

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111515\
 Data File : BE091168.D
 Acq On : 15 Nov 2015 12:14
 Operator : UM/NP
 Sample : G4322-08DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4HR9DL

Quant Time: Nov 16 04:55:45 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 16 04:54:02 2015
 Response via : Initial Calibration

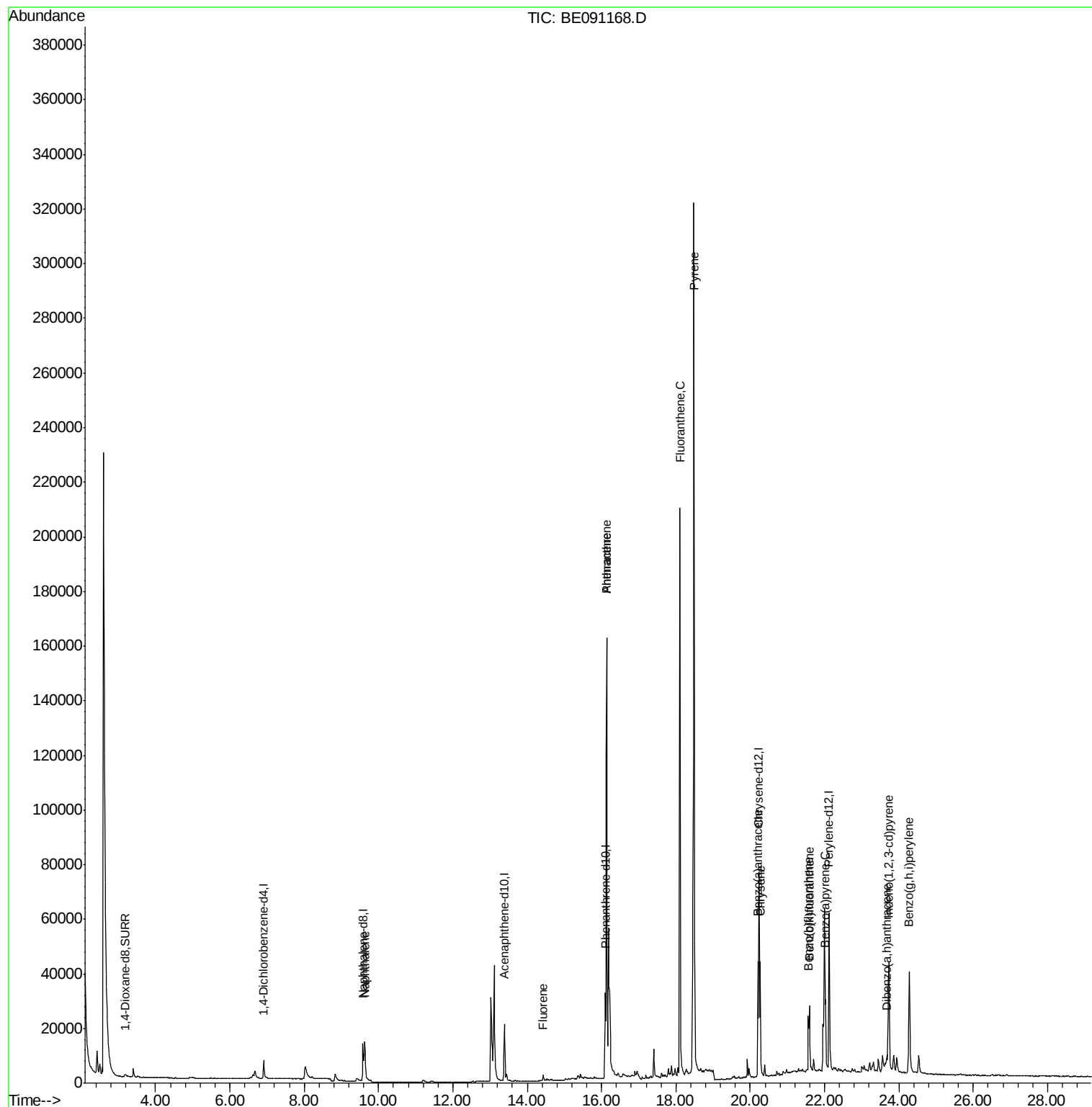
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	4435	0.40	ng/ul	-0.02
4) Naphthalene-d8	9.59	136	22404	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.39	164	13520	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.10	188	36958	0.40	ng/ul	0.00
18) Chrysene-d12	20.23	240	66094	0.40	ng/ul	0.00
22) Perylene-d12	22.12	264	60437	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.19	96	1285	0.40	ng/uL	0.10
6) 2-Methylnaphthalene-d10	11.12	152	375	0.01	ng/ul	0.03
16) Fluoranthene-d10	18.08	212	803	0.01	ng/ul	0.00
Target Compounds				Qvalue		
5) Naphthalene	9.62	128	24288	0.44	ng/ul	99
11) Fluorene	14.43	166	1847	0.03	ng/ul#	90
14) Phenanthrene	16.14	178	189771	0.44	ng/ul	97
15) Anthracene	16.14	178	189190	0.49	ng/ul	98
17) Fluoranthene	18.11	202	236739	0.47	ng/ul	87
19) Pyrene	18.49	202	346007	0.46	ng/ul#	79
20) Benzo(a)anthracene	20.21	228	36036	0.21	ng/ul	95
21) Chrysene	20.27	228	40156	0.21	ng/ul	96
23) Benzo(b)fluoranthene	21.57	252	19674	0.10	ng/ul	95
24) Benzo(k)fluoranthene	21.59	252	25200	0.13	ng/ul#	94
25) Benzo(a)pyrene	22.02	252	29962	0.17	ng/ul	98
26) Indeno(1,2,3-cd)pyrene	23.72	276	56295	0.08	ng/ul#	89
27) Dibenzo(a,h)anthracene	23.68	278	5453	0.03	ng/ul#	66
28) Benzo(g,h,i)perylene	24.28	276	62159	0.08	ng/ul	96

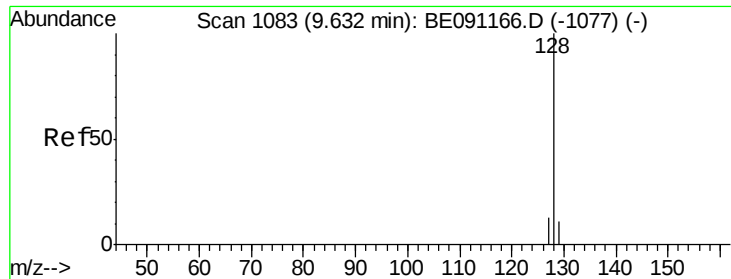
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111515\
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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 16 04:54:02 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.44 ng/ul

RT: 9.62 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BE091168.D

Acq: 15 Nov 2015 12:14

Instrument :

BNA_E

ClientSampled :

A4HR9DL

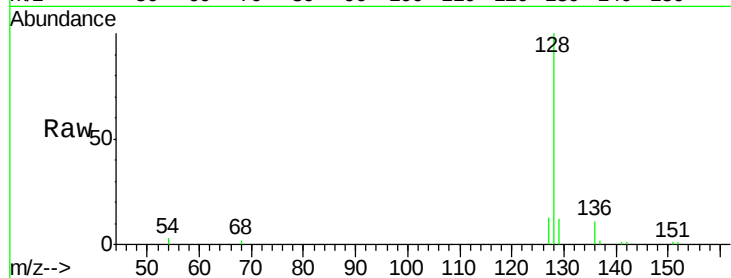
Tgt Ion:128 Resp: 24288

Ion Ratio Lower Upper

128 100

129 11.6 9.8 14.8

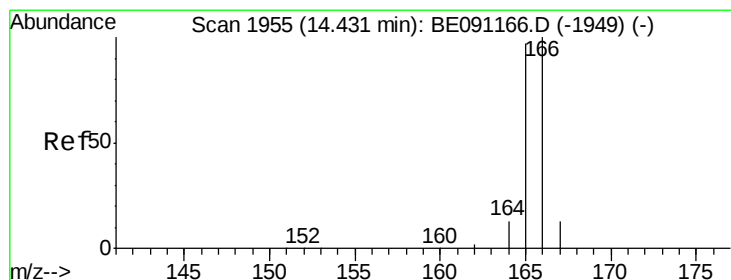
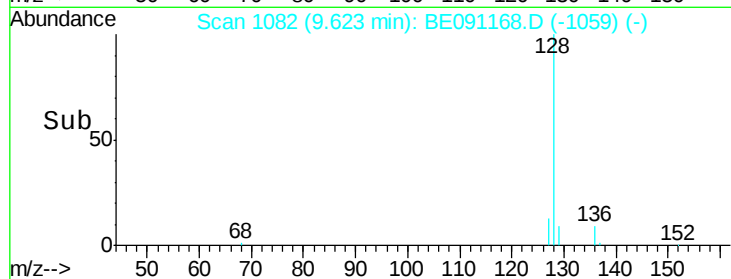
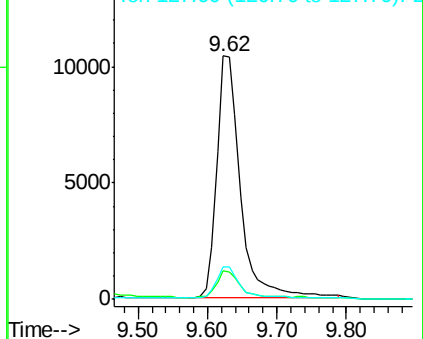
127 13.1 10.7 16.1



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

Fluorene

Concen: 0.03 ng/ul

RT: 14.43 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BE091168.D

Acq: 15 Nov 2015 12:14

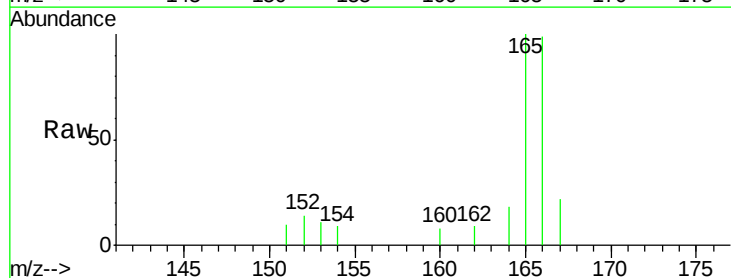
Tgt Ion:166 Resp: 1847

Ion Ratio Lower Upper

166 100

165 100.7 87.6 131.4

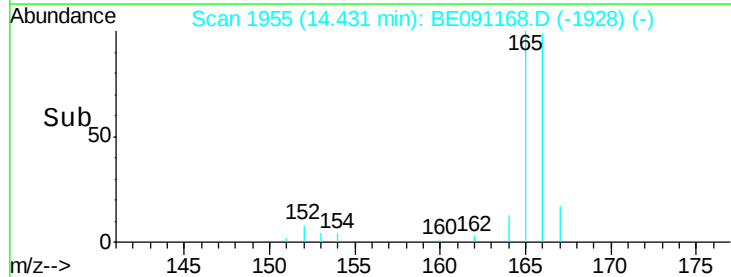
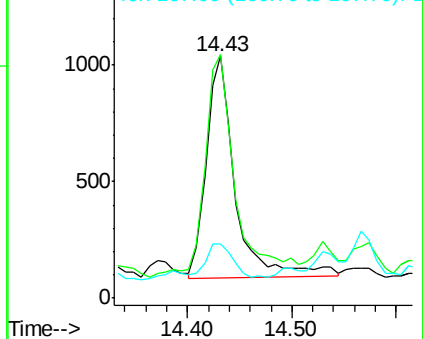
167 22.6 11.1 16.7#

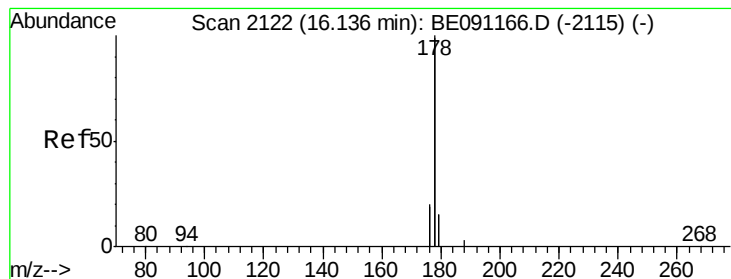


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#14

Phenanthrene

Concen: 0.44 ng/ul

RT: 16.14 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BE091168.D

Acq: 15 Nov 2015 12:14

Instrument :

BNA_E

ClientSampleId :

A4HR9DL

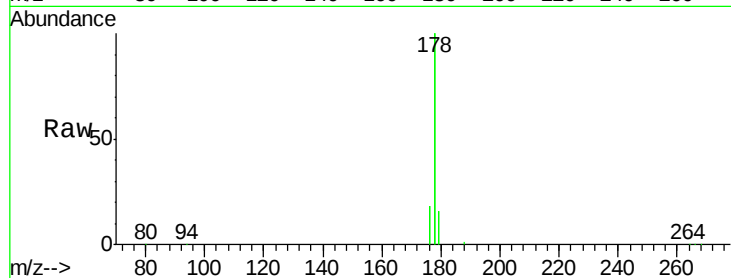
Tgt Ion:178 Resp: 189771

Ion Ratio Lower Upper

178 100

176 18.1 16.2 24.4

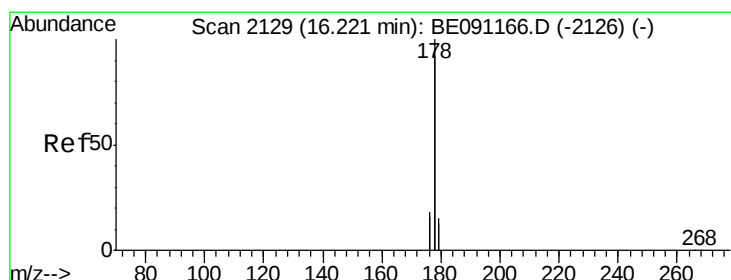
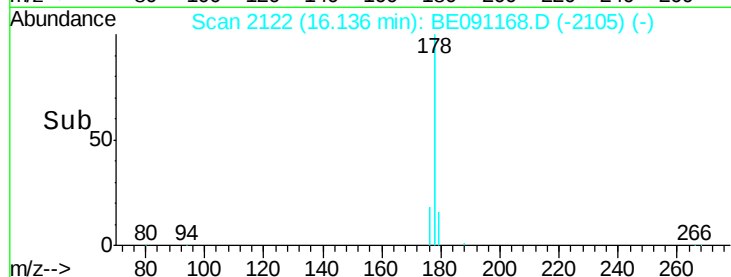
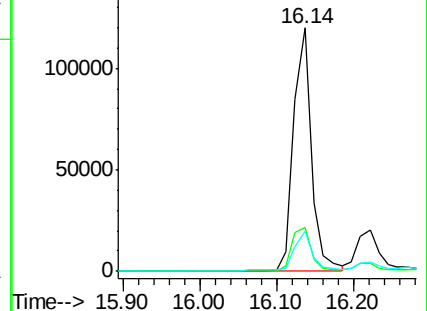
179 16.5 12.8 19.2



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

Anthracene

Concen: 0.49 ng/ul

RT: 16.14 min Scan# 2122

Delta R.T. -0.08 min

Lab File: BE091168.D

Acq: 15 Nov 2015 12:14

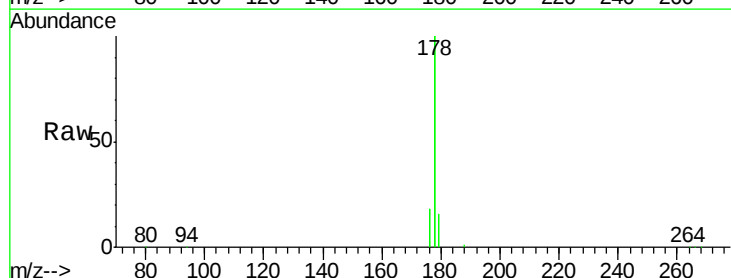
Tgt Ion:178 Resp: 189190

Ion Ratio Lower Upper

178 100

176 18.1 15.8 23.8

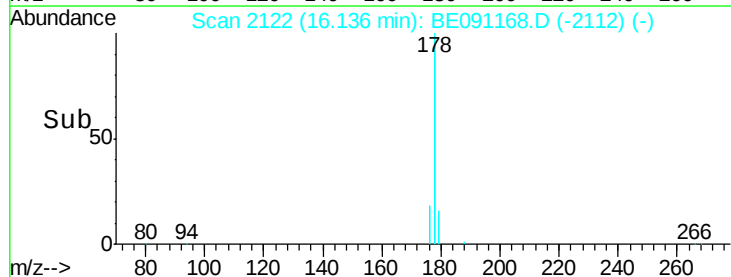
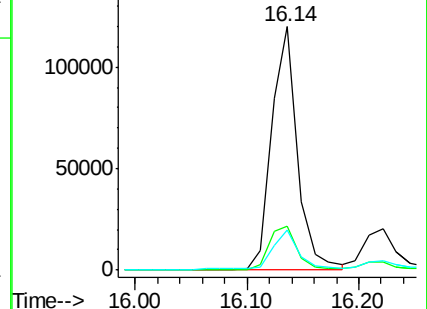
179 16.5 13.3 19.9

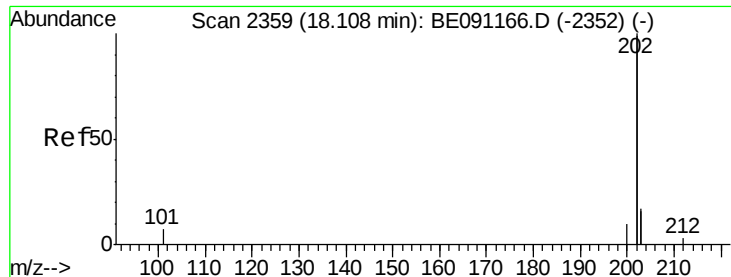


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

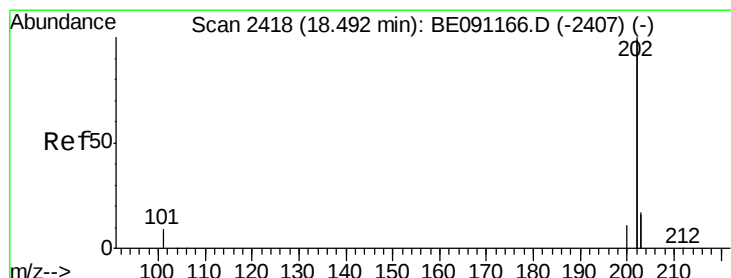
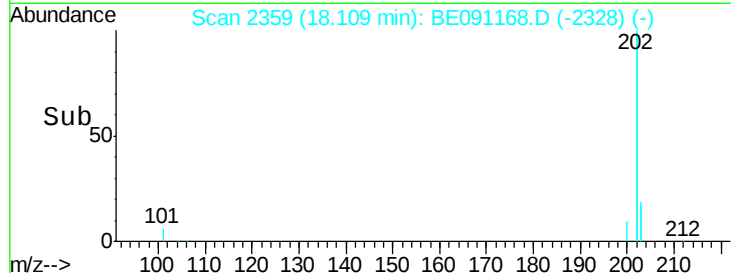
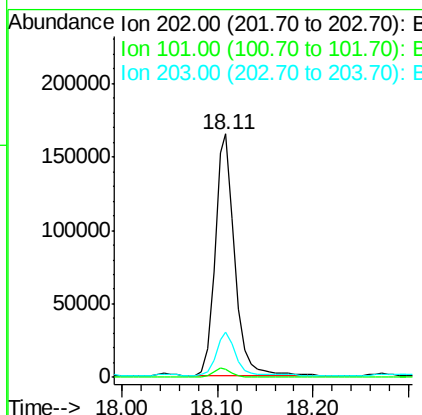
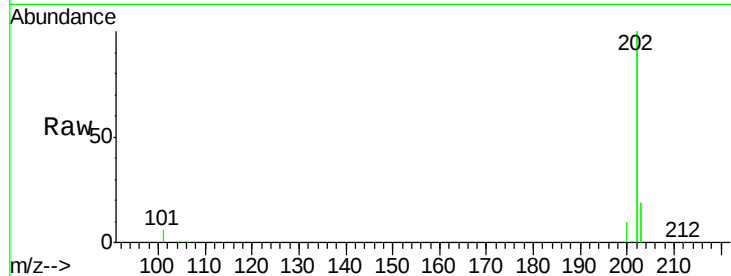




#17
Fluoranthene
 Concen: 0.47 ng/ul
 RT: 18.11 min Scan# 2359
 Delta R.T. 0.00 min
 Lab File: BE091168.D
 Acq: 15 Nov 2015 12:14

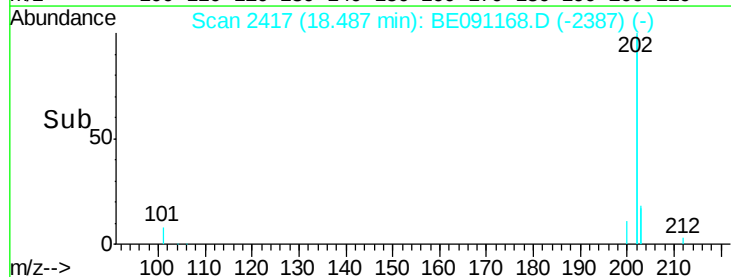
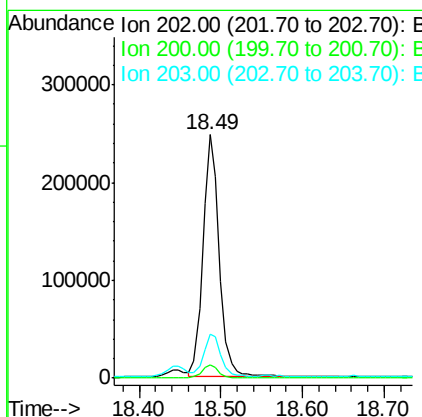
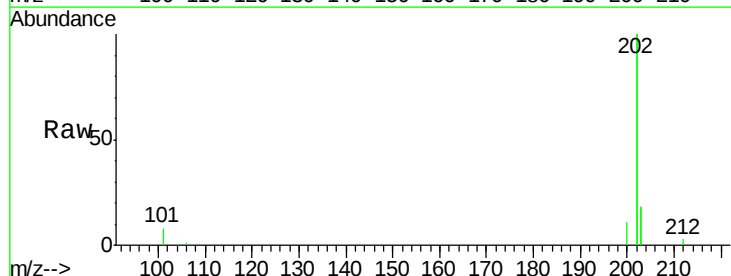
Instrument :
 BNA_E
 ClientSampleId :
 A4HR9DL

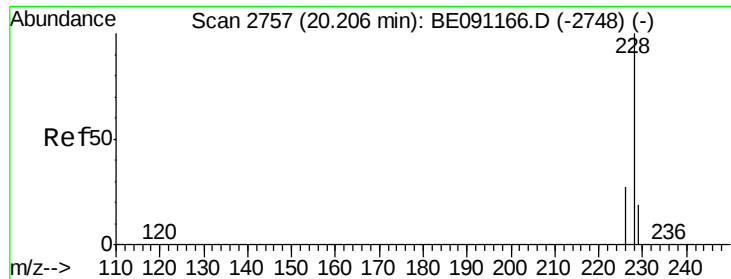
Tgt Ion:202 Resp: 236739
 Ion Ratio Lower Upper
 202 100
 101 3.1 0.0 33.1
 203 18.6 0.0 37.2



#19
Pyrene
 Concen: 0.46 ng/ul
 RT: 18.49 min Scan# 2417
 Delta R.T. -0.01 min
 Lab File: BE091168.D
 Acq: 15 Nov 2015 12:14

Tgt Ion:202 Resp: 346007
 Ion Ratio Lower Upper
 202 100
 200 5.3 18.0 27.0#
 203 18.2 13.8 20.6





#20

Benzo(a)anthracene

Concen: 0.21 ng/ul

RT: 20.21 min Scan# 2757

Delta R.T. 0.00 min

Lab File: BE091168.D

Acq: 15 Nov 2015 12:14

Instrument :

BNA_E

ClientSampleId :

A4HR9DL

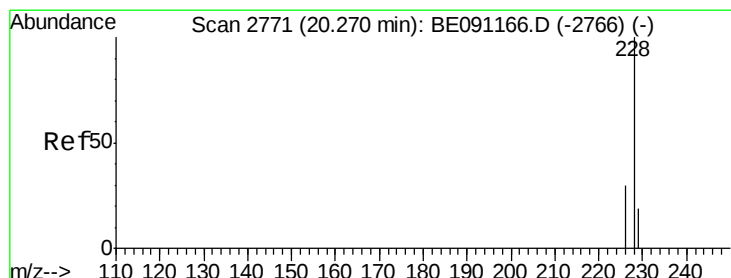
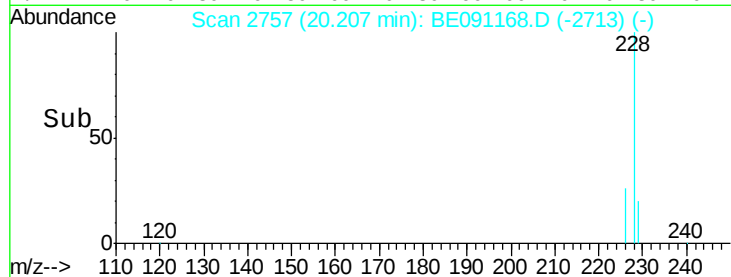
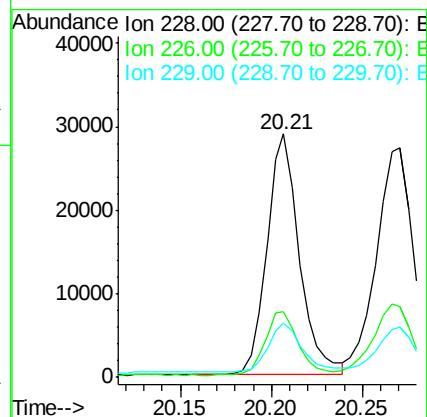
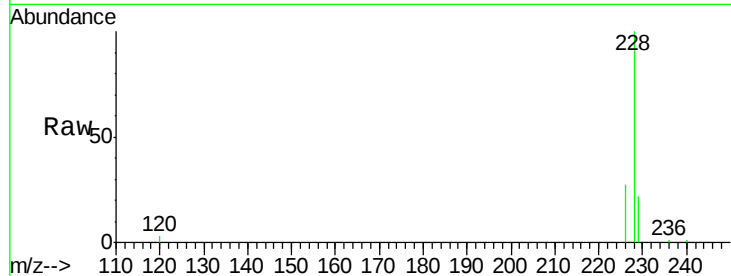
Tgt Ion:228 Resp: 36036

Ion Ratio Lower Upper

228 100

226 27.1 23.0 34.4

229 22.2 15.2 22.8



#21

Chrysene

Concen: 0.21 ng/ul

RT: 20.27 min Scan# 2771

Delta R.T. 0.00 min

Lab File: BE091168.D

Acq: 15 Nov 2015 12:14

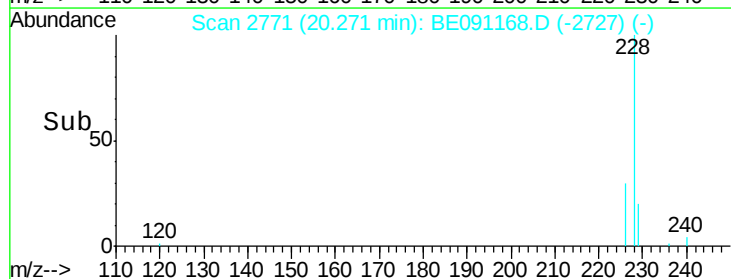
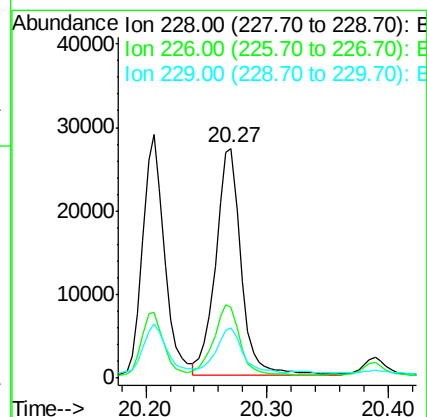
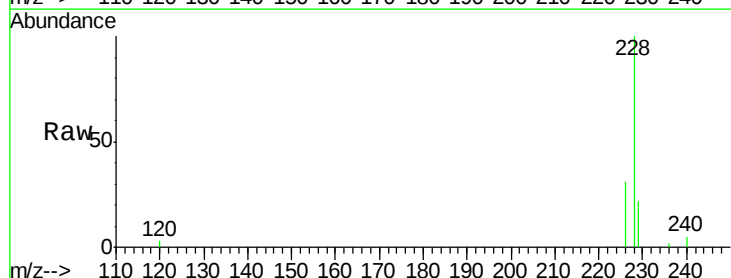
Tgt Ion:228 Resp: 40156

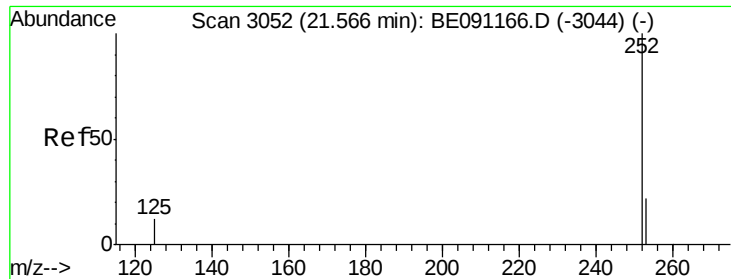
Ion Ratio Lower Upper

228 100

226 30.6 25.7 38.5

229 21.9 15.2 22.8





#23

Benzo(b)fluoranthene

Concen: 0.10 ng/ul

RT: 21.57 min Scan# 3052

Delta R.T. 0.00 min

Lab File: BE091168.D

Acq: 15 Nov 2015 12:14

Instrument :

BNA_E

ClientSampleId :

A4HR9DL

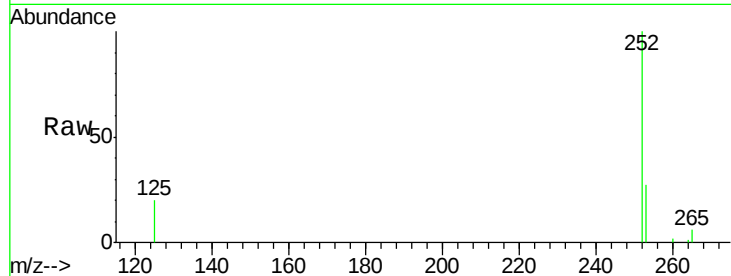
Tgt Ion:252 Resp: 19674

Ion Ratio Lower Upper

252 100

253 27.0 0.0 48.0

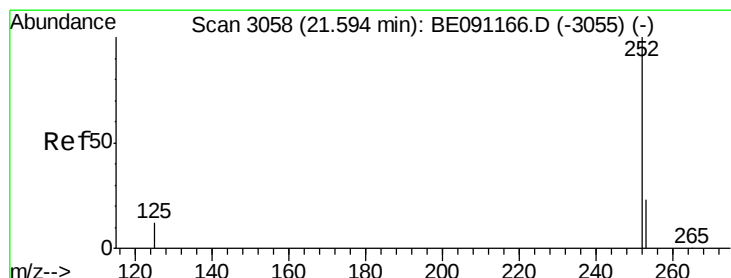
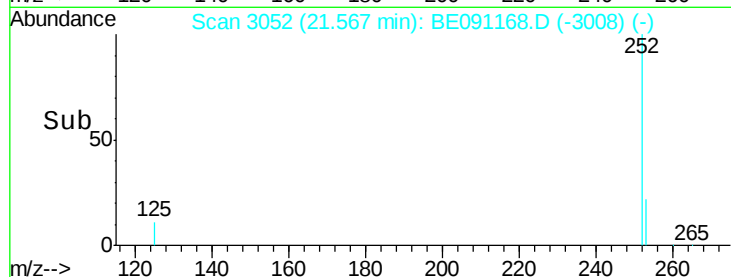
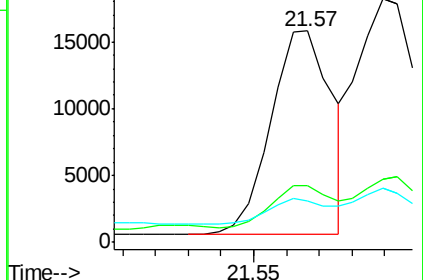
125 19.8 0.0 36.6



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

Benzo(k)fluoranthene

Concen: 0.13 ng/ul

RT: 21.59 min Scan# 3057

Delta R.T. -0.00 min

Lab File: BE091168.D

Acq: 15 Nov 2015 12:14

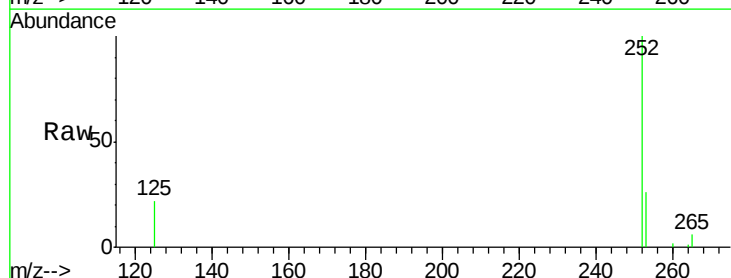
Tgt Ion:252 Resp: 25200

Ion Ratio Lower Upper

252 100

253 25.9 20.8 31.2

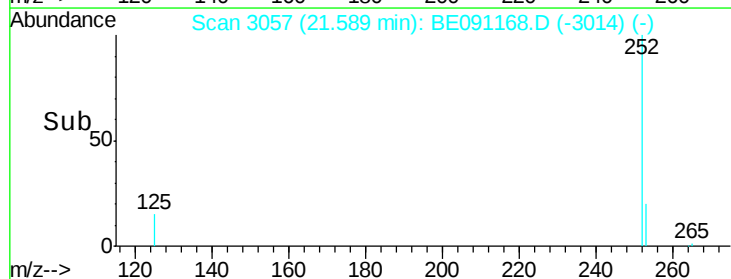
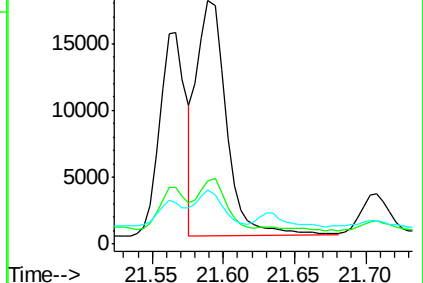
125 22.2 12.2 18.4#

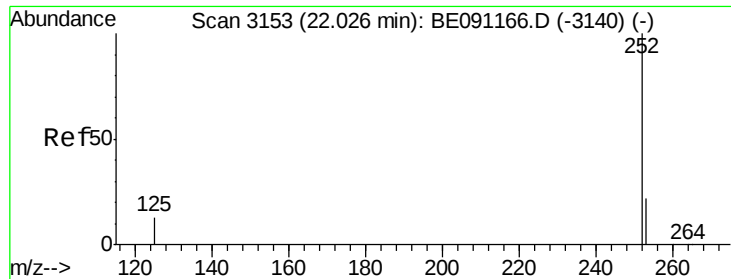


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(a)pyrene

Concen: 0.17 ng/ul

RT: 22.02 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BE091168.D

Acq: 15 Nov 2015 12:14

Instrument :

BNA_E

ClientSampleId :

A4HR9DL

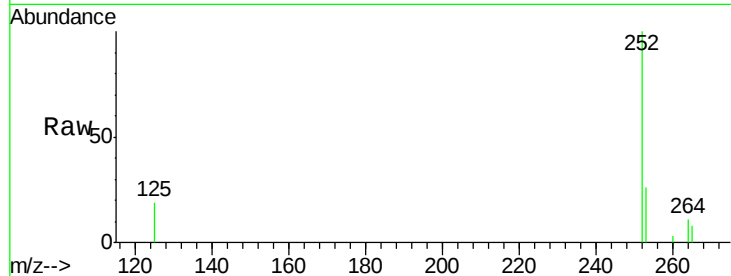
Tgt Ion:252 Resp: 29962

Ion Ratio Lower Upper

252 100

253 25.8 21.8 32.8

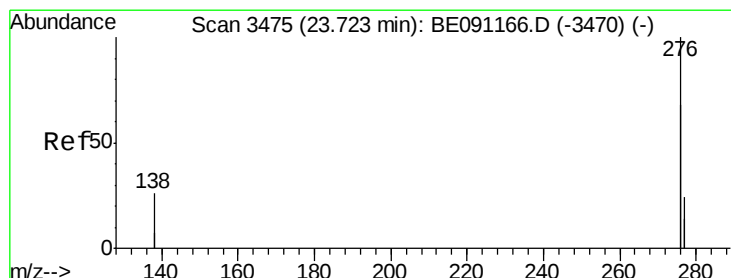
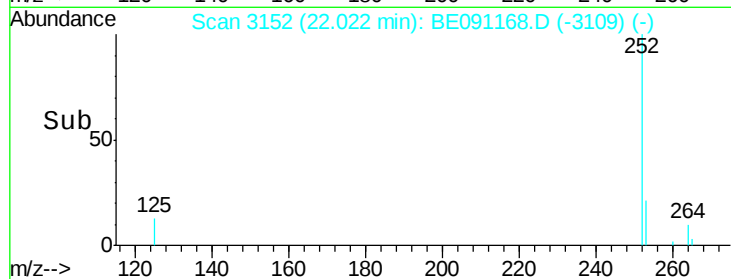
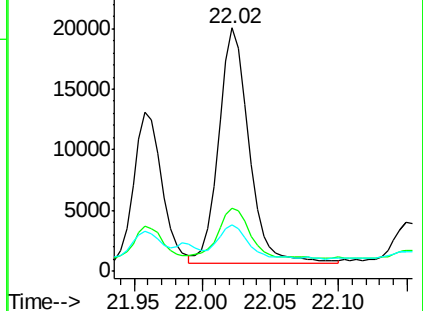
125 18.9 14.5 21.7



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



#26

Indeno(1,2,3-cd)pyrene

Concen: 0.08 ng/ul

RT: 23.72 min Scan# 3474

Delta R.T. -0.00 min

Lab File: BE091168.D

Acq: 15 Nov 2015 12:14

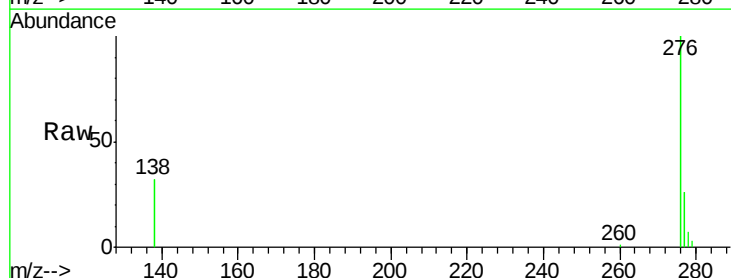
Tgt Ion:276 Resp: 56295

Ion Ratio Lower Upper

276 100

138 24.2 27.5 41.3#

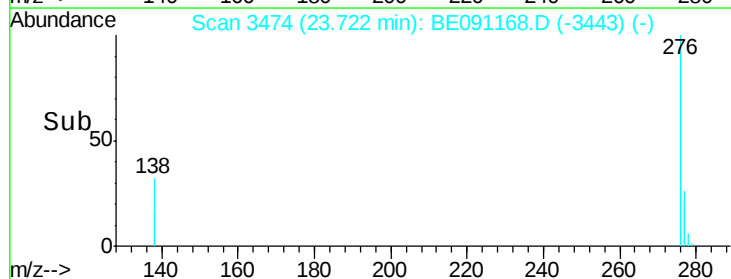
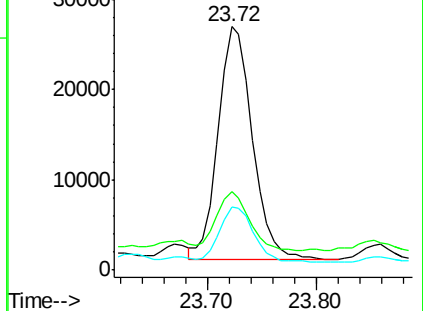
277 23.7 19.3 28.9

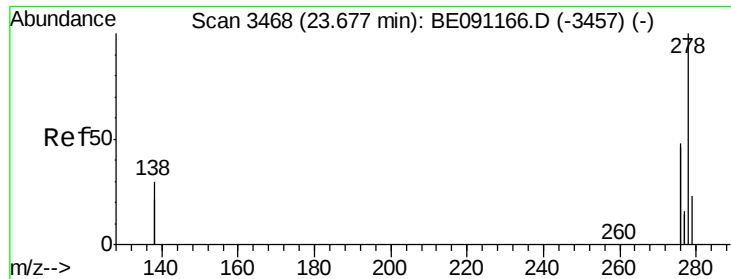


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



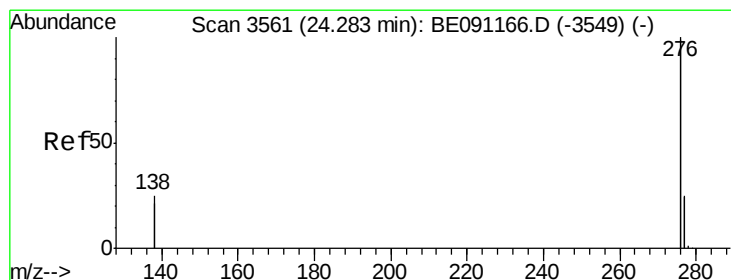
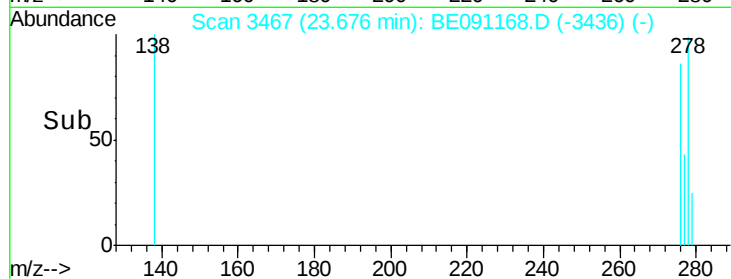
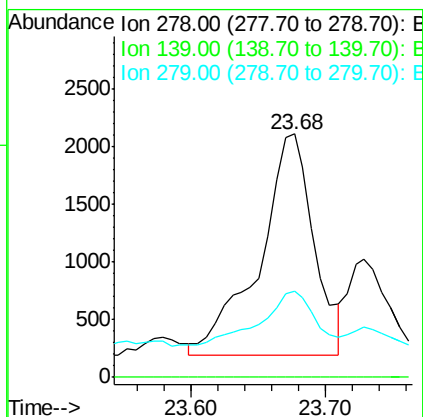
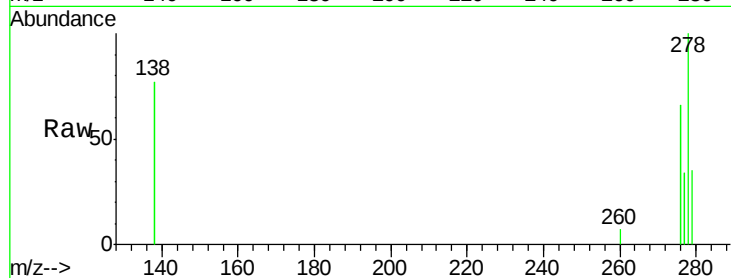


#27
Dibenzo(a,h)anthracene
Concen: 0.03 ng/ul
RT: 23.68 min Scan# 3467
Delta R.T. -0.00 min
Lab File: BE091168.D
Acq: 15 Nov 2015 12:14

Instrument :
BNA_E
ClientSampleId :
A4HR9DL

Tgt Ion: 278 Resp: 5453

Ion	Ratio	Lower	Upper
278	100		
139	0.0	21.7	32.5#
279	35.4	21.9	32.9#



#28
Benzo(g,h,i)perylene
Concen: 0.08 ng/ul
RT: 24.28 min Scan# 3559
Delta R.T. -0.01 min
Lab File: BE091168.D
Acq: 15 Nov 2015 12:14

Tgt Ion: 276 Resp: 62159

Ion	Ratio	Lower	Upper
276	100		
277	24.7	21.3	31.9
138	34.2	25.5	38.3

