

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094616.D
 Acq On : 28 Oct 2017 11:01
 Operator : SJ/JU
 Sample : I5842-01DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA1DL

Quant Time: Oct 30 02:32:30 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 02:20:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1265	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	7444	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	4152	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9332	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	9300	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	9767	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.28	152	645	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1593	0.06	ng/ul	0.00

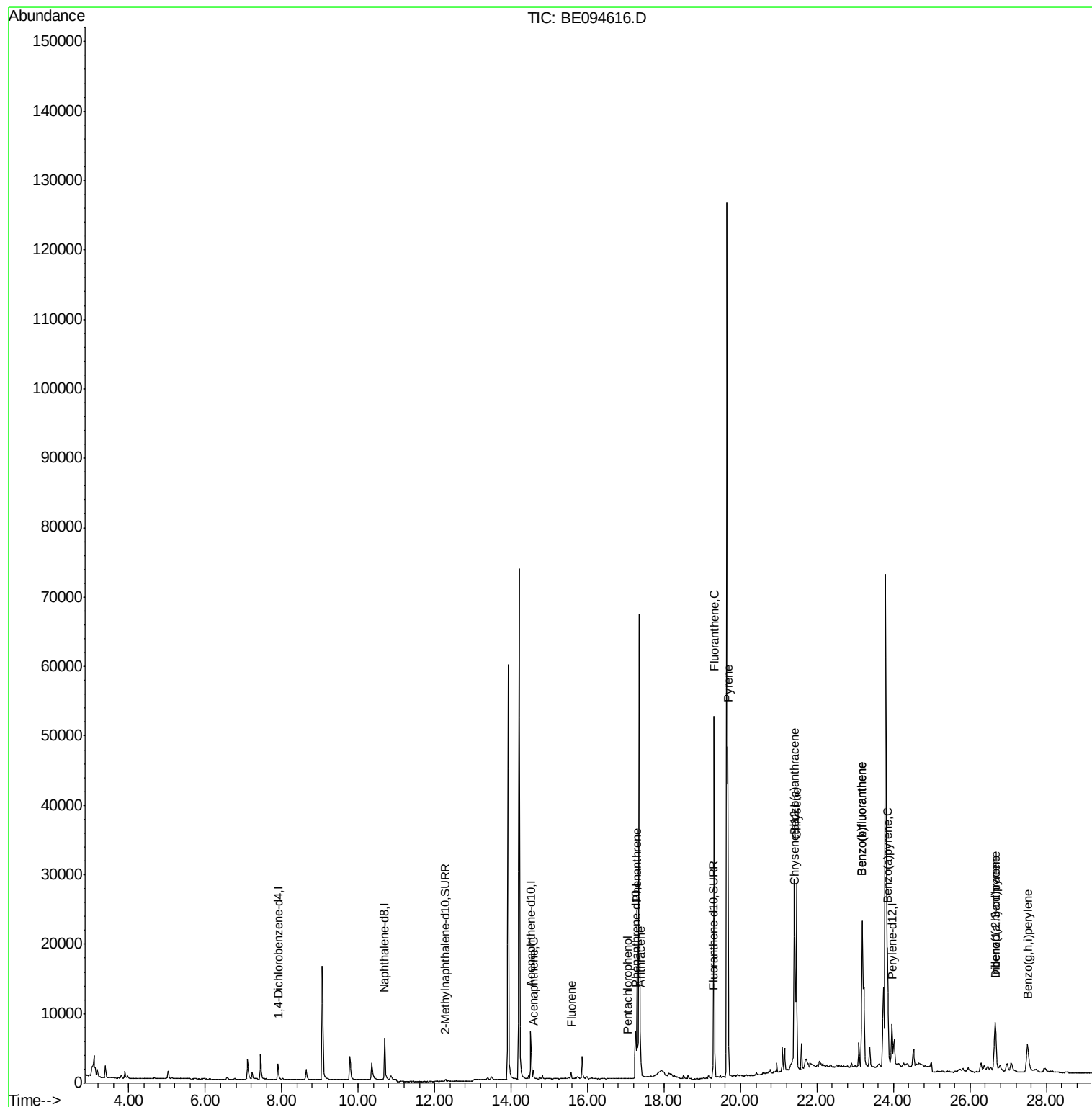
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Acenaphthene	14.58	153	756	0.06	ng/ul	96
9) Fluorene	15.57	166	665	0.04	ng/ul#	88
11) Pentachlorophenol	17.05	266	11	0.02	ng/ul#	38
12) Phenanthrene	17.29	178	20778	0.84	ng/ul#	89
13) Anthracene	17.38	178	2809	0.12	ng/ul#	92
15) Fluoranthene	19.31	202	60232	2.11	ng/ul	84
17) Pyrene	19.67	202	52505	1.83	ng/ul#	80
18) Benzo(a)anthracene	21.40	228	25187	0.95	ng/ul#	87
19) Chrysene	21.46	228	28276	1.03	ng/ul	98
21) Benzo(b)fluoranthene	23.18	252	53546	1.95	ng/ul	88
22) Benzo(k)fluoranthene	23.18	252	53546	1.82	ng/ul#	90
23) Benzo(a)pyrene	23.85	252	25141	0.92	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	26.66	276	15609	0.55	ng/ul#	73
25) Dibenzo(a,h)anthracene	26.65	278	3635	0.15	ng/ul#	75
26) Benzo(g,h,i)perylene	27.51	276	12317	0.54	ng/ul	93

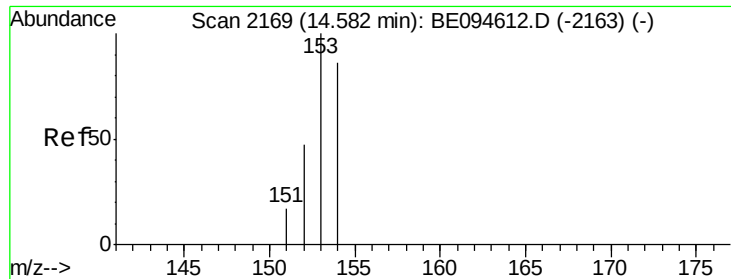
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Acenaphthene

Concen: 0.06 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BE094616.D

Acq: 28 Oct 2017 11:01

Instrument :

BNA_E

ClientSampleId :

C0AA1DL

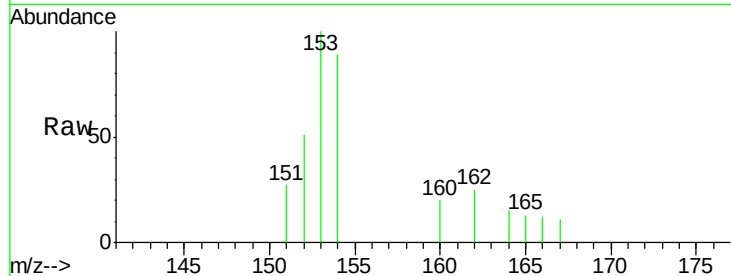
Tot Ion:153 Resp: 756

Ion Ratio Lower Upper

153 100

152 51.4 36.0 54.0

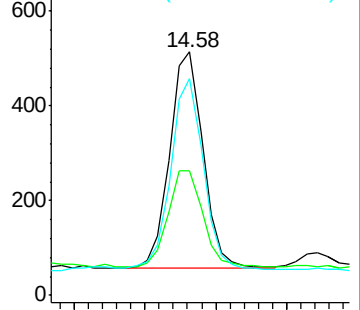
154 88.9 72.0 108.0



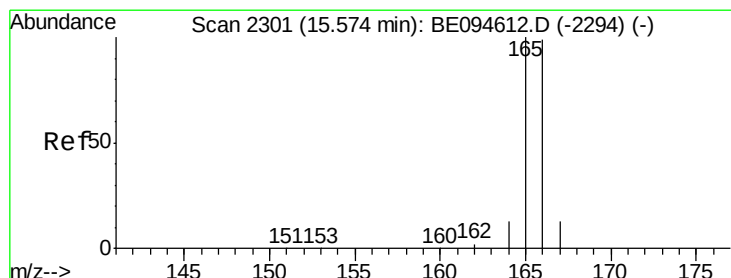
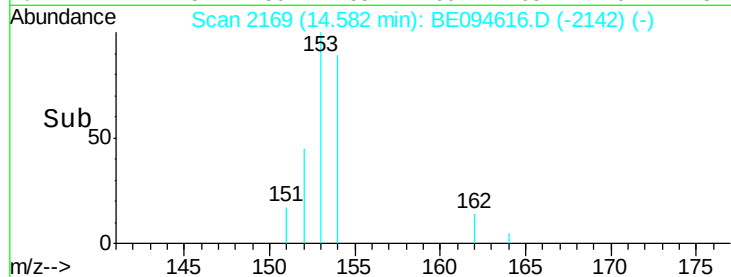
Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->



#9

Fluorene

Concen: 0.04 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE094616.D

Acq: 28 Oct 2017 11:01

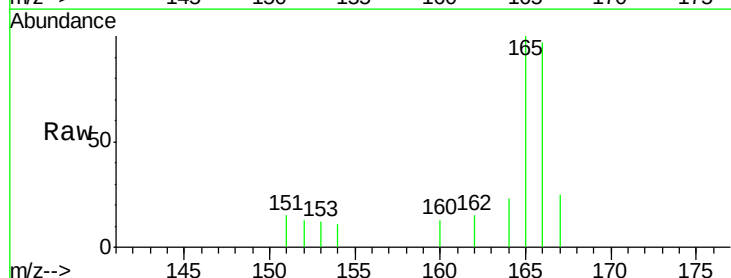
Tgt Ion:166 Resp: 665

Ion Ratio Lower Upper

166 100

165 102.8 73.4 110.2

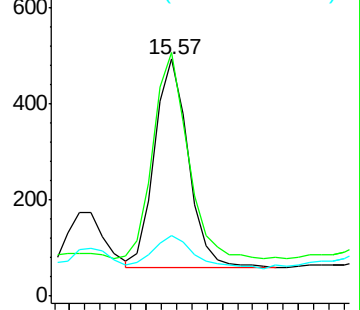
167 25.6 14.6 22.0#



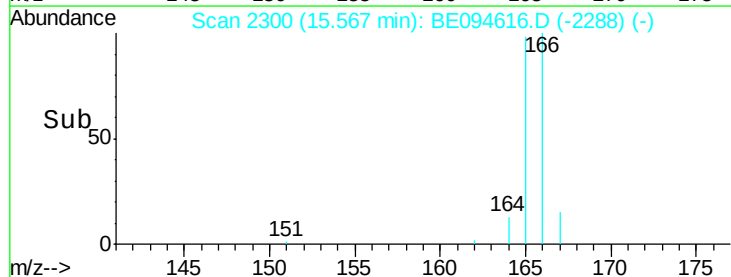
Abundance Ion 166.00 (165.70 to 166.70): E

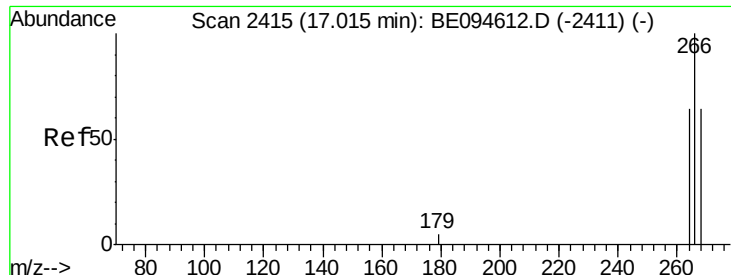
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->

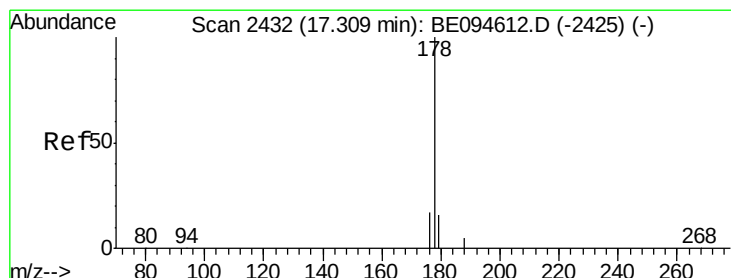
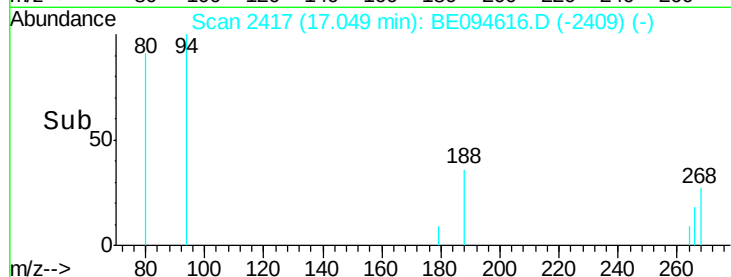
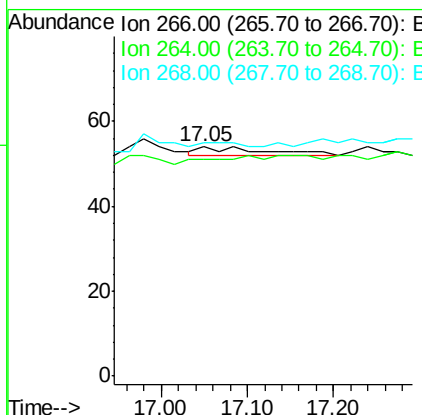
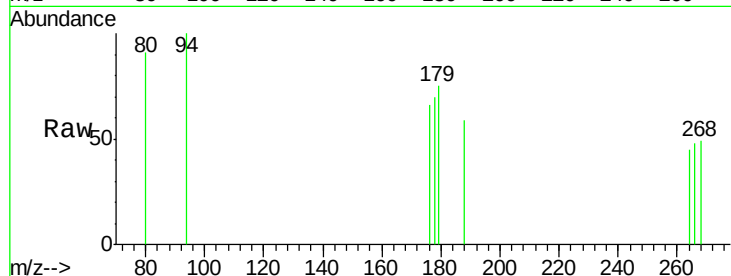




#11
 Pentachlorophenol
 Concen: 0.02 ng/ul
 RT: 17.05 min Scan# 2417
 Delta R.T. 0.03 min
 Lab File: BE094616.D
 Acq: 28 Oct 2017 11:01

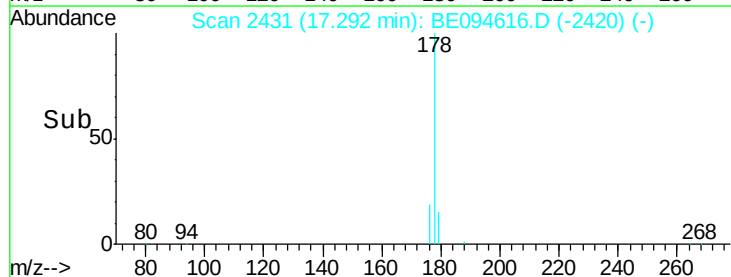
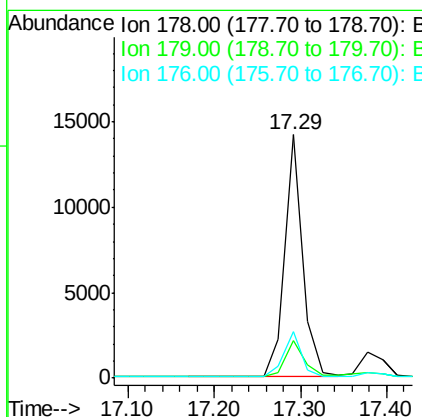
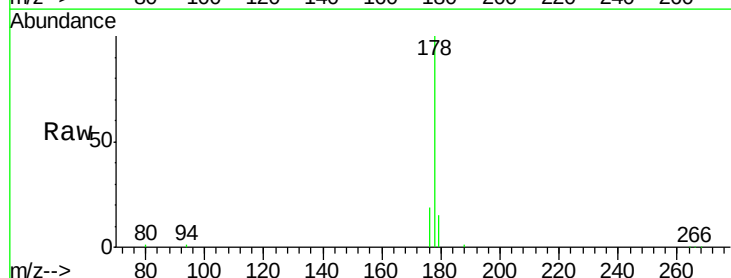
Instrument :
 BNA_E
 ClientSampleId :
 C0AA1DL

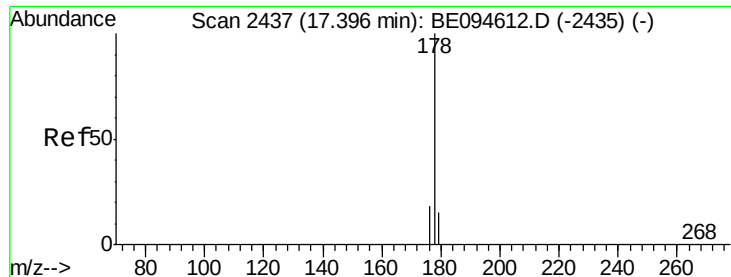
Tot Ion:266 Resp: 11
 Ion Ratio Lower Upper
 266 100
 264 0.0 47.9 71.9#
 268 27.3 49.8 74.8#



#12
 Phenanthrene
 Concen: 0.84 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BE094616.D
 Acq: 28 Oct 2017 11:01

Tgt Ion:178 Resp: 20778
 Ion Ratio Lower Upper
 178 100
 179 15.2 18.4 27.6#
 176 19.0 13.6 20.4





#13

Anthracene

Concen: 0.12 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094616.D

Acq: 28 Oct 2017 11:01

Instrument :

BNA_E

ClientSampleId :

C0AA1DL

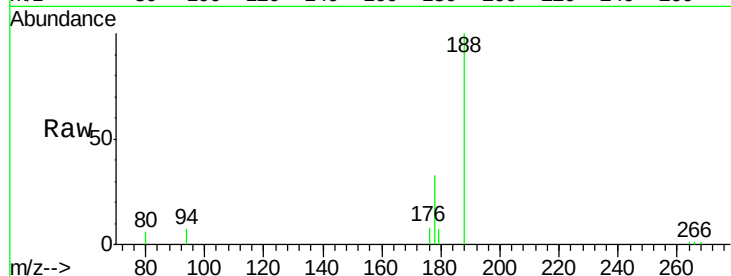
Tot Ion:178 Resp: 2809

Ion Ratio Lower Upper

178 100

179 20.6 18.1 27.1

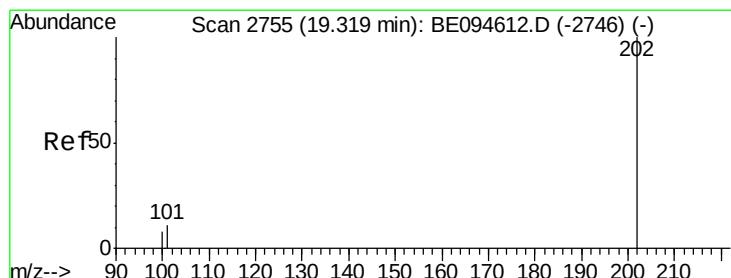
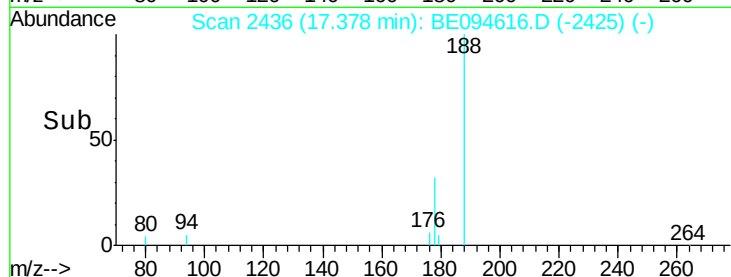
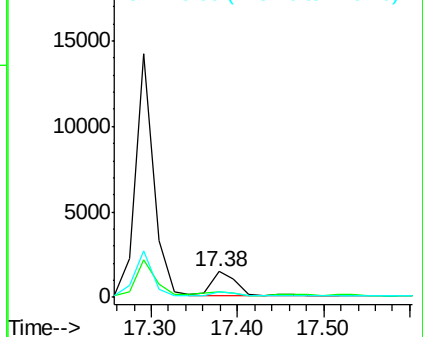
176 23.9 14.7 22.1#



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: 2.11 ng/ul

RT: 19.31 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BE094616.D

Acq: 28 Oct 2017 11:01

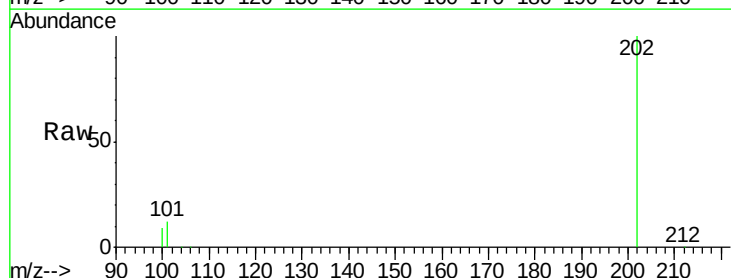
Tgt Ion:202 Resp: 60232

Ion Ratio Lower Upper

202 100

101 11.7 0.0 30.3

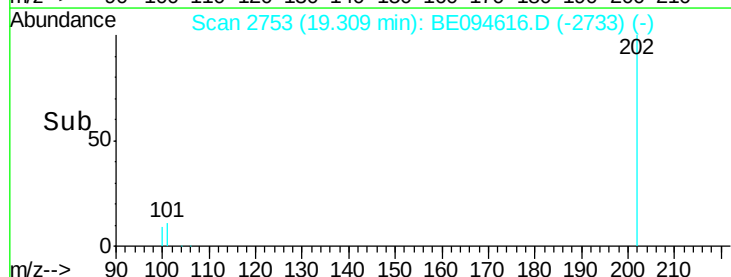
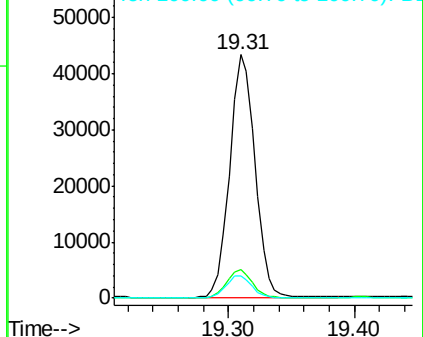
100 9.2 0.0 39.5

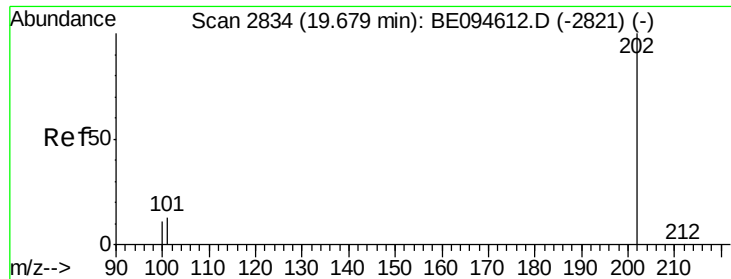


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

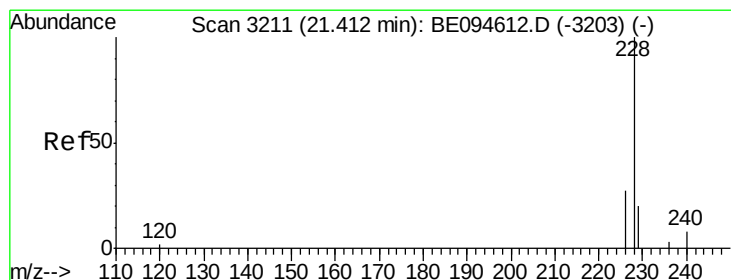
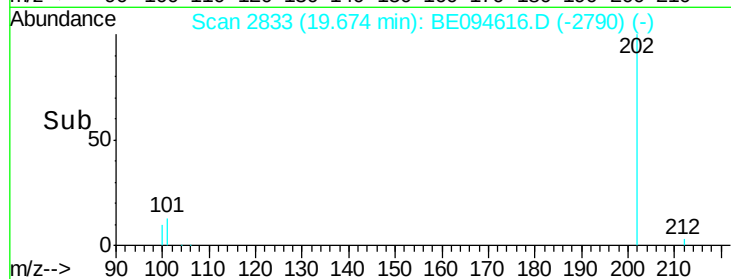
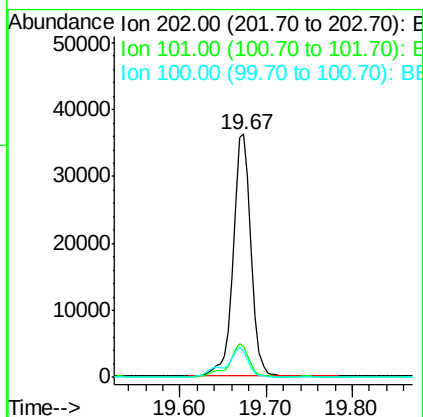
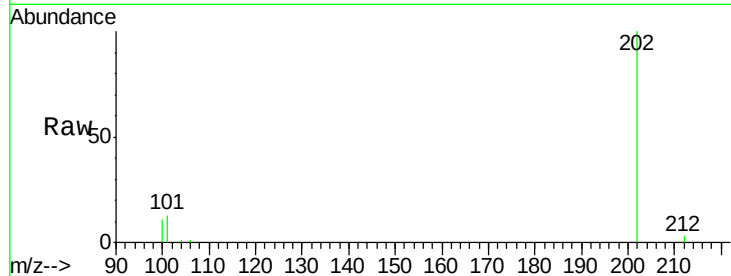




#17
Pvrene
Concen: 1.83 ng/ul
RT: 19.67 min Scan# 2833
Delta R.T. -0.00 min
Lab File: BE094616.D
Acq: 28 Oct 2017 11:01

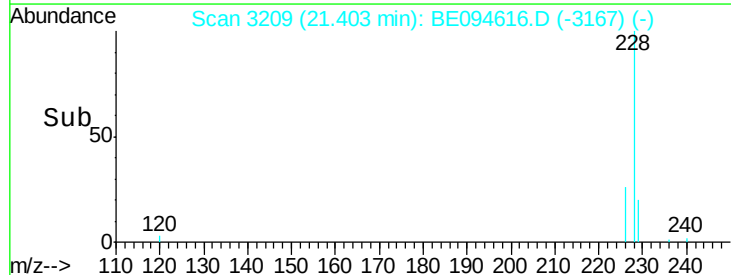
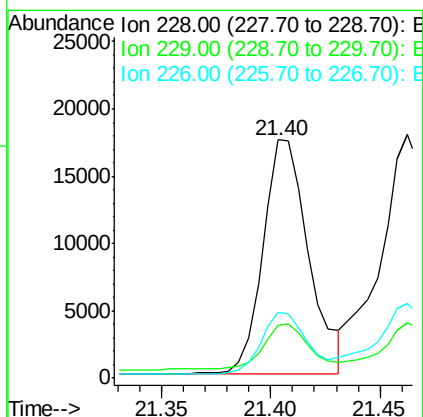
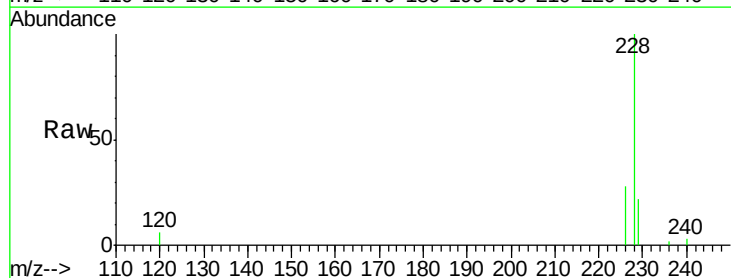
Instrument :
BNA_E
ClientSampleId :
C0AA1DL

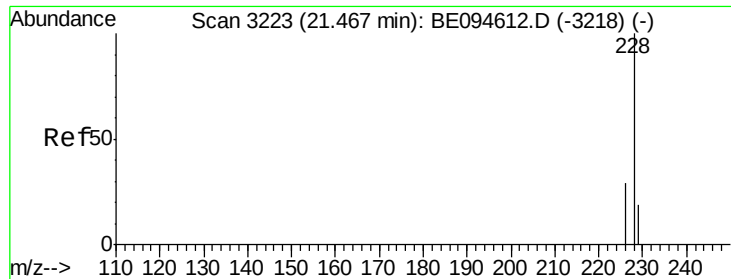
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.9	18.2	27.4#
100	10.7	15.6	23.4#



#18
Benzo(a)anthracene
Concen: 0.95 ng/ul
RT: 21.40 min Scan# 3209
Delta R.T. -0.01 min
Lab File: BE094616.D
Acq: 28 Oct 2017 11:01

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.0	22.8	34.2#
226	27.6	17.0	25.6#





#19

Chrysene

Concen: 1.03 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BE094616.D

Acq: 28 Oct 2017 11:01

Instrument :

BNA_E

ClientSampleId :

C0AA1DL

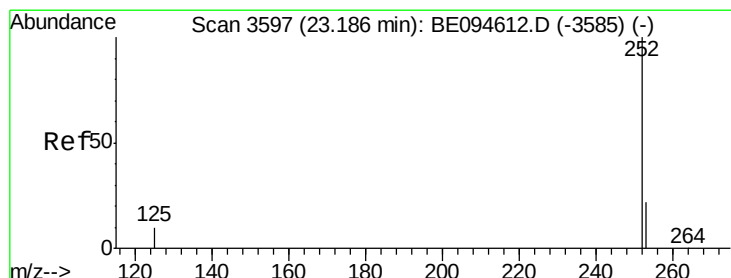
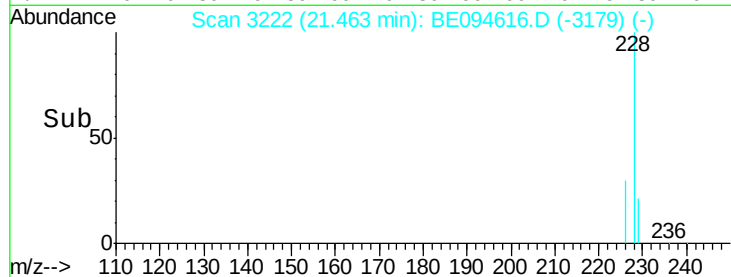
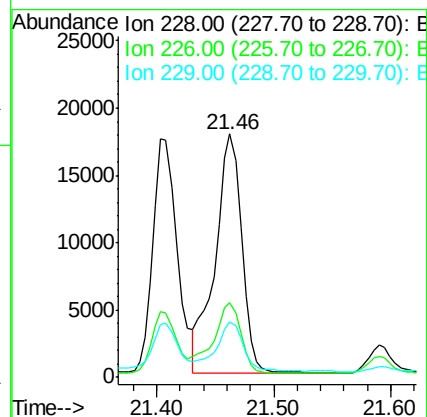
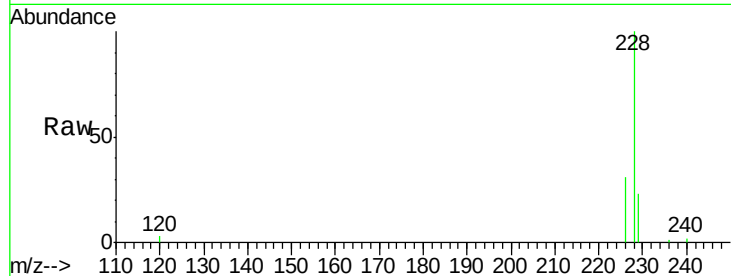
Tot Ion:228 Resp: 28276

Ion Ratio Lower Upper

228 100

226 30.6 23.4 35.0

229 22.8 17.7 26.5



#21

Benzo(b)fluoranthene

Concen: 1.95 ng/ul

RT: 23.18 min Scan# 3596

Delta R.T. -0.00 min

Lab File: BE094616.D

Acq: 28 Oct 2017 11:01

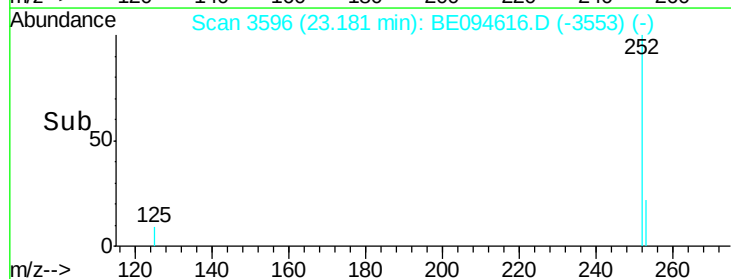
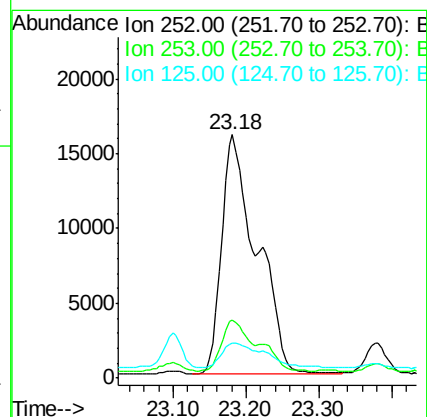
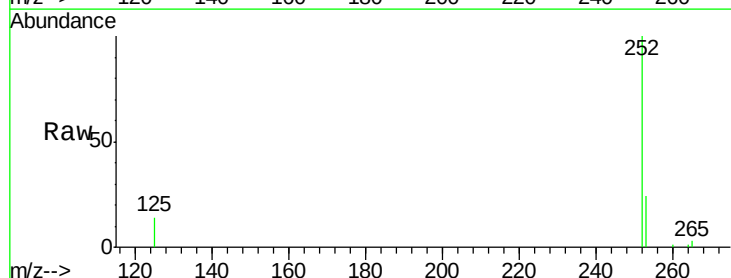
Tgt Ion:252 Resp: 53546

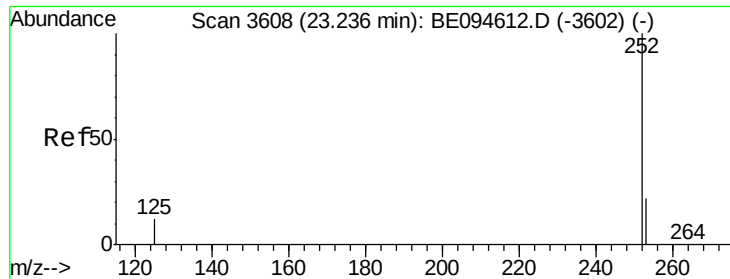
Ion Ratio Lower Upper

252 100

253 24.0 0.0 64.2

125 14.3 0.0 35.0





#22

Benzo(k)fluoranthene

Concen: 1.82 ng/ul

RT: 23.18 min Scan# 3596

Delta R.T. -0.06 min

Lab File: BE094616.D

Acq: 28 Oct 2017 11:01

Instrument :

BNA_E

ClientSampleId :

C0AA1DL

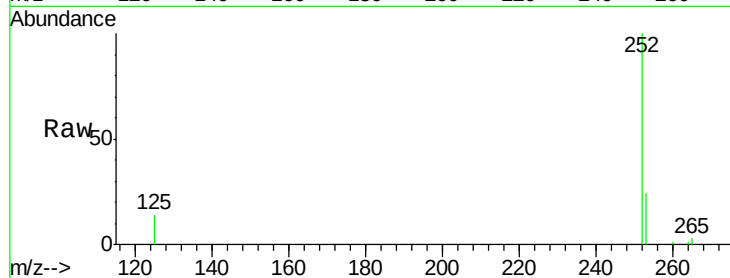
Tot Ion:252 Resp: 53546

Ion Ratio Lower Upper

252 100

253 24.0 24.5 36.7#

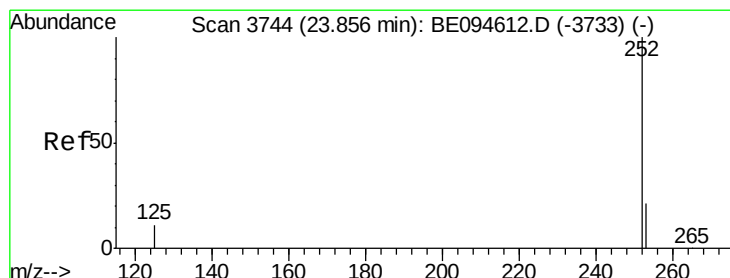
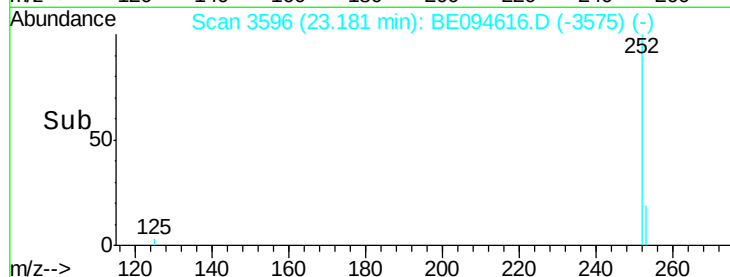
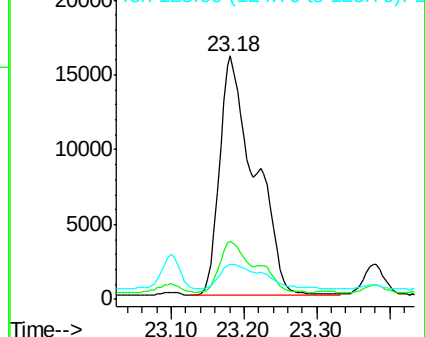
125 14.3 13.7 20.5



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: 0.92 ng/ul

RT: 23.85 min Scan# 3742

Delta R.T. -0.01 min

Lab File: BE094616.D

Acq: 28 Oct 2017 11:01

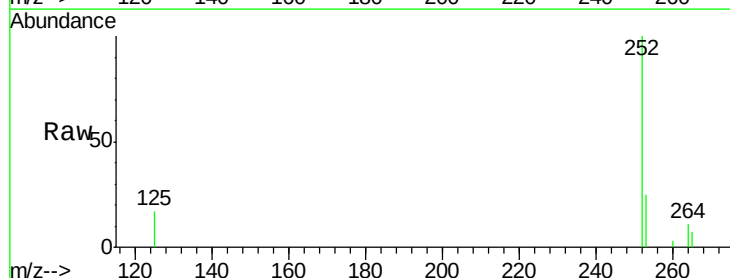
Tgt Ion:252 Resp: 25141

Ion Ratio Lower Upper

252 100

253 25.1 28.5 42.7#

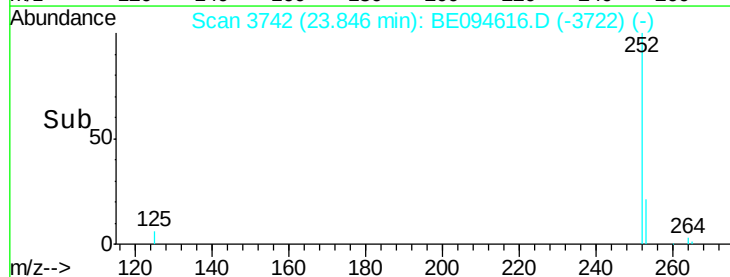
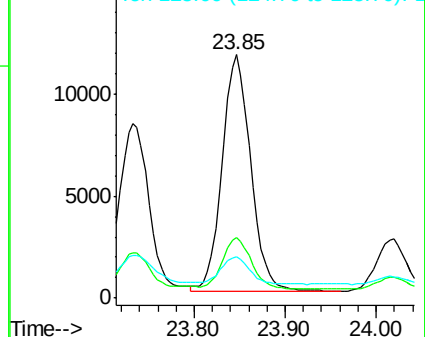
125 17.1 18.1 27.1#

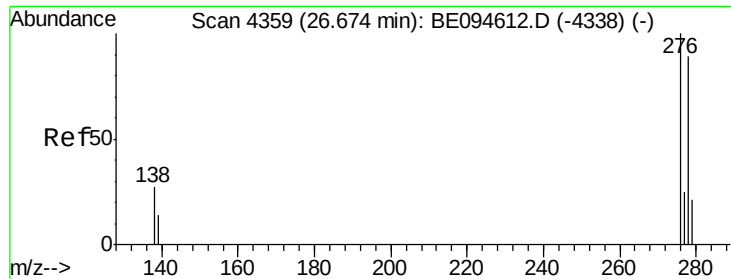


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.55 ng/ul

RT: 26.66 min Scan# 4357

Delta R.T. -0.01 min

Lab File: BE094616.D

Acq: 28 Oct 2017 11:01

Instrument :

BNA_E

ClientSampleId :

C0AA1DL

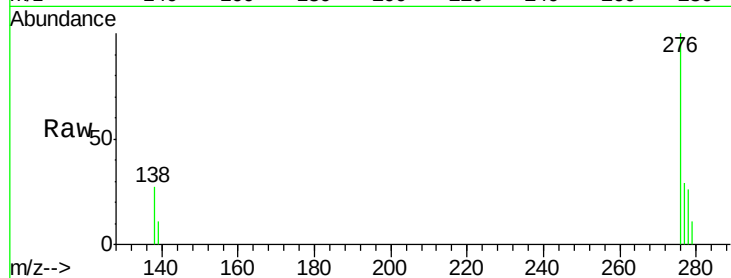
Tot Ion:276 Resp: 15609

Ion Ratio Lower Upper

276 100

138 19.4 28.0 42.0#

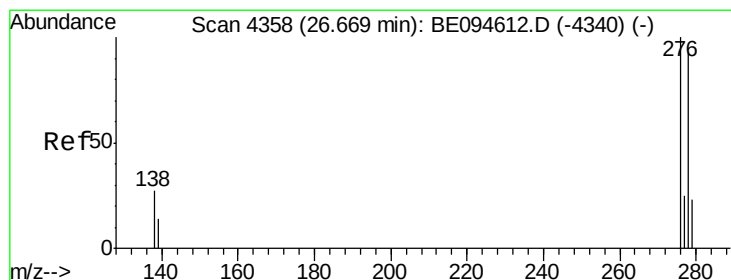
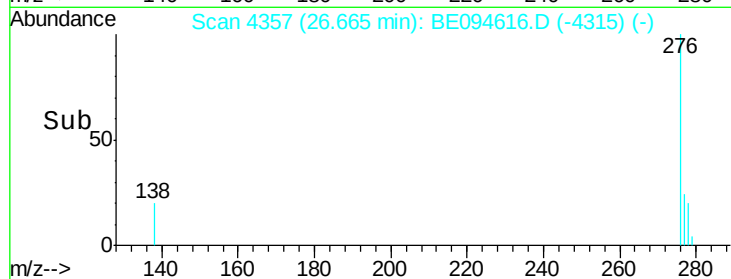
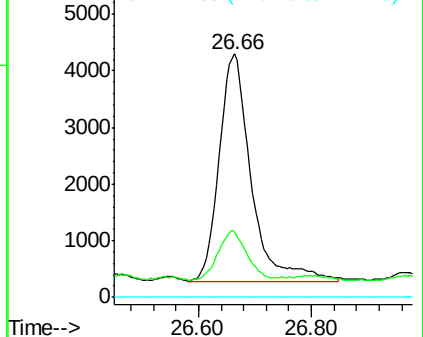
227 0.0 8.0 12.0#



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: 0.15 ng/ul

RT: 26.65 min Scan# 4354

Delta R.T. -0.02 min

Lab File: BE094616.D

Acq: 28 Oct 2017 11:01

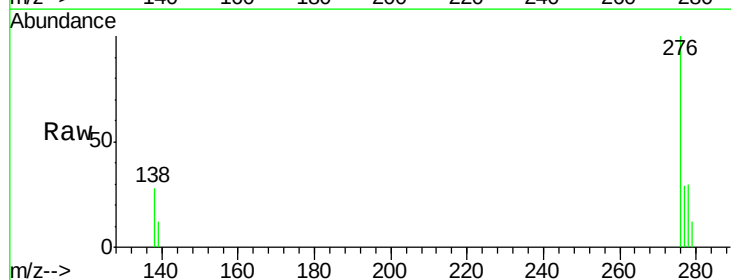
Tgt Ion:278 Resp: 3635

Ion Ratio Lower Upper

278 100

139 40.9 17.4 26.0#

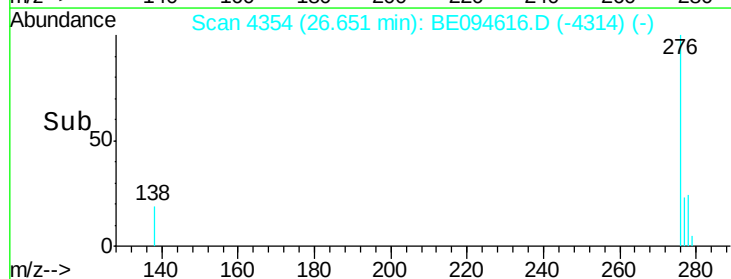
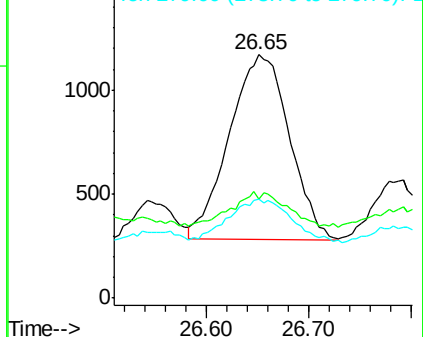
279 40.4 25.9 38.9#

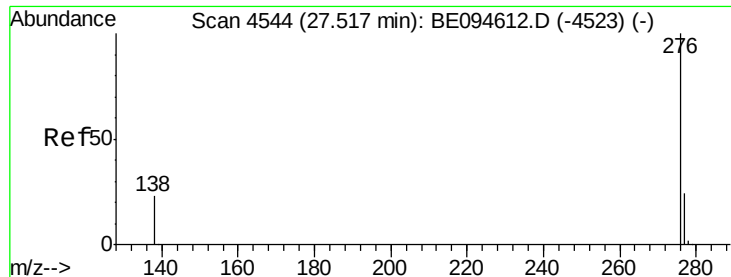


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.54 ng/ul

RT: 27.51 min Scan# 4542

Delta R.T. -0.01 min

Lab File: BE094616.D

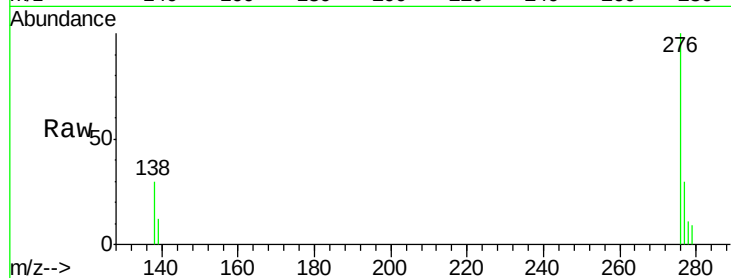
Acq: 28 Oct 2017 11:01

Instrument :

BNA_E

ClientSampleId :

C0AA1DL



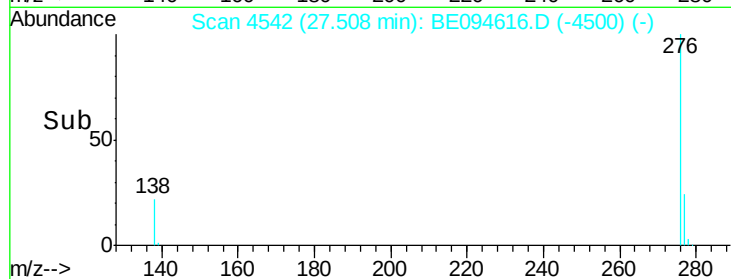
Tot Ion: 276 Resp: 12317

Ion Ratio Lower Upper

276 100

138 29.8 21.8 32.8

277 30.4 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

