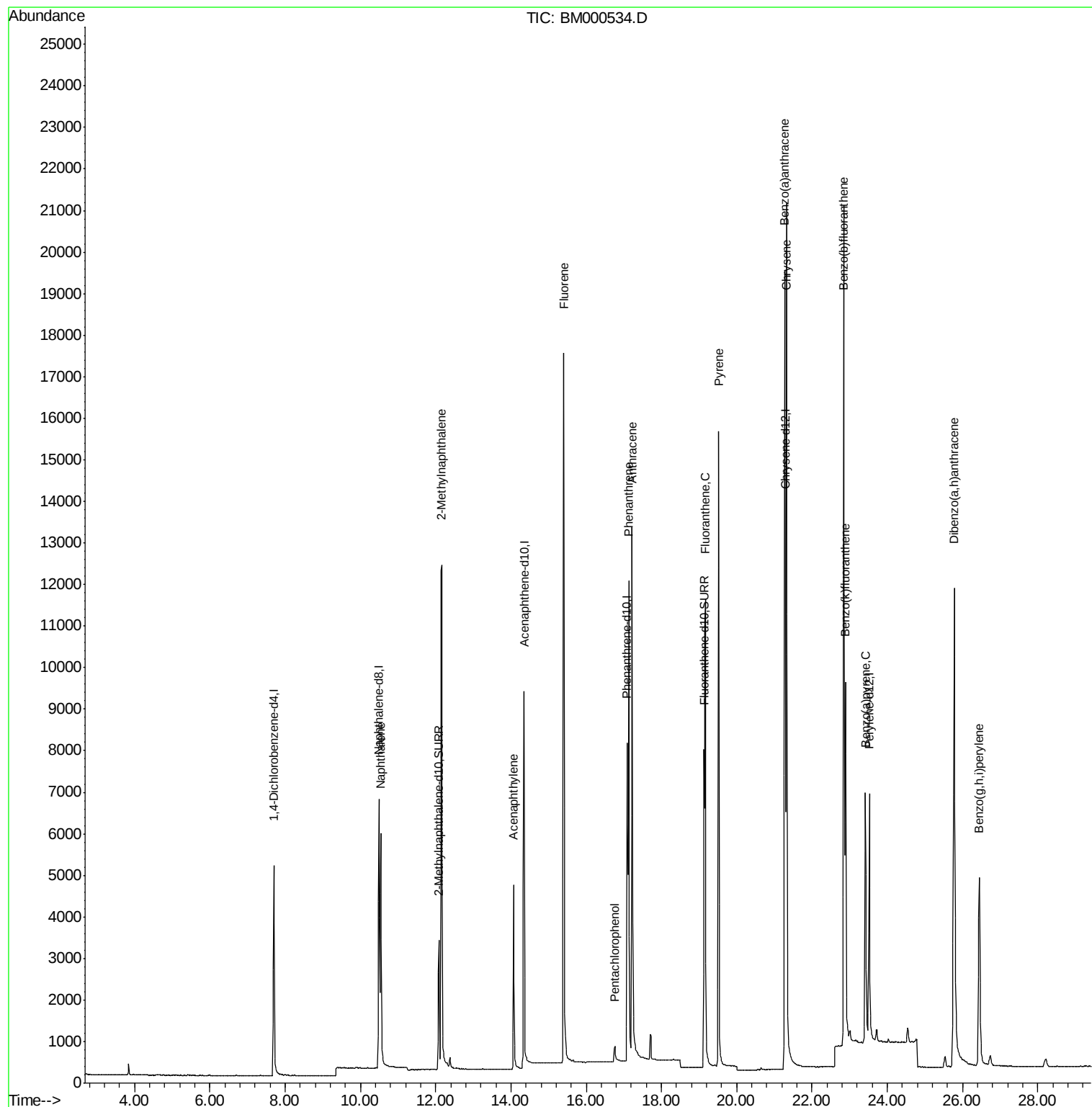
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.54	128	8912	0.33	ng/ul	99
5) 2-Methylnaphthalene	12.16	142	10813	0.61	ng/ul	99
7) Acenaphthylene	14.07	152	6088	0.25	ng/ul	98
9) Fluorene	15.40	166	12639	0.56	ng/ul	99
11) Pentachlorophenol	16.76	266	575	0.45	ng/ul	96
12) Phenanthrene	17.13	178	12870	0.33	ng/ul	99
13) Anthracene	17.23	178	17530	0.51	ng/ul	99
15) Fluoranthene	19.16	202	13279	0.30	ng/ul	89
17) Pyrene	19.53	202	17165	0.38	ng/ul	99
18) Benzo(a)anthracene	21.27	228	16993	0.49	ng/ul	96
19) Chrysene	21.32	228	19893	0.50	ng/ul	95
21) Benzo(b)fluoranthene	22.84	252	28982	0.83	ng/ul	99
22) Benzo(k)fluoranthene	22.89	252	11193	0.31	ng/ul	98
23) Benzo(a)pyrene	23.42	252	10210	0.32	ng/ul	96
25) Dibenzo(a,h)anthracene	25.77	278	21412	0.82	ng/ul	98
26) Benzo(g,h,i)perylene	26.44	276	10607	0.35	ng/ul	98

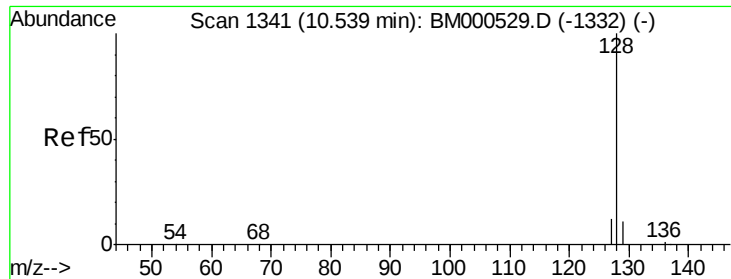
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.33 ng/ul

RT: 10.54 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BM000534.D

Acq: 16 Feb 2015 16:20

Instrument :

BNA_M

ClientSampleId :

X1J26

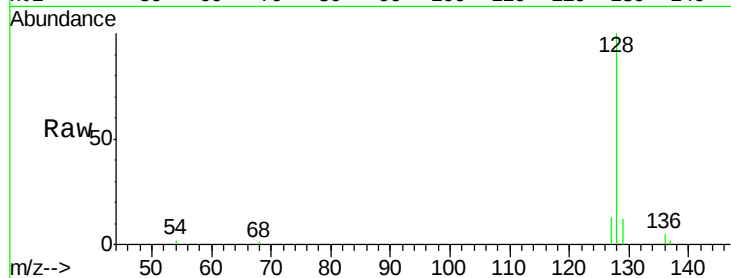
Tgt Ion:128 Resp: 8912

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

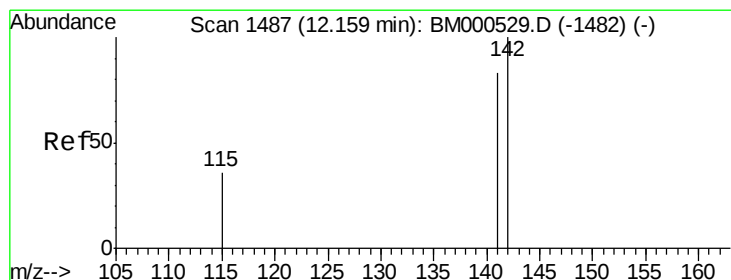
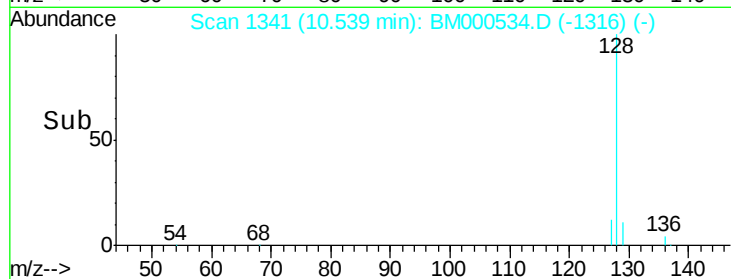
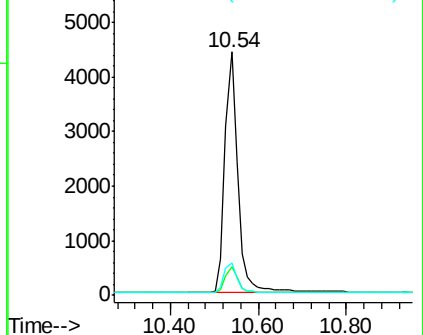
127 13.1 10.3 15.5



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: 0.61 ng/ul

RT: 12.16 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BM000534.D

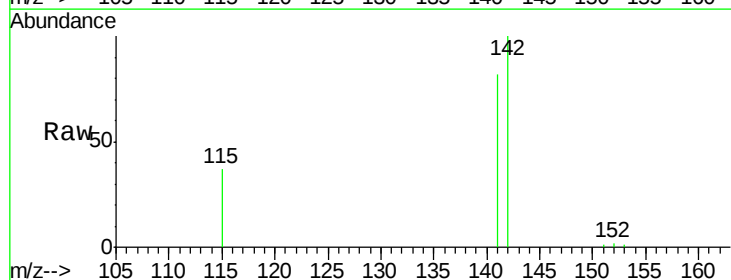
Acq: 16 Feb 2015 16:20

Tgt Ion:142 Resp: 10813

Ion Ratio Lower Upper

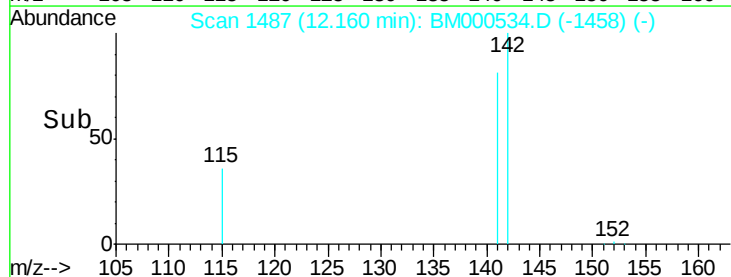
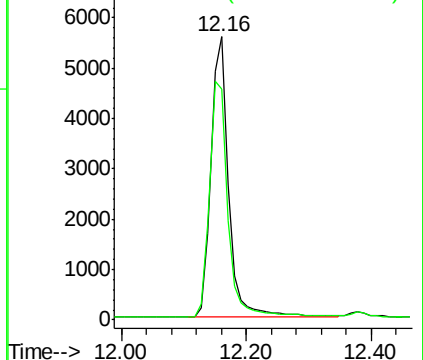
142 100

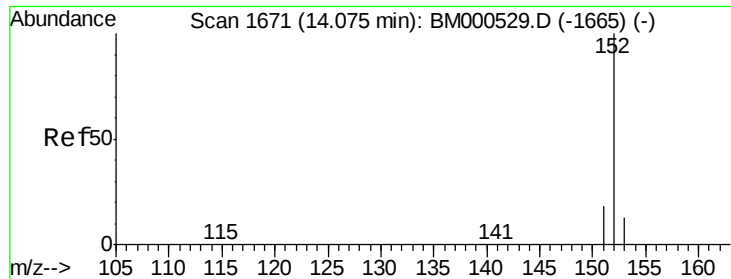
141 87.6 70.5 105.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.25 ng/ul

RT: 14.07 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BM000534.D

Acq: 16 Feb 2015 16:20

Instrument :

BNA_M

ClientSampleId :

X1J26

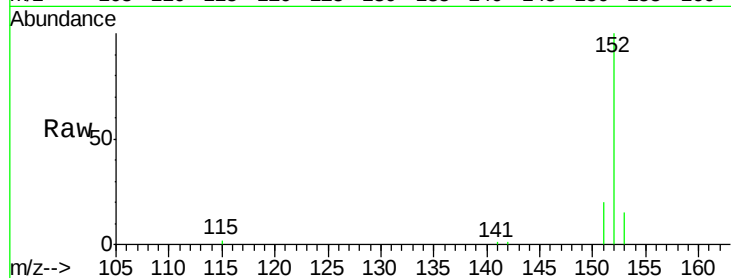
Tgt Ion:152 Resp: 6088

Ion Ratio Lower Upper

152 100

151 19.8 15.0 22.4

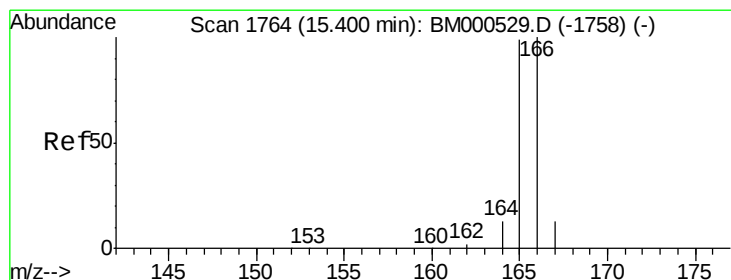
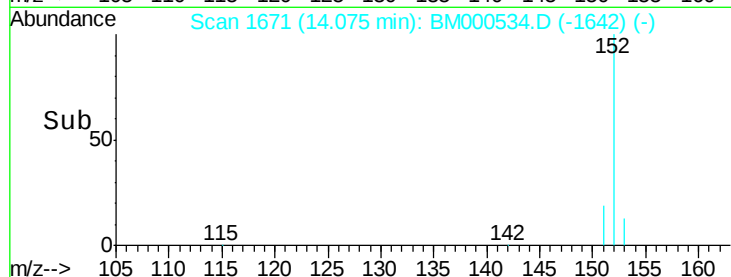
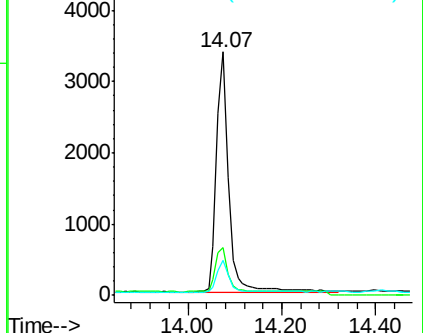
153 14.6 11.3 16.9



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



#9

Fluorene

Concen: 0.56 ng/ul

RT: 15.40 min Scan# 1764

Delta R.T. 0.00 min

Lab File: BM000534.D

Acq: 16 Feb 2015 16:20

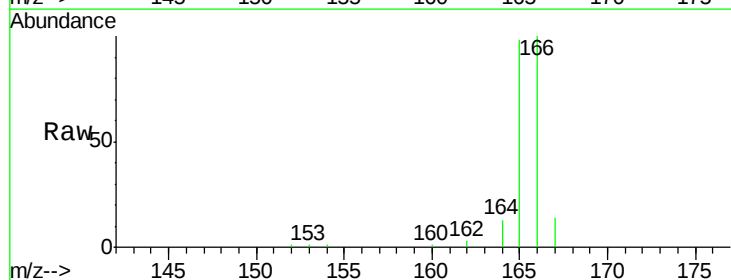
Tgt Ion:166 Resp: 12639

Ion Ratio Lower Upper

166 100

165 97.6 79.0 118.6

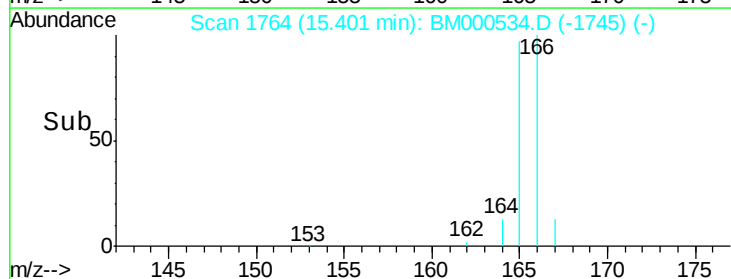
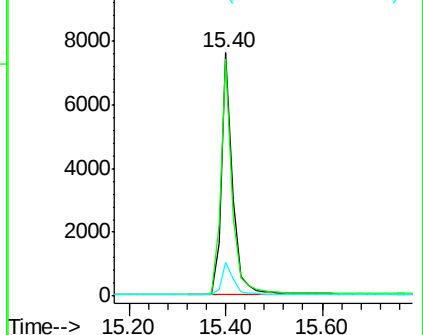
167 13.8 10.8 16.2

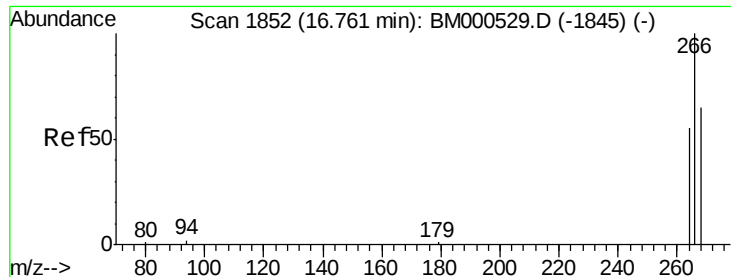


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

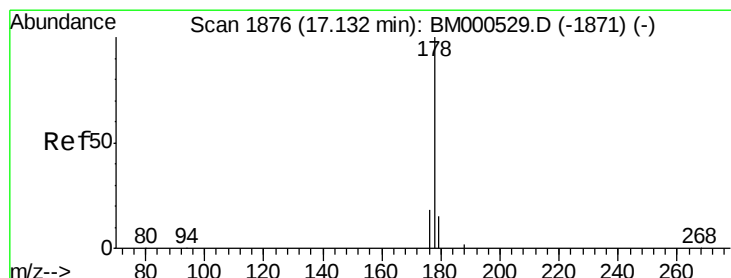
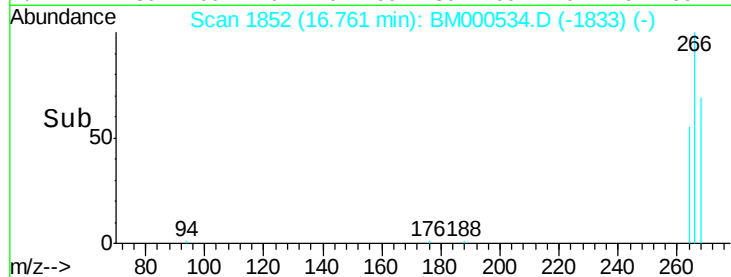
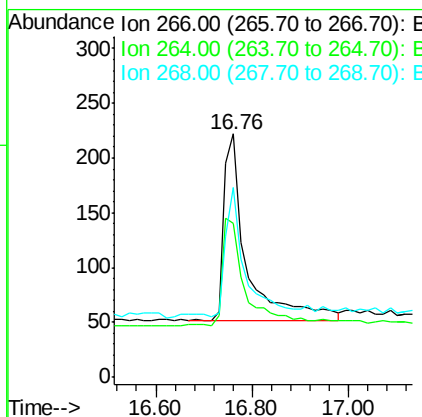
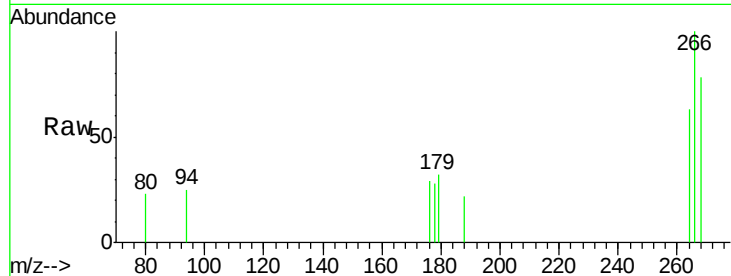




#11
 Pentachlorophenol
 Concen: 0.45 ng/ul
 RT: 16.76 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: BM000534.D
 Acq: 16 Feb 2015 16:20

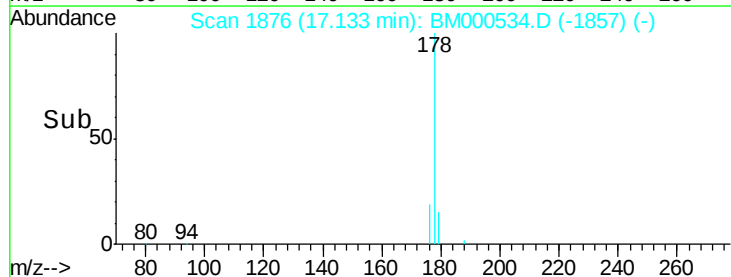
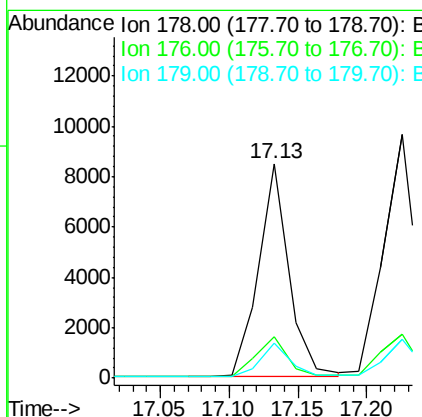
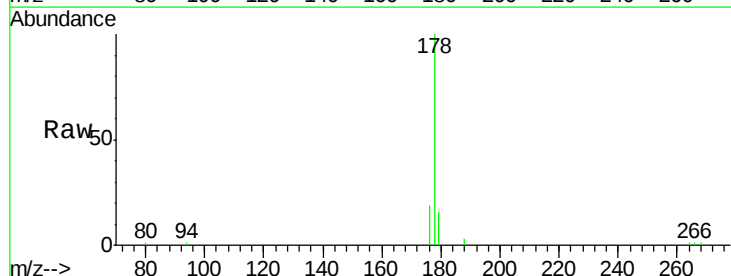
Instrument :
 BNA_M
 ClientSampleId :
 X1J26

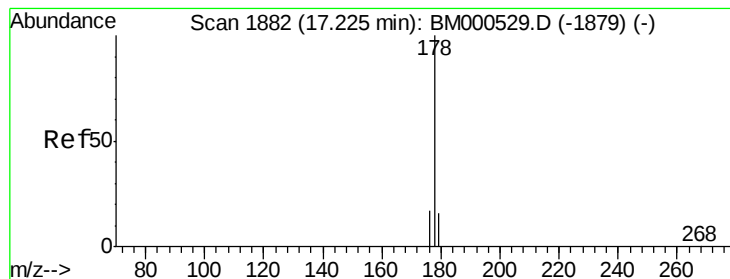
Tgt Ion: 266 Resp: 575
 Ion Ratio Lower Upper
 266 100
 264 56.9 48.8 73.2
 268 57.4 44.7 67.1



#12
 Phenanthrene
 Concen: 0.33 ng/ul
 RT: 17.13 min Scan# 1876
 Delta R.T. 0.00 min
 Lab File: BM000534.D
 Acq: 16 Feb 2015 16:20

Tgt Ion: 178 Resp: 12870
 Ion Ratio Lower Upper
 178 100
 176 19.2 14.8 22.2
 179 16.1 12.6 18.8





#13

Anthracene

Concen: 0.51 ng/ul

RT: 17.23 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BM000534.D

Acq: 16 Feb 2015 16:20

Instrument :

BNA_M

ClientSampleId :

X1J26

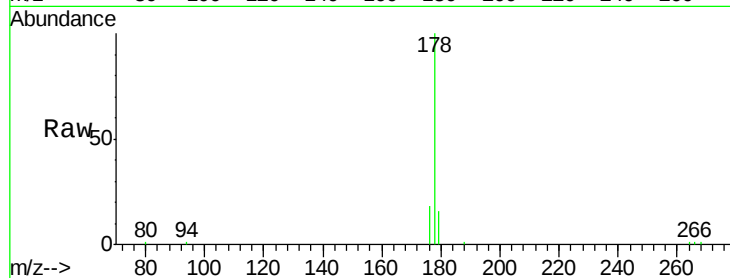
Tgt Ion:178 Resp: 17530

Ion Ratio Lower Upper

178 100

176 18.2 14.3 21.5

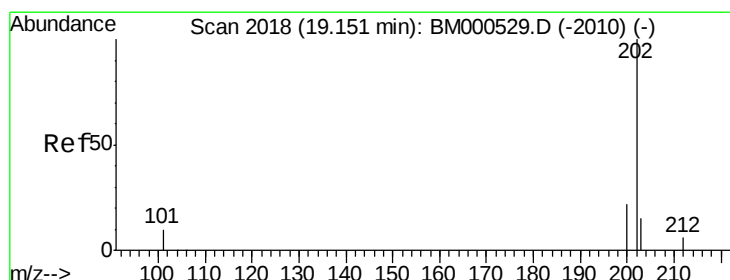
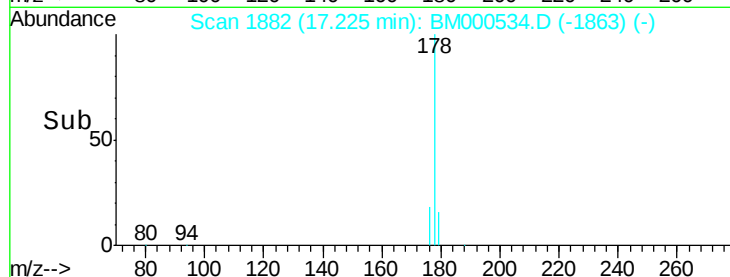
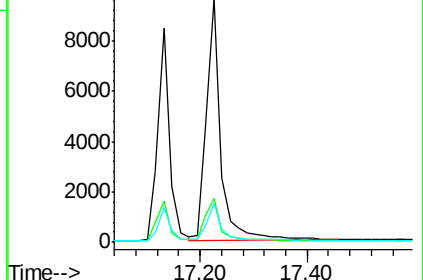
179 16.2 13.0 19.6



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: 0.30 ng/ul

RT: 19.16 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BM000534.D

Acq: 16 Feb 2015 16:20

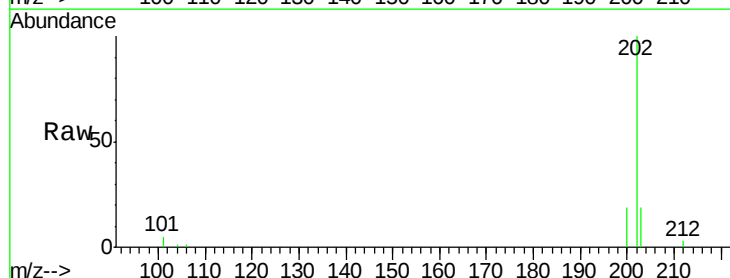
Tgt Ion:202 Resp: 13279

Ion Ratio Lower Upper

202 100

101 5.1 0.0 30.7

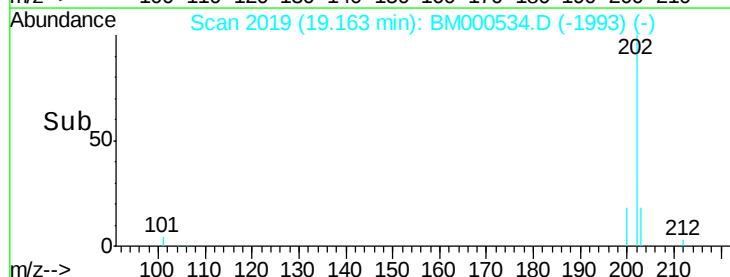
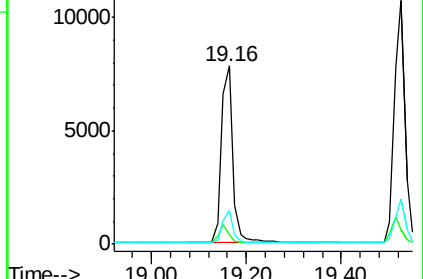
203 18.9 0.0 35.6

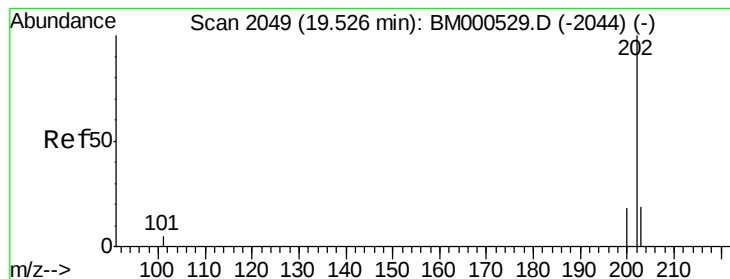


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#17

Pyrene

Concen: 0.38 ng/ul

RT: 19.53 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BM000534.D

Acq: 16 Feb 2015 16:20

Instrument :

BNA_M

ClientSampleId :

X1J26

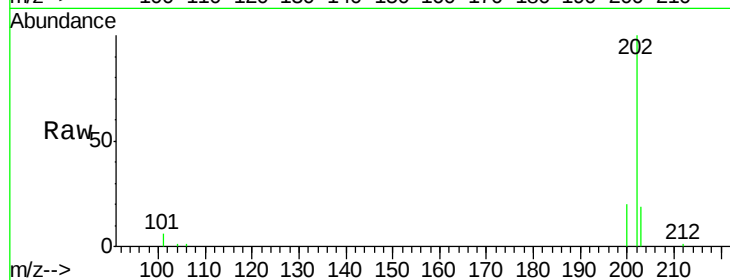
Tgt Ion:202 Resp: 17165

Ion Ratio Lower Upper

202 100

200 19.5 15.0 22.4

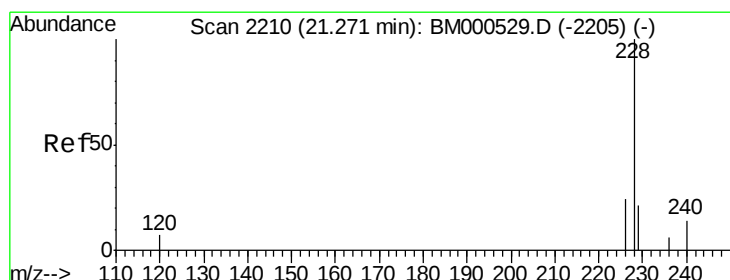
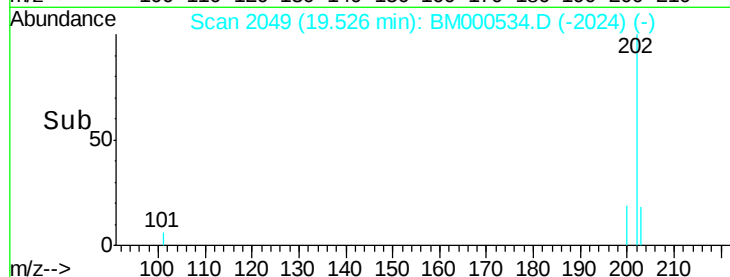
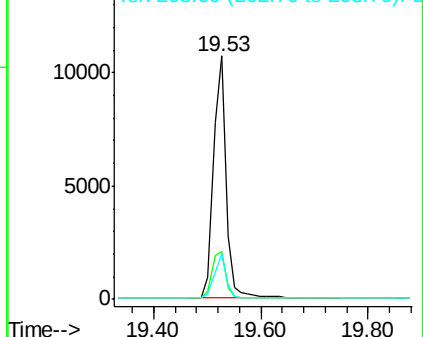
203 18.8 15.2 22.8



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: 0.49 ng/ul

RT: 21.27 min Scan# 2210

Delta R.T. 0.00 min

Lab File: BM000534.D

Acq: 16 Feb 2015 16:20

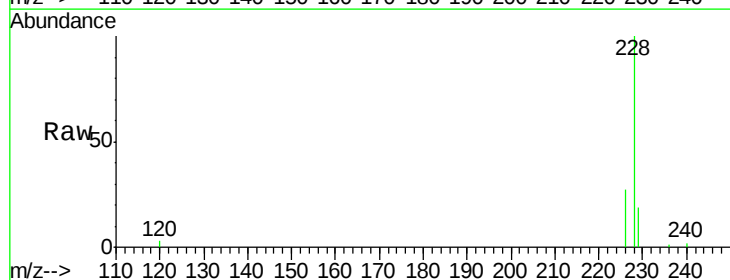
Tgt Ion:228 Resp: 16993

Ion Ratio Lower Upper

228 100

226 27.0 19.8 29.6

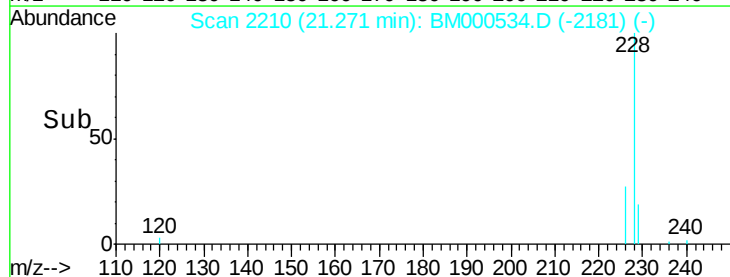
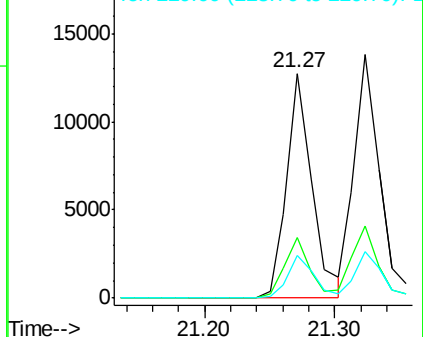
229 19.2 17.0 25.4

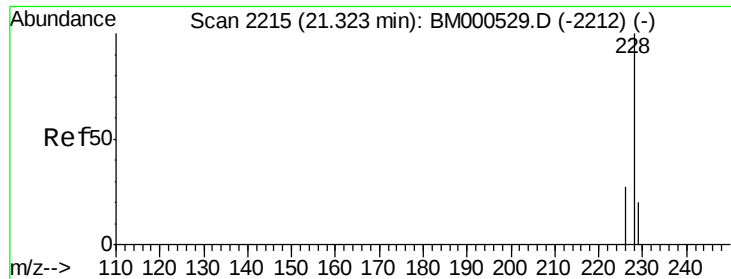


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#19

Chrysene

Concen: 0.50 ng/ul

RT: 21.32 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BM000534.D

Acq: 16 Feb 2015 16:20

Instrument :

BNA_M

ClientSampleId :

X1J26

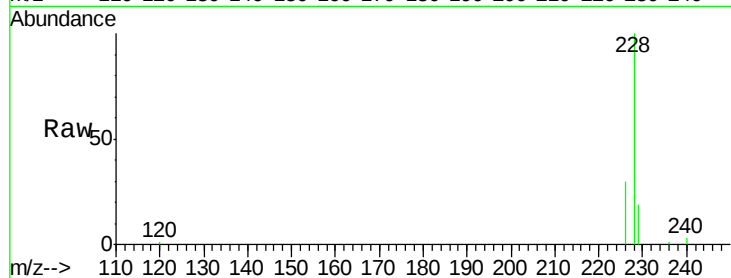
Tgt Ion:228 Resp: 19893

Ion Ratio Lower Upper

228 100

226 29.7 21.8 32.6

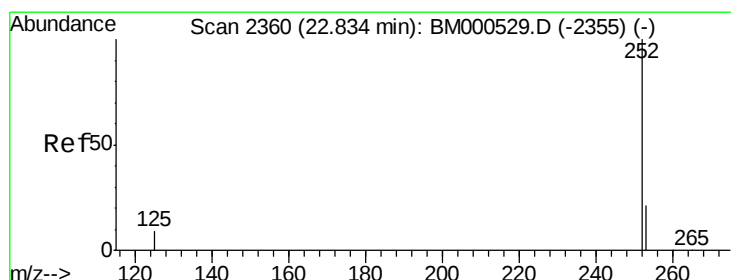
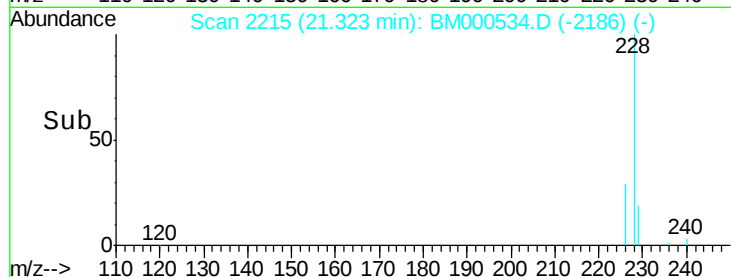
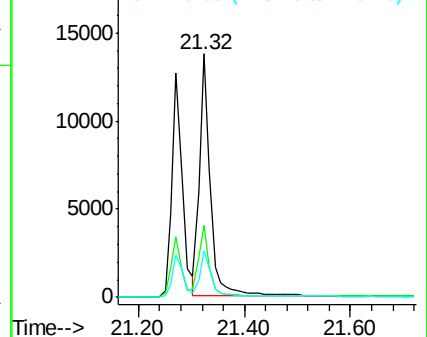
229 18.9 16.7 25.1



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: 0.83 ng/ul

RT: 22.84 min Scan# 2361

Delta R.T. 0.01 min

Lab File: BM000534.D

Acq: 16 Feb 2015 16:20

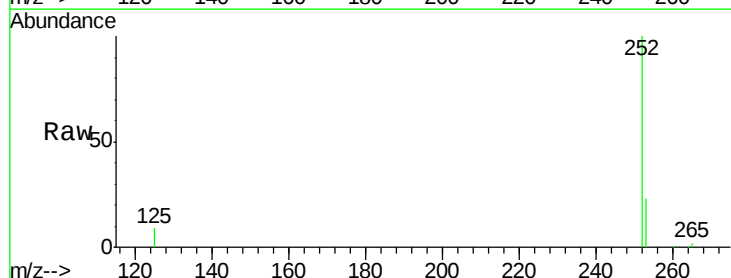
Tgt Ion:252 Resp: 28982

Ion Ratio Lower Upper

252 100

253 23.1 0.0 46.8

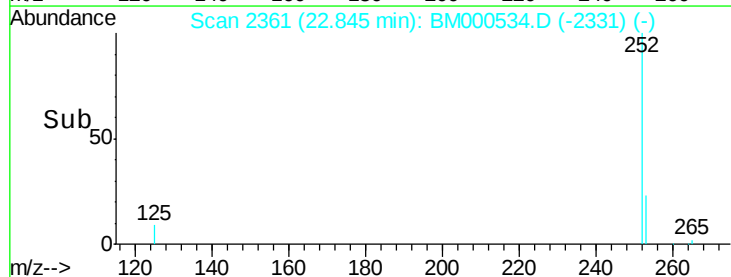
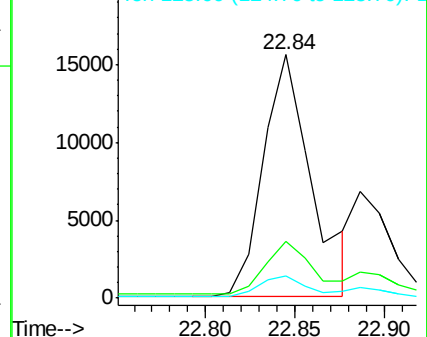
125 9.1 0.0 19.8

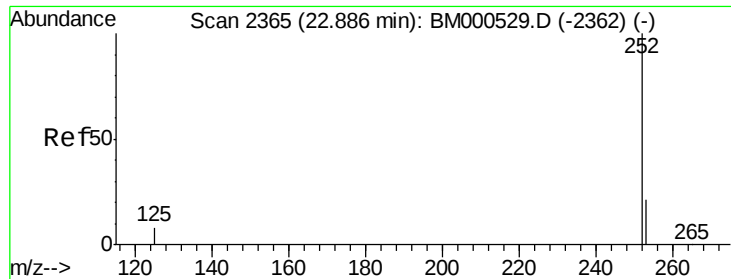


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.31 ng/ul

RT: 22.89 min Scan# 2365

Delta R.T. 0.00 min

Lab File: BM000534.D

Acq: 16 Feb 2015 16:20

Instrument :

BNA_M

ClientSampleId :

X1J26

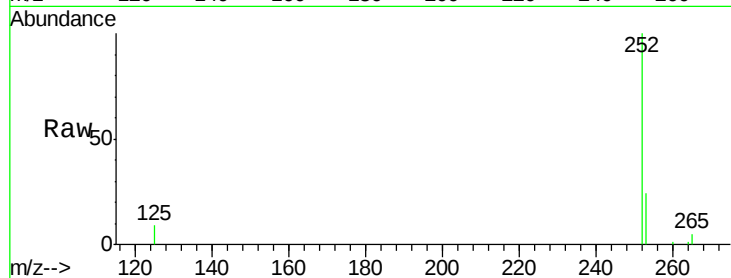
Tgt Ion:252 Resp: 11193

Ion Ratio Lower Upper

252 100

253 24.3 20.5 30.7

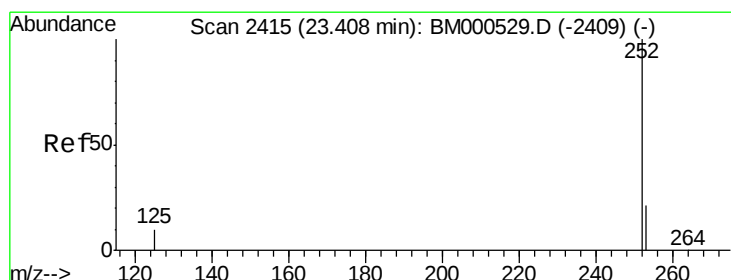
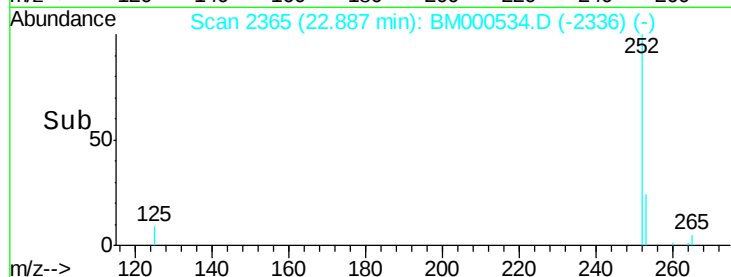
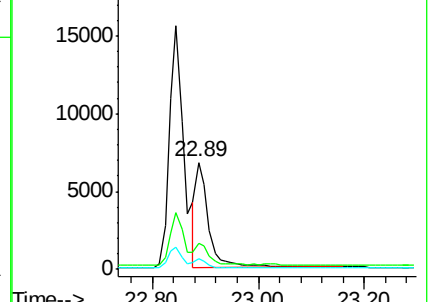
125 9.4 7.0 10.4



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: 0.32 ng/ul

RT: 23.42 min Scan# 2416

Delta R.T. 0.01 min

Lab File: BM000534.D

Acq: 16 Feb 2015 16:20

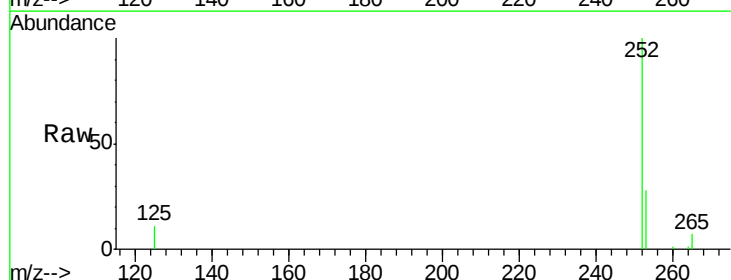
Tgt Ion:252 Resp: 10210

Ion Ratio Lower Upper

252 100

253 27.9 20.2 30.4

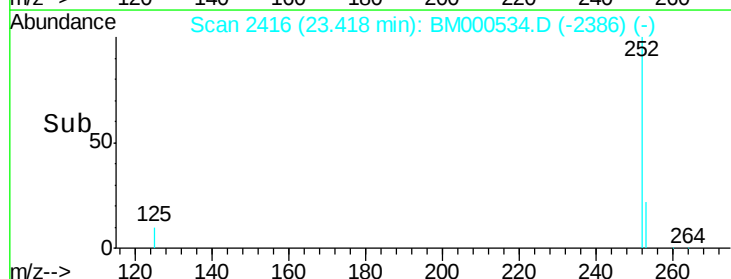
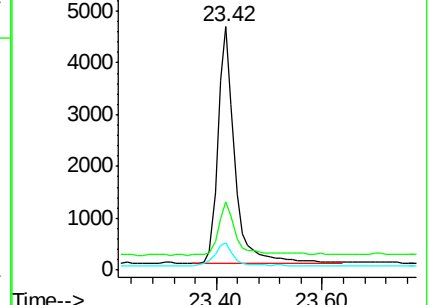
125 11.1 8.6 13.0

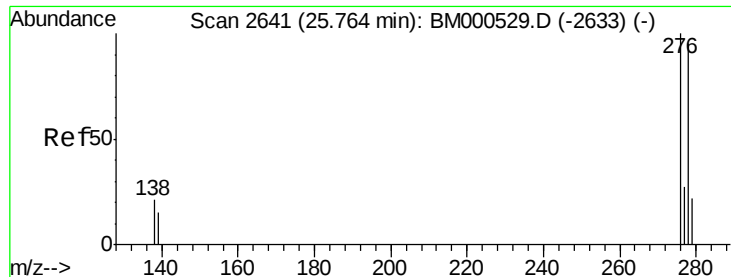


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

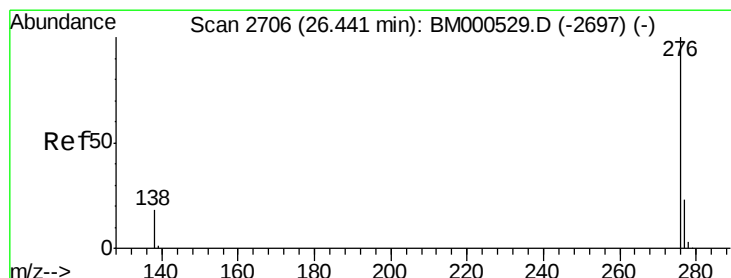
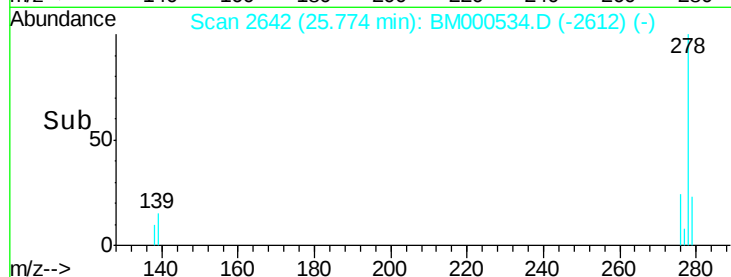
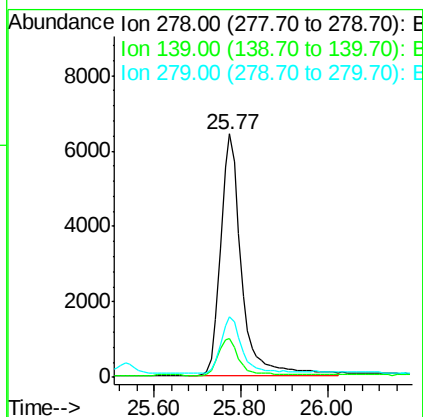
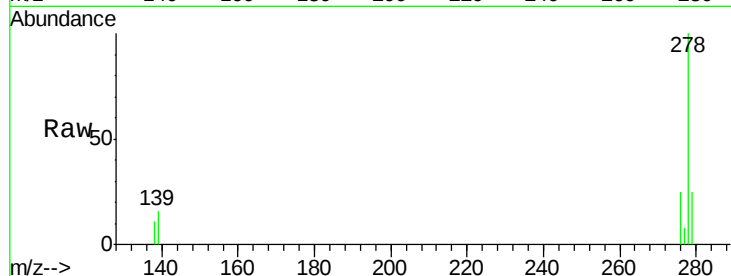




#25
Dibenzo(a,h)anthracene
Concen: 0.82 ng/ul
RT: 25.77 min Scan# 2642
Delta R.T. 0.01 min
Lab File: BM000534.D
Acq: 16 Feb 2015 16:20

Instrument :
BNA_M
ClientSampleId :
X1J26

Tgt Ion: 278 Resp: 21412
Ion Ratio Lower Upper
278 100
139 15.7 13.4 20.2
279 24.8 20.6 30.8



#26
Benzo(g,h,i)perylene
Concen: 0.35 ng/ul
RT: 26.44 min Scan# 2706
Delta R.T. 0.00 min
Lab File: BM000534.D
Acq: 16 Feb 2015 16:20

Tgt Ion: 276 Resp: 10607
Ion Ratio Lower Upper
276 100
277 24.6 19.4 29.2
138 21.3 15.6 23.4

