

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094391.D
 Acq On : 15 Oct 2017 13:49
 Operator : SJ/JU
 Sample : I5548-01DL 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 16 06:55:26 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 06:50:03 2017
 Response via : Initial Calibration

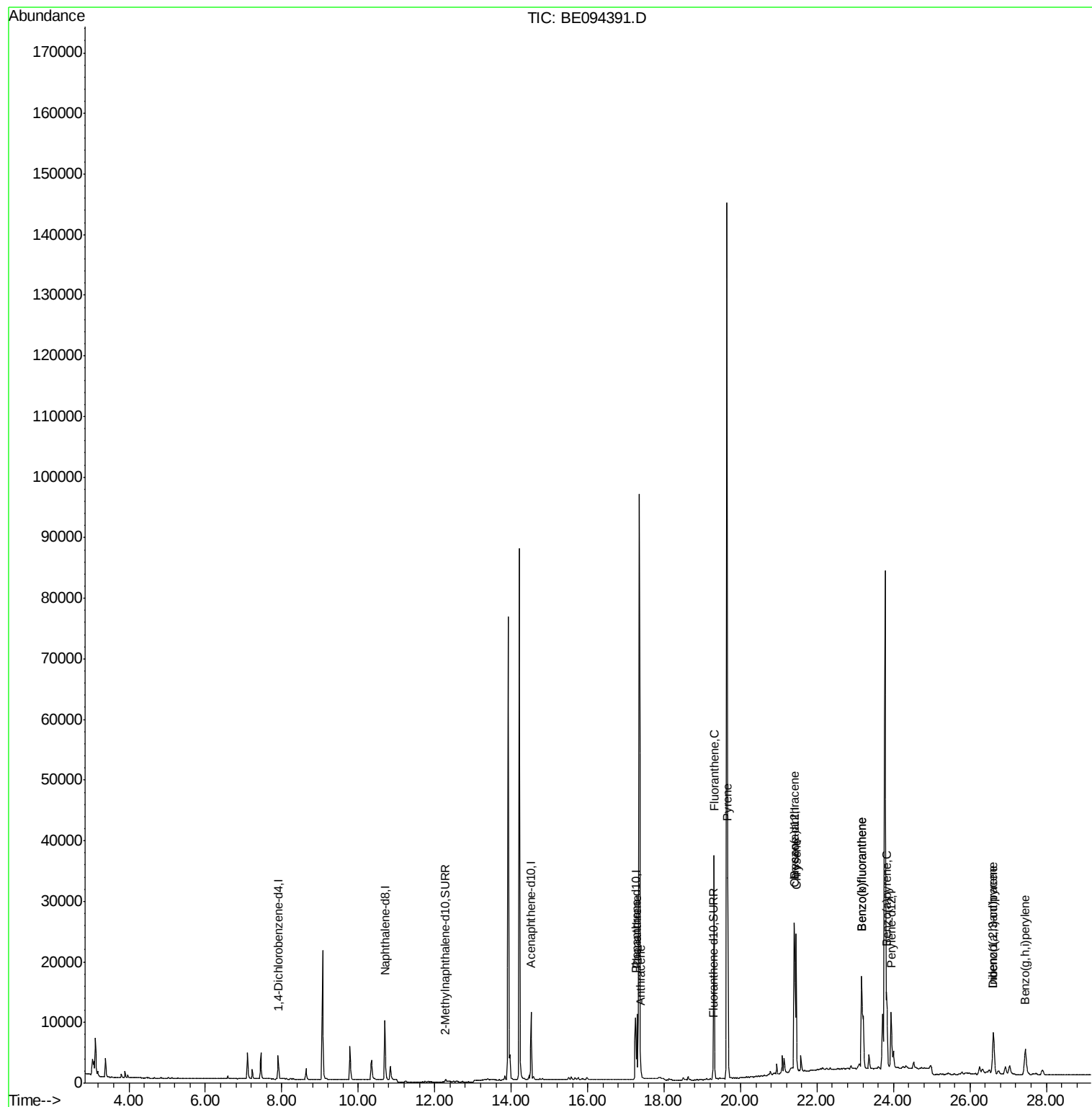
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2042	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	10901	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	6614	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	14918	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	14697	0.40	ng/ul	0.00
20) Perylene-d12	23.94	264	14440	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	692	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1798	0.04	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.29	178	11823	0.303	ng/ul#	90
13) Anthracene	17.38	178	2190	0.058	ng/ul#	93
15) Fluoranthene	19.31	202	41832	0.817	ng/ul	84
17) Pyrene	19.67	202	35357	0.865	ng/ul#	83
18) Benzo(a)anthracene	21.40	228	20547	0.527	ng/ul#	88
19) Chrysene	21.45	228	24006	0.533	ng/ul	98
21) Benzo(b)fluoranthene	23.17	252	40327	1.028	ng/ul	90
22) Benzo(k)fluoranthene	23.17	252	40316	0.889	ng/ul	92
23) Benzo(a)pyrene	23.83	252	18565	0.455	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.61	276	12718	0.305	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.61	278	3561	0.102	ng/ul#	71
26) Benzo(g,h,i)perylene	27.45	276	10433	0.290	ng/ul	93

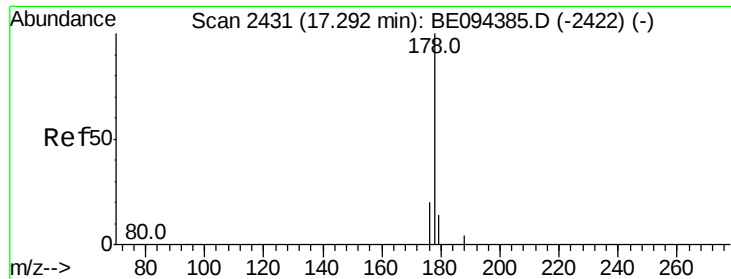
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.303 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BE094391.D

Acq: 15 Oct 2017 13:49

Instrument :

BNA_E

ClientSampleId :

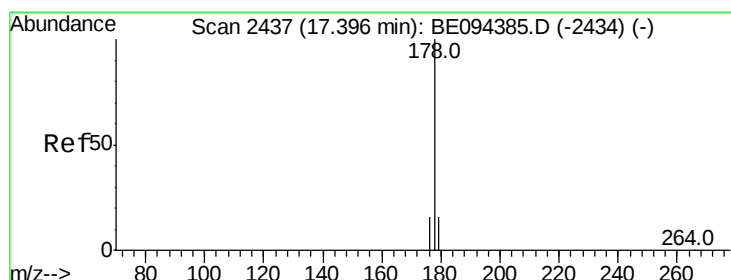
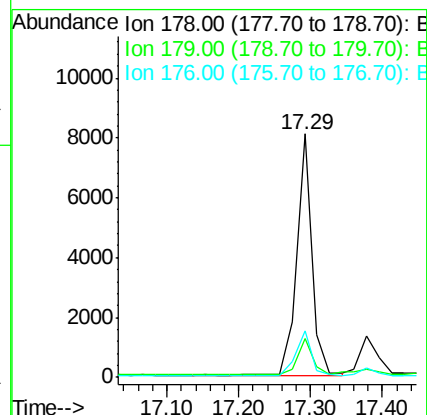
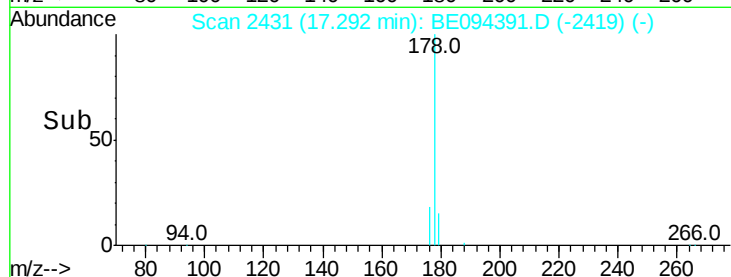
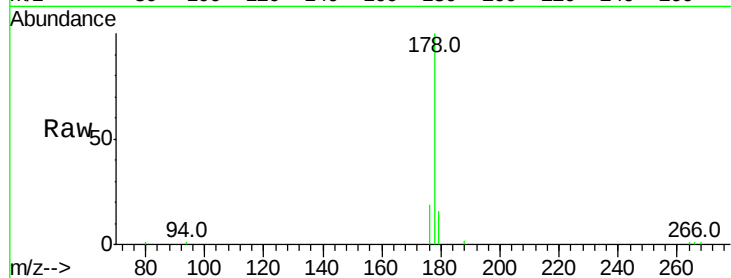
Tot Ion:178 Resp: 11823

Ion Ratio Lower Upper

178 100

179 16.0 18.4 27.6#

176 19.1 13.6 20.4



#13

Anthracene

Concen: 0.058 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094391.D

Acq: 15 Oct 2017 13:49

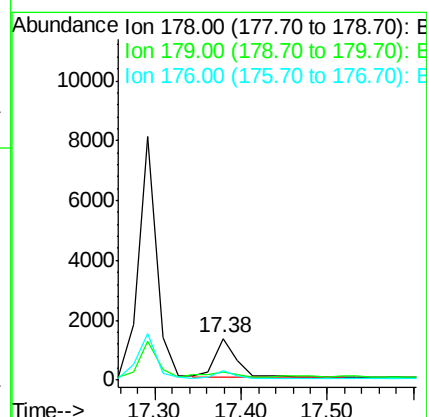
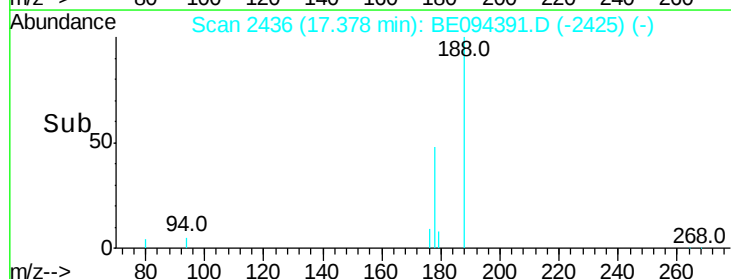
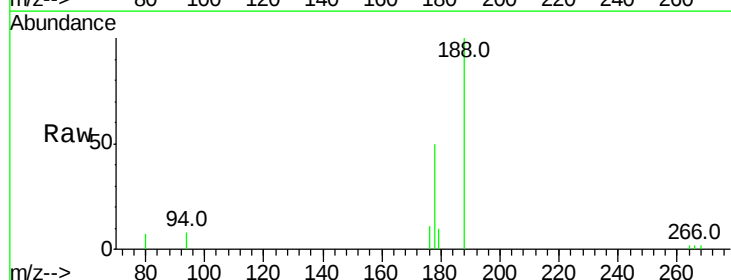
Tgt Ion:178 Resp: 2190

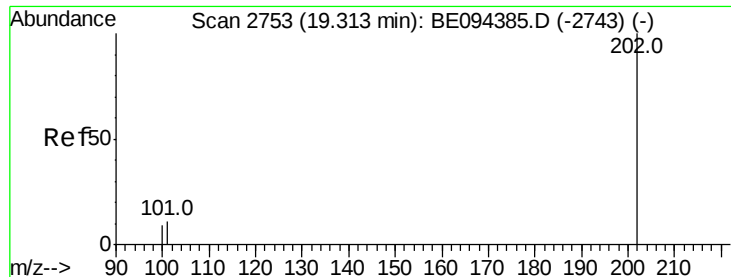
Ion Ratio Lower Upper

178 100

179 20.6 18.1 27.1

176 22.8 14.7 22.1#





#15

Fluoranthene

Concen: 0.817 ng/ul

RT: 19.31 min Scan# 2752

Delta R.T. -0.00 min

Lab File: BE094391.D

Acq: 15 Oct 2017 13:49

Instrument :

BNA_E

ClientSampleId :

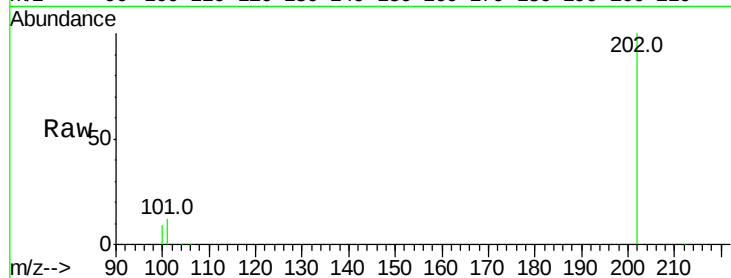
Tot Ion:202 Resp: 41832

Ion Ratio Lower Upper

202 100

101 11.7 0.0 30.3

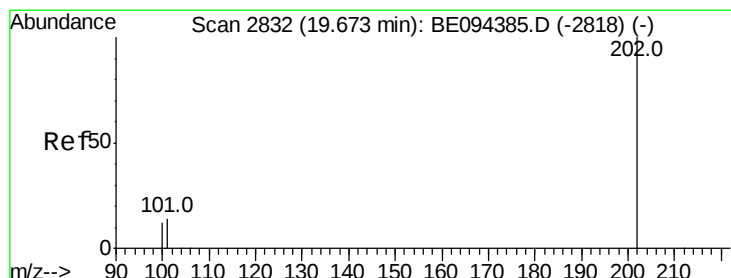
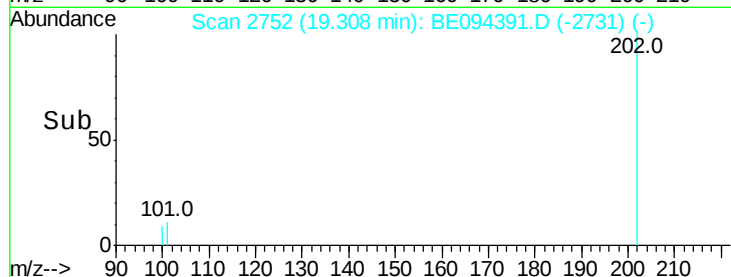
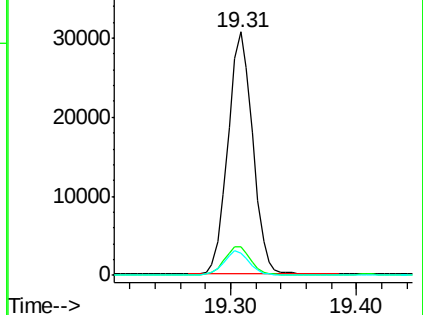
100 9.2 0.0 39.5



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): BE



#17

Pyrene

Concen: 0.865 ng/ul

RT: 19.67 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BE094391.D

Acq: 15 Oct 2017 13:49

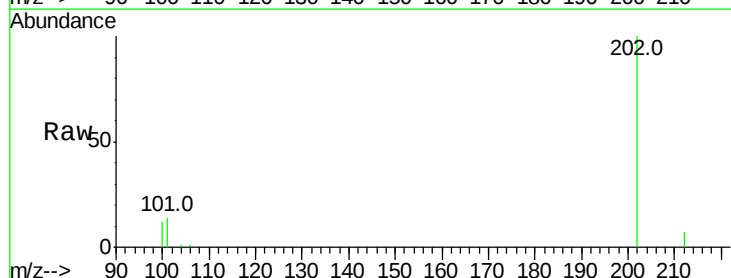
Tgt Ion:202 Resp: 35357

Ion Ratio Lower Upper

202 100

101 14.2 18.2 27.4#

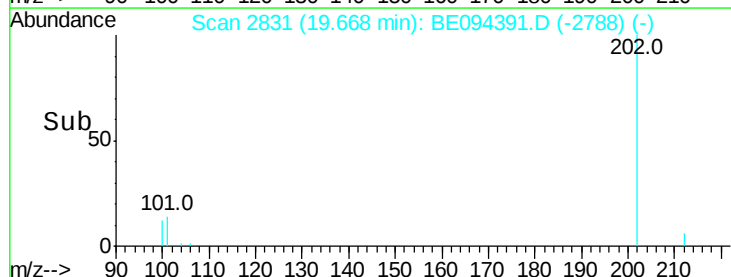
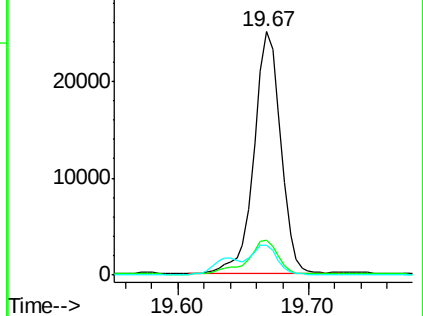
100 12.2 15.6 23.4#

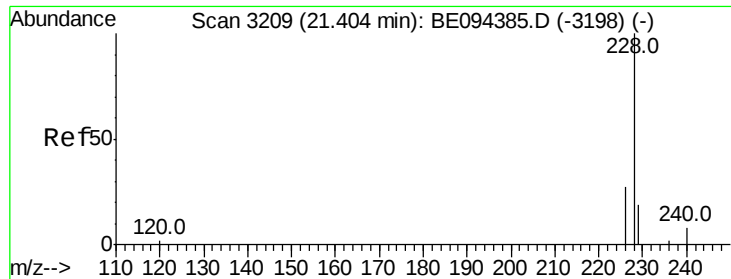


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.527 ng/ul

RT: 21.40 min Scan# 3208

Delta R.T. -0.00 min

Lab File: BE094391.D

Acq: 15 Oct 2017 13:49

Instrument :

BNA_E

ClientSampled :

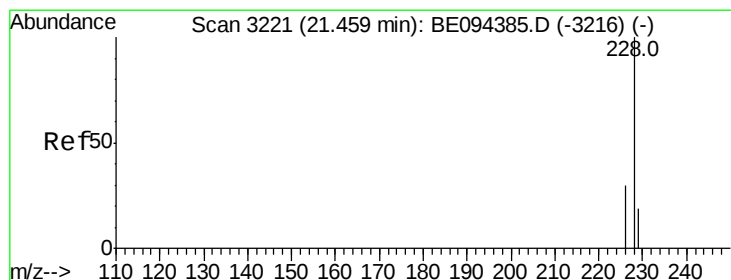
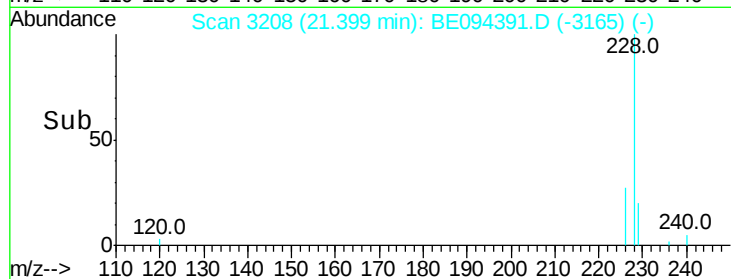
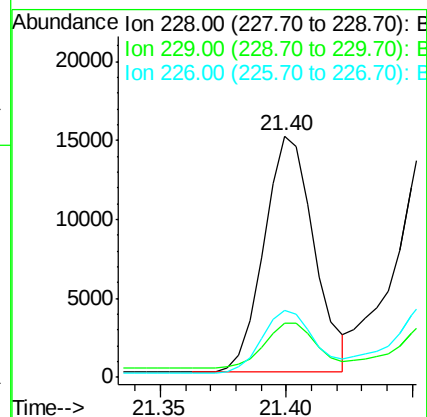
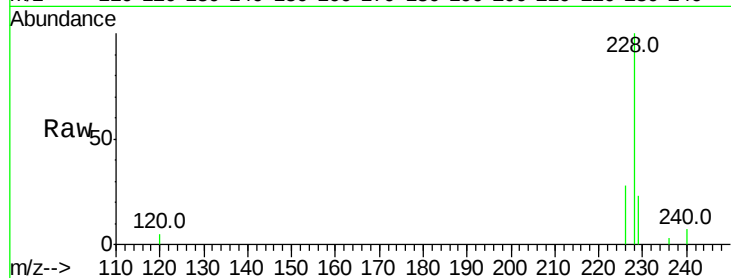
Tot Ion:228 Resp: 20547

Ion Ratio Lower Upper

228 100

229 22.6 22.8 34.2#

226 27.9 17.0 25.6#



#19

Chrysene

Concen: 0.533 ng/ul

RT: 21.45 min Scan# 3220

Delta R.T. -0.00 min

Lab File: BE094391.D

Acq: 15 Oct 2017 13:49

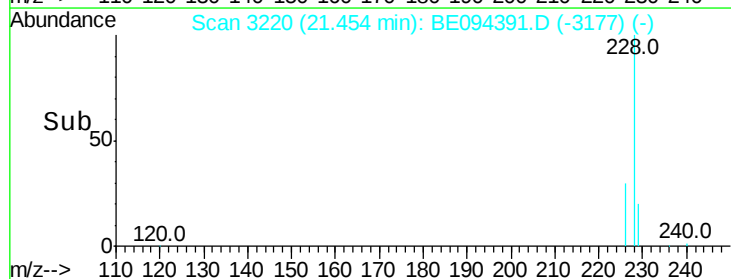
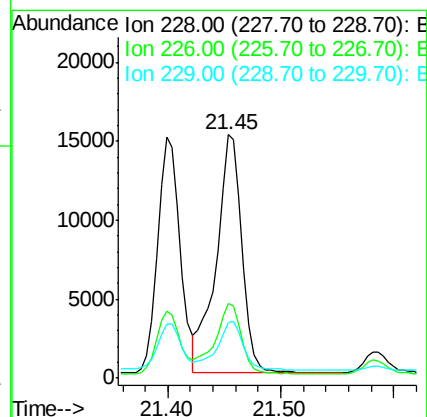
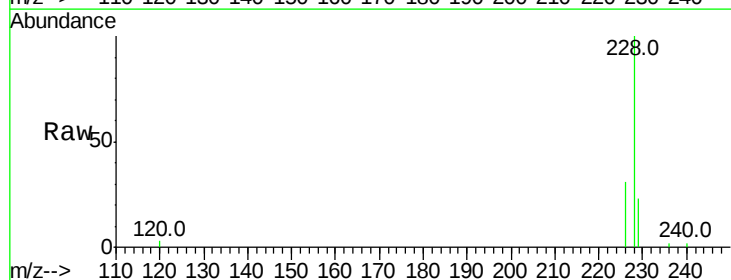
Tgt Ion:228 Resp: 24006

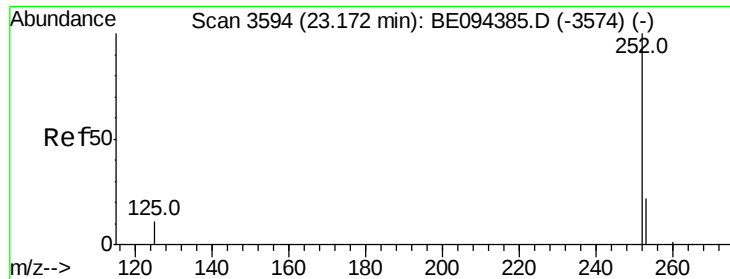
Ion Ratio Lower Upper

228 100

226 30.8 23.4 35.0

229 22.8 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 1.028 ng/ul

RT: 23.17 min Scan# 3593

Delta R.T. -0.00 min

Lab File: BE094391.D

Acq: 15 Oct 2017 13:49

Instrument :

BNA_E

ClientSampleId :

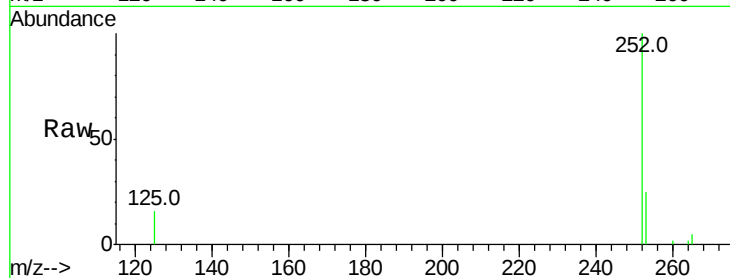
Tot Ion:252 Resp: 40327

Ion Ratio Lower Upper

252 100

253 25.1 0.0 64.2

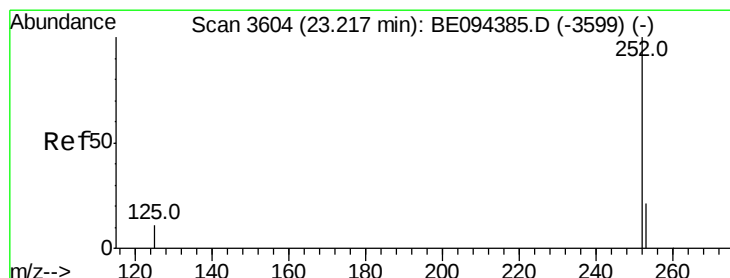
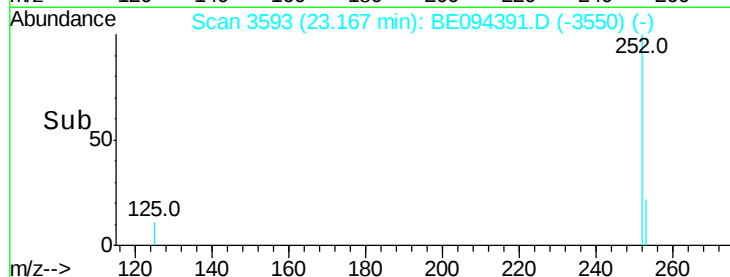
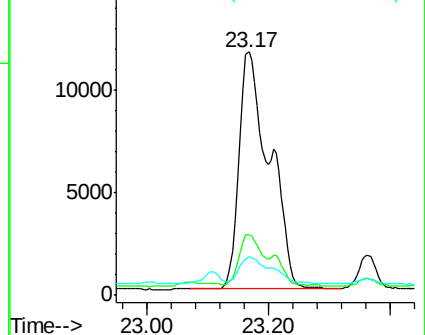
125 15.7 0.0 35.0



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: 0.889 ng/ul

RT: 23.17 min Scan# 3593

Delta R.T. -0.05 min

Lab File: BE094391.D

Acq: 15 Oct 2017 13:49

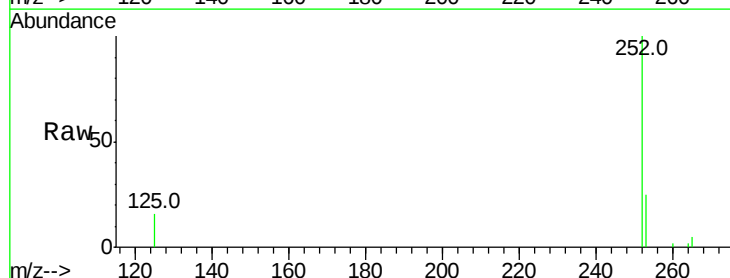
Tgt Ion:252 Resp: 40316

Ion Ratio Lower Upper

252 100

253 25.1 24.5 36.7

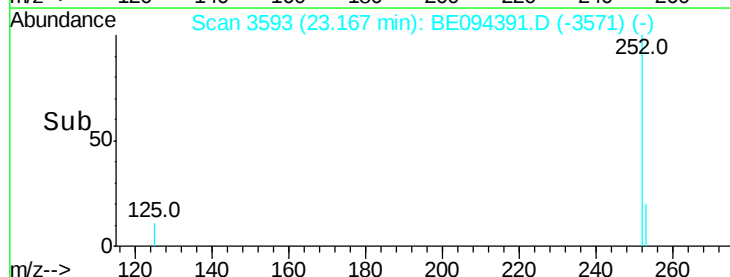
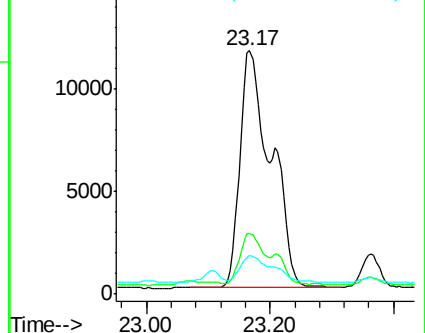
125 15.7 13.7 20.5

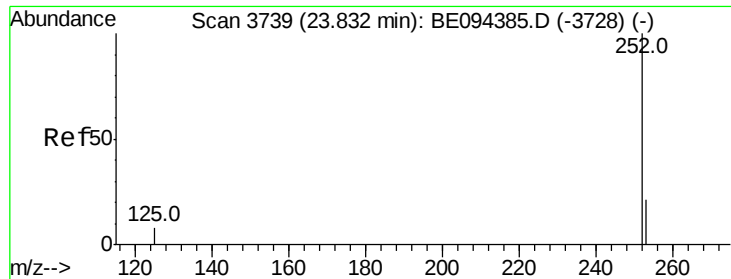


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.455 ng/ul

RT: 23.83 min Scan# 3738

Delta R.T. -0.00 min

Lab File: BE094391.D

Acq: 15 Oct 2017 13:49

Instrument :

BNA_E

ClientSampleId :

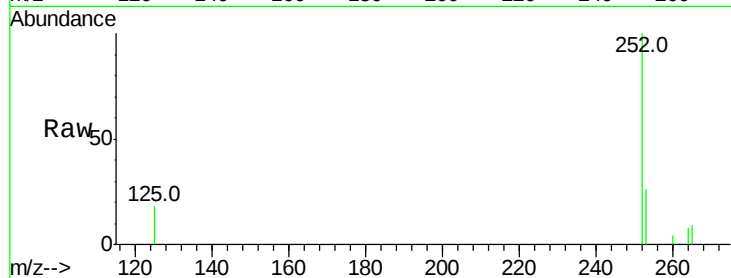
Tot Ion:252 Resp: 18565

Ion Ratio Lower Upper

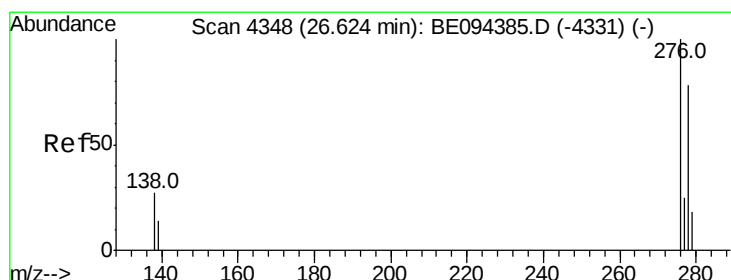
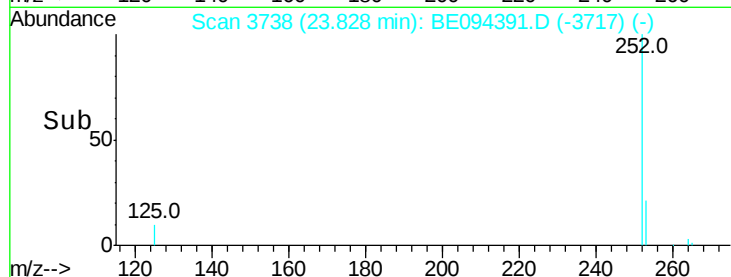
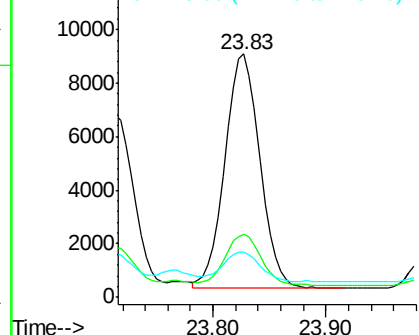
252 100

253 26.1 28.5 42.7#

125 18.4 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: 0.305 ng/ul

RT: 26.61 min Scan# 4345

Delta R.T. -0.01 min

Lab File: BE094391.D

Acq: 15 Oct 2017 13:49

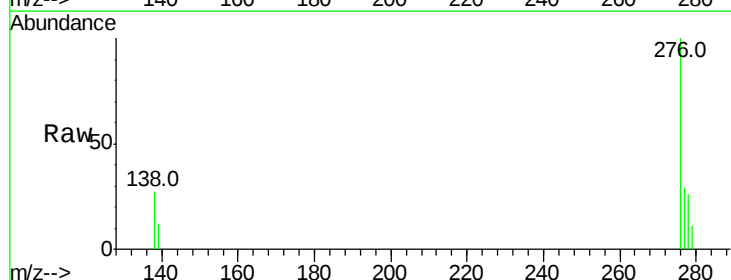
Tgt Ion:276 Resp: 12718

Ion Ratio Lower Upper

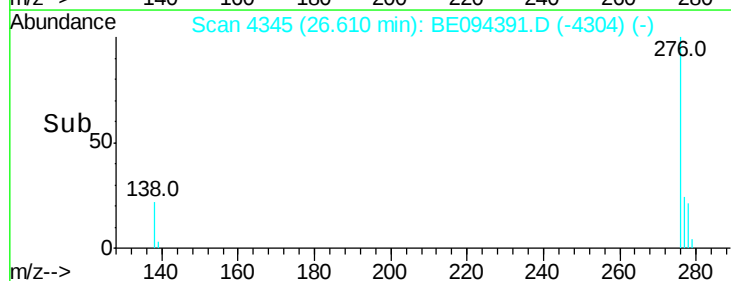
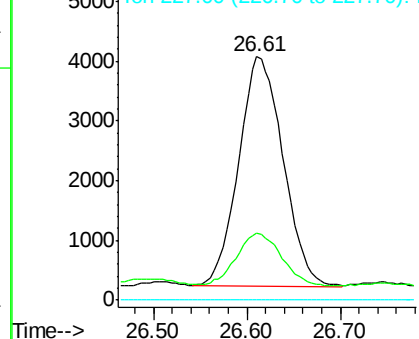
276 100

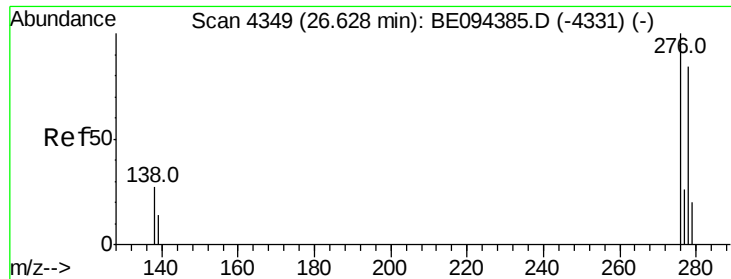
138 23.6 28.0 42.0#

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

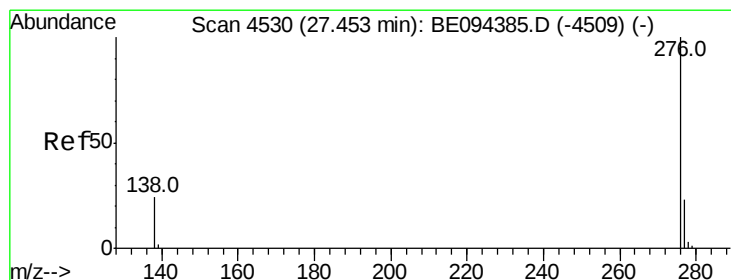
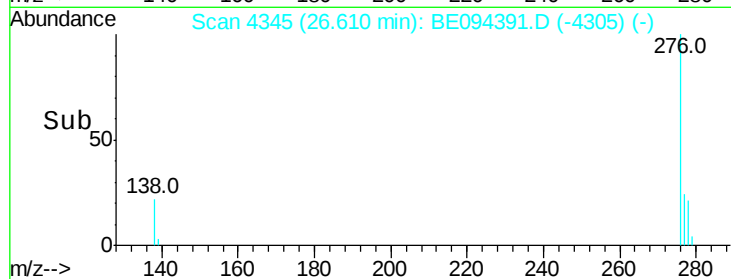
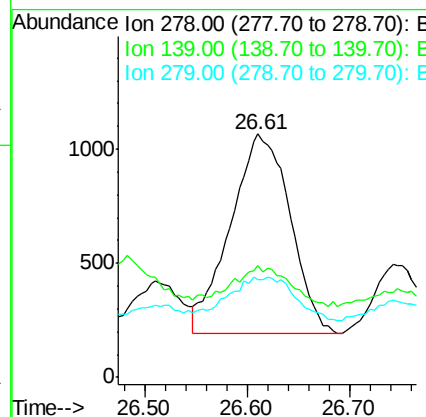
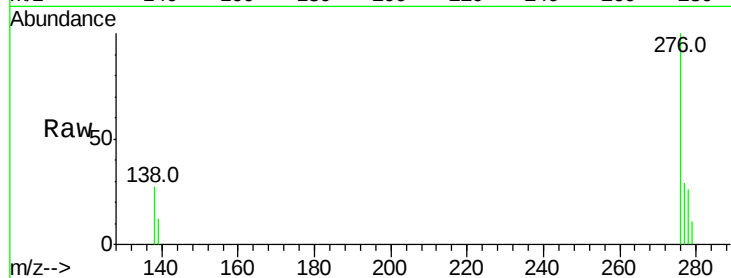




#25
Dibenzo(a,h)anthracene
Concen: 0.102 ng/ul
RT: 26.61 min Scan# 4345
Delta R.T. -0.02 min
Lab File: BE094391.D
Acq: 15 Oct 2017 13:49

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 3561
Ion Ratio Lower Upper
278 100
139 46.0 17.4 26.0#
279 40.4 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.290 ng/ul
RT: 27.45 min Scan# 4529
Delta R.T. -0.00 min
Lab File: BE094391.D
Acq: 15 Oct 2017 13:49

Tgt Ion:276 Resp: 10433
Ion Ratio Lower Upper
276 100
138 29.4 21.8 32.8
277 30.3 20.5 30.7

