

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
 Data File : BE094232.D
 Acq On : 9 Oct 2017 22:02
 Operator : SJ/JU
 Sample : I5522-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 10 08:50:29 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 09 04:05:38 2017
 Response via : Initial Calibration

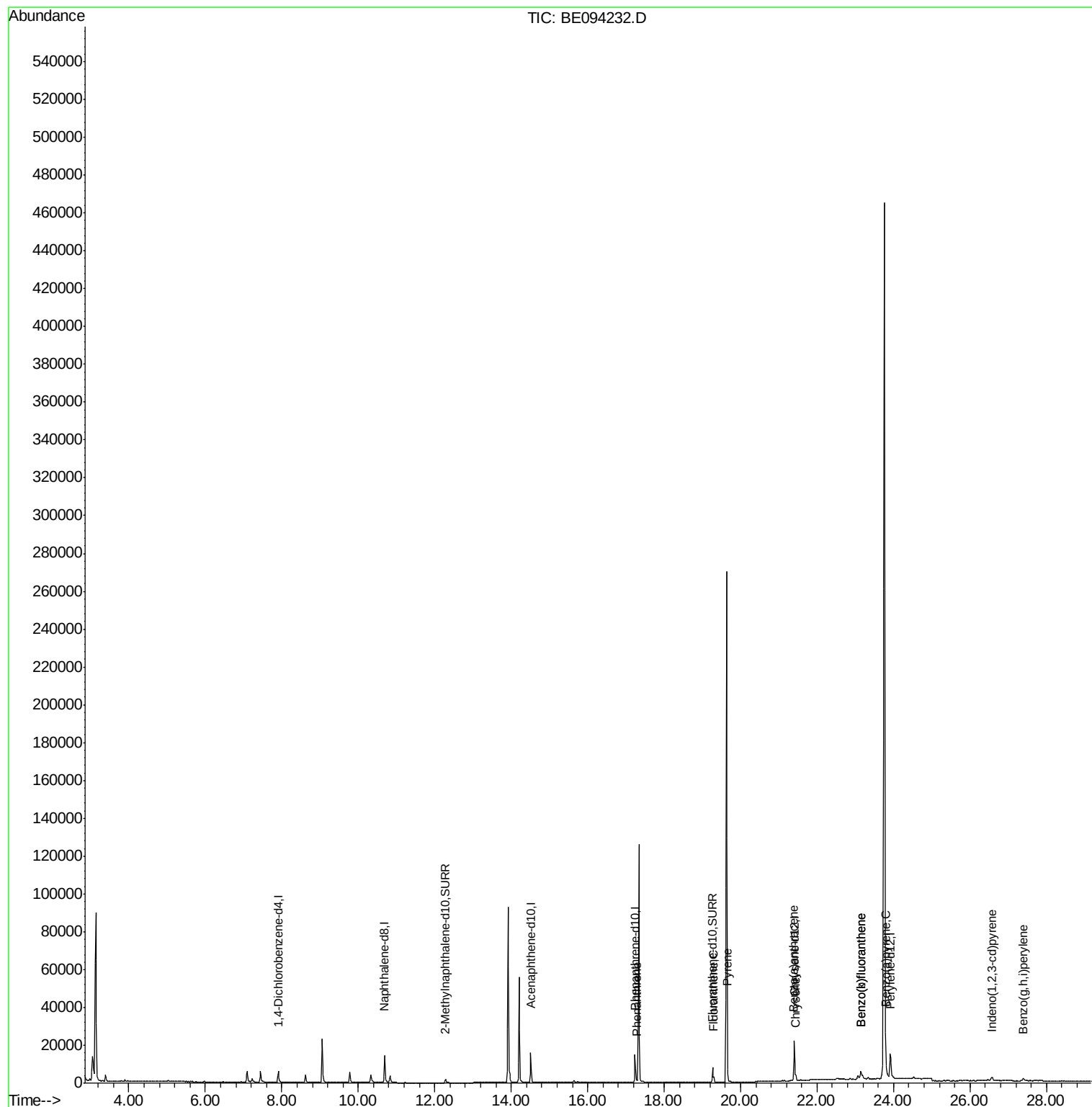
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2944	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	15450	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	8889	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.24	188	19792	0.40	ng/ul	-0.03
16) Chrysene-d12	21.41	240	19775	0.40	ng/ul	-0.01
20) Perylene-d12	23.92	264	21912	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3254	0.14	ng/ul	-0.01
14) Fluoranthene-d10	19.27	212	9059	0.14	ng/ul	-0.02
Target Compounds						
12) Phenanthrene	17.29	178	1182	0.02	ng/ul#	89
15) Fluoranthene	19.30	202	3783	0.06	ng/ul	85
17) Pyrene	19.66	202	4119	0.07	ng/ul#	87
18) Benzo(a)anthracene	21.39	228	3369	0.06	ng/ul#	89
19) Chrysene	21.45	228	4595	0.08	ng/ul#	90
21) Benzo(b)fluoranthene	23.15	252	10005	0.17	ng/ul	90
22) Benzo(k)fluoranthene	23.15	252	10005	0.15	ng/ul#	90
23) Benzo(a)pyrene	23.81	252	4481	0.07	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.57	276	3490	0.06	ng/ul#	81
26) Benzo(g,h,i)perylene	27.39	276	3136	0.06	ng/ul#	73

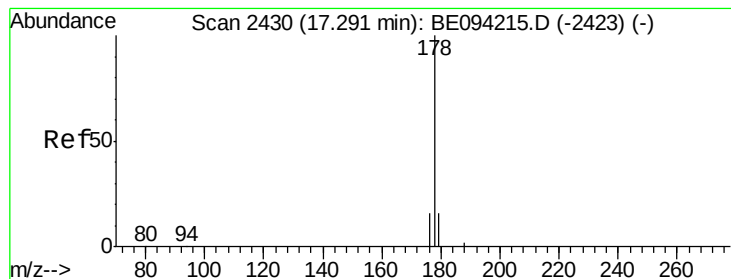
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.02 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094232.D

Acq: 9 Oct 2017 22:02

Instrument :

BNA_E

ClientSampleId :

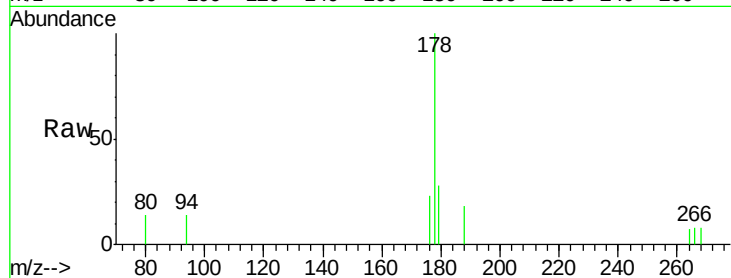
Tot Ion:178 Resp: 1182

Ion Ratio Lower Upper

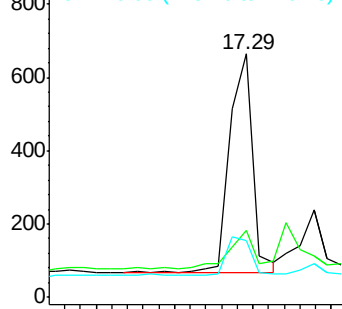
178 100

179 27.6 18.4 27.6

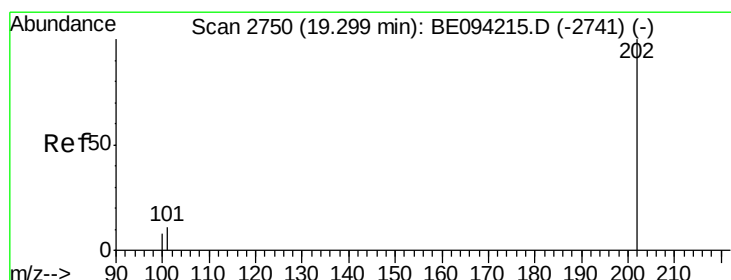
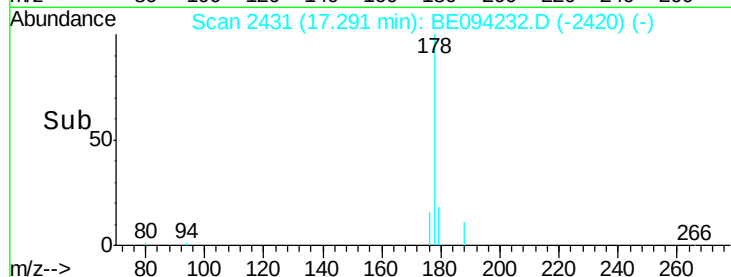
176 23.0 13.6 20.4#



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



Time-->



#15

Fluoranthene

Concen: 0.06 ng/ul

RT: 19.30 min Scan# 2751

Delta R.T. -0.01 min

Lab File: BE094232.D

Acq: 9 Oct 2017 22:02

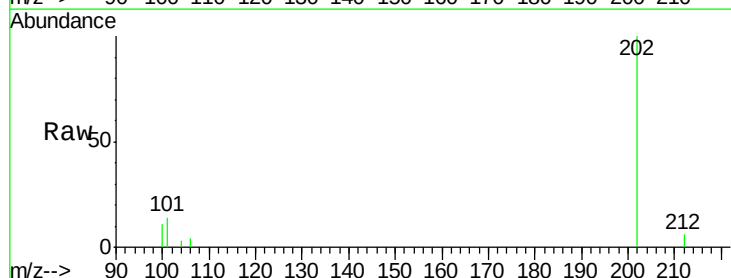
Tgt Ion:202 Resp: 3783

Ion Ratio Lower Upper

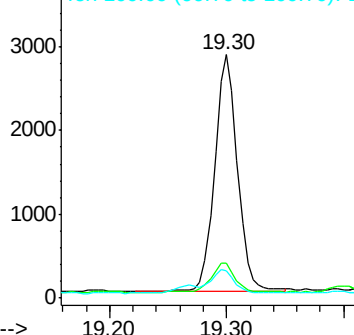
202 100

101 14.3 0.0 30.3

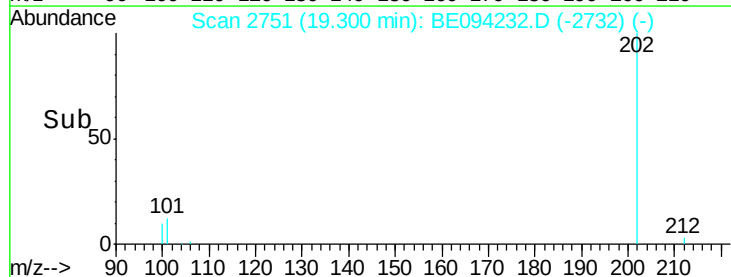
100 11.4 0.0 39.5

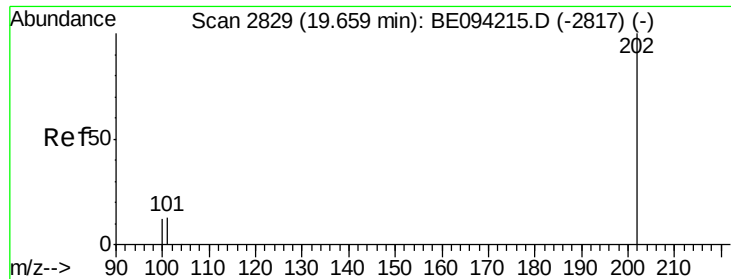


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E



Time-->

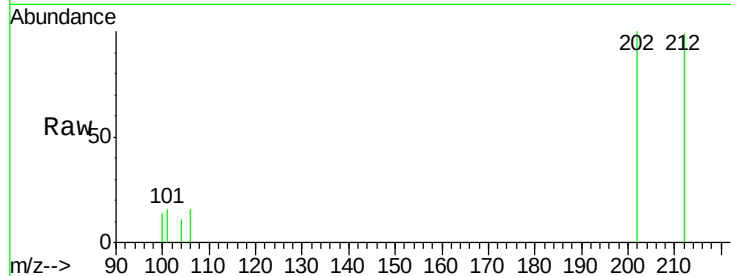




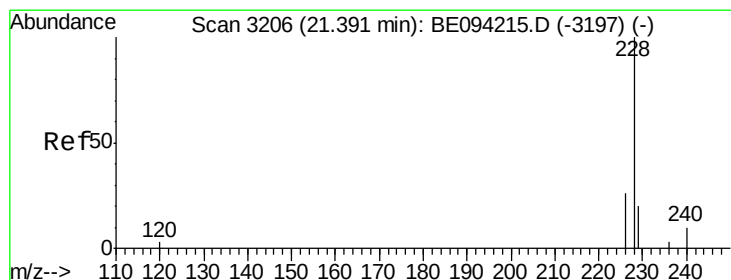
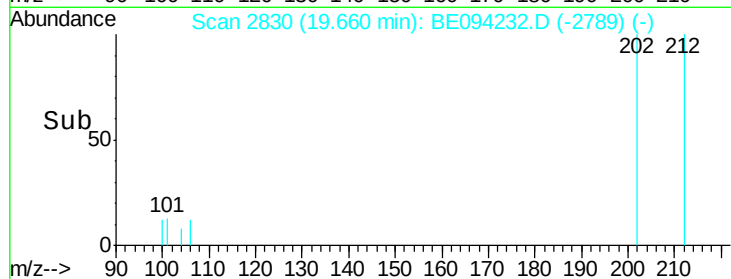
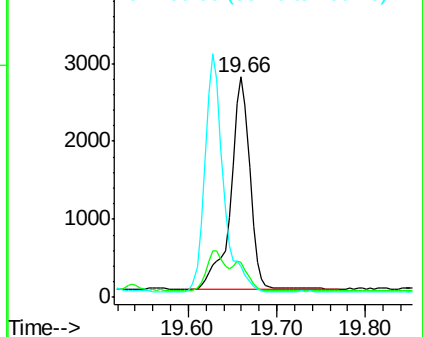
#17
Pvrene
Concen: 0.07 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BE094232.D
Acq: 9 Oct 2017 22:02

Instrument :
BNA_E
ClientSampleId :

Tot Ion:202 Resp: 4119
Ion Ratio Lower Upper
202 100
101 16.1 18.2 27.4#
100 14.3 15.6 23.4#

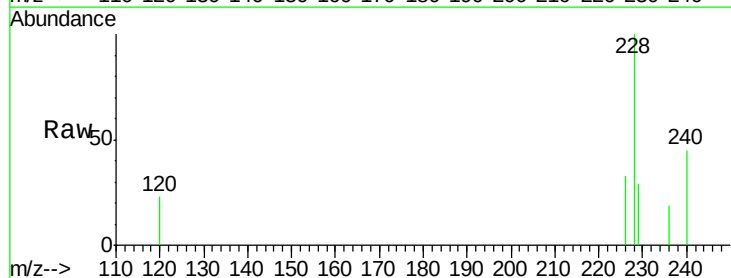


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E

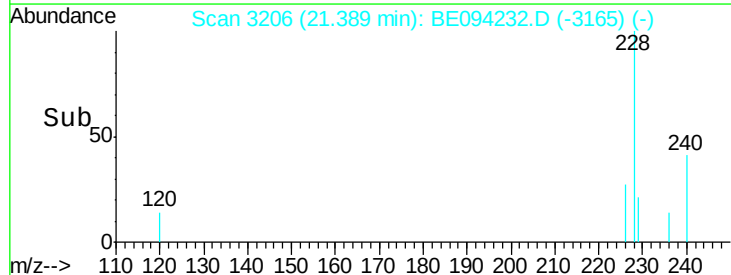
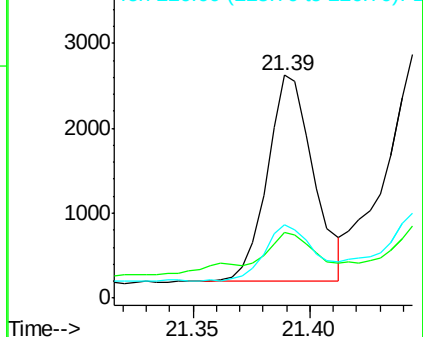


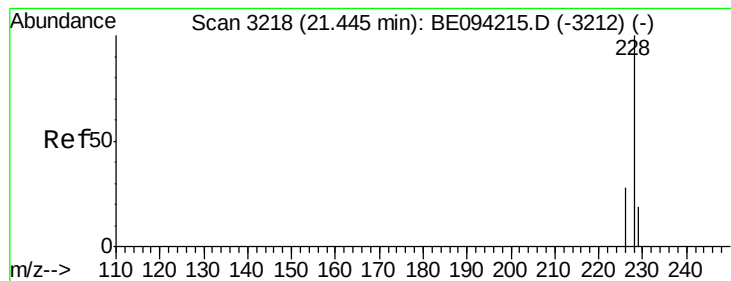
#18
Benzo(a)anthracene
Concen: 0.06 ng/ul
RT: 21.39 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BE094232.D
Acq: 9 Oct 2017 22:02

Tgt Ion:228 Resp: 3369
Ion Ratio Lower Upper
228 100
229 29.4 22.8 34.2
226 32.7 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: 0.08 ng/ul

RT: 21.45 min Scan# 3219

Delta R.T. -0.01 min

Lab File: BE094232.D

Acq: 9 Oct 2017 22:02

Instrument :

BNA_E

ClientSampleId :

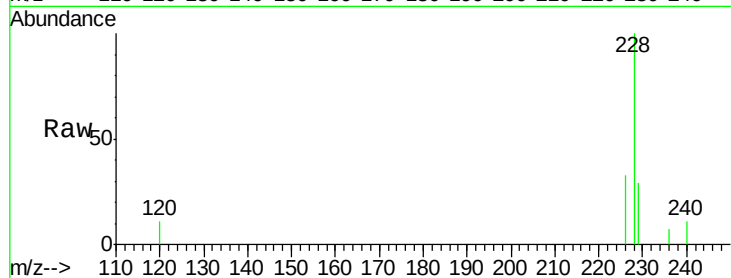
Tot Ion:228 Resp: 4595

Ion Ratio Lower Upper

228 100

226 33.0 23.4 35.0

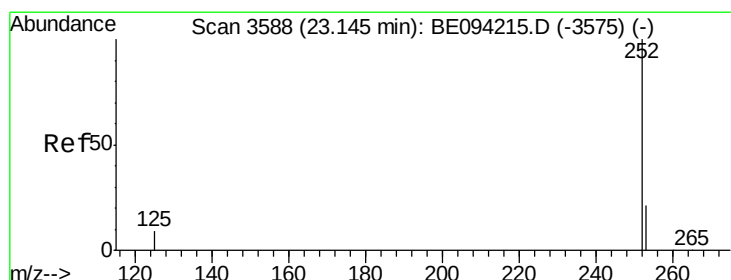
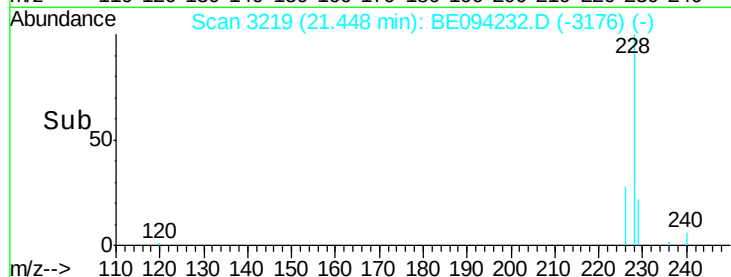
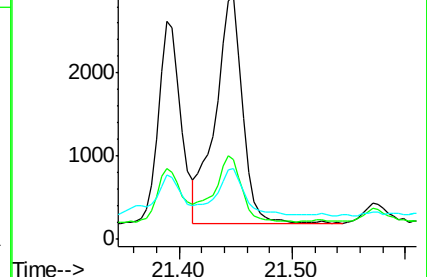
229 29.1 17.7 26.5#



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: 0.17 ng/ul

RT: 23.15 min Scan# 3589

Delta R.T. -0.00 min

Lab File: BE094232.D

Acq: 9 Oct 2017 22:02

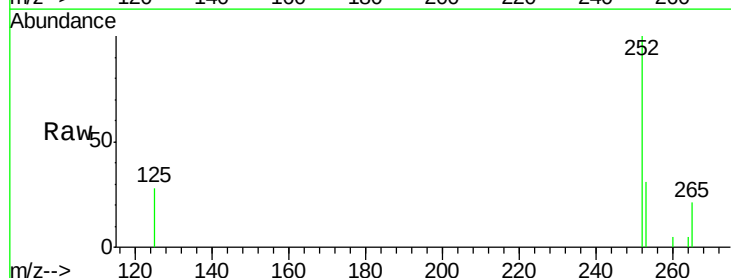
Tgt Ion:252 Resp: 10005

Ion Ratio Lower Upper

252 100

253 31.2 0.0 64.2

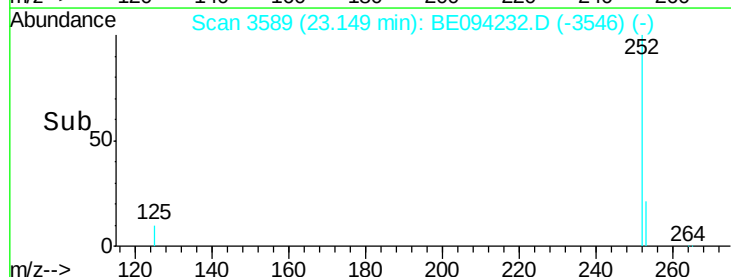
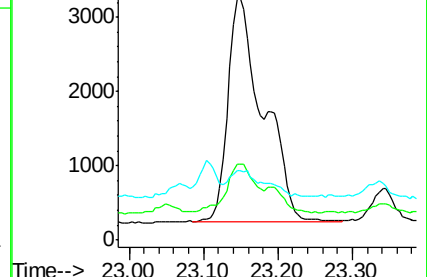
125 28.3 0.0 35.0

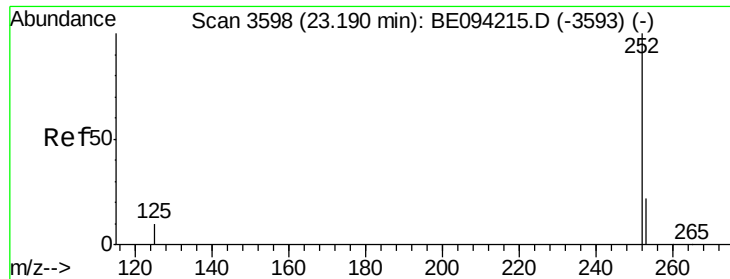


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.15 ng/ul

RT: 23.15 min Scan# 3589

Delta R.T. -0.05 min

Lab File: BE094232.D

Acq: 9 Oct 2017 22:02

Instrument :

BNA_E

ClientSampleId :

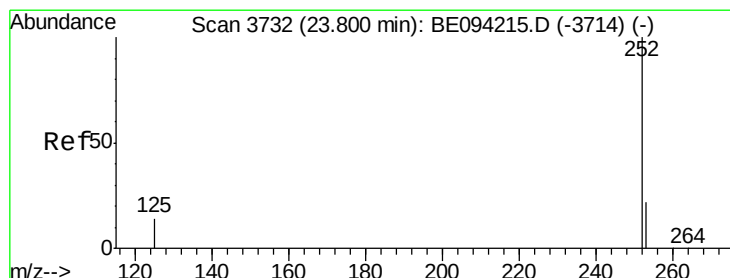
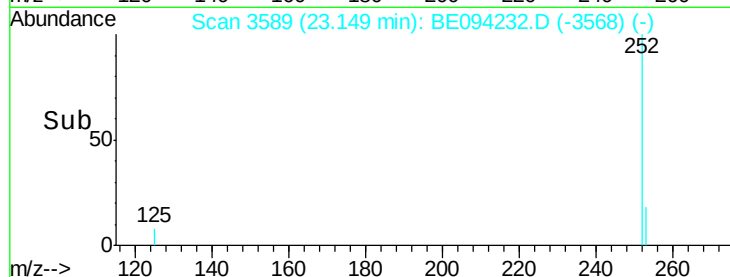
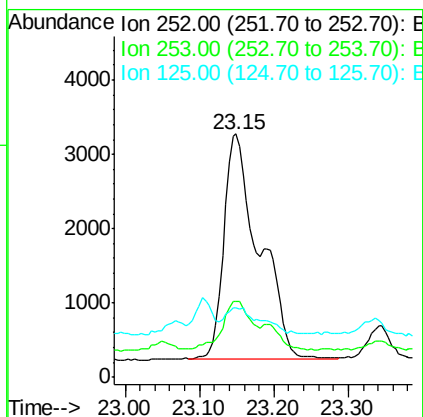
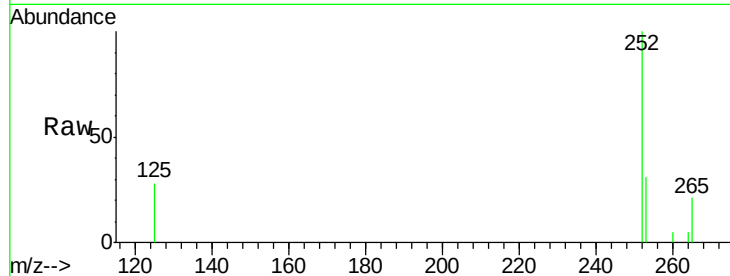
Tot Ion:252 Resp: 10005

Ion Ratio Lower Upper

252 100

253 31.2 24.5 36.7

125 28.3 13.7 20.5#



#23

Benzo(a)pyrene

Concen: 0.07 ng/ul

RT: 23.81 min Scan# 3733

Delta R.T. -0.01 min

Lab File: BE094232.D

Acq: 9 Oct 2017 22:02

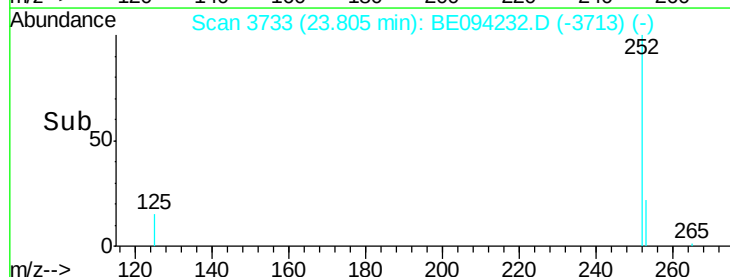
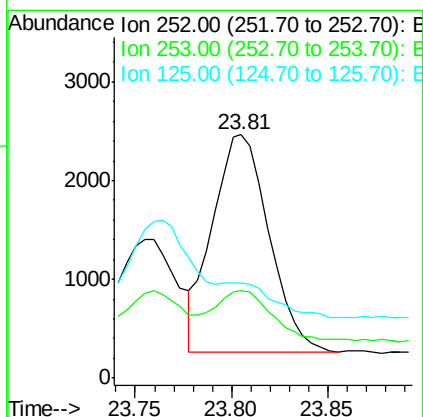
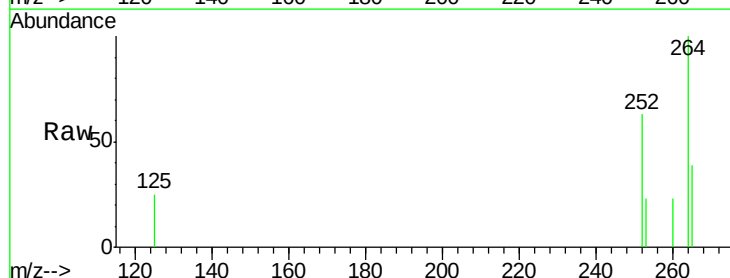
Tgt Ion:252 Resp: 4481

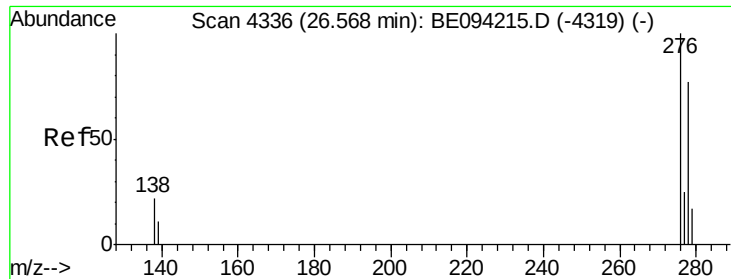
Ion Ratio Lower Upper

252 100

253 36.2 28.5 42.7

125 38.9 18.1 27.1#

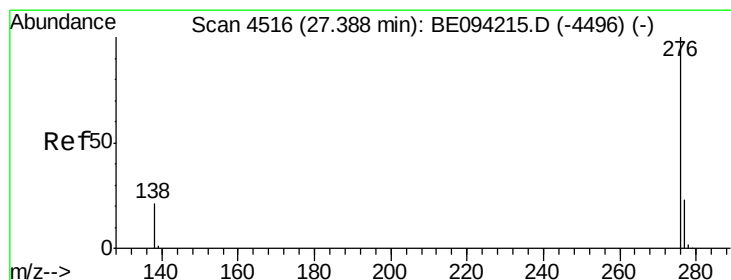
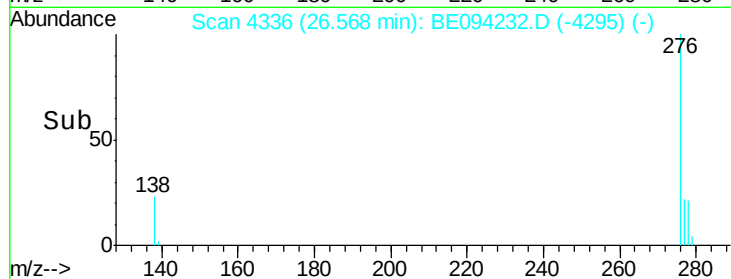
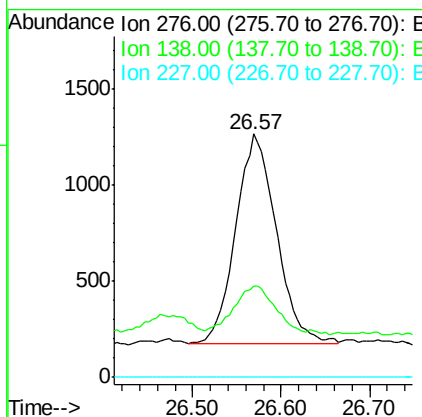
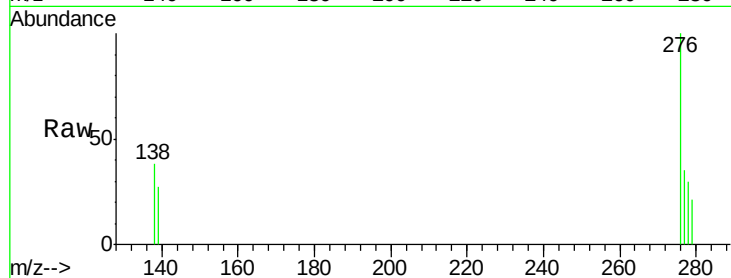




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.06 ng/ul
 RT: 26.57 min Scan# 4336
 Delta R.T. -0.01 min
 Lab File: BE094232.D
 Acq: 9 Oct 2017 22:02

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 3490
 Ion Ratio Lower Upper
 276 100
 138 25.2 28.0 42.0#
 227 0.0 8.0 12.0#



#26
 Benzo(g,h,i)perylene
 Concen: 0.06 ng/ul
 RT: 27.39 min Scan# 4516
 Delta R.T. -0.01 min
 Lab File: BE094232.D
 Acq: 9 Oct 2017 22:02

Tgt Ion:276 Resp: 3136
 Ion Ratio Lower Upper
 276 100
 138 41.7 21.8 32.8#
 277 38.9 20.5 30.7#

