

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094623.D
 Acq On : 28 Oct 2017 15:17
 Operator : SJ/JU
 Sample : I5842-05DL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA5DL

Quant Time: Oct 30 02:58:29 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 02:53:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	2094	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	12028	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	6627	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	14419	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	14293	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	14731	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.28	152	990	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	2347	0.05	ng/ul	0.00

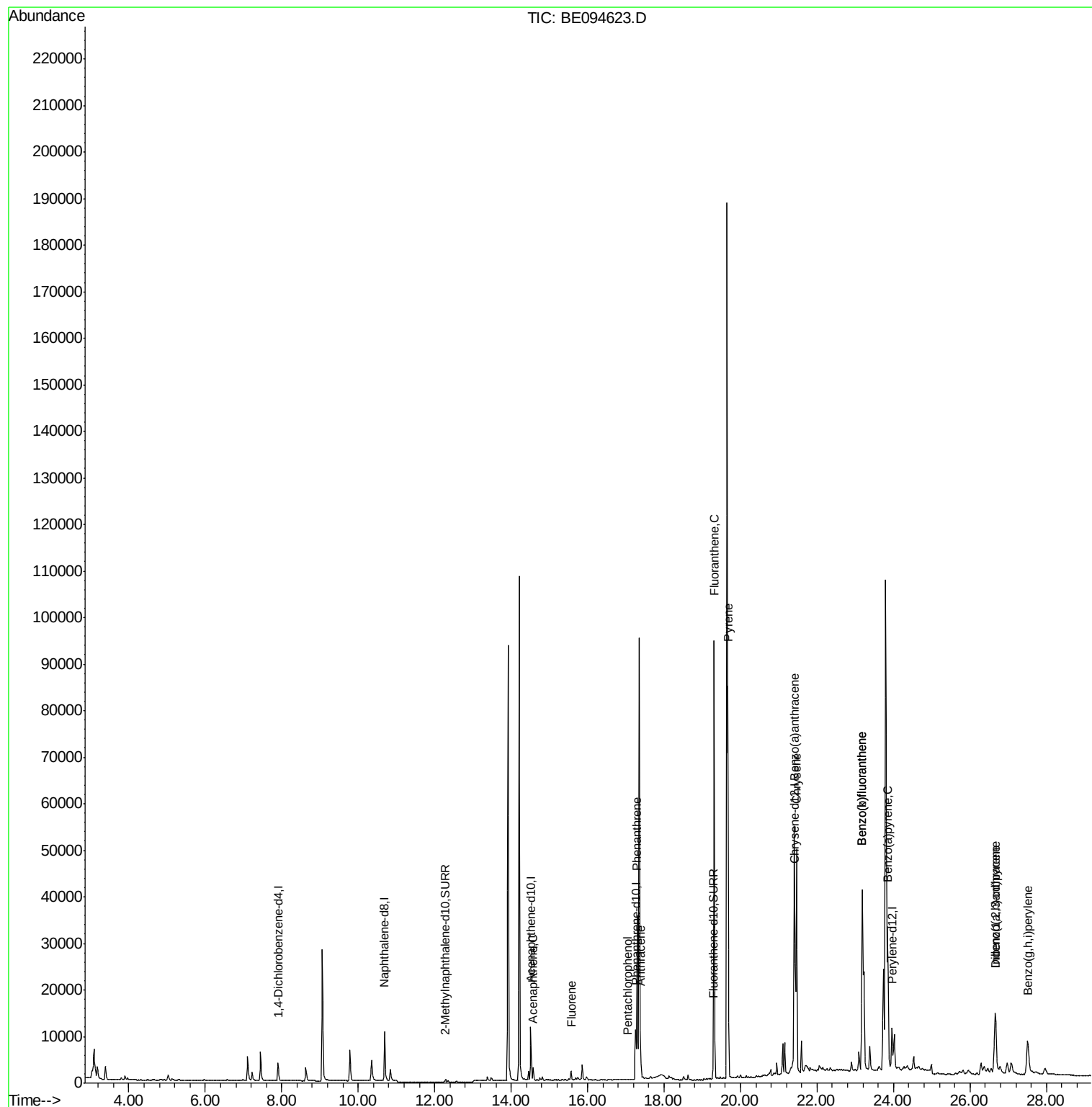
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Acenaphthene	14.58	153	1556	0.07	ng/ul	95
9) Fluorene	15.57	166	1323	0.05	ng/ul#	93
11) Pentachlorophenol	17.05	266	18	0.03	ng/ul#	42
12) Phenanthrene	17.29	178	38788	1.02	ng/ul#	89
13) Anthracene	17.38	178	5524	0.15	ng/ul#	92
15) Fluoranthene	19.31	202	109841	2.49	ng/ul	84
17) Pyrene	19.67	202	95807	2.17	ng/ul#	82
18) Benzo(a)anthracene	21.41	228	47713	1.17	ng/ul#	88
19) Chrysene	21.46	228	50902	1.21	ng/ul	99
21) Benzo(b)fluoranthene	23.18	252	97621	2.36	ng/ul	86
22) Benzo(k)fluoranthene	23.18	252	97621	2.20	ng/ul#	88
23) Benzo(a)pyrene	23.85	252	46980	1.13	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.67	276	28634	0.67	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.65	278	6703	0.19	ng/ul#	87
26) Benzo(g,h,i)perylene	27.51	276	21751	0.63	ng/ul	97

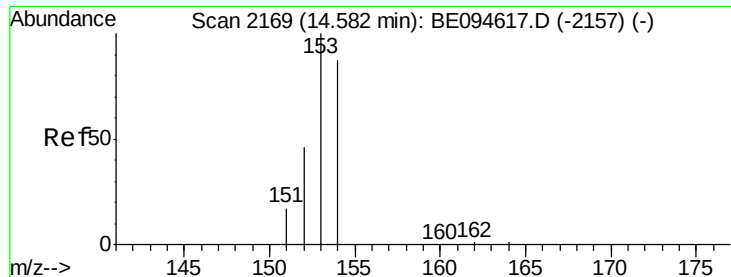
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094623.D
Acq On : 28 Oct 2017 15:17
Operator : SJ/JU
Sample : I5842-05DL
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA5DL

Quant Time: Oct 30 02:58:29 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 02:53:50 2017
Response via : Initial Calibration





#8

Acenaphthene

Concen: 0.07 ng/ul

RT: 14.58 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BE094623.D

Acq: 28 Oct 2017 15:17

Instrument :

BNA_E

ClientSampleId :

C0AA5DL

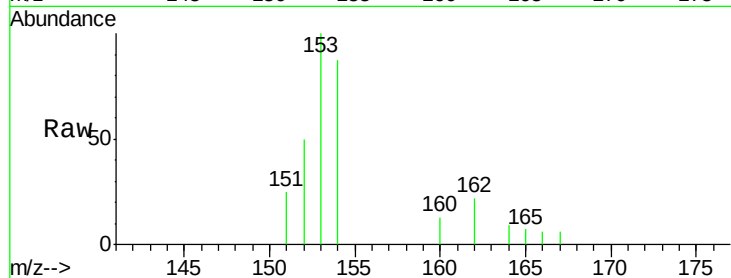
Tot Ion:153 Resp: 1556

Ion Ratio Lower Upper

153 100

152 50.1 36.0 54.0

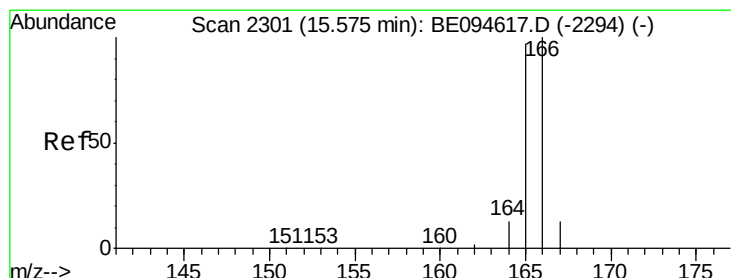
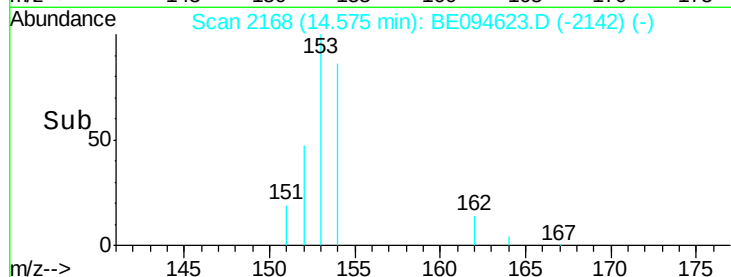
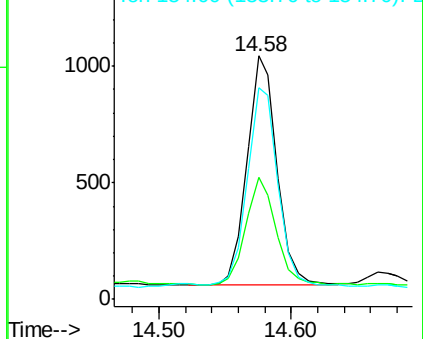
154 86.9 72.0 108.0



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: 0.05 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE094623.D

Acq: 28 Oct 2017 15:17

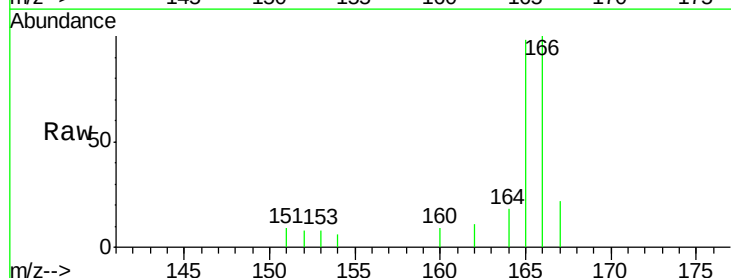
Tgt Ion:166 Resp: 1323

Ion Ratio Lower Upper

166 100

165 98.3 73.4 110.2

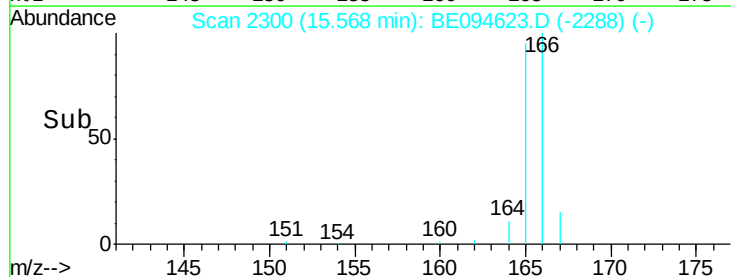
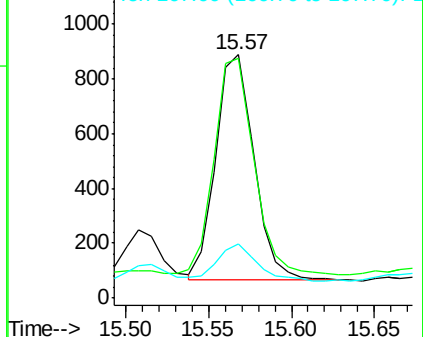
167 22.2 14.6 22.0#

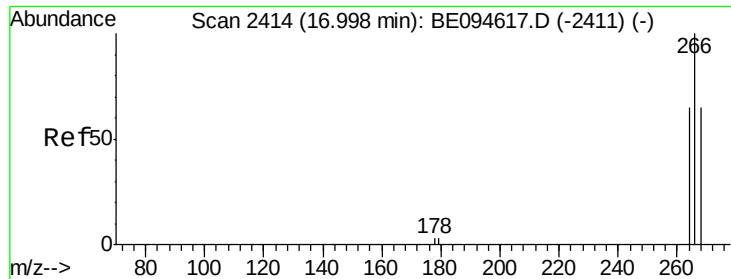


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

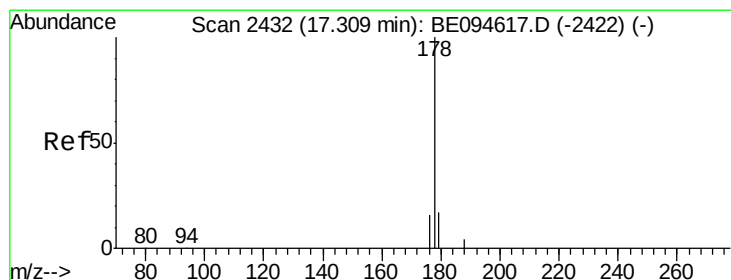
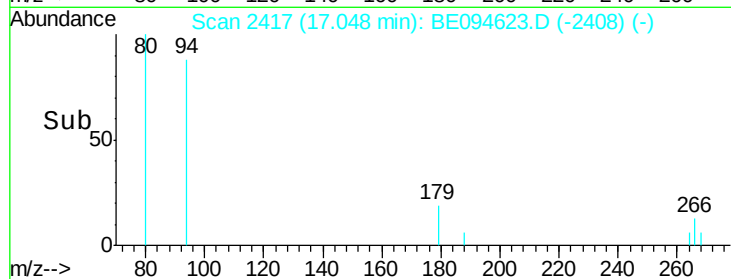
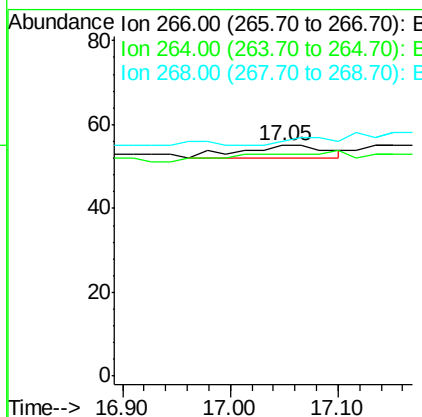
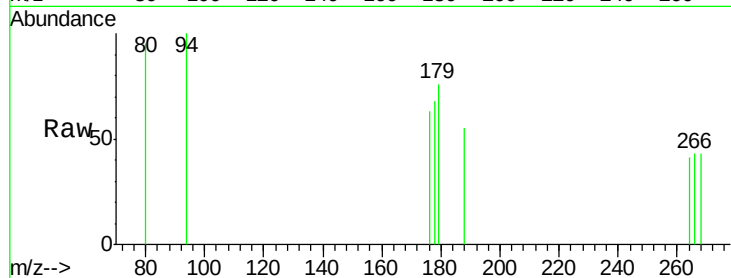




#11
 Pentachlorophenol
 Concen: 0.03 ng/ul
 RT: 17.05 min Scan# 2417
 Delta R.T. 0.05 min
 Lab File: BE094623.D
 Acq: 28 Oct 2017 15:17

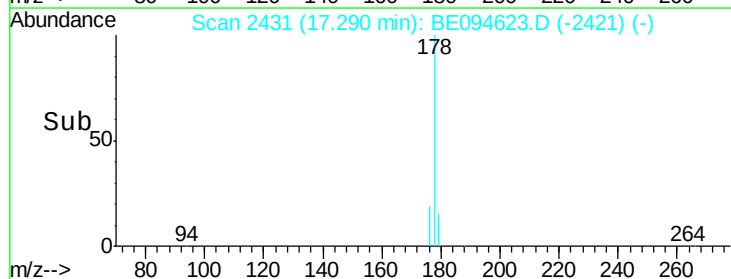
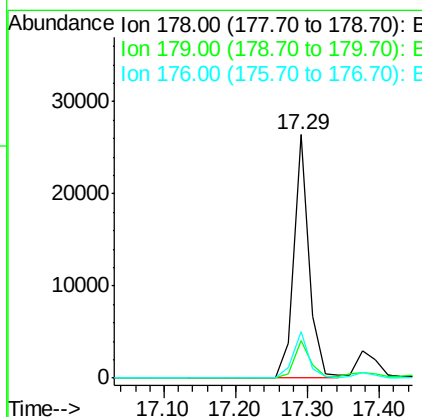
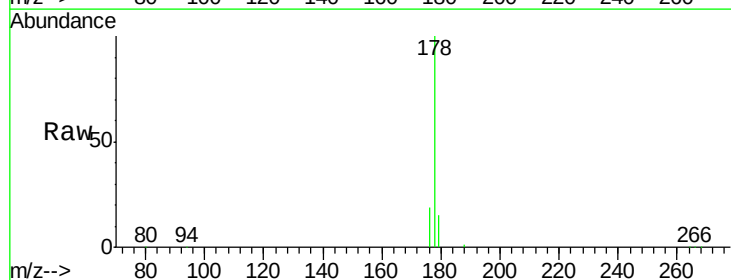
Instrument :
 BNA_E
 ClientSampleId :
 C0AA5DL

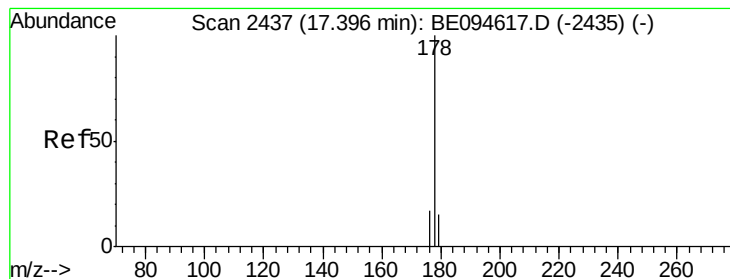
Tot Ion:266 Resp: 18
 Ion Ratio Lower Upper
 266 100
 264 0.0 47.9 71.9#
 268 33.3 49.8 74.8#



#12
 Phenanthrene
 Concen: 1.02 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094623.D
 Acq: 28 Oct 2017 15:17

Tgt Ion:178 Resp: 38788
 Ion Ratio Lower Upper
 178 100
 179 15.2 18.4 27.6#
 176 18.9 13.6 20.4





#13

Anthracene

Concen: 0.15 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094623.D

Acq: 28 Oct 2017 15:17

Instrument :

BNA_E

ClientSampleId :

C0AA5DL

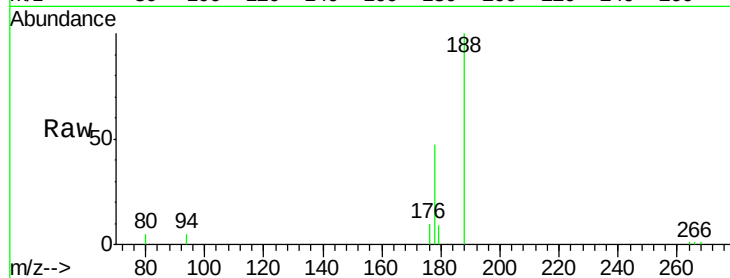
Tot Ion:178 Resp: 5524

Ion Ratio Lower Upper

178 100

179 19.3 18.1 27.1

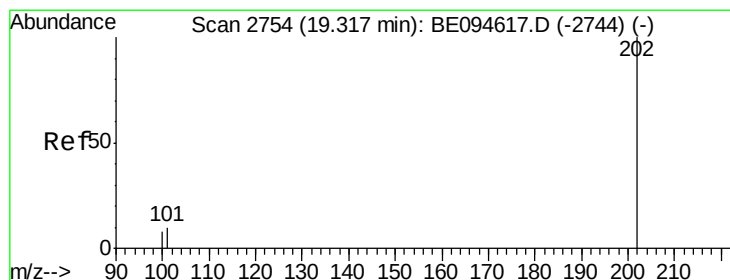
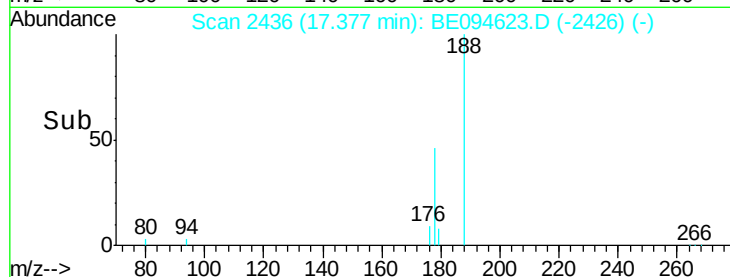
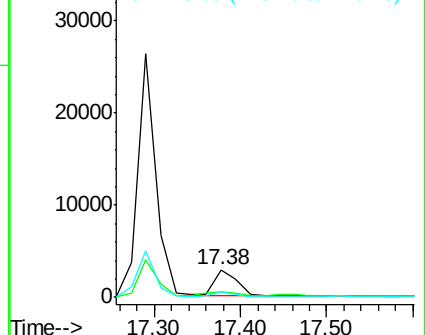
176 22.1 14.7 22.1#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 2.49 ng/ul

RT: 19.31 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BE094623.D

Acq: 28 Oct 2017 15:17

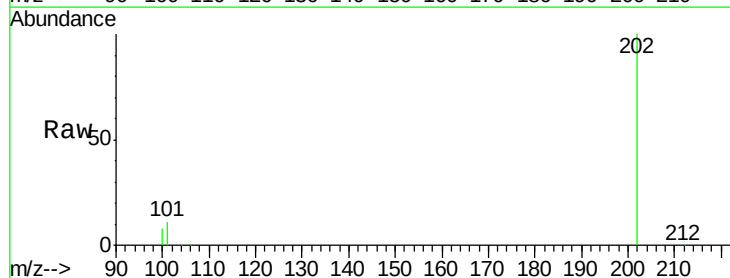
Tgt Ion:202 Resp: 109841

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.3

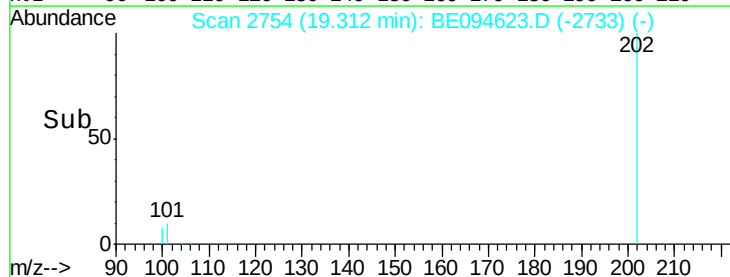
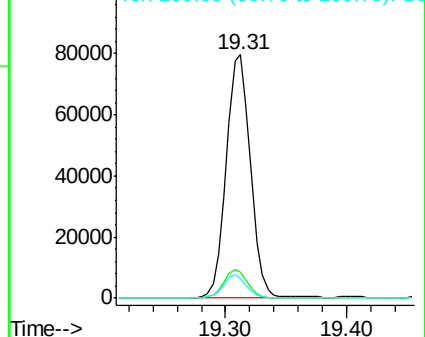
100 8.3 0.0 39.5

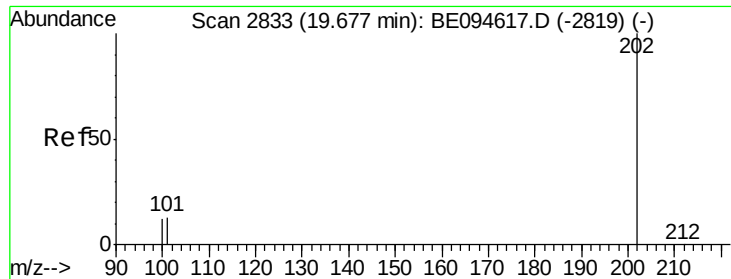


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 2.17 ng/ul

RT: 19.67 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BE094623.D

Acq: 28 Oct 2017 15:17

Instrument :

BNA_E

ClientSampleId :

C0AA5DL

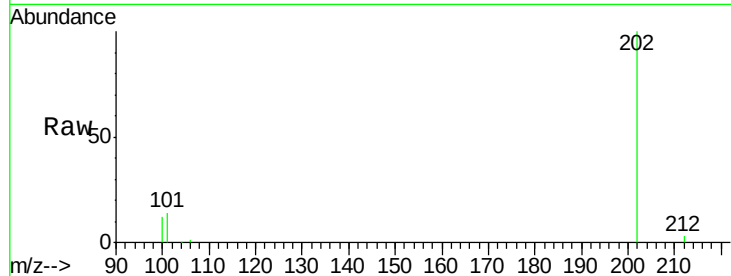
Tot Ion:202 Resp: 95807

Ion Ratio Lower Upper

202 100

101 13.7 18.2 27.4#

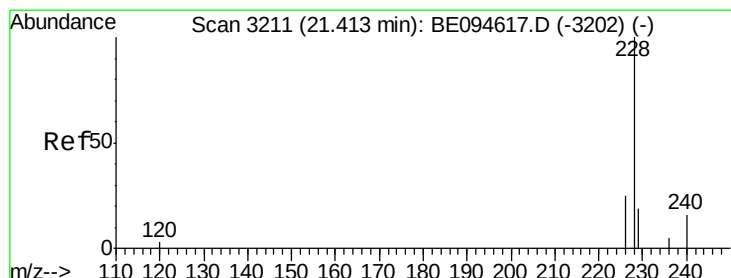
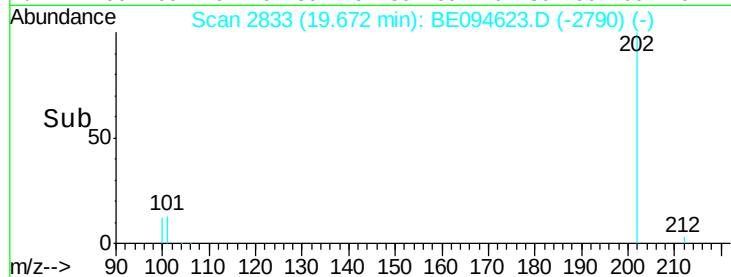
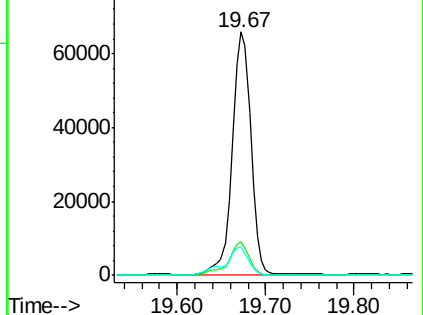
100 11.9 15.6 23.4#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#18

Benzo(a)anthracene

Concen: 1.17 ng/ul

RT: 21.41 min Scan# 3211

Delta R.T. -0.00 min

Lab File: BE094623.D

Acq: 28 Oct 2017 15:17

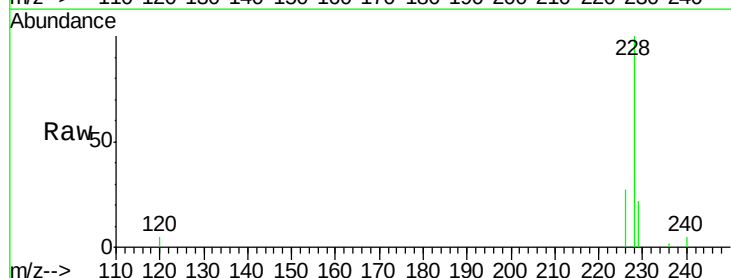
Tgt Ion:228 Resp: 47713

Ion Ratio Lower Upper

228 100

229 22.1 22.8 34.2#

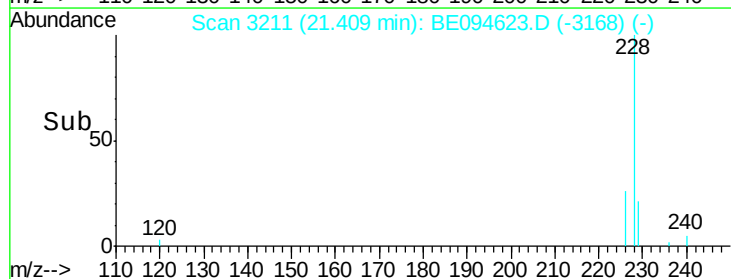
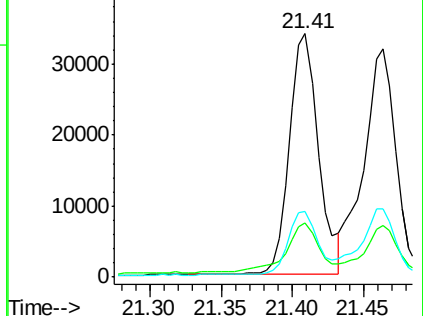
226 26.8 17.0 25.6#

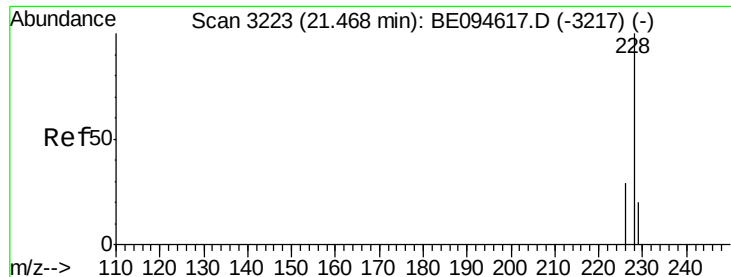


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 1.21 ng/ul

RT: 21.46 min Scan# 3223

Delta R.T. -0.00 min

Lab File: BE094623.D

Acq: 28 Oct 2017 15:17

Instrument :

BNA_E

ClientSampleId :

C0AA5DL

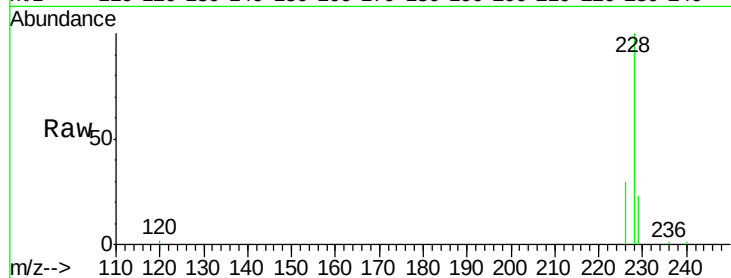
Tot Ion:228 Resp: 50902

Ion Ratio Lower Upper

228 100

226 30.1 23.4 35.0

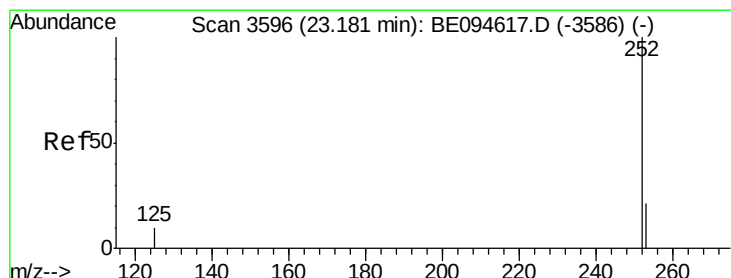
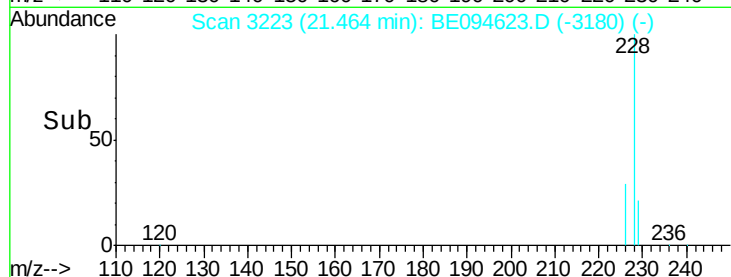
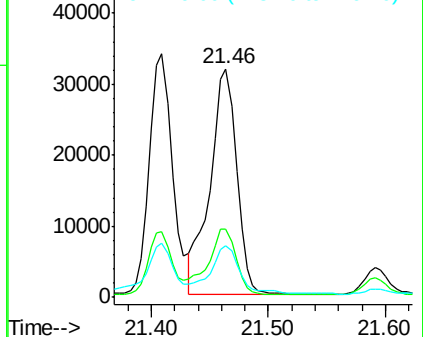
229 22.6 17.7 26.5



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: 2.36 ng/ul

RT: 23.18 min Scan# 3597

Delta R.T. 0.00 min

Lab File: BE094623.D

Acq: 28 Oct 2017 15:17

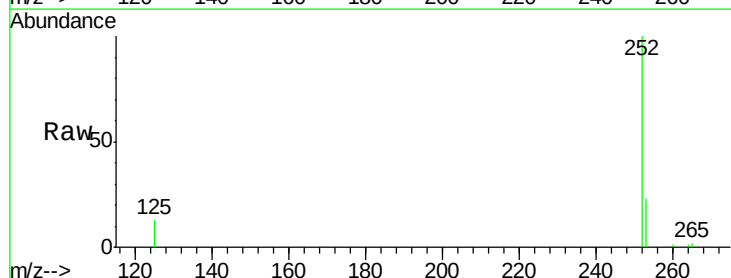
Tgt Ion:252 Resp: 97621

Ion Ratio Lower Upper

252 100

253 23.2 0.0 64.2

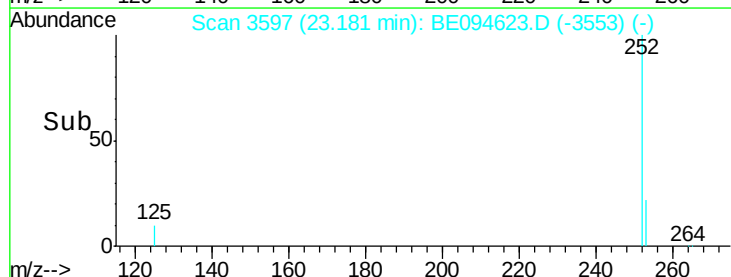
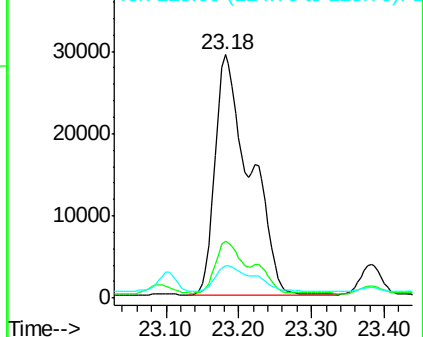
125 13.1 0.0 35.0

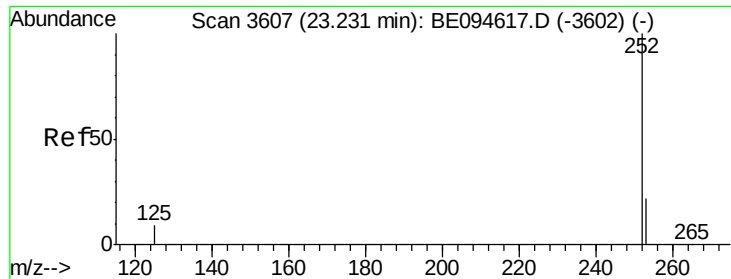


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 2.20 ng/ul

RT: 23.18 min Scan# 3597

Delta R.T. -0.05 min

Lab File: BE094623.D

Acq: 28 Oct 2017 15:17

Instrument :

BNA_E

ClientSampleId :

C0AA5DL

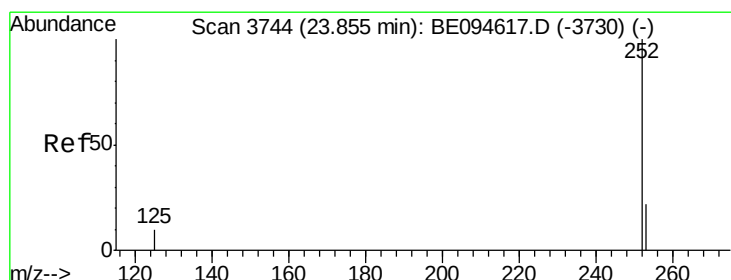
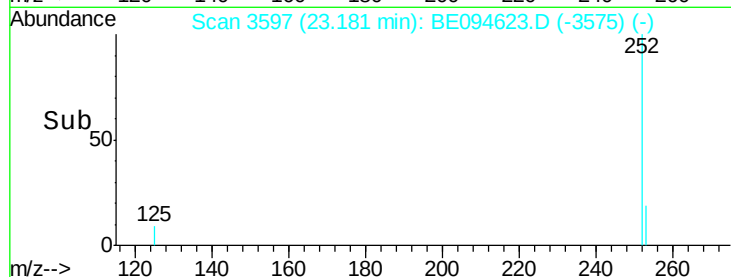
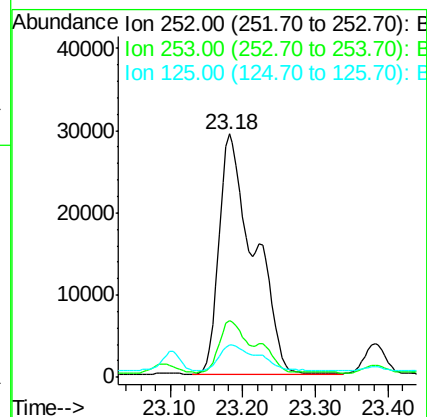
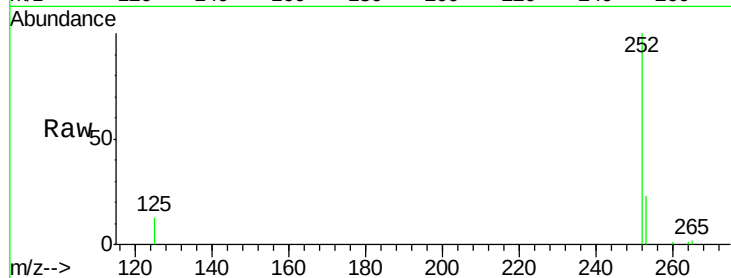
Tot Ion:252 Resp: 97621

Ion Ratio Lower Upper

252 100

253 23.2 24.5 36.7#

125 13.1 13.7 20.5#



#23

Benzo(a)pyrene

Concen: 1.13 ng/ul

RT: 23.85 min Scan# 3743

Delta R.T. -0.01 min

Lab File: BE094623.D

Acq: 28 Oct 2017 15:17

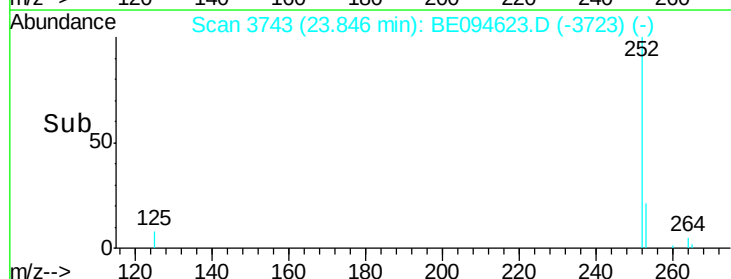
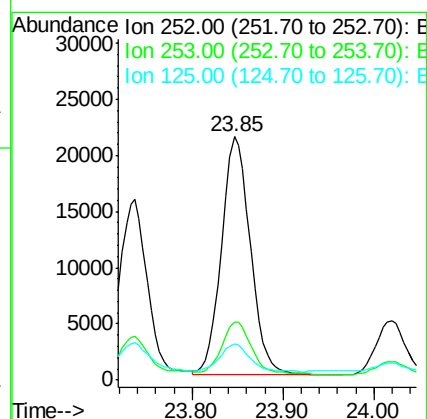
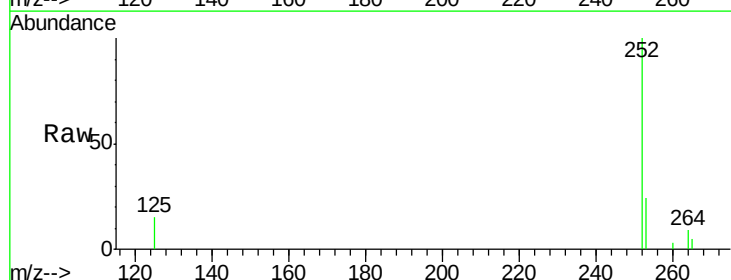
Tgt Ion:252 Resp: 46980

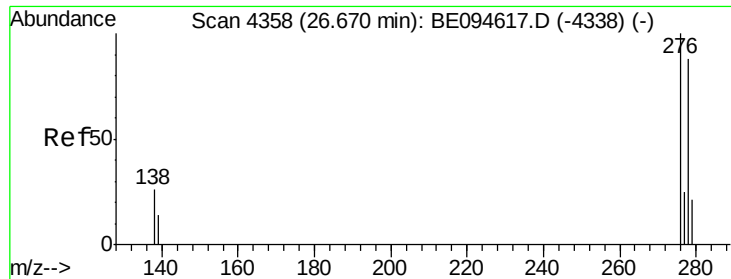
Ion Ratio Lower Upper

252 100

253 24.0 28.5 42.7#

125 14.7 18.1 27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.67 ng/ul

RT: 26.67 min Scan# 4359

Delta R.T. -0.00 min

Lab File: BE094623.D

Acq: 28 Oct 2017 15:17

Instrument :

BNA_E

ClientSampleId :

C0AA5DL

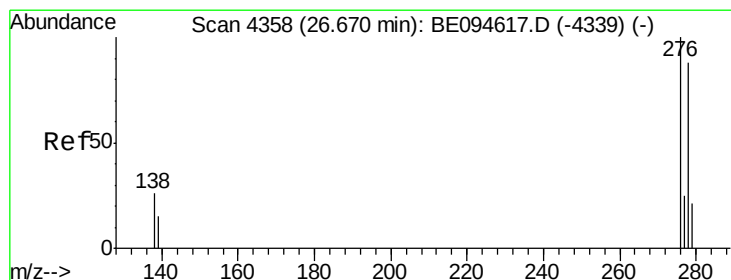
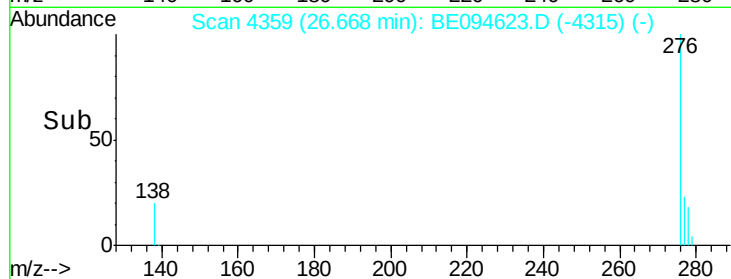
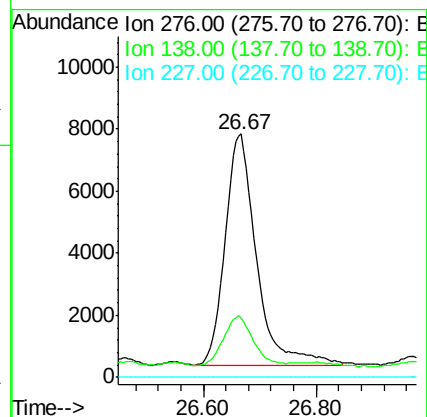
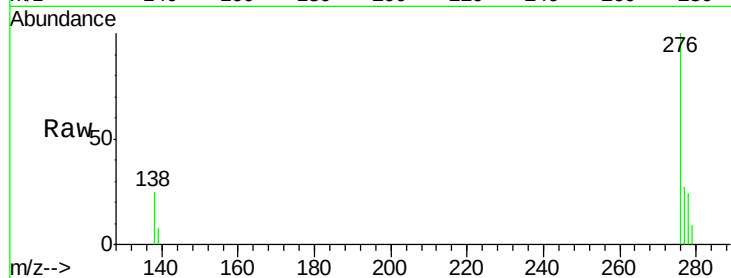
Tot Ion:276 Resp: 28634

Ion Ratio Lower Upper

276 100

138 20.0 28.0 42.0#

227 0.0 8.0 12.0#



#25

Dibenzo(a,h)anthracene

Concen: 0.19 ng/ul

RT: 26.65 min Scan# 4356

Delta R.T. -0.02 min

Lab File: BE094623.D

Acq: 28 Oct 2017 15:17

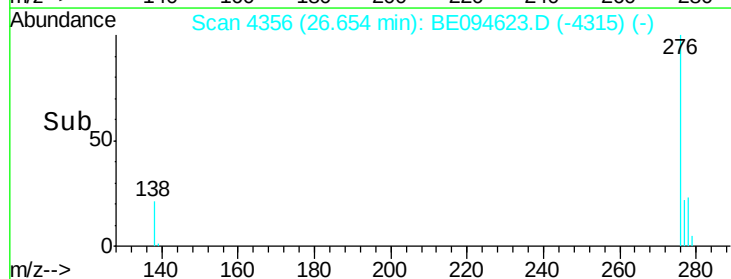
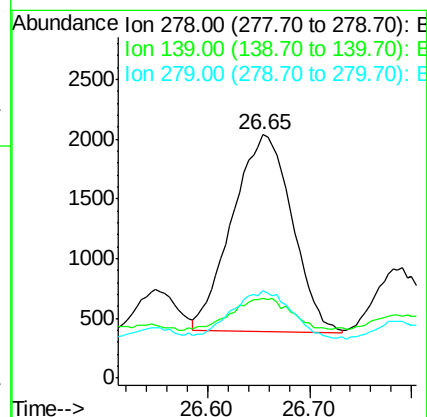
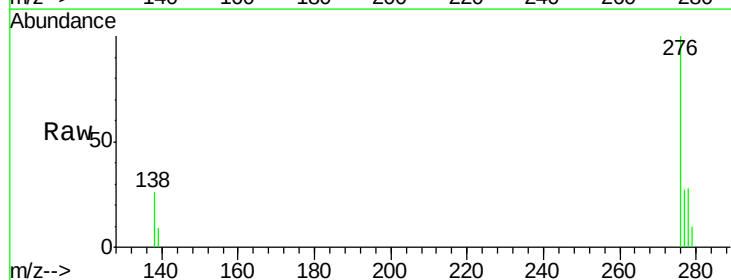
Tgt Ion:278 Resp: 6703

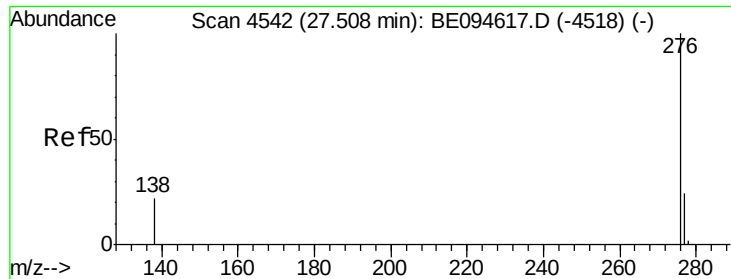
Ion Ratio Lower Upper

278 100

139 32.7 17.4 26.0#

279 36.1 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 0.63 ng/ul

RT: 27.51 min Scan# 4543

Delta R.T. -0.00 min

Lab File: BE094623.D

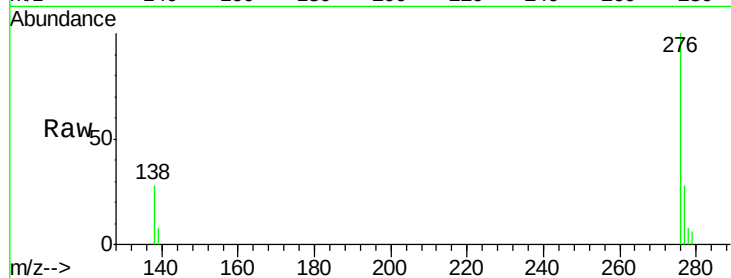
Acq: 28 Oct 2017 15:17

Instrument :

BNA_E

ClientSampleId :

C0AA5DL



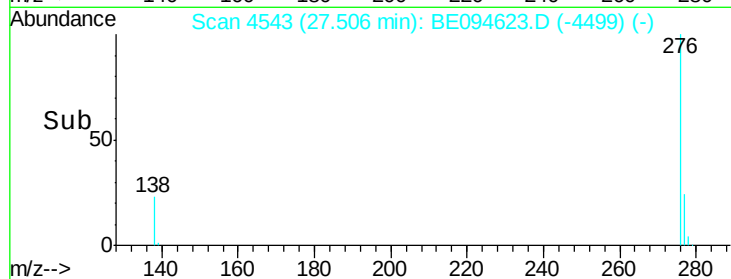
Tot Ion: 276 Resp: 21751

Ion Ratio Lower Upper

276 100

138 28.0 21.8 32.8

277 28.4 20.5 30.7



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

