

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094384.D
 Acq On : 15 Oct 2017 8:54
 Operator : SJ/JU
 Sample : I5548-07DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 16 05:11:16 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 05:09:03 2017
 Response via : Initial Calibration

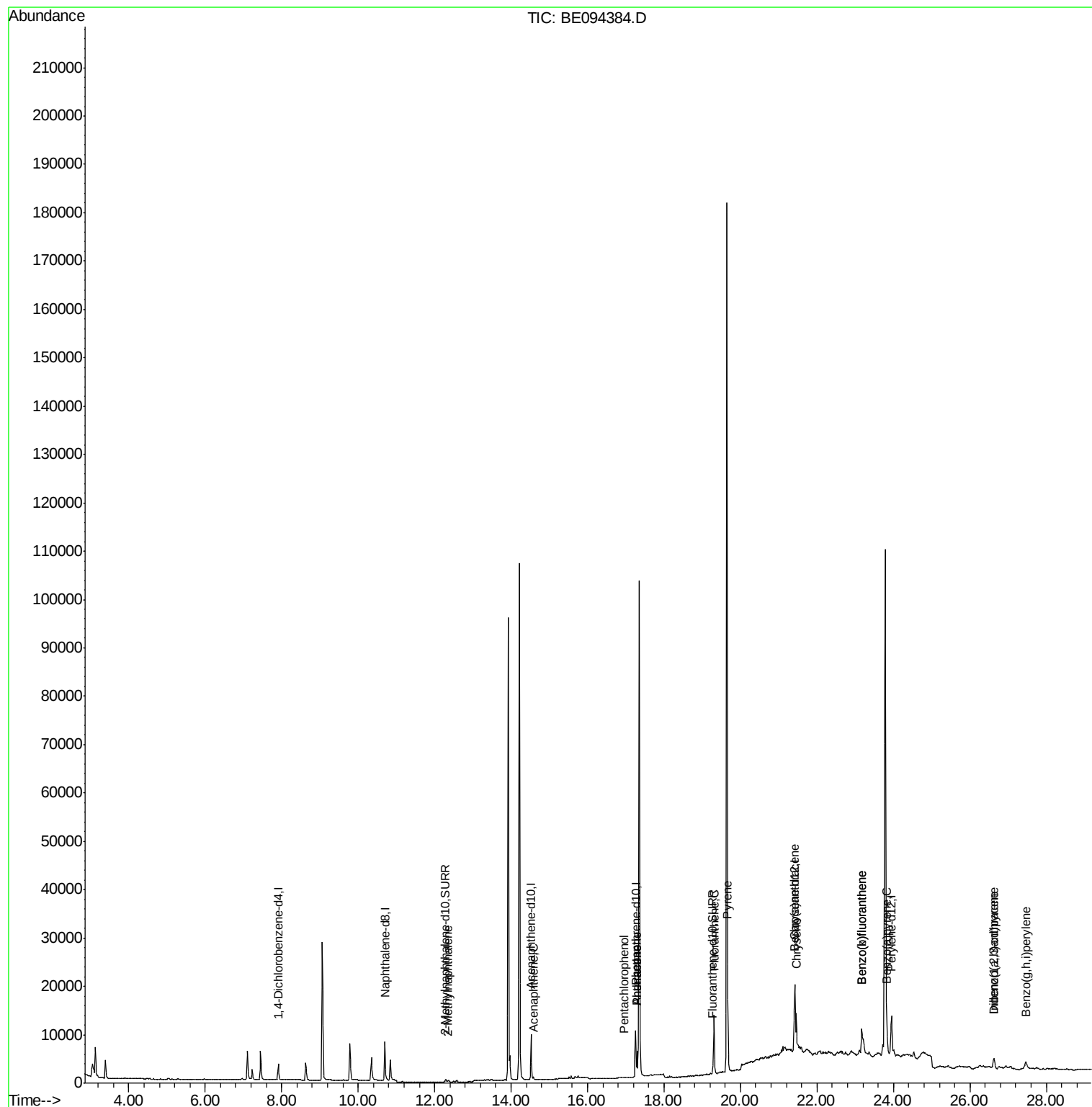
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1663	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	8936	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5426	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	12623	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	12621	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	12468	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	884	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	2332	0.06	ng/ul	0.00
Target Compounds				Ovalue		
5) 2-Methylnaphthalene	12.36	142	300	0.021	ng/ul	91
8) Acenaphthene	14.58	153	358	0.021	ng/ul#	92
11) Pentachlorophenol	16.96	266	39	0.026	ng/ul#	20
12) Phenanthrene	17.29	178	6372	0.193	ng/ul#	92
13) Anthracene	17.29	178	6139	0.191	ng/ul	94
15) Fluoranthene	19.31	202	13911	0.321	ng/ul	83
17) Pyrene	19.67	202	12057	0.343	ng/ul#	83
18) Benzo(a)anthracene	21.40	228	6520	0.195	ng/ul#	68
19) Chrysene	21.46	228	8226	0.213	ng/ul#	49
21) Benzo(b)fluoranthene	23.17	252	13488	0.398	ng/ul#	64
22) Benzo(k)fluoranthene	23.17	252	13430	0.343	ng/ul#	61
23) Benzo(a)pyrene	23.83	252	6101	0.173	ng/ul#	64
24) Indeno(1,2,3-cd)pyrene	26.63	276	4152	0.115	ng/ul#	78
25) Dibenzo(a,h)anthracene	26.63	278	1097	0.036	ng/ul#	1
26) Benzo(g,h,i)perylene	27.46	276	3700	0.119	ng/ul#	48

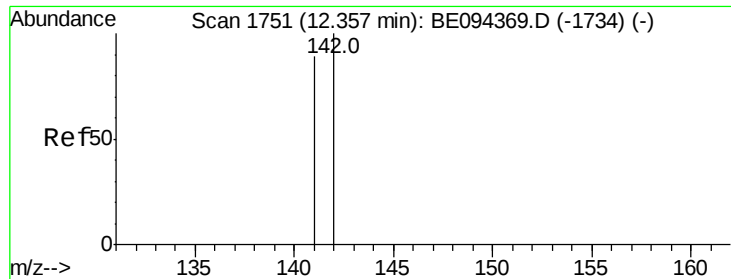
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

2-Methylnaphthalene

Concen: 0.021 ng/ul

RT: 12.36 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BE094384.D

Acq: 15 Oct 2017 8:54

Instrument :

BNA_E

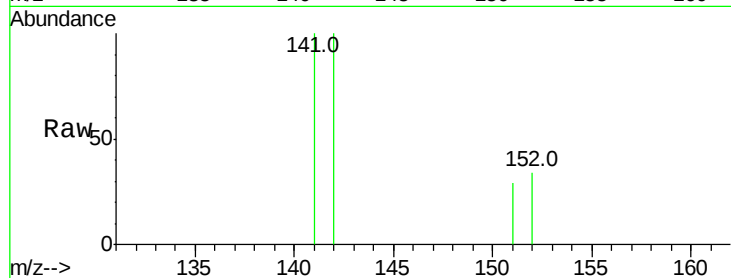
ClientSampled :

Tot Ion:142 Resp: 300

Ion Ratio Lower Upper

142 100

141 82.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.36

200

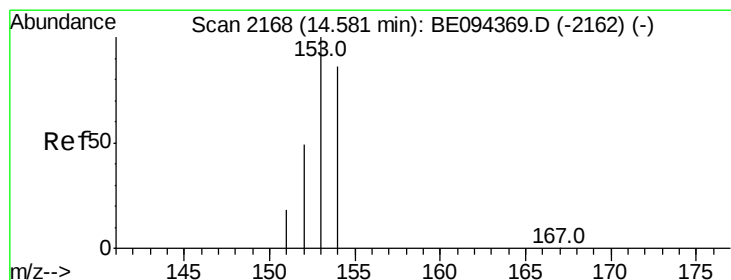
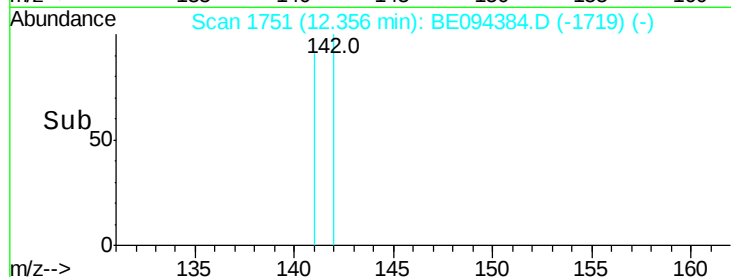
150

100

50

0

Time-->



#8

Acenaphthene

Concen: 0.021 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BE094384.D

Acq: 15 Oct 2017 8:54

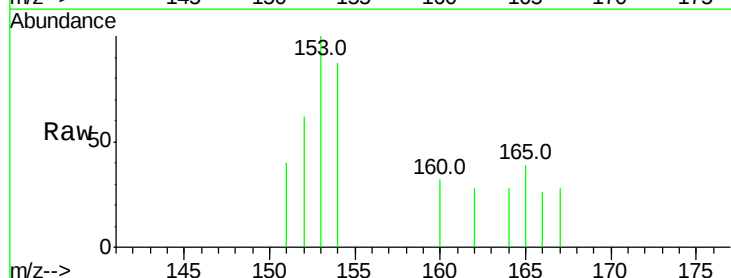
Tgt Ion:153 Resp: 358

Ion Ratio Lower Upper

153 100

152 61.8 40.3 60.5#

154 86.8 71.4 107.2



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

14.58

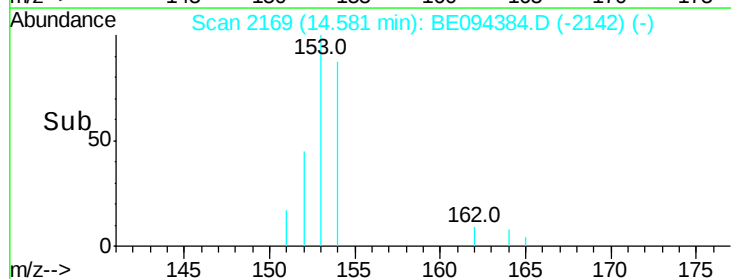
300

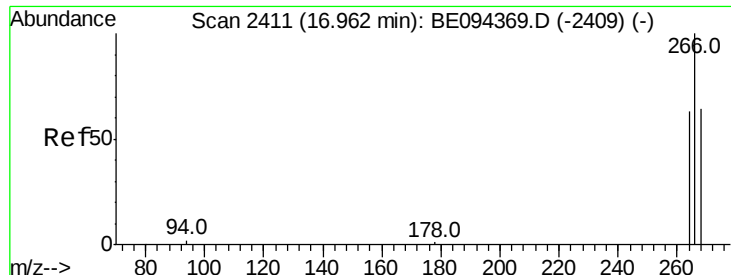
200

100

0

Time-->

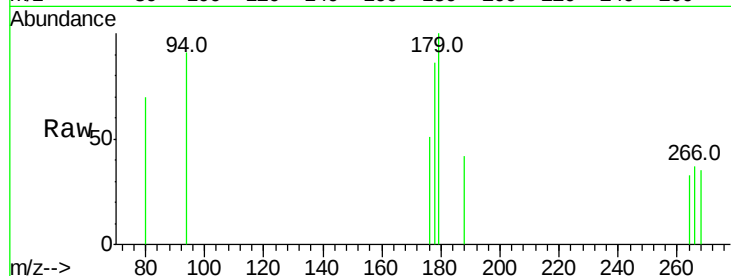




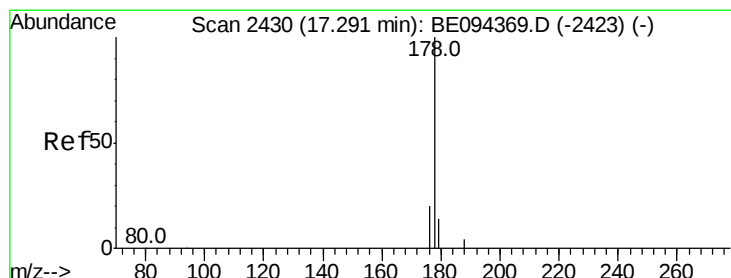
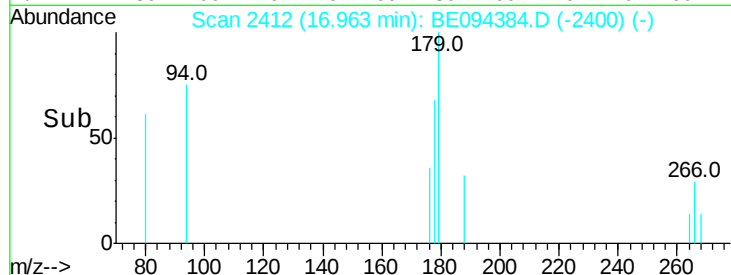
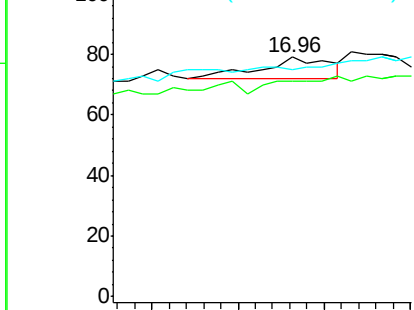
#11
 Pentachlorophenol
 Concen: 0.026 ng/ul
 RT: 16.96 min Scan# 2412
 Delta R.T. 0.00 min
 Lab File: BE094384.D
 Acq: 15 Oct 2017 8:54

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 39
 Ion Ratio Lower Upper
 266 100
 264 0.0 47.9 71.9#
 268 0.0 49.8 74.8#

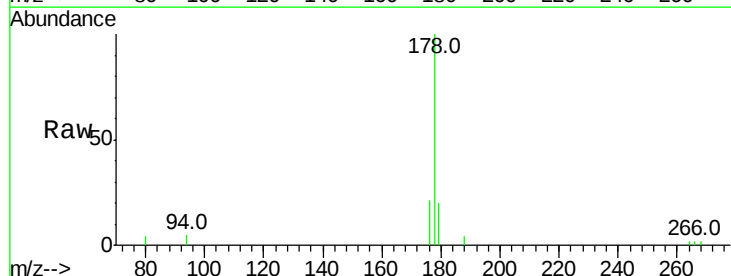


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

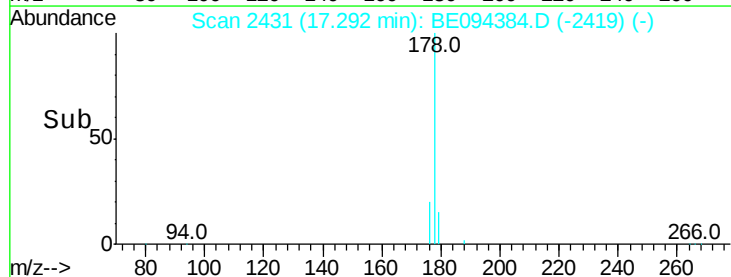
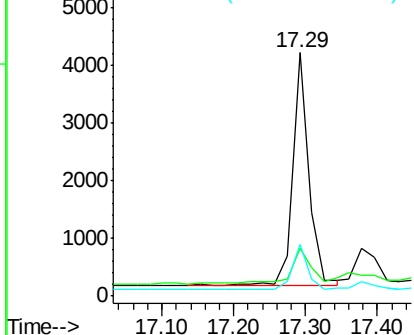


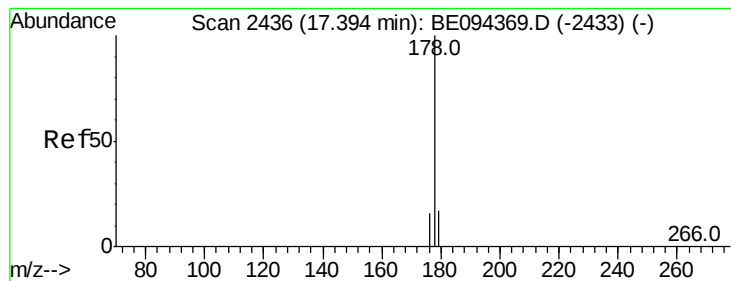
#12
 Phenanthrene
 Concen: 0.193 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. 0.00 min
 Lab File: BE094384.D
 Acq: 15 Oct 2017 8:54

Tgt Ion:178 Resp: 6372
 Ion Ratio Lower Upper
 178 100
 179 19.7 18.4 27.6
 176 21.4 13.6 20.4#



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





#13

Anthracene

Concen: 0.191 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.10 min

Lab File: BE094384.D

Acq: 15 Oct 2017 8:54

Instrument :

BNA_E

ClientSampleId :

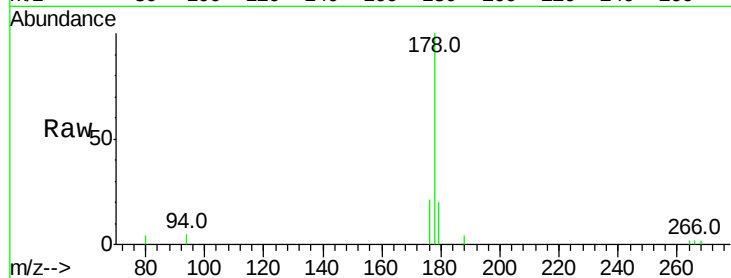
Tot Ion:178 Resp: 6139

Ion Ratio Lower Upper

178 100

179 19.7 18.1 27.1

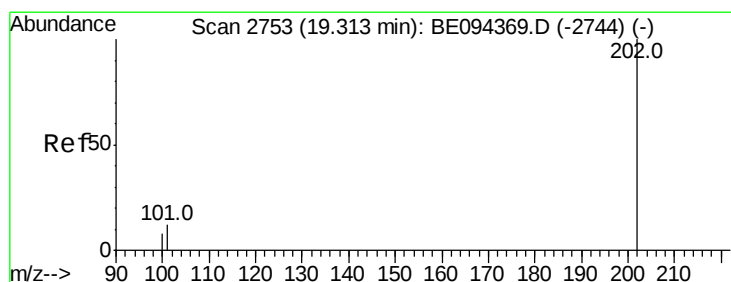
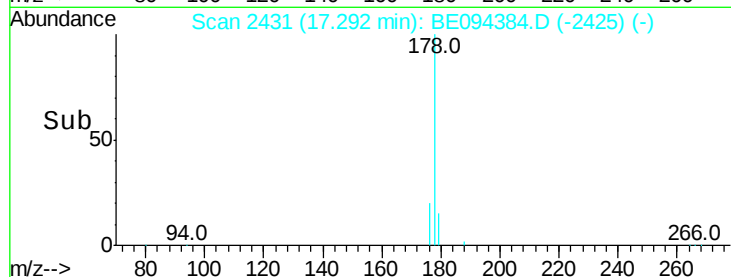
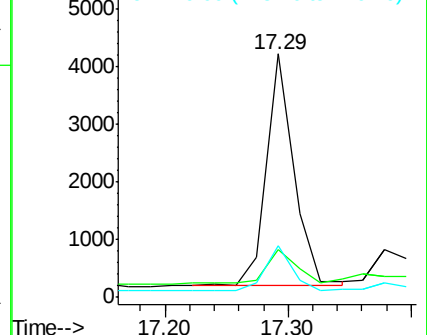
176 21.4 14.7 22.1



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: 0.321 ng/ul

RT: 19.31 min Scan# 2753

Delta R.T. -0.00 min

Lab File: BE094384.D

Acq: 15 Oct 2017 8:54

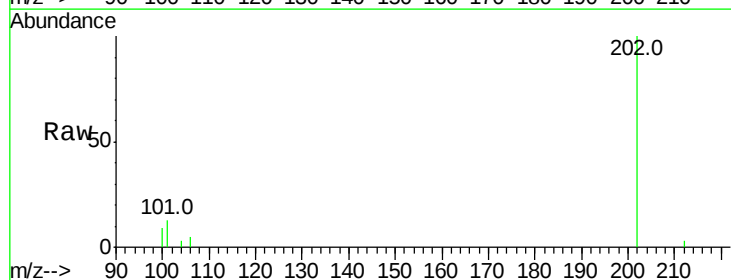
Tgt Ion:202 Resp: 13911

Ion Ratio Lower Upper

202 100

101 12.6 0.0 30.3

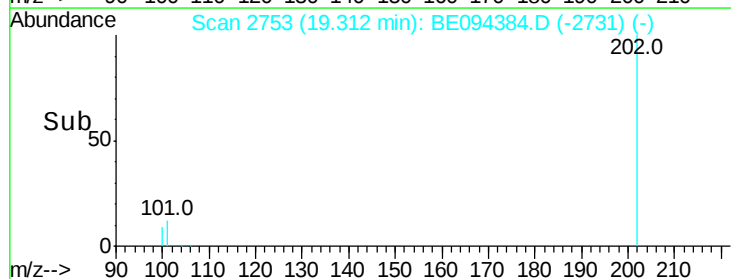
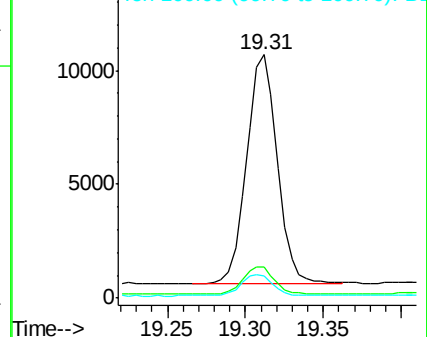
100 9.2 0.0 39.5

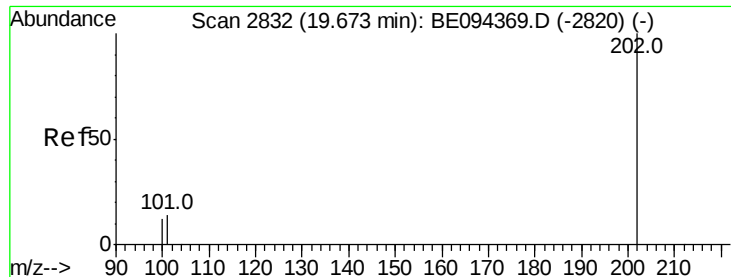


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 0.343 ng/ul

RT: 19.67 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BE094384.D

Acq: 15 Oct 2017 8:54

Instrument :

BNA_E

ClientSampleId :

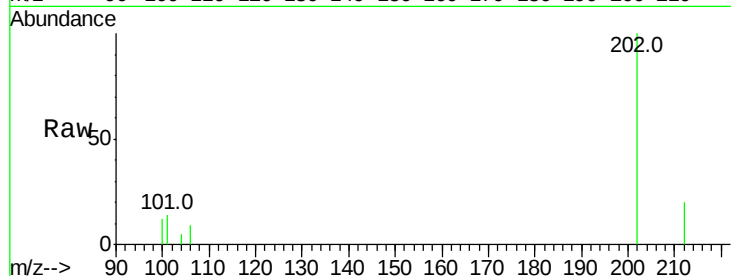
Tot Ion:202 Resp: 12057

Ion Ratio Lower Upper

202 100

101 14.2 18.2 27.4#

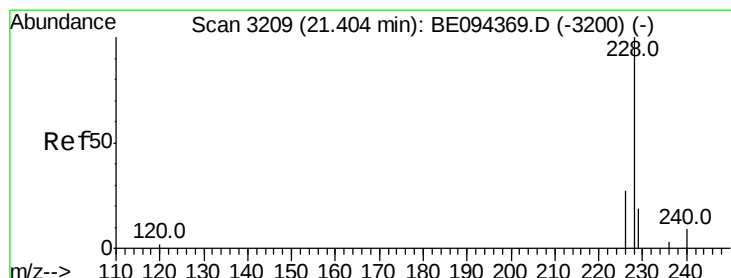
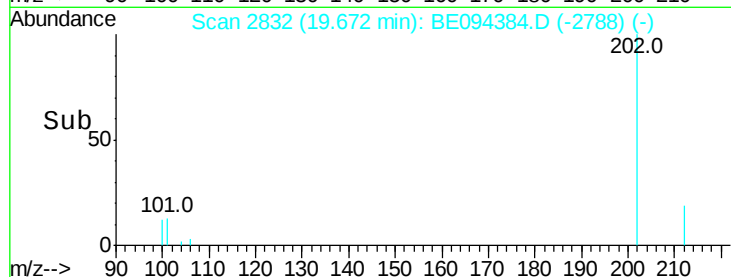
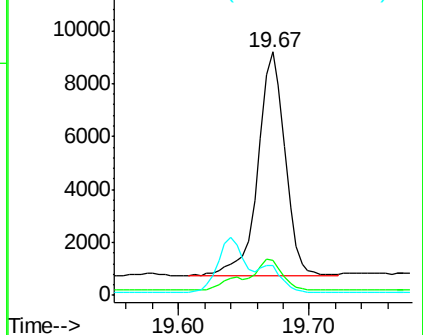
100 12.1 15.6 23.4#



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: 0.195 ng/ul

RT: 21.40 min Scan# 3209

Delta R.T. -0.00 min

Lab File: BE094384.D

Acq: 15 Oct 2017 8:54

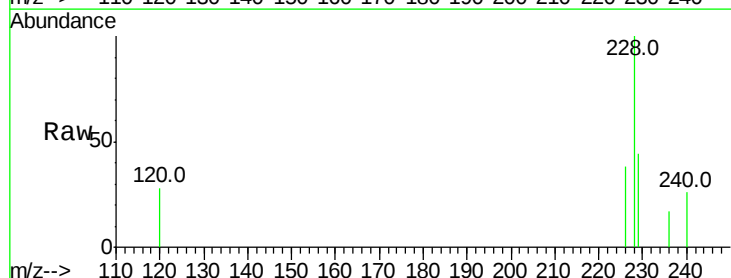
Tgt Ion:228 Resp: 6520

Ion Ratio Lower Upper

228 100

229 43.8 22.8 34.2#

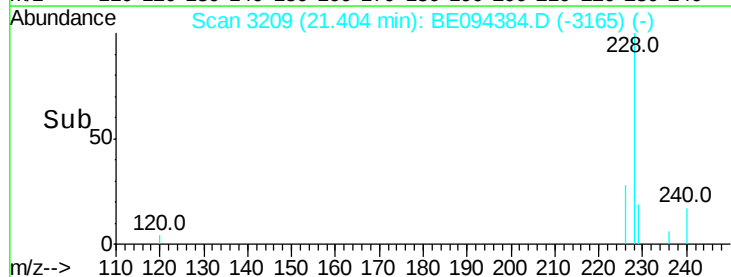
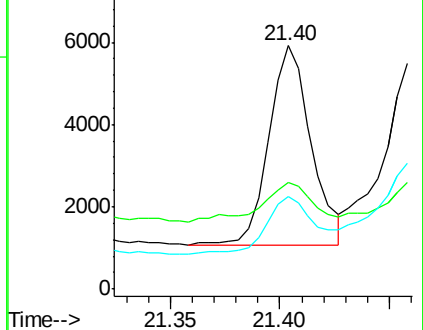
226 38.2 17.0 25.6#

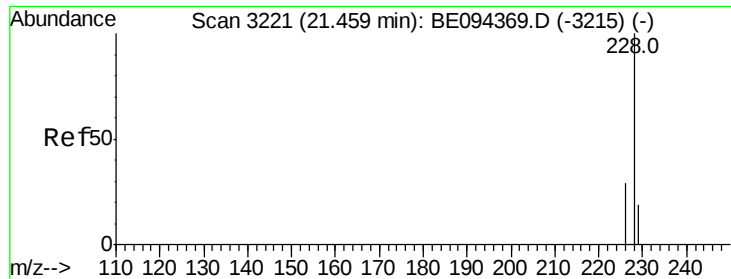


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.213 ng/ul

RT: 21.46 min Scan# 3221

Delta R.T. -0.00 min

Lab File: BE094384.D

Acq: 15 Oct 2017 8:54

Instrument :

BNA_E

ClientSampleId :

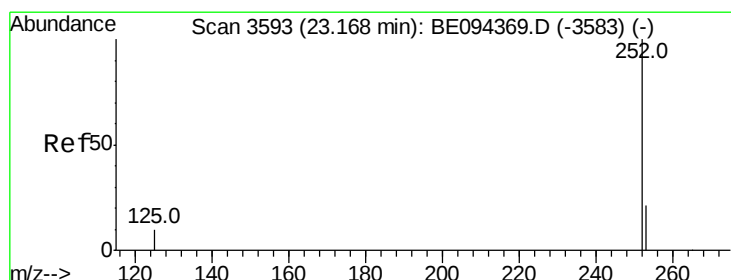
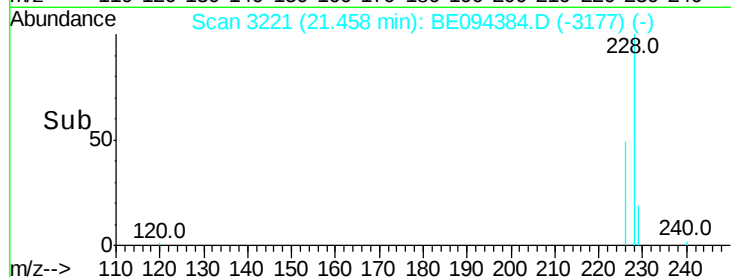
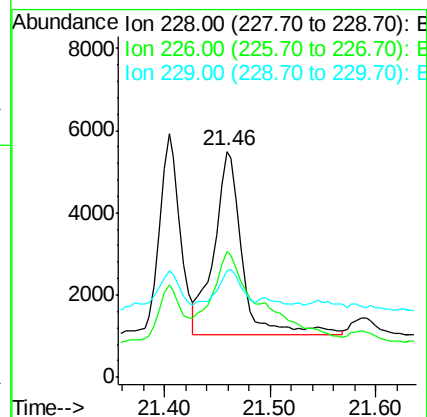
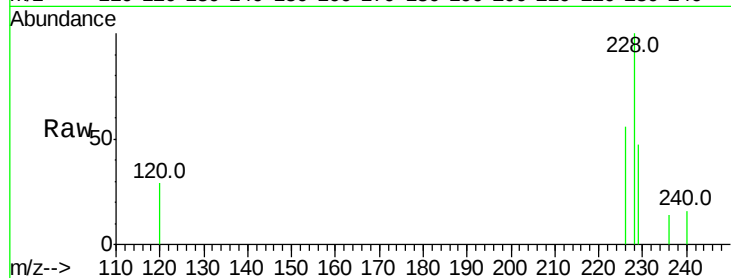
Tot Ion:228 Resp: 8226

Ion Ratio Lower Upper

228 100

226 55.7 23.4 35.0#

229 47.4 17.7 26.5#



#21

Benzo(b)fluoranthene

Concen: 0.398 ng/ul

RT: 23.17 min Scan# 3594

Delta R.T. 0.00 min

Lab File: BE094384.D

Acq: 15 Oct 2017 8:54

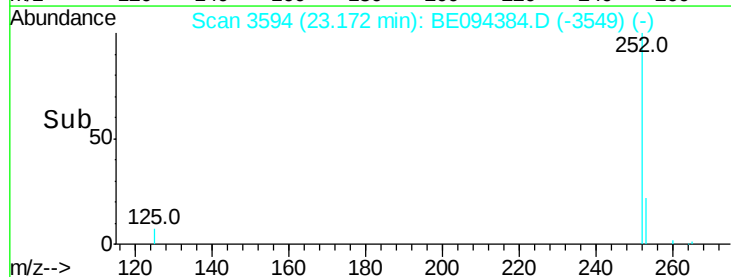
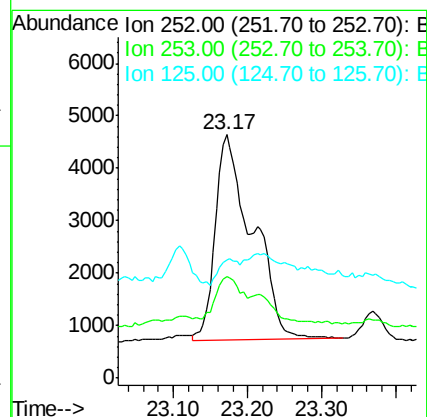
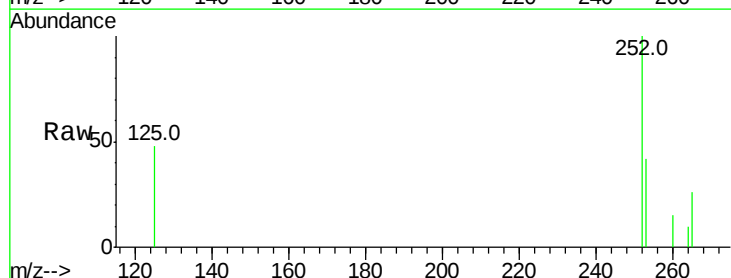
Tgt Ion:252 Resp: 13488

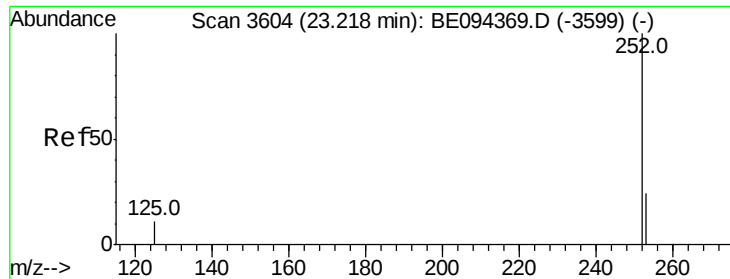
Ion Ratio Lower Upper

252 100

253 41.6 0.0 64.2

125 48.3 0.0 35.0#





#22

Benzo(k)fluoranthene

Concen: 0.343 ng/ul

RT: 23.17 min Scan# 3594

Delta R.T. -0.05 min

Lab File: BE094384.D

Acq: 15 Oct 2017 8:54

Instrument :

BNA_E

ClientSampleId :

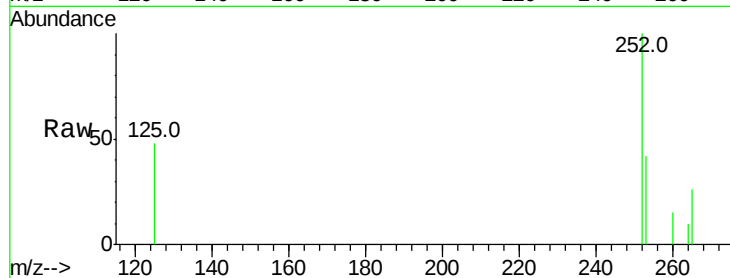
Tot Ion:252 Resp: 13430

Ion Ratio Lower Upper

252 100

253 41.6 24.5 36.7#

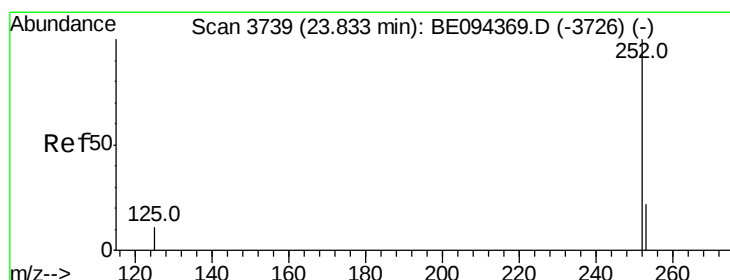
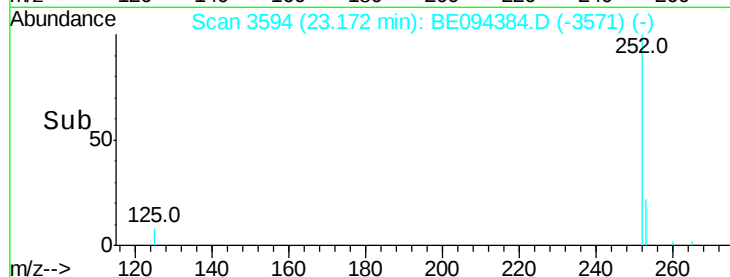
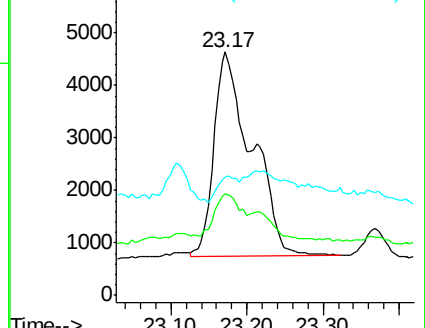
125 48.3 13.7 20.5#



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



#23

Benzo(a)pyrene

Concen: 0.173 ng/ul

RT: 23.83 min Scan# 3739

Delta R.T. -0.00 min

Lab File: BE094384.D

Acq: 15 Oct 2017 8:54

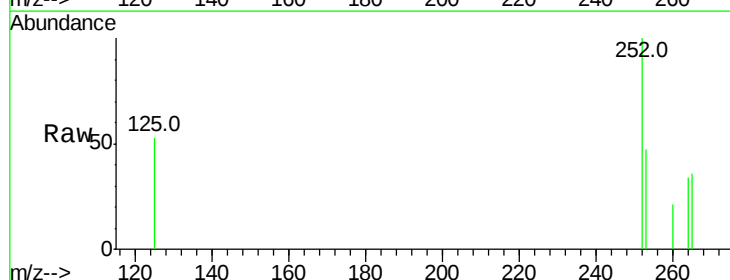
Tgt Ion:252 Resp: 6101

Ion Ratio Lower Upper

252 100

253 46.7 28.5 42.7#

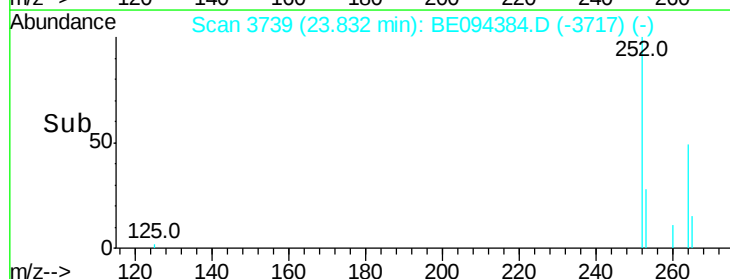
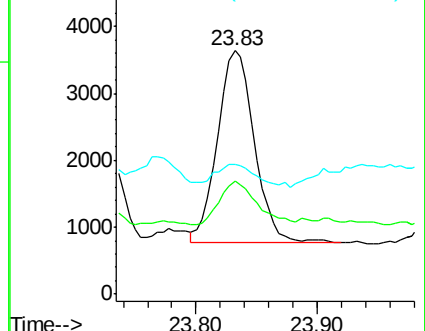
125 53.1 18.1 27.1#

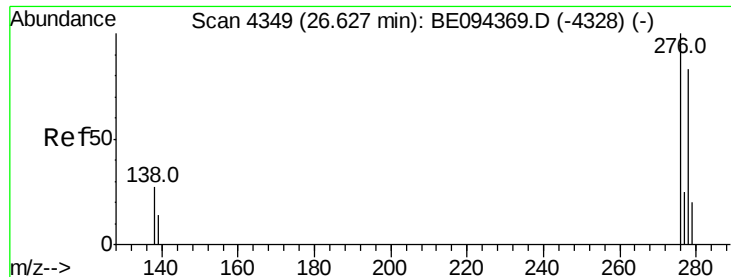


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.115 ng/ul

RT: 26.63 min Scan# 4349

Delta R.T. 0.00 min

Lab File: BE094384.D

Acq: 15 Oct 2017 8:54

Instrument :

BNA_E

ClientSampleId :

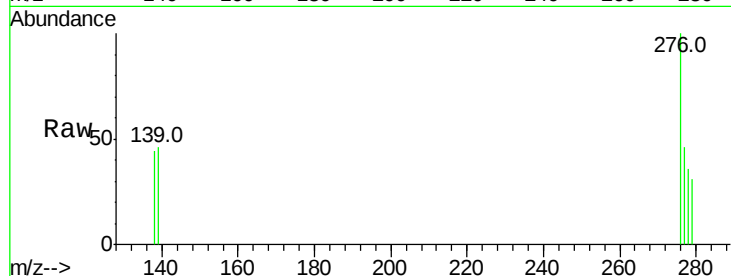
Tot Ion:276 Resp: 4152

Ion Ratio Lower Upper

276 100

138 23.2 28.0 42.0#

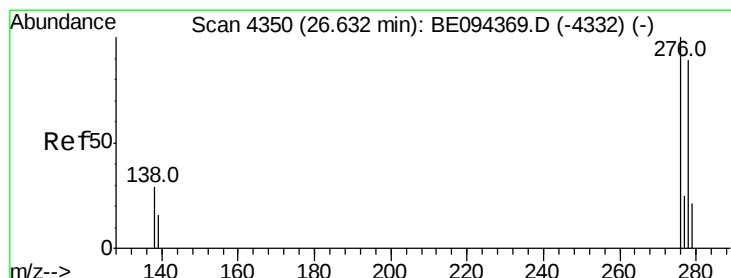
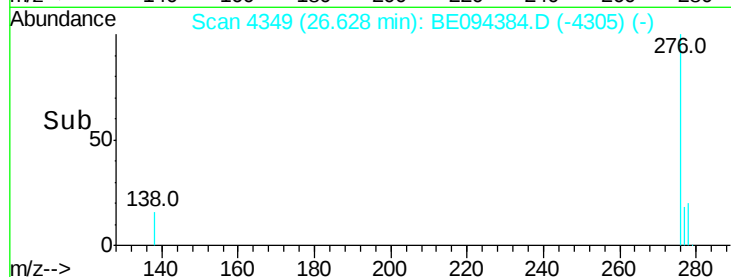
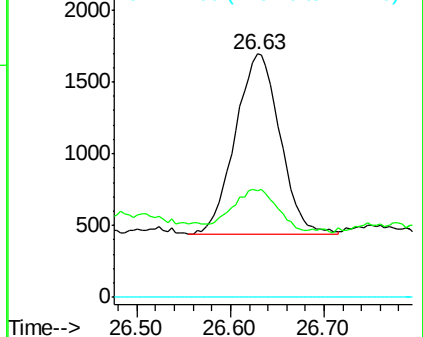
227 0.0 8.0 12.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25

Dibenzo(a,h)anthracene

Concen: 0.036 ng/ul

RT: 26.63 min Scan# 4349

Delta R.T. -0.00 min

Lab File: BE094384.D

Acq: 15 Oct 2017 8:54

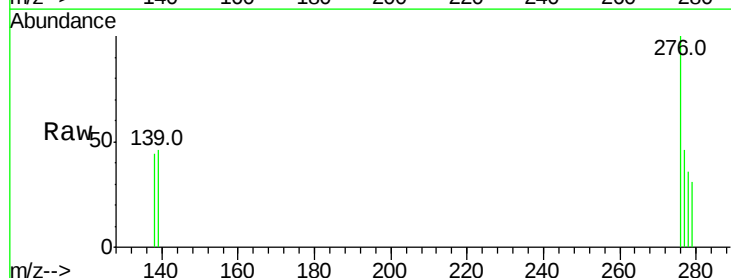
Tgt Ion:278 Resp: 1097

Ion Ratio Lower Upper

278 100

139 126.8 17.4 26.0#

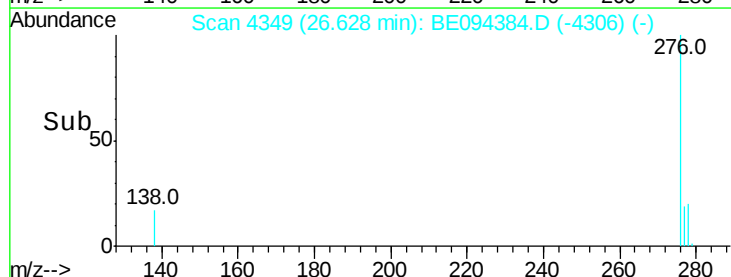
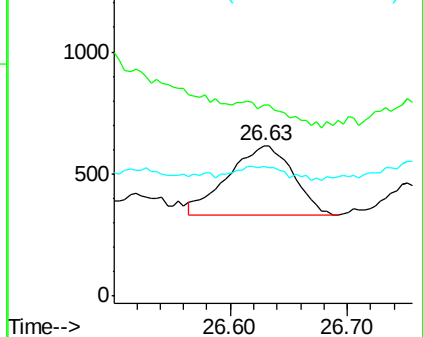
279 86.2 25.9 38.9#

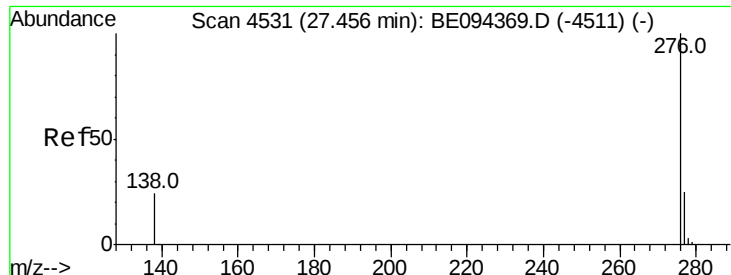


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.119 ng/ul

RT: 27.46 min Scan# 4532

Delta R.T. 0.01 min

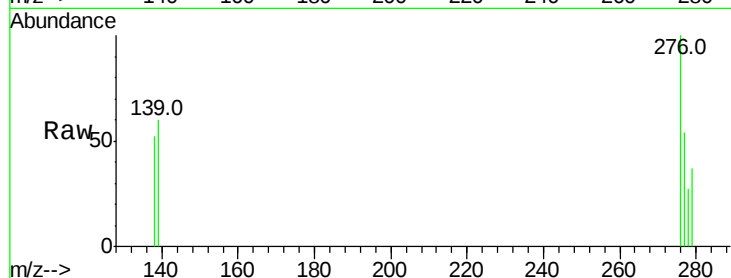
Lab File: BE094384.D

Acq: 15 Oct 2017 8:54

Instrument :

BNA_E

ClientSampleId :



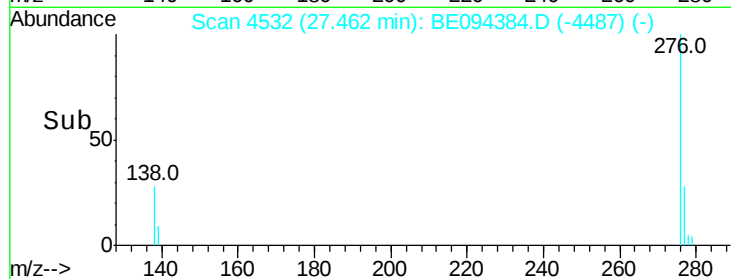
Tot Ion:276 Resp: 3700

Ion Ratio Lower Upper

276 100

138 51.6 21.8 32.8#

277 54.4 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

