

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE112315\
 Data File : BE091308.D
 Acq On : 23 Nov 2015 20:13
 Operator : UM/NP
 Sample : G4346-02DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A4J70DL

Quant Time: Nov 24 02:53:09 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 : Tue Nov 24 02:51:08 2015
 Response via : Initial Calibration

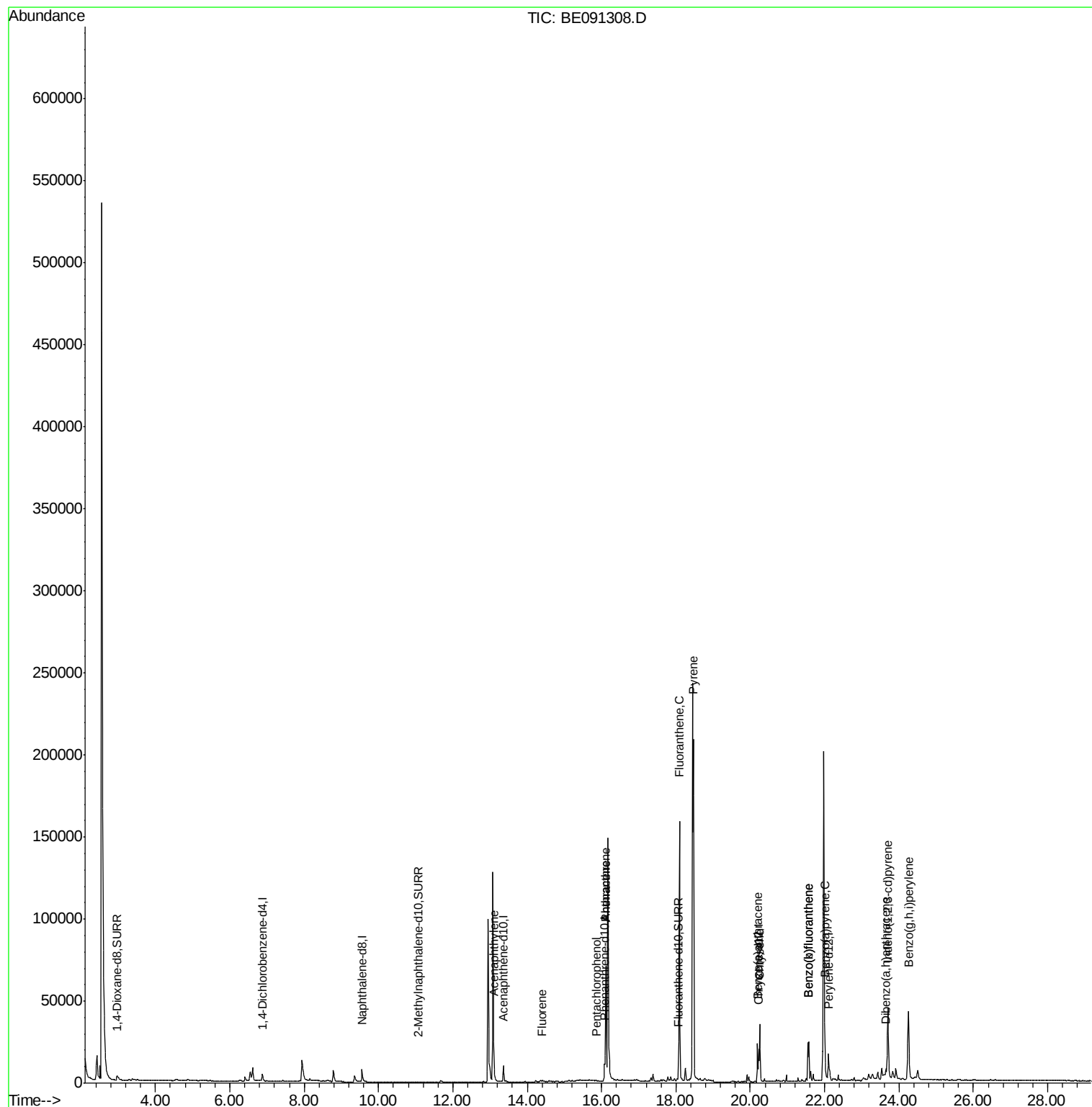
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	2138	0.40	ng/ul	-0.03
4) Naphthalene-d8	9.56	136	10035	0.40	ng/ul	0.00
8) Acenaphthene-d10	13.36	164	5069	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.09	188	13571	0.40	ng/ul	0.00
18) Chrysene-d12	20.22	240	16537	0.40	ng/ul	0.00
22) Perylene-d12	22.10	264	16722	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.97	96	3737	2.43	ng/uL	0.01
6) 2-Methylnaphthalene-d10	11.07	152	820	0.06	ng/ul	0.00
16) Fluoranthene-d10	18.06	212	2267	0.06	ng/ul	0.00
Target Compounds				Qvalue		
9) Acenaphthylene	13.11	152	5245	0.21	ng/ul	98
11) Fluorene	14.41	166	889	0.04	ng/ul#	91
13) Pentachlorophenol	15.86	266	95	0.07	ng/ul	87
14) Phenanthrene	16.11	178	77339	0.49	ng/ul	98
15) Anthracene	16.11	178	77339	0.54	ng/ul	96
17) Fluoranthene	18.09	202	177656	0.97	ng/ul	87
19) Pyrene	18.47	202	221385	1.18	ng/ul#	79
20) Benzo(a)anthracene	20.19	228	19398	0.46	ng/ul	97
21) Chrysene	20.26	228	32978	0.67	ng/ul	98
23) Benzo(b)fluoranthene	21.55	252	21105	0.40	ng/ul	96
24) Benzo(k)fluoranthene	21.58	252	24368	0.45	ng/ul	95
25) Benzo(a)pyrene	22.01	252	24753	0.51	ng/ul	94
26) Indeno(1,2,3-cd)pyrene	23.70	276	59660	0.29	ng/ul#	90
27) Dibenzo(a,h)anthracene	23.65	278	5616	0.12	ng/ul#	70
28) Benzo(g,h,i)perylene	24.26	276	66507	0.31	ng/ul	98

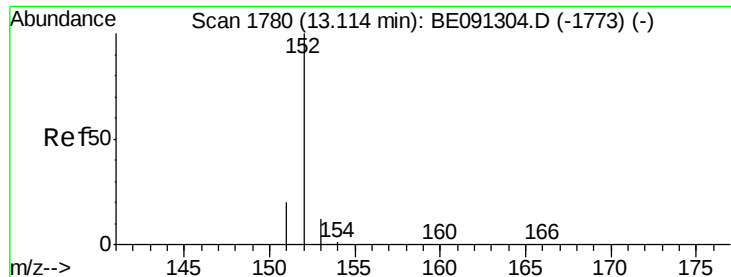
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
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QLast Update : Tue Nov 24 02:51:08 2015
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#9

Acenaphthylene

Concen: 0.21 ng/ul

RT: 13.11 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BE091308.D

Acq: 23 Nov 2015 20:13

Instrument :

BNA_E

ClientSampleId :

A4J70DL

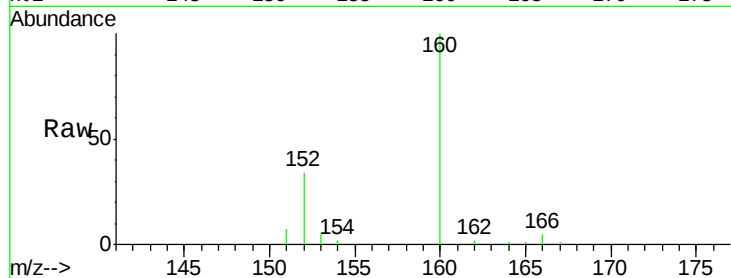
Tgt Ion:152 Resp: 5245

Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

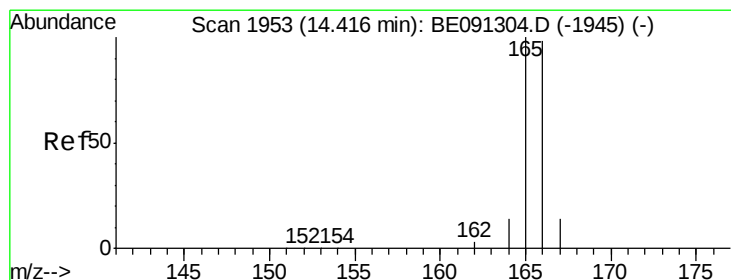
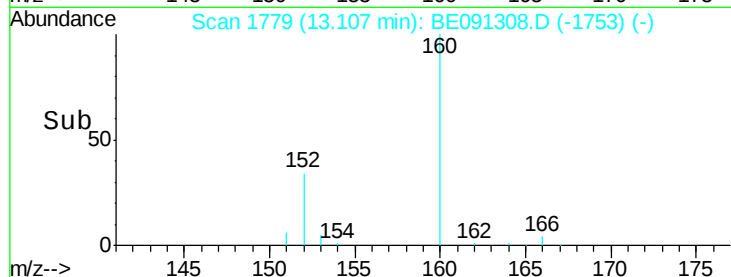
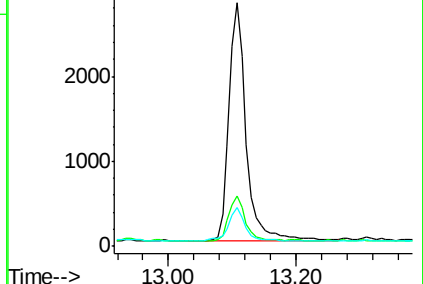
153 15.7 11.3 16.9



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



#11

Fluorene

Concen: 0.04 ng/ul

RT: 14.41 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BE091308.D

Acq: 23 Nov 2015 20:13

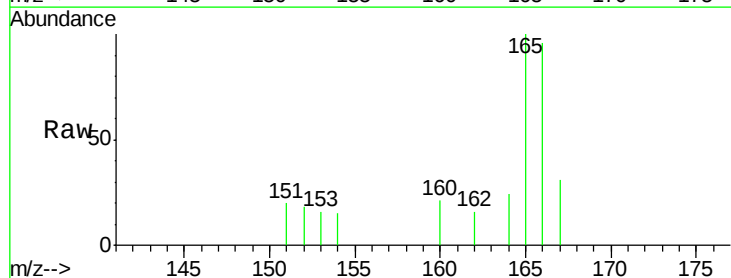
Tgt Ion:166 Resp: 889

Ion Ratio Lower Upper

166 100

165 104.6 87.6 131.4

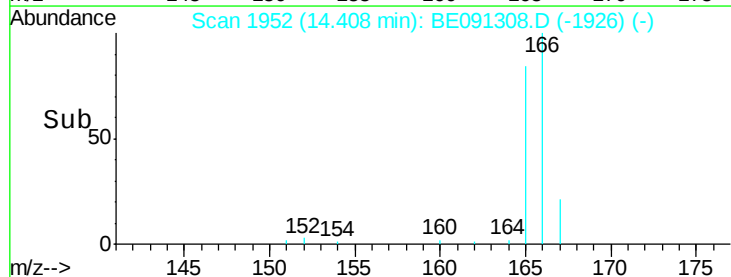
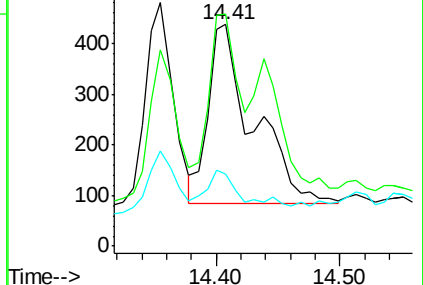
167 32.4 11.1 16.7#

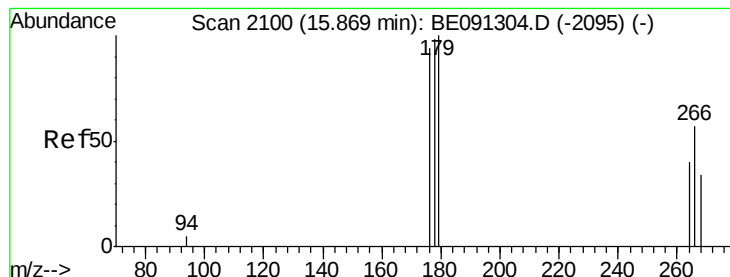


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#13

Pentachlorophenol

Concen: 0.07 ng/ul

RT: 15.86 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BE091308.D

Acq: 23 Nov 2015 20:13

Instrument :

BNA_E

ClientSampleId :

A4J70DL

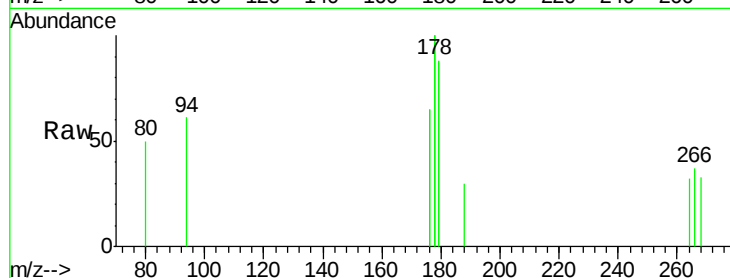
Tgt Ion:266 Resp: 95

Ion Ratio Lower Upper

266 100

264 76.8 53.5 80.3

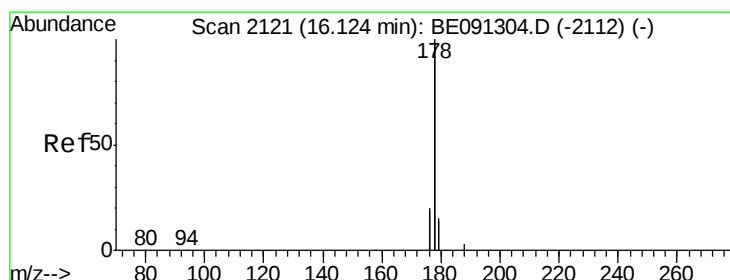
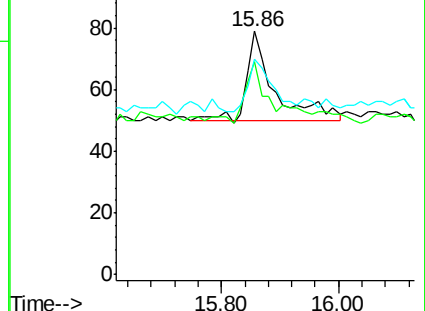
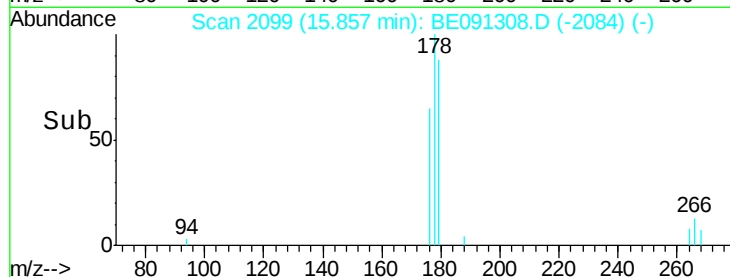
268 56.8 54.2 81.2



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



#14

Phenanthrene

Concen: 0.49 ng/ul

RT: 16.11 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BE091308.D

Acq: 23 Nov 2015 20:13

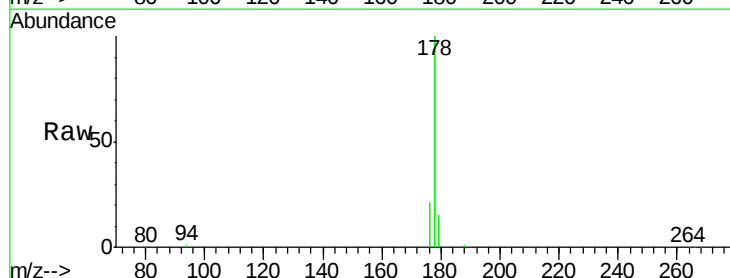
Tgt Ion:178 Resp: 77339

Ion Ratio Lower Upper

178 100

176 21.1 16.2 24.4

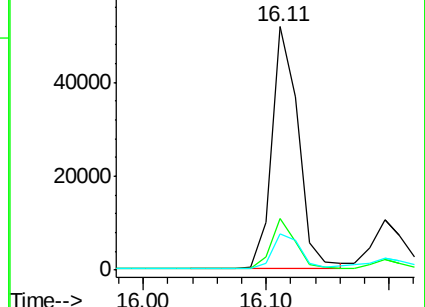
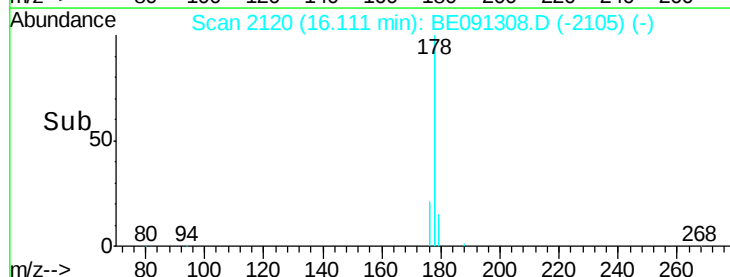
179 14.8 12.8 19.2

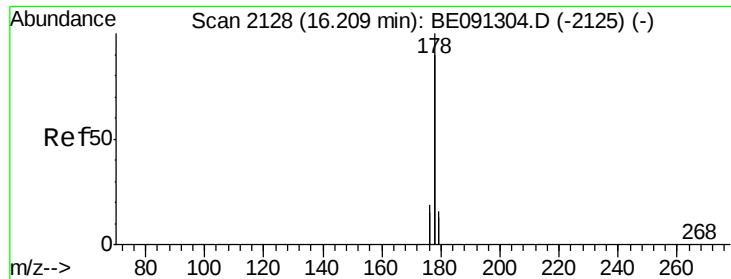


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Anthracene

Concen: 0.54 ng/ul

RT: 16.11 min Scan# 2120

Delta R.T. -0.10 min

Lab File: BE091308.D

Acq: 23 Nov 2015 20:13

Instrument :

BNA_E

ClientSampleId :

A4J70DL

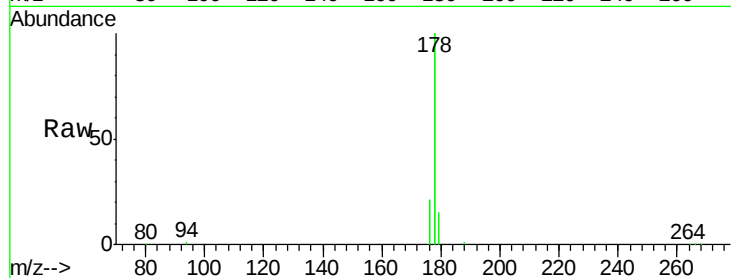
Tgt Ion:178 Resp: 77339

Ion Ratio Lower Upper

178 100

176 21.1 15.8 23.8

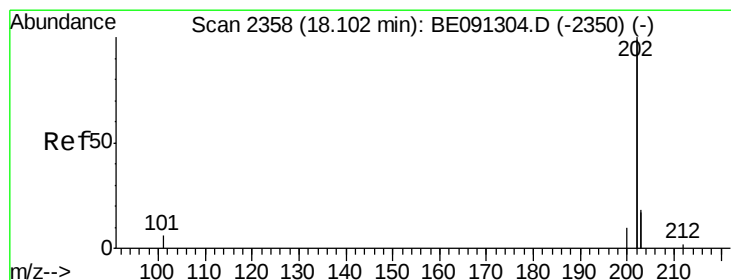
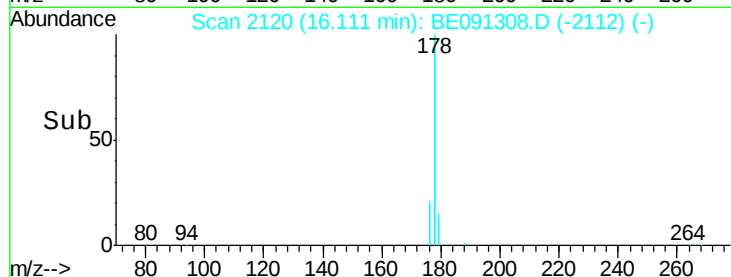
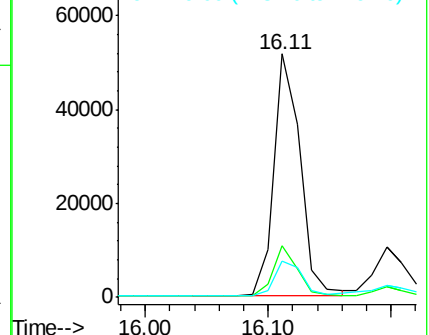
179 14.8 13.3 19.9



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: 0.97 ng/ul

RT: 18.09 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BE091308.D

Acq: 23 Nov 2015 20:13

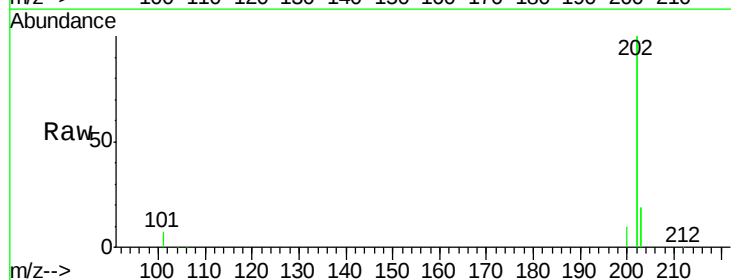
Tgt Ion:202 Resp: 177656

Ion Ratio Lower Upper

202 100

101 3.3 0.0 33.1

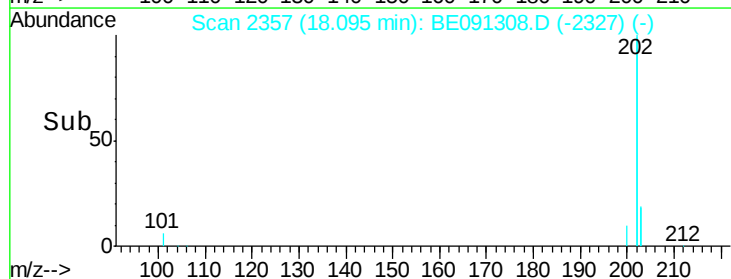
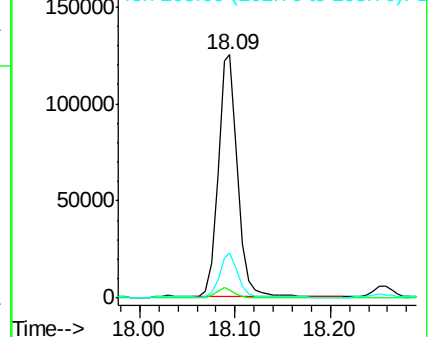
203 18.7 0.0 37.2

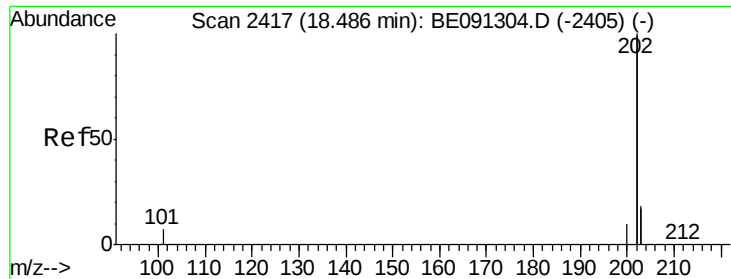


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#19

Pyrene

Concen: 1.18 ng/ul

RT: 18.47 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BE091308.D

Acq: 23 Nov 2015 20:13

Instrument :

BNA_E

ClientSampleId :

A4J70DL

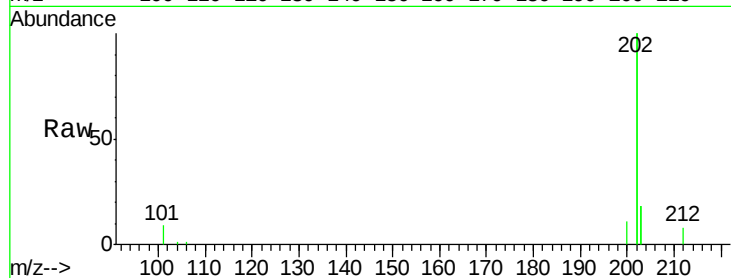
Tgt Ion:202 Resp: 221385

Ion Ratio Lower Upper

202 100

200 5.4 18.0 27.0#

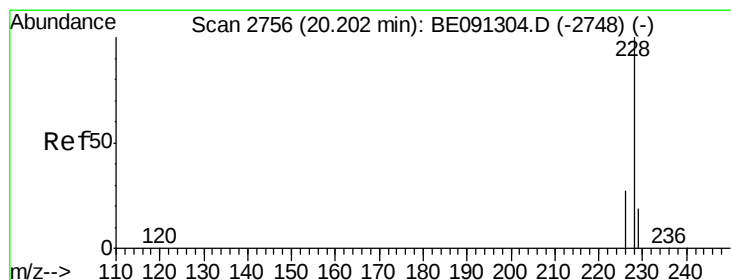
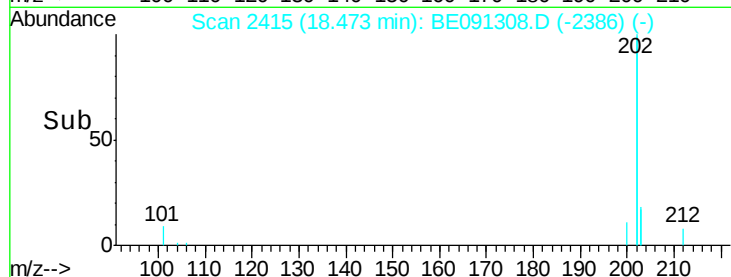
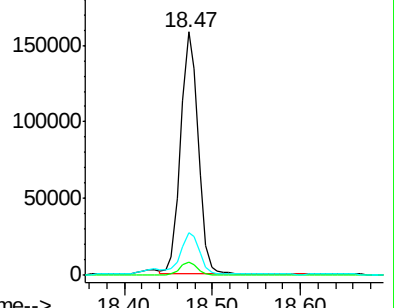
203 17.7 13.8 20.6



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



#20

Benzo(a)anthracene

Concen: 0.46 ng/ul

RT: 20.19 min Scan# 2754

Delta R.T. -0.01 min

Lab File: BE091308.D

Acq: 23 Nov 2015 20:13

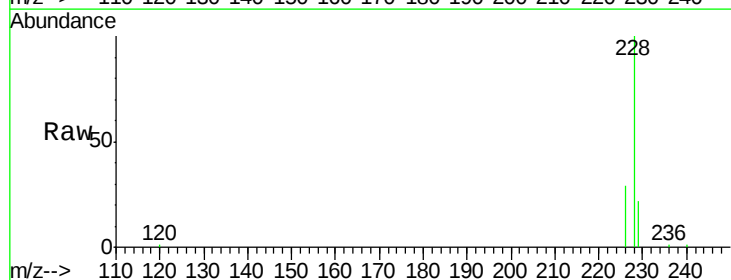
Tgt Ion:228 Resp: 19398

Ion Ratio Lower Upper

228 100

226 28.6 23.0 34.4

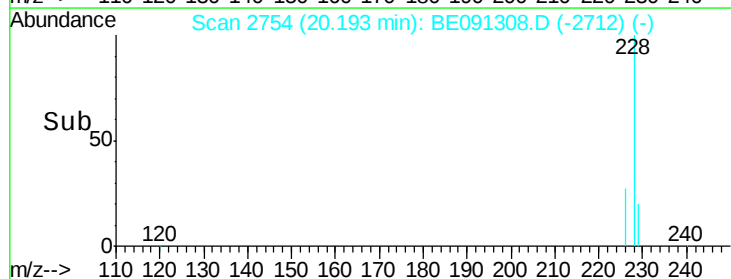
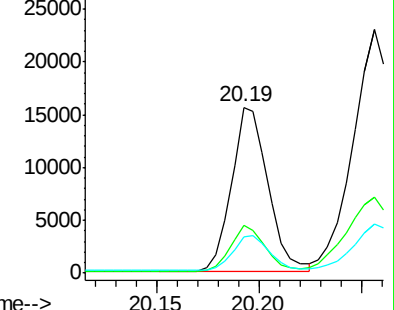
229 22.0 15.2 22.8

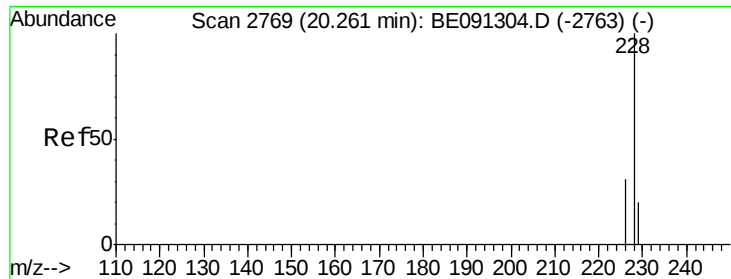


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Chrysene

Concen: 0.67 ng/ul

RT: 20.26 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BE091308.D

Acq: 23 Nov 2015 20:13

Instrument :

BNA_E

ClientSampleId :

A4J70DL

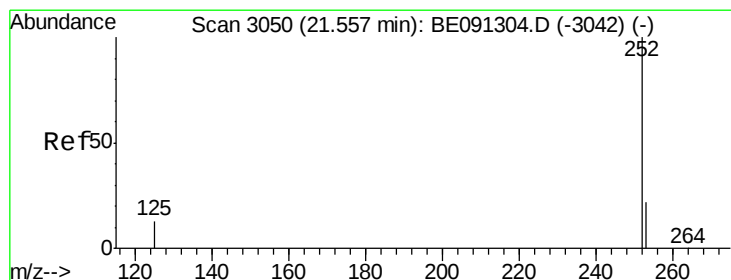
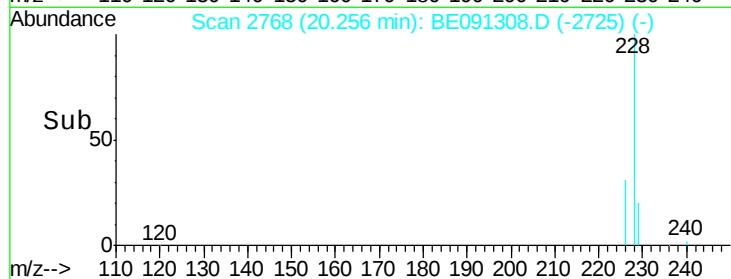
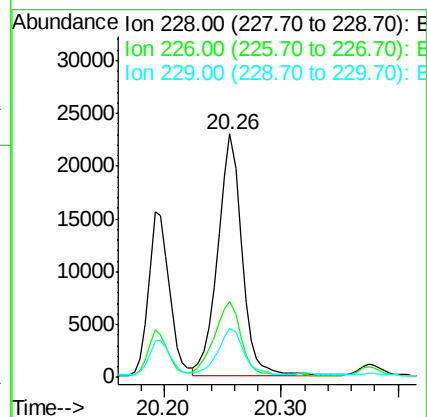
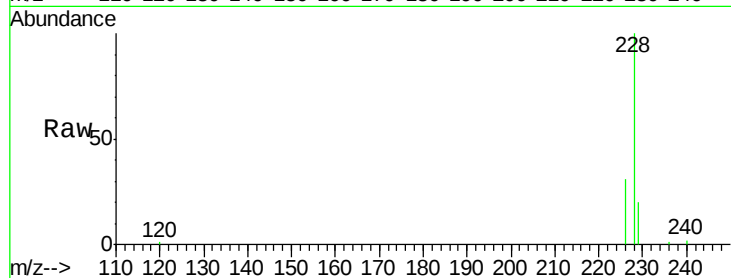
Tgt Ion:228 Resp: 32978

Ion Ratio Lower Upper

228 100

226 31.4 25.7 38.5

229 20.4 15.2 22.8



#23

Benzo(b)fluoranthene

Concen: 0.40 ng/ul

RT: 21.55 min Scan# 3049

Delta R.T. -0.00 min

Lab File: BE091308.D

Acq: 23 Nov 2015 20:13

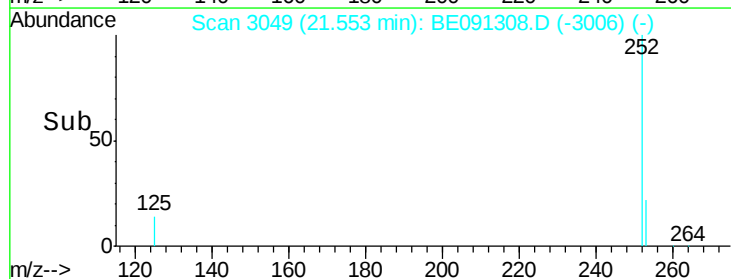
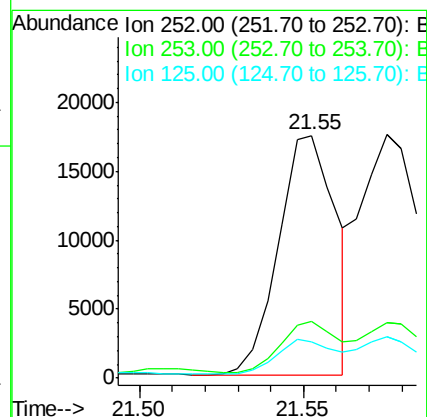
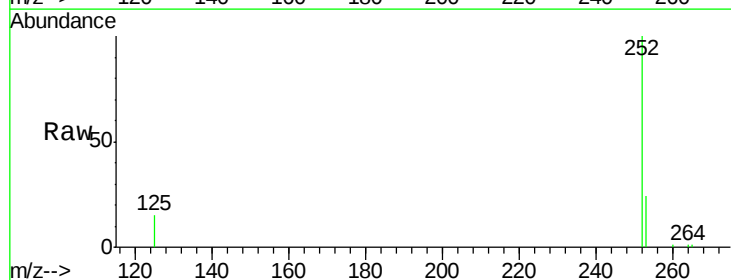
Tgt Ion:252 Resp: 21105

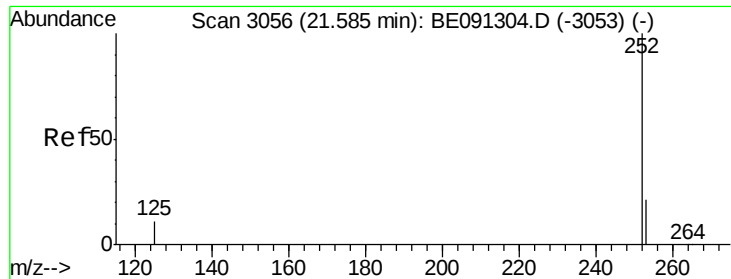
Ion Ratio Lower Upper

252 100

253 23.6 0.0 48.0

125 15.1 0.0 36.6





#24

Benzo(k)fluoranthene

Concen: 0.45 ng/ul

RT: 21.58 min Scan# 3054

Delta R.T. -0.01 min

Lab File: BE091308.D

Acq: 23 Nov 2015 20:13

Instrument :

BNA_E

ClientSampleId :

A4J70DL

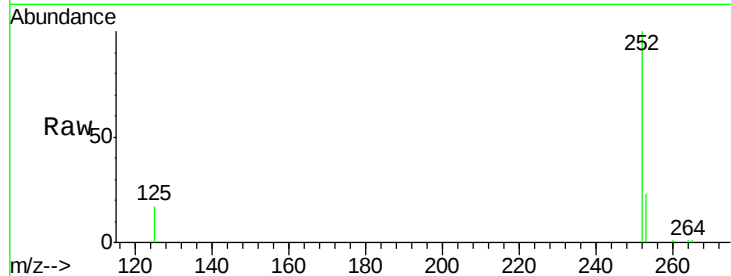
Tgt Ion:252 Resp: 24368

Ion Ratio Lower Upper

252 100

253 22.9 20.8 31.2

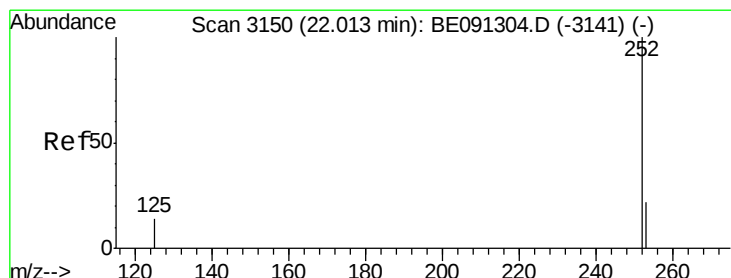
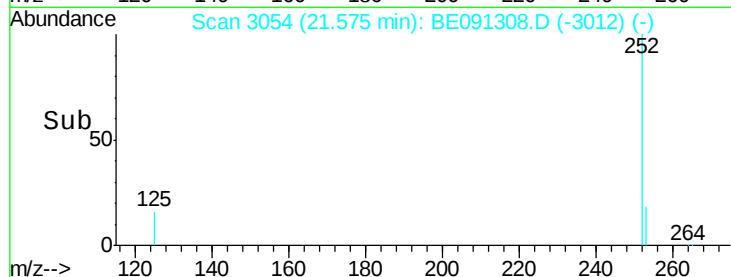
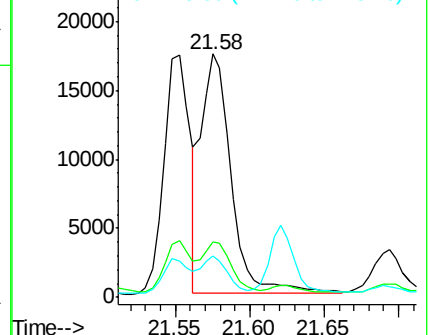
125 17.1 12.2 18.4



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: 0.51 ng/ul

RT: 22.01 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BE091308.D

Acq: 23 Nov 2015 20:13

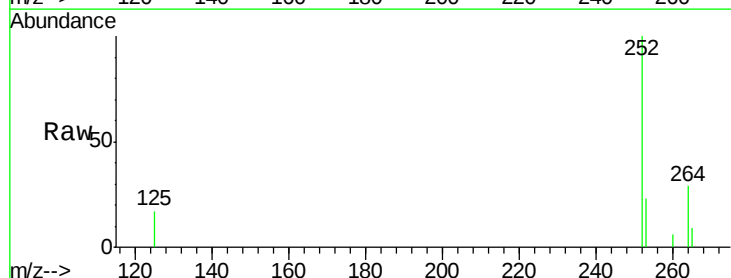
Tgt Ion:252 Resp: 24753

Ion Ratio Lower Upper

252 100

253 23.5 21.8 32.8

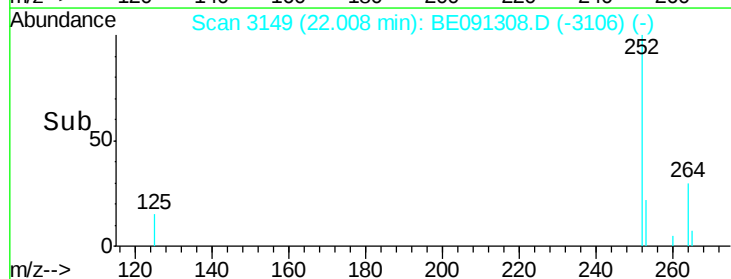
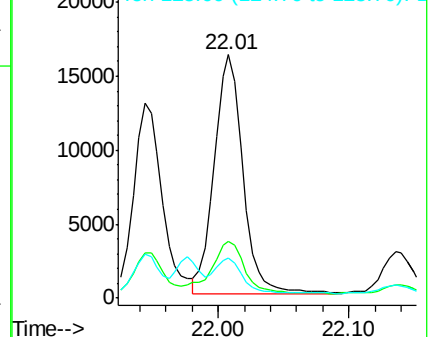
125 16.5 14.5 21.7

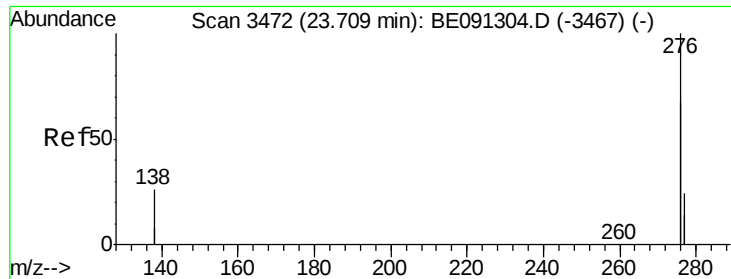


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.29 ng/ul

RT: 23.70 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BE091308.D

Acq: 23 Nov 2015 20:13

Instrument :

BNA_E

ClientSampleId :

A4J70DL

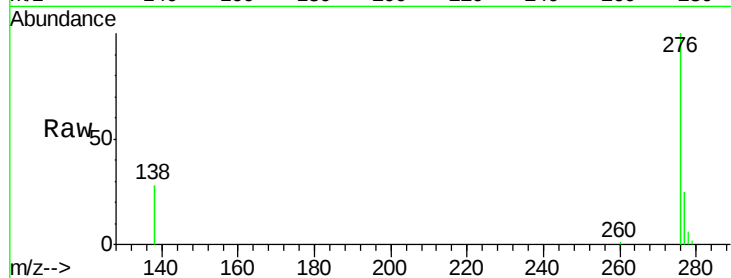
Tgt Ion:276 Resp: 59660

Ion Ratio Lower Upper

276 100

138 25.6 27.5 41.3#

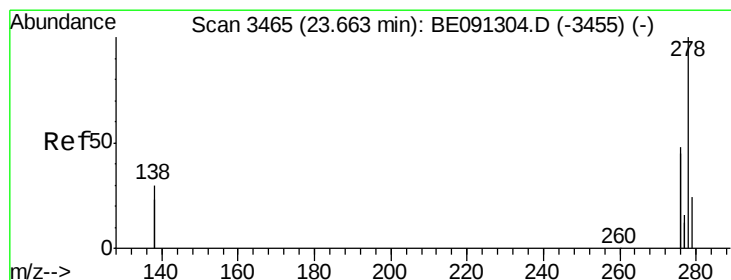
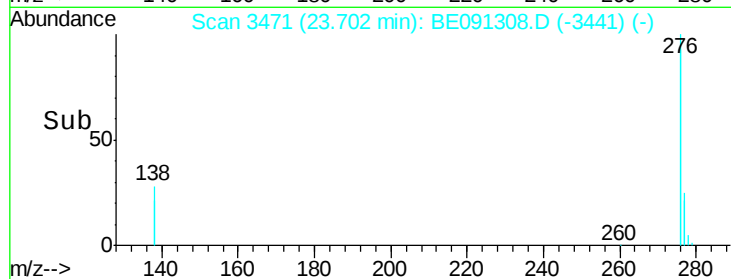
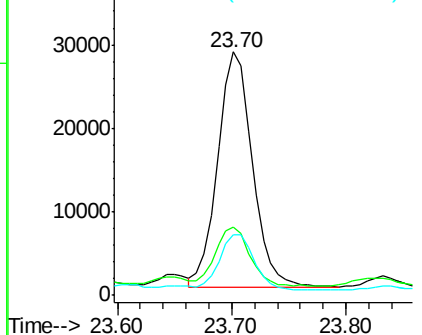
277 23.2 19.3 28.9



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: 0.12 ng/ul

RT: 23.65 min Scan# 3463

Delta R.T. -0.01 min

Lab File: BE091308.D

Acq: 23 Nov 2015 20:13

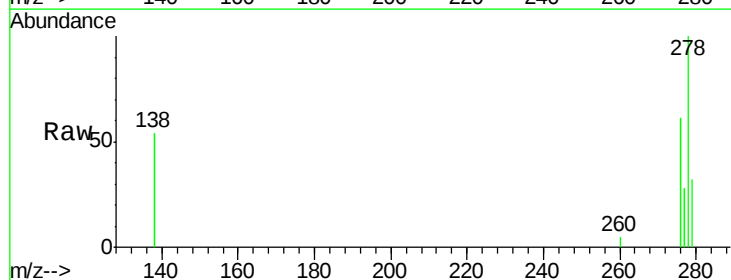
Tgt Ion:278 Resp: 5616

Ion Ratio Lower Upper

278 100

139 0.0 21.7 32.5#

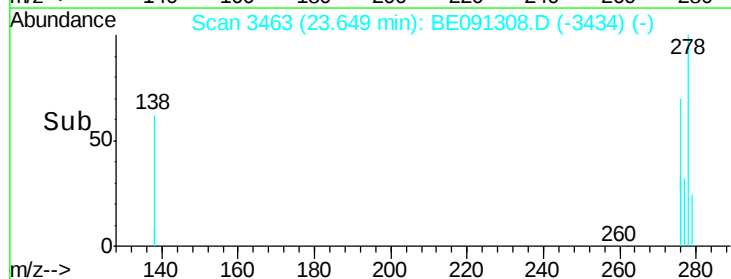
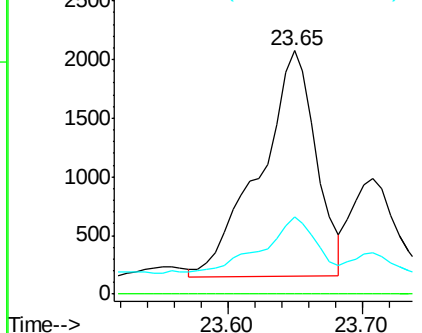
279 31.6 21.9 32.9

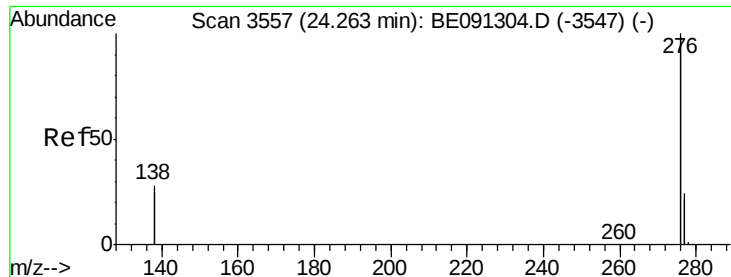


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#28

Benzo(g,h,i)perylene

Concen: 0.31 ng/ul

RT: 24.26 min Scan# 3556

Delta R.T. -0.01 min

Lab File: BE091308.D

Acq: 23 Nov 2015 20:13

Instrument :

BNA_E

ClientSampleId :

A4J70DL

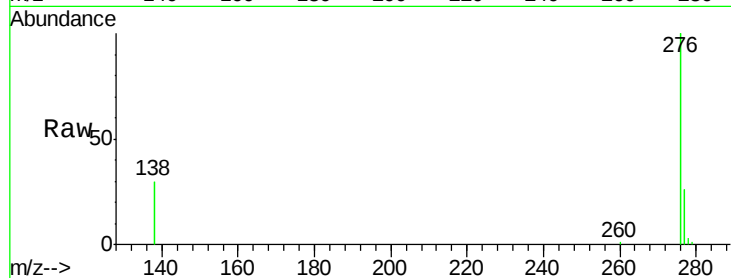
Tgt Ion: 276 Resp: 66507

Ion Ratio Lower Upper

276 100

277 25.8 21.3 31.9

138 30.2 25.5 38.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

