

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110317\
 Data File : BE094723.D
 Acq On : 4 Nov 2017 00:29
 Operator : SJ/JU
 Sample : I5955-10 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP-6

Quant Time: Nov 04 01:16:56 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 04 01:15:30 2017
 Response via : Initial Calibration

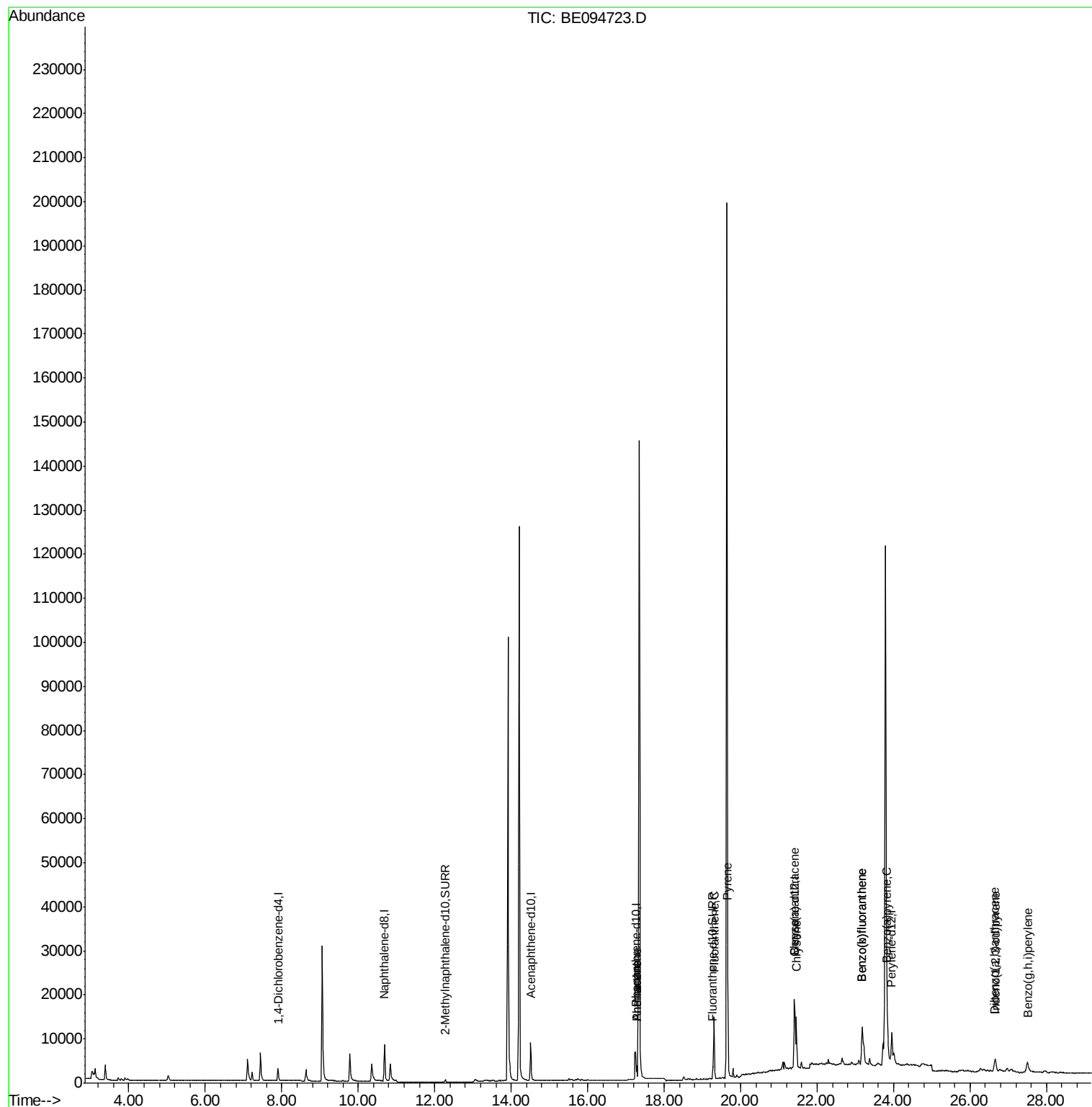
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1610	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	9768	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	5516	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11617	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	11644	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	13394	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	1114	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	3358	0.10	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.29	178	3717	0.12	ng/ul	94
13) Anthracene	17.29	178	3623	0.12	ng/ul	96
15) Fluoranthene	19.31	202	17017	0.48	ng/ul	84
17) Pyrene	19.67	202	19471	0.54	ng/ul#	80
18) Benzo(a)anthracene	21.40	228	13748	0.41	ng/ul#	88
19) Chrysene	21.46	228	12531	0.36	ng/ul#	87
21) Benzo(b)fluoranthene	23.18	252	22982	0.61	ng/ul	89
22) Benzo(k)fluoranthene	23.18	252	22803	0.56	ng/ul#	89
23) Benzo(a)pyrene	23.84	252	12265	0.33	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.66	276	6814	0.17	ng/ul#	71
25) Dibenzo(a,h)anthracene	26.65	278	1605	0.05	ng/ul#	1
26) Benzo(g,h,i)perylene	27.50	276	6283	0.20	ng/ul#	70

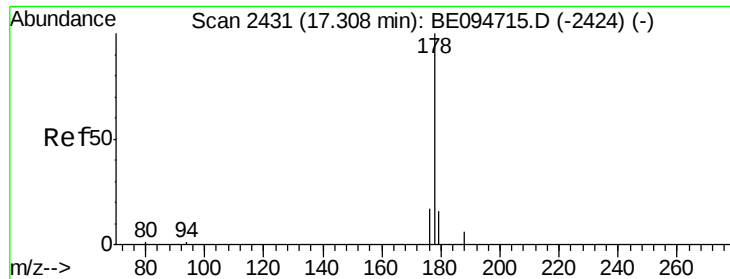
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.12 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094723.D

Acq: 4 Nov 2017 00:29

Instrument :

BNA_E

ClientSampleId :

DUP-6

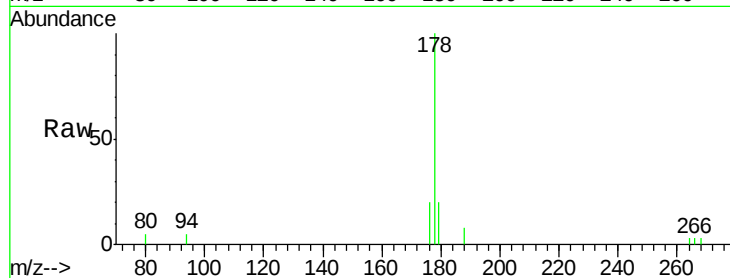
Tot Ion:178 Resp: 3717

Ion Ratio Lower Upper

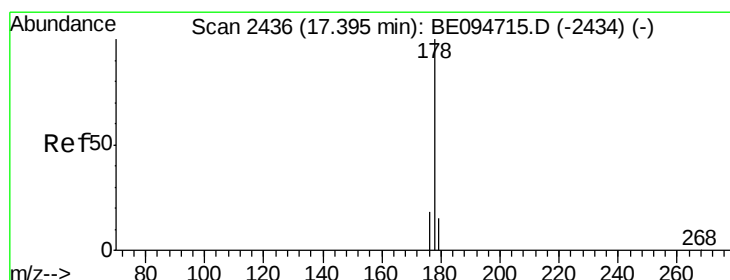
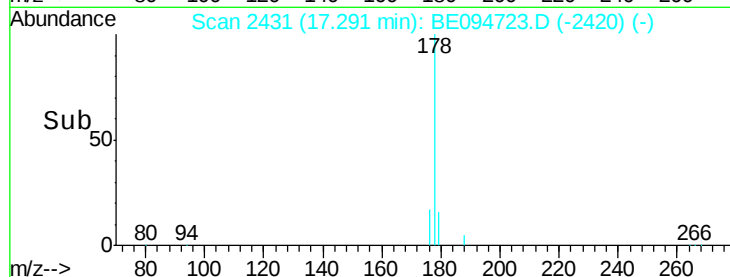
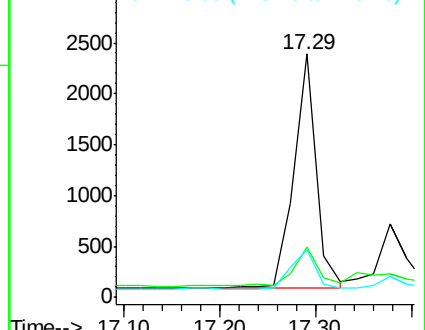
178 100

179 20.5 18.4 27.6

176 19.6 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: 0.12 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.10 min

Lab File: BE094723.D

Acq: 4 Nov 2017 00:29

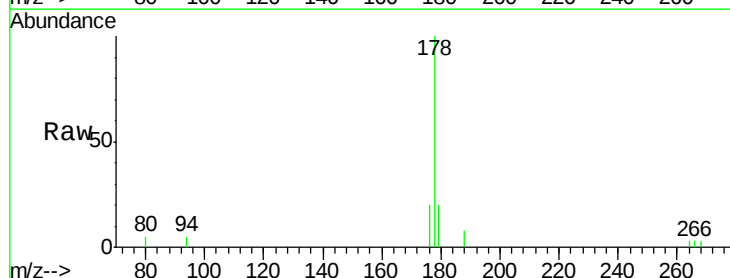
Tgt Ion:178 Resp: 3623

Ion Ratio Lower Upper

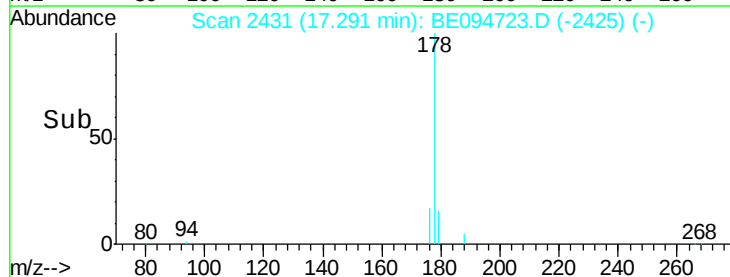
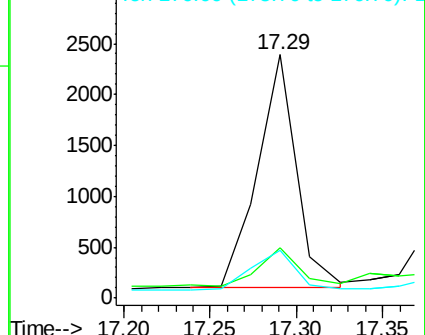
178 100

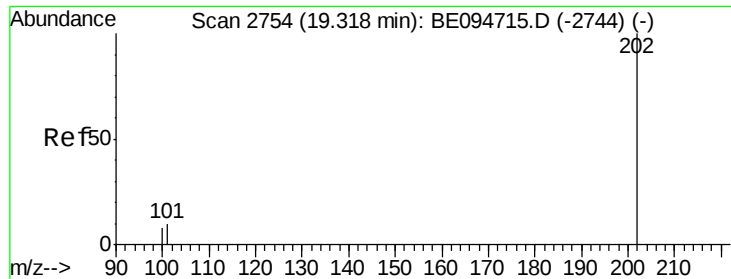
179 20.5 18.1 27.1

176 19.6 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: 0.48 ng/ul

RT: 19.31 min Scan# 2753

Delta R.T. -0.01 min

Lab File: BE094723.D

Acq: 4 Nov 2017 00:29

Instrument :

BNA_E

ClientSampleId :

DUP-6

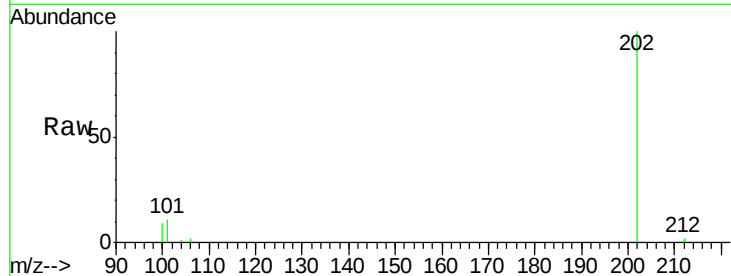
Tot Ion:202 Resp: 17017

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.3

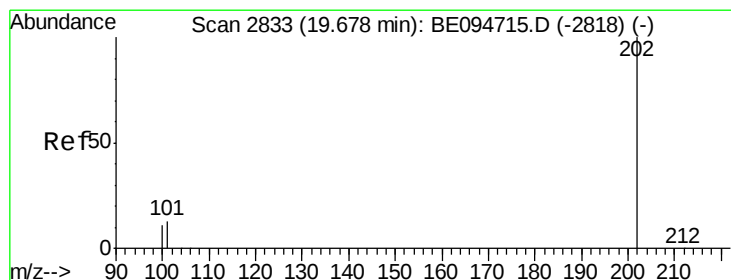
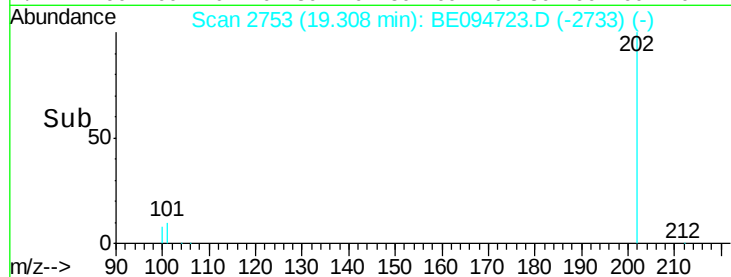
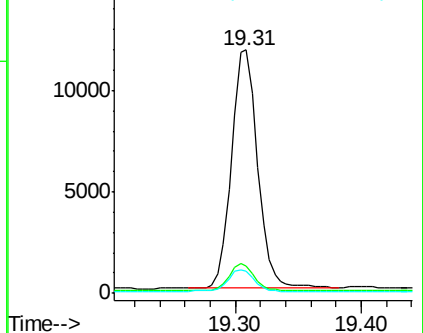
100 8.9 0.0 39.5



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: 0.54 ng/ul

RT: 19.67 min Scan# 2832

Delta R.T. -0.01 min

Lab File: BE094723.D

Acq: 4 Nov 2017 00:29

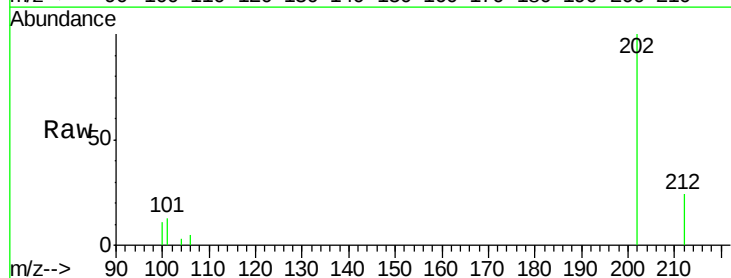
Tgt Ion:202 Resp: 19471

Ion Ratio Lower Upper

202 100

101 13.0 18.2 27.4#

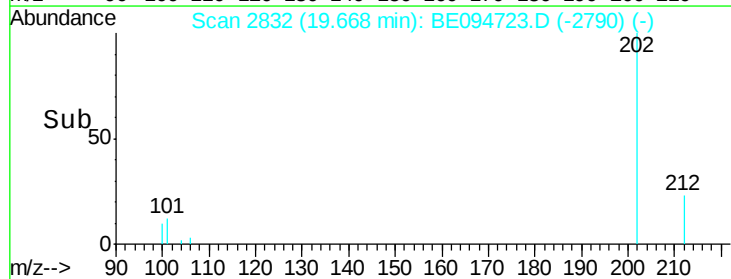
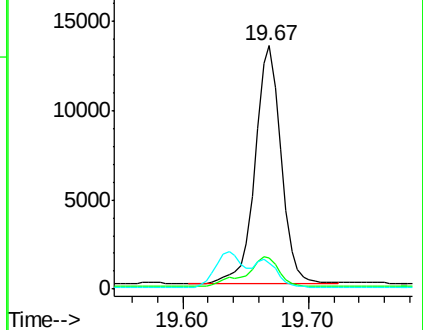
100 10.7 15.6 23.4#

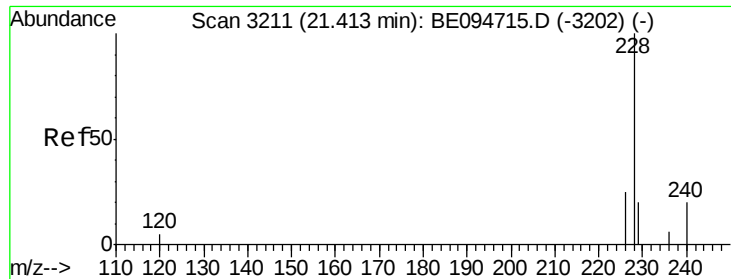


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

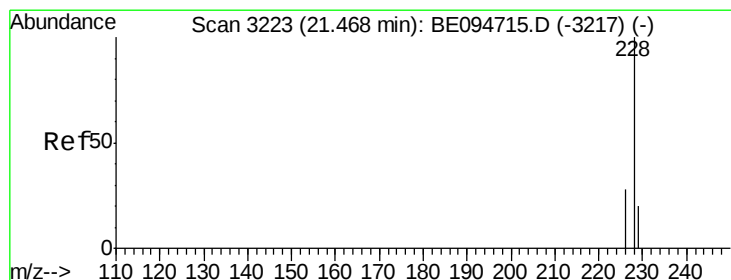
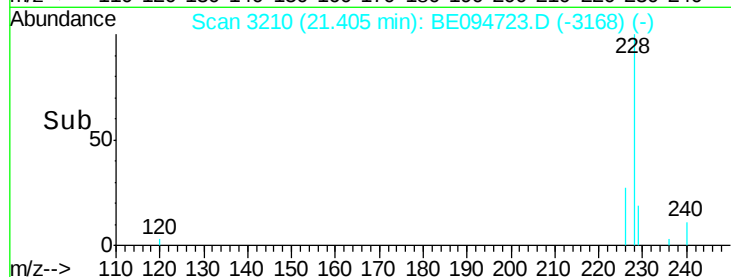
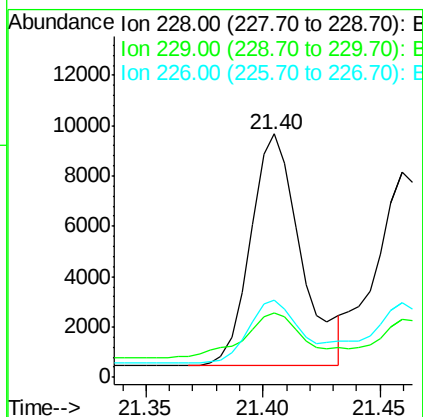
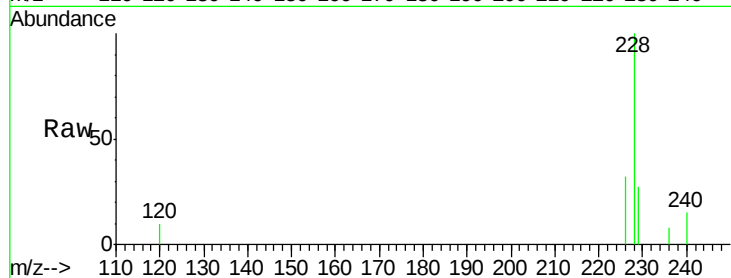




#18
Benzo(a)anthracene
Concen: 0.41 ng/ul
RT: 21.40 min Scan# 3210
Delta R.T. -0.01 min
Lab File: BE094723.D
Acq: 4 Nov 2017 00:29

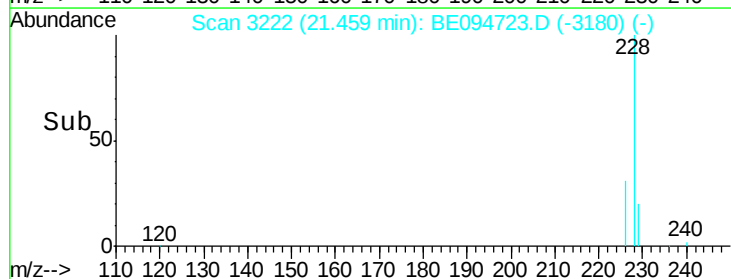
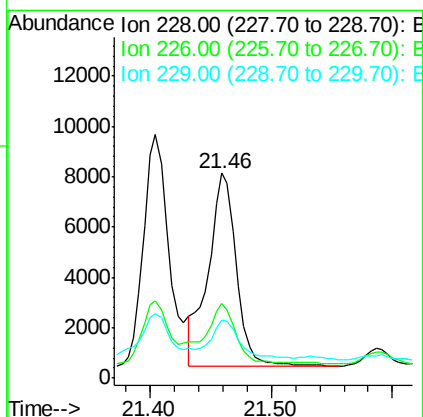
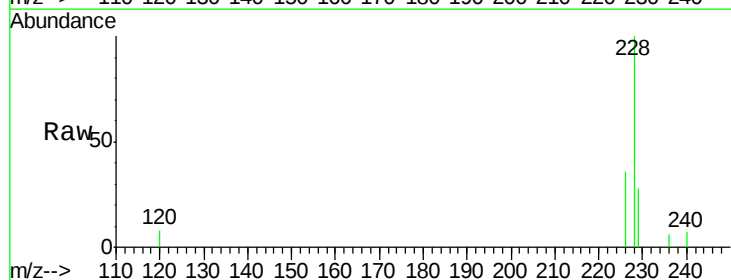
Instrument :
BNA_E
ClientSampleId :
DUP-6

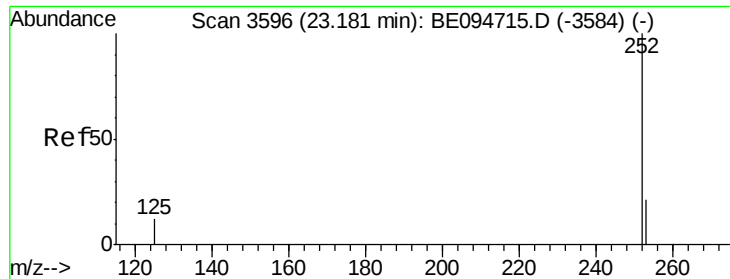
Tot Ion:228 Resp: 13748
Ion Ratio Lower Upper
228 100
229 26.7 22.8 34.2
226 31.9 17.0 25.6#



#19
Chrysene
Concen: 0.36 ng/ul
RT: 21.46 min Scan# 3222
Delta R.T. -0.01 min
Lab File: BE094723.D
Acq: 4 Nov 2017 00:29

Tgt Ion:228 Resp: 12531
Ion Ratio Lower Upper
228 100
226 36.4 23.4 35.0#
229 28.2 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.61 ng/ul

RT: 23.18 min Scan# 3597

Delta R.T. -0.00 min

Lab File: BE094723.D

Acq: 4 Nov 2017 00:29

Instrument :

BNA_E

ClientSampleId :

DUP-6

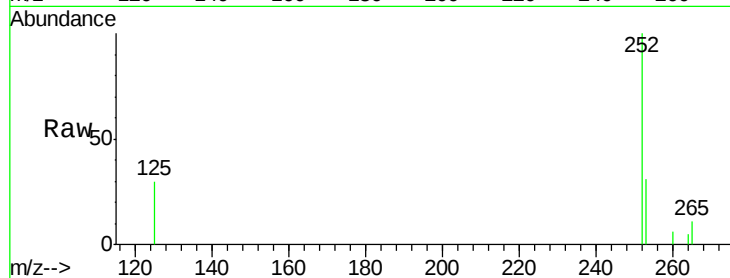
Tot Ion:252 Resp: 22982

Ion Ratio Lower Upper

252 100

253 31.1 0.0 64.2

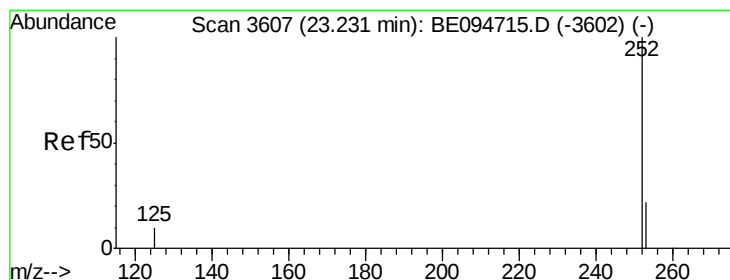
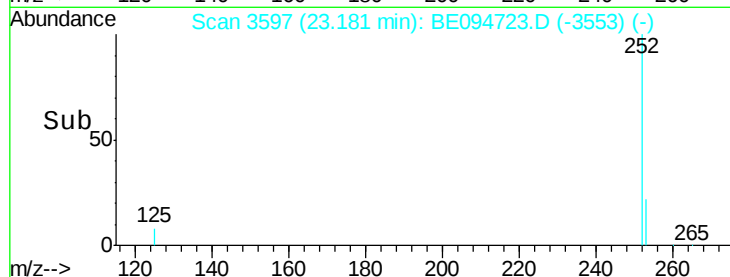
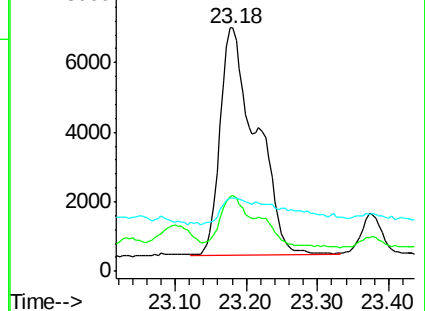
125 29.9 0.0 35.0



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: 0.56 ng/ul

RT: 23.18 min Scan# 3597

Delta R.T. -0.05 min

Lab File: BE094723.D

Acq: 4 Nov 2017 00:29

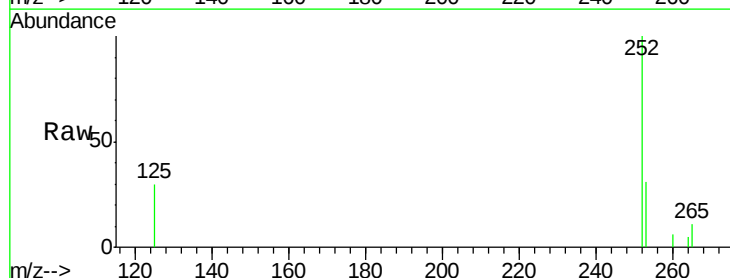
Tgt Ion:252 Resp: 22803

Ion Ratio Lower Upper

252 100

253 31.1 24.5 36.7

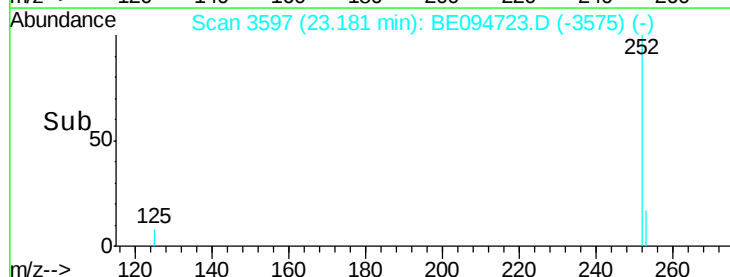
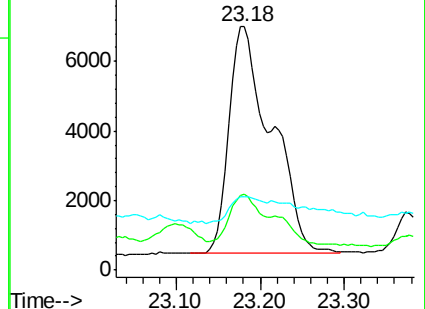
125 29.9 13.7 20.5#

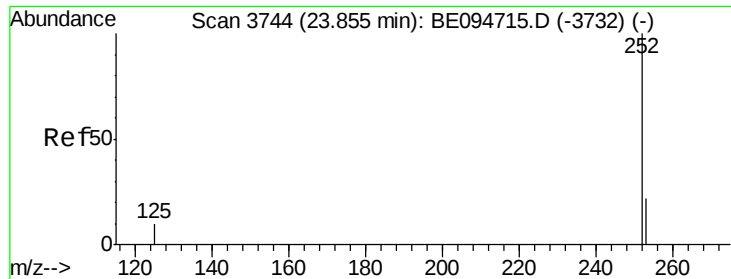


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.33 ng/ul

RT: 23.84 min Scan# 3742

Delta R.T. -0.01 min

Lab File: BE094723.D

Acq: 4 Nov 2017 00:29

Instrument :

BNA_E

ClientSampleId :

DUP-6

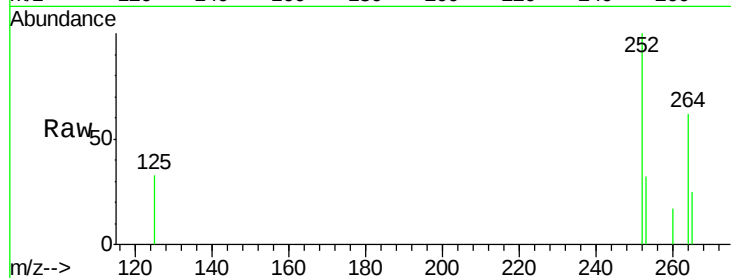
Tot Ion:252 Resp: 12265

Ion Ratio Lower Upper

252 100

253 31.8 28.5 42.7

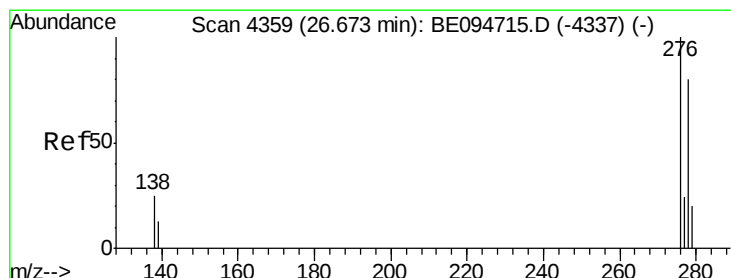
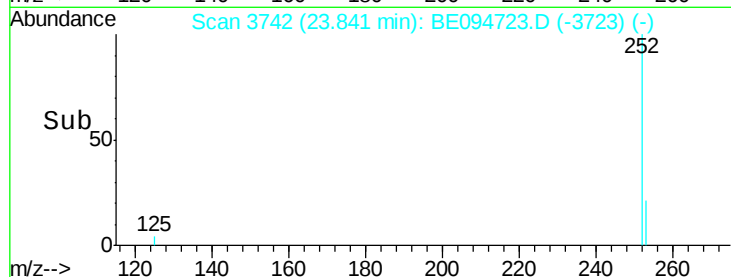
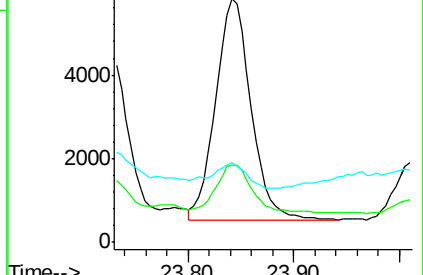
125 32.6 18.1 27.1#



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: 0.17 ng/ul

RT: 26.66 min Scan# 4358

Delta R.T. -0.01 min

Lab File: BE094723.D

Acq: 4 Nov 2017 00:29

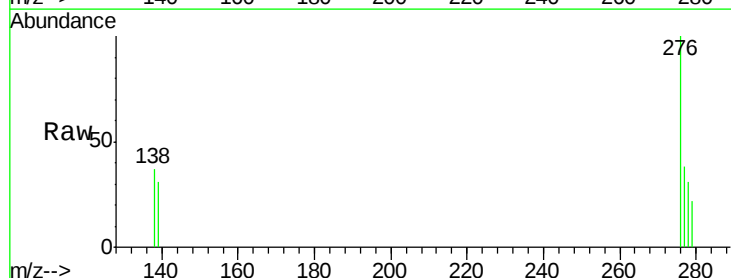
Tgt Ion:276 Resp: 6814

Ion Ratio Lower Upper

276 100

138 17.7 28.0 42.0#

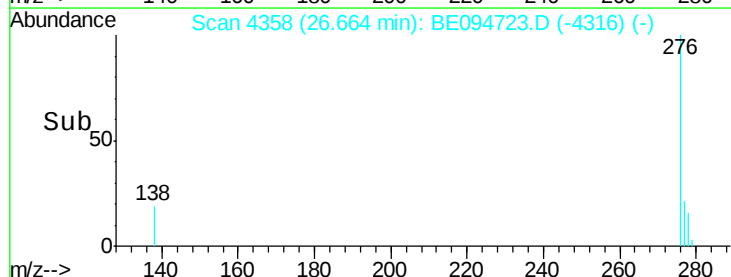
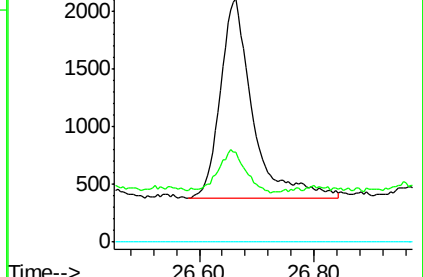
227 0.0 8.0 12.0#

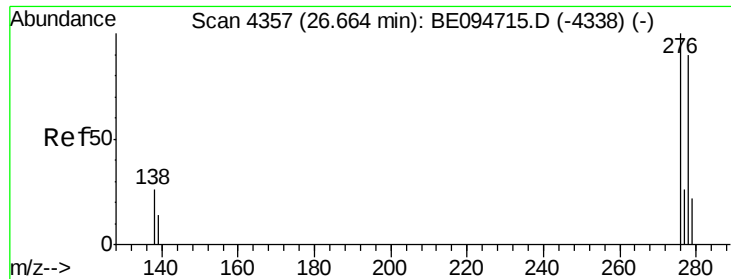


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.05 ng/ul

RT: 26.65 min Scan# 4354

Delta R.T. -0.02 min

Lab File: BE094723.D

Acq: 4 Nov 2017 00:29

Instrument :

BNA_E

ClientSampleId :

DUP-6

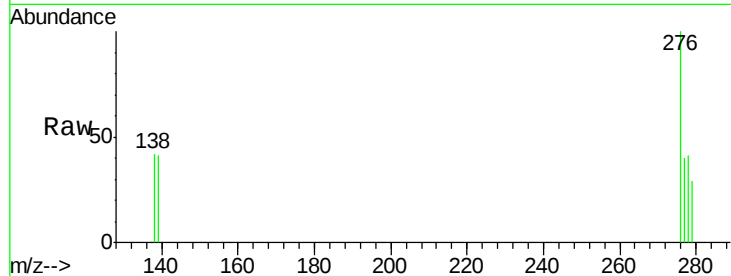
Tot Ion:278 Resp: 1605

Ion Ratio Lower Upper

278 100

139 99.1 17.4 26.0#

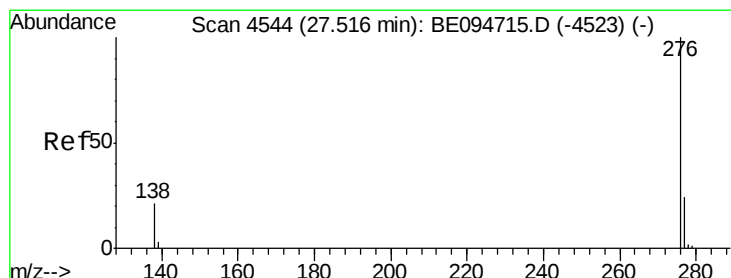
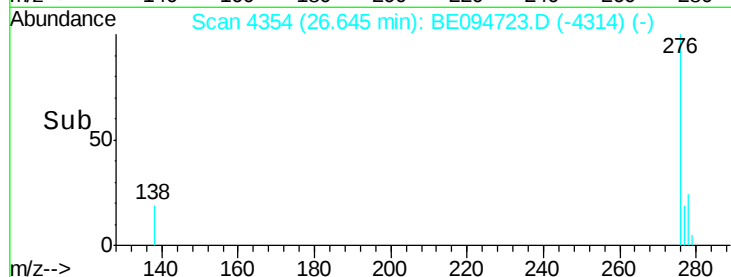
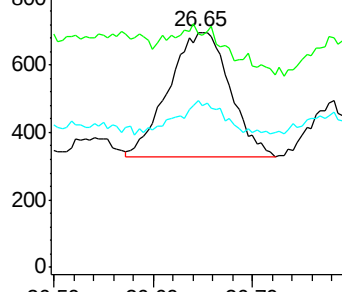
279 70.9 25.9 38.9#



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(g,h,i)perylene

Concen: 0.20 ng/ul

RT: 27.50 min Scan# 4542

Delta R.T. -0.01 min

Lab File: BE094723.D

Acq: 4 Nov 2017 00:29

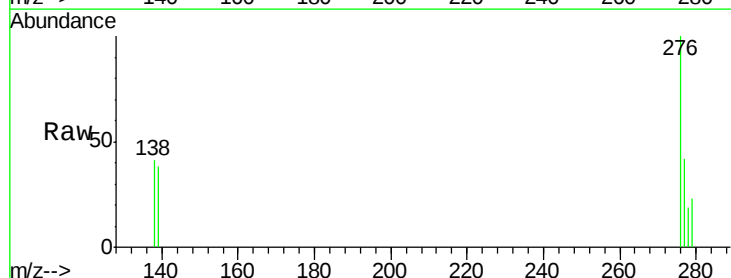
Tgt Ion:276 Resp: 6283

Ion Ratio Lower Upper

276 100

138 41.5 21.8 32.8#

277 42.4 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

