

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094634.D
 Acq On : 28 Oct 2017 22:00
 Operator : SJ/JU
 Sample : I5842-09DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA7DL

Quant Time: Oct 30 04:37:58 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 04:29:38 2017
 Response via : Initial Calibration

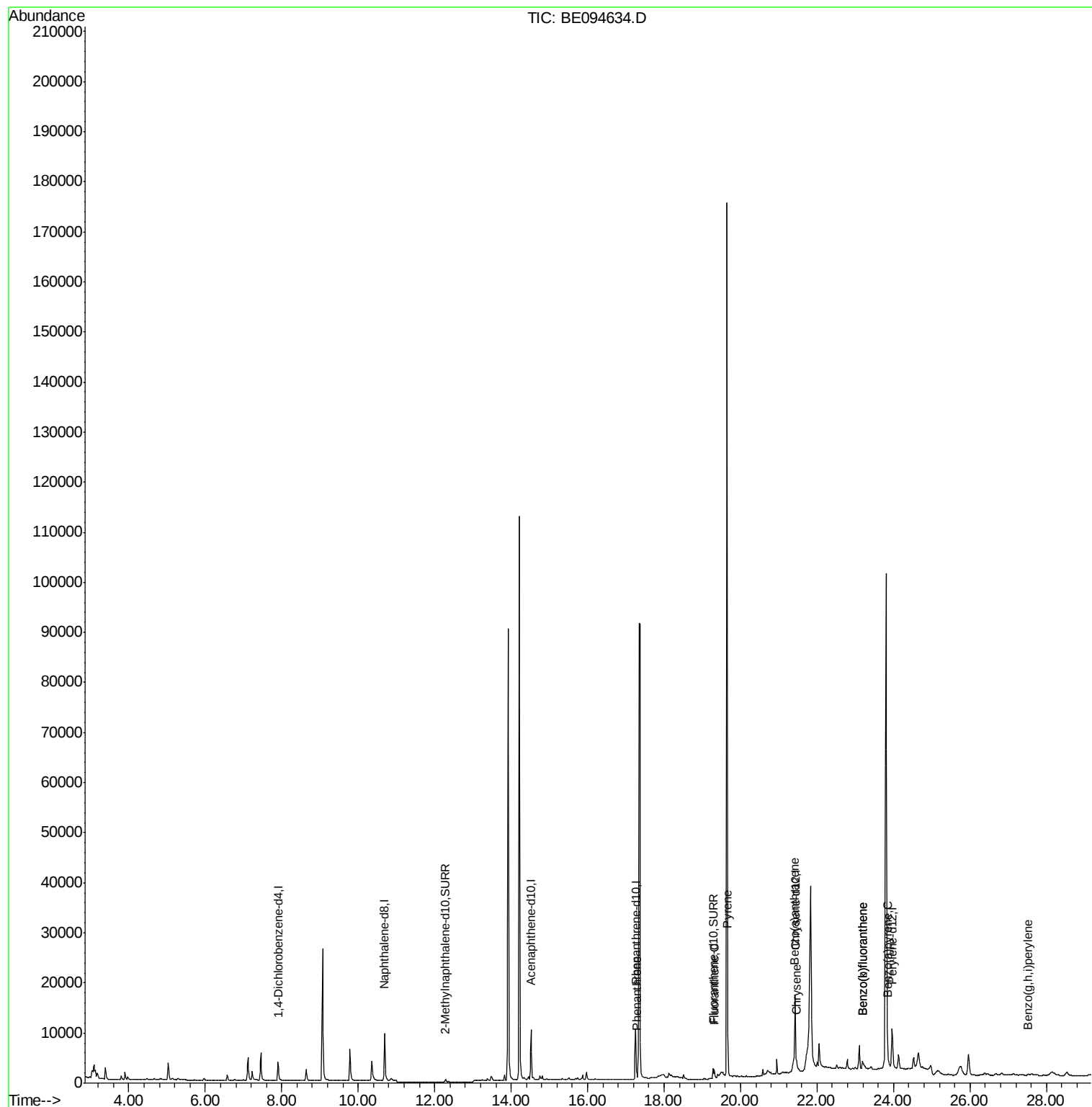
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1949	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	11121	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	6147	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	13263	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	13078	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	13239	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	979	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	2314	0.06	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.29	178	883	0.025	ng/ul#	72
15) Fluoranthene	19.31	202	2051	0.051	ng/ul	83
17) Pyrene	19.67	202	2011	0.050	ng/ul	99
18) Benzo(a)anthracene	21.41	228	1165	0.031	ng/ul#	1
19) Chrysene	21.47	228	1350	0.035	ng/ul#	22
21) Benzo(b)fluoranthene	23.19	252	2406	0.065	ng/ul#	1
22) Benzo(k)fluoranthene	23.19	252	2406	0.060	ng/ul#	1
23) Benzo(a)pyrene	23.85	252	945	0.025	ng/ul#	1
26) Benzo(g,h,i)perylene	27.52	276	679	0.022	ng/ul#	1

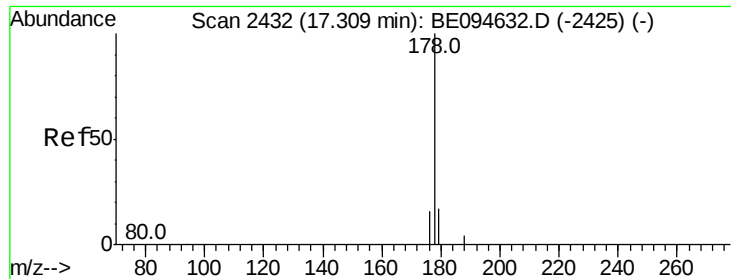
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.025 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094634.D

Acq: 28 Oct 2017 22:00

Instrument :

BNA_E

ClientSampleId :

C0AA7DL

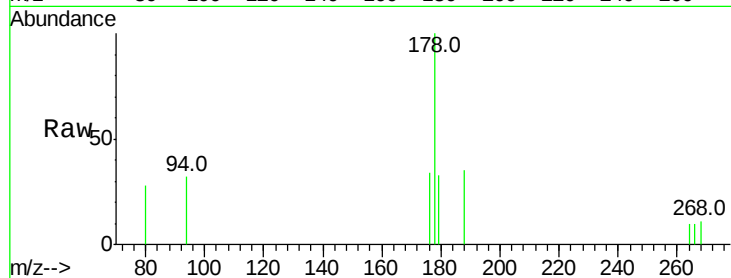
Tot Ion:178 Resp: 883

Ion Ratio Lower Upper

178 100

179 32.8 18.4 27.6#

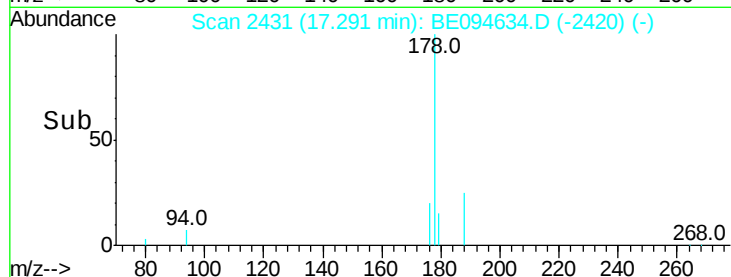
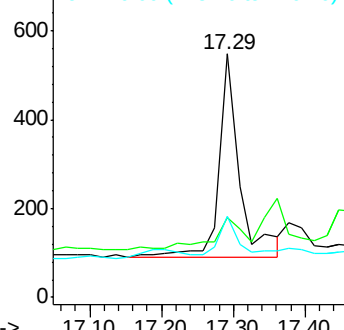
176 33.6 13.6 20.4#



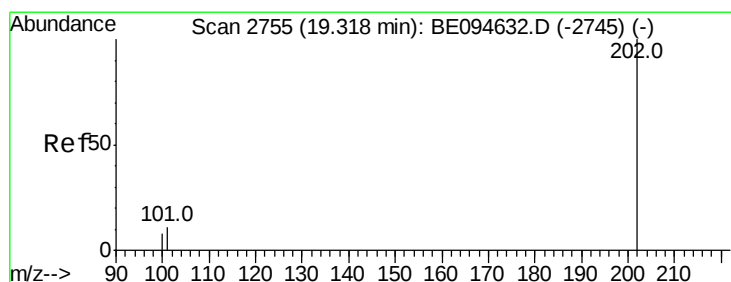
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#15

Fluoranthene

Concen: 0.051 ng/ul

RT: 19.31 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BE094634.D

Acq: 28 Oct 2017 22:00

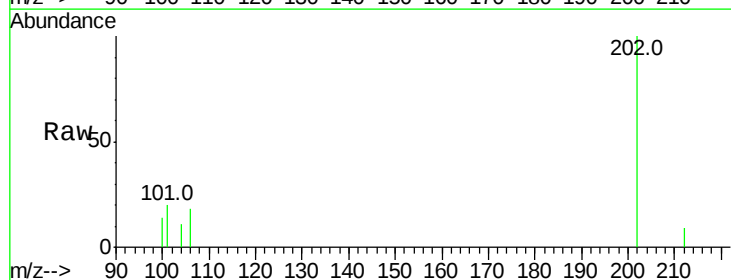
Tgt Ion:202 Resp: 2051

Ion Ratio Lower Upper

202 100

101 20.0 0.0 30.3

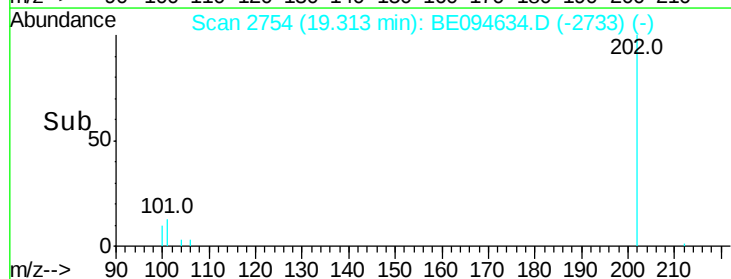
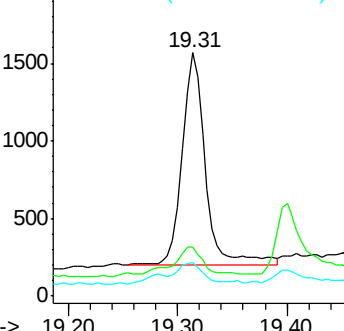
100 14.0 0.0 39.5



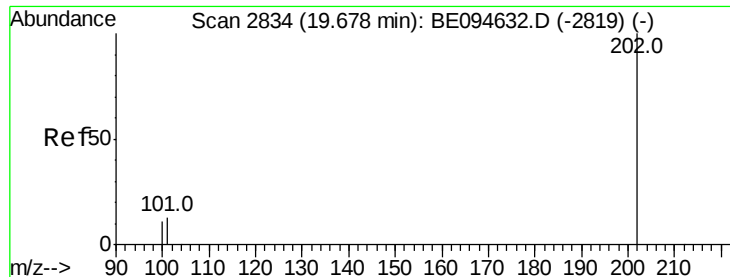
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



Time-->



#17

Pvrene

Concen: 0.050 ng/ul

RT: 19.67 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BE094634.D

Acq: 28 Oct 2017 22:00

Instrument :

BNA_E

ClientSampleId :

C0AA7DL

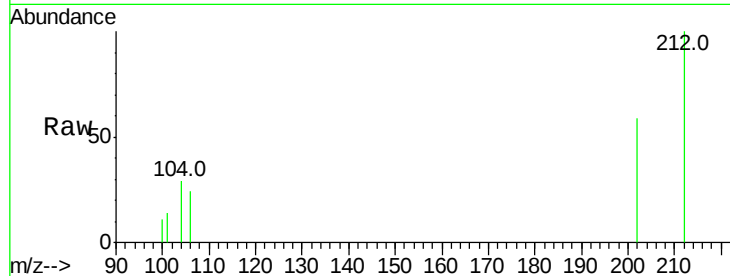
Tot Ion:202 Resp: 2011

Ion Ratio Lower Upper

202 100

101 23.1 18.2 27.4

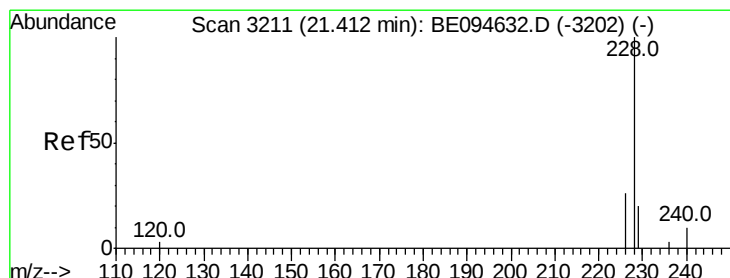
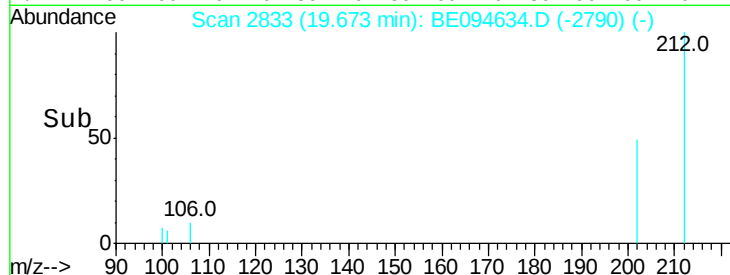
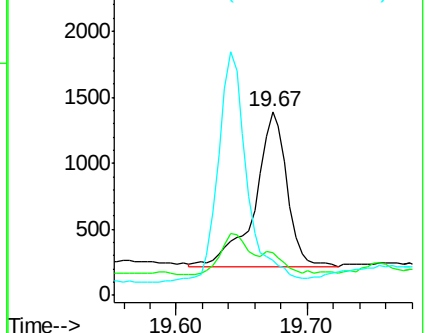
100 19.0 15.6 23.4



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: 0.031 ng/ul

RT: 21.41 min Scan# 3211

Delta R.T. 0.00 min

Lab File: BE094634.D

Acq: 28 Oct 2017 22:00

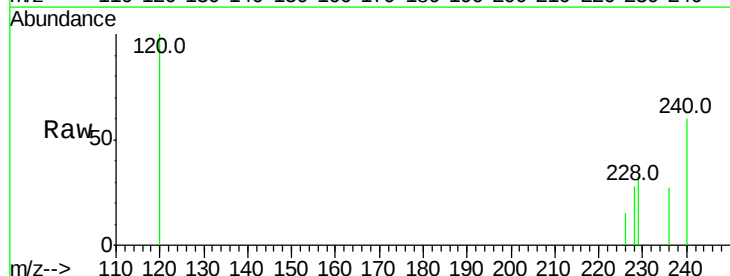
Tgt Ion:228 Resp: 1165

Ion Ratio Lower Upper

228 100

229 114.8 22.8 34.2#

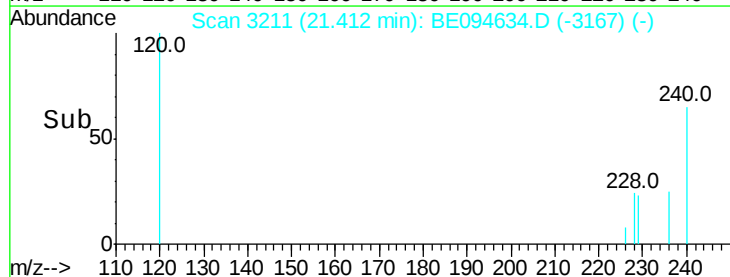
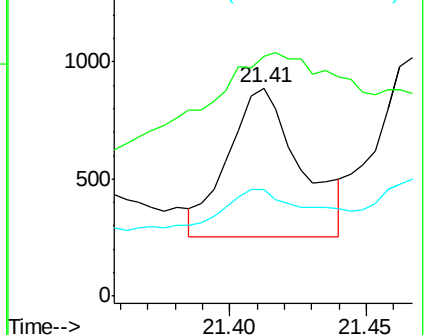
226 51.1 17.0 25.6#

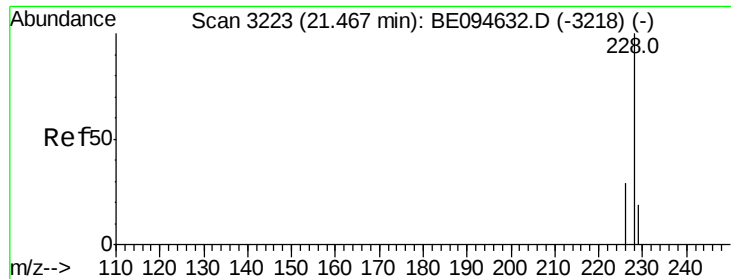


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.035 ng/ul

RT: 21.47 min Scan# 3223

Delta R.T. 0.00 min

Lab File: BE094634.D

Acq: 28 Oct 2017 22:00

Instrument :

BNA_E

ClientSampleId :

C0AA7DL

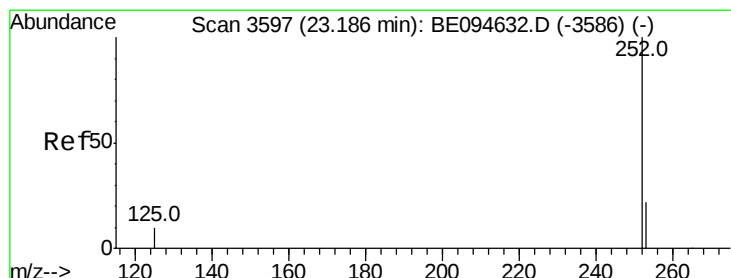
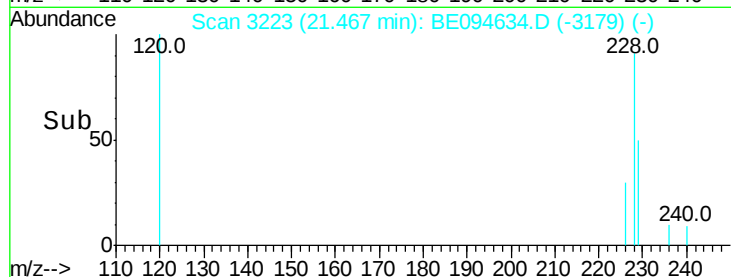
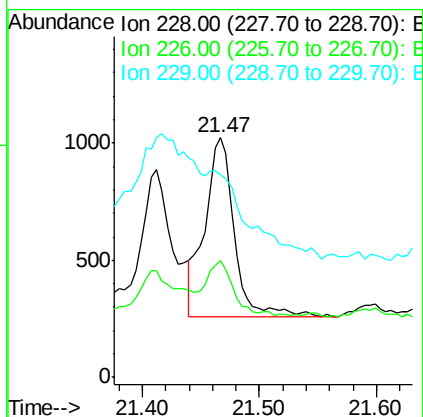
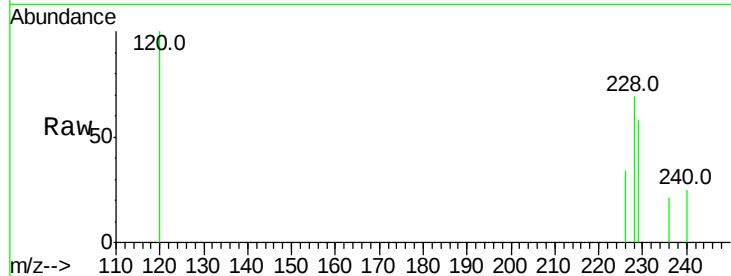
Tot Ion:228 Resp: 1350

Ion Ratio Lower Upper

228 100

226 49.0 23.4 35.0#

229 84.8 17.7 26.5#



#21

Benzo(b)fluoranthene

Concen: 0.065 ng/ul

RT: 23.19 min Scan# 3598

Delta R.T. 0.00 min

Lab File: BE094634.D

Acq: 28 Oct 2017 22:00

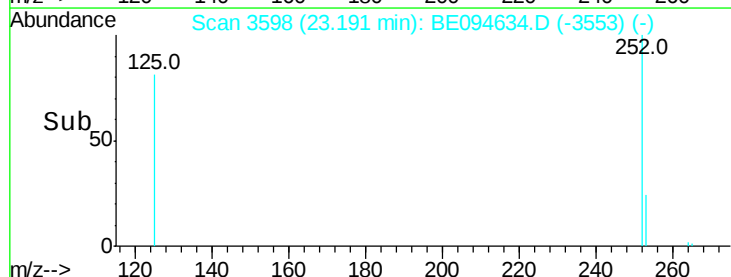
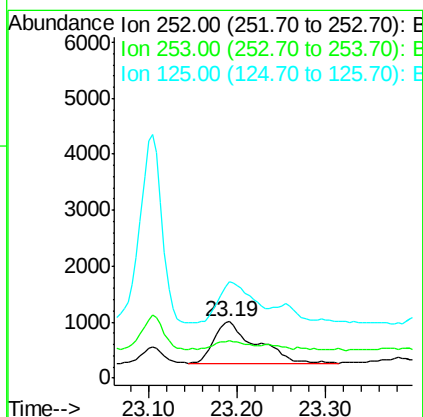
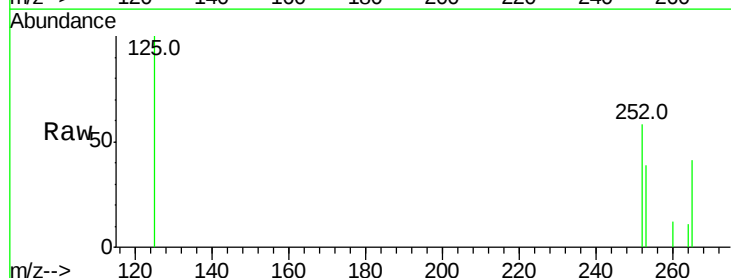
Tgt Ion:252 Resp: 2406

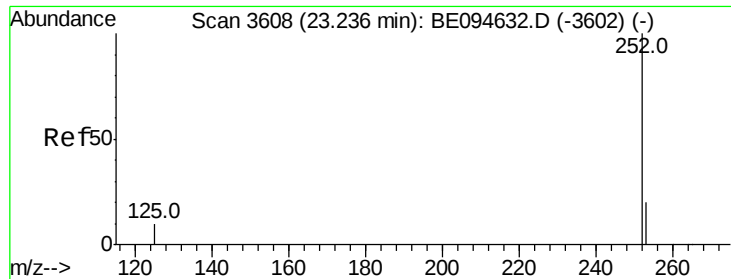
Ion Ratio Lower Upper

252 100

253 67.6 0.0 64.2#

125 171.8 0.0 35.0#





#22

Benzo(k)fluoranthene

Concen: 0.060 ng/ul

RT: 23.19 min Scan# 3598

Delta R.T. -0.05 min

Lab File: BE094634.D

Acq: 28 Oct 2017 22:00

Instrument :

BNA_E

ClientSampleId :

C0AA7DL

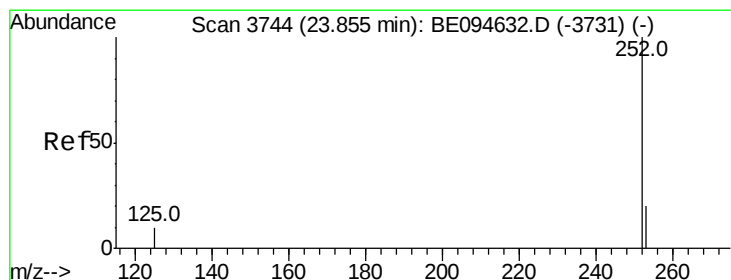
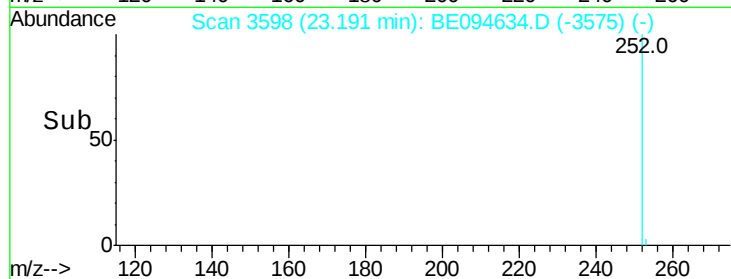
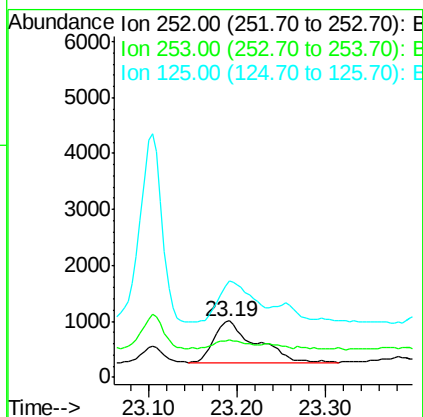
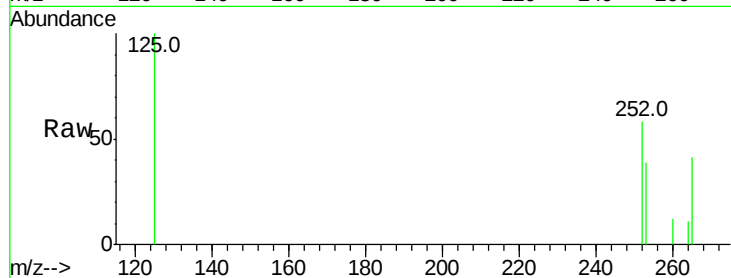
Tot Ion:252 Resp: 2406

Ion Ratio Lower Upper

252 100

253 67.6 24.5 36.7#

125 171.8 13.7 20.5#



#23

Benzo(a)pyrene

Concen: 0.025 ng/ul

RT: 23.85 min Scan# 3743

Delta R.T. -0.00 min

Lab File: BE094634.D

Acq: 28 Oct 2017 22:00

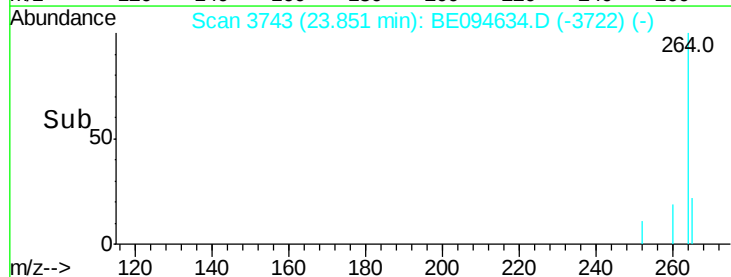
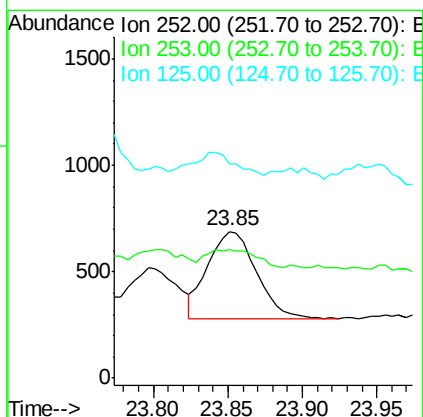
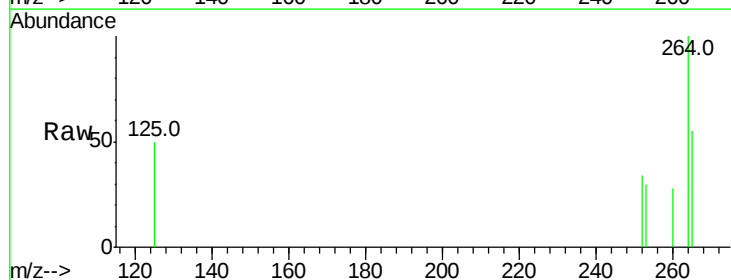
Tgt Ion:252 Resp: 945

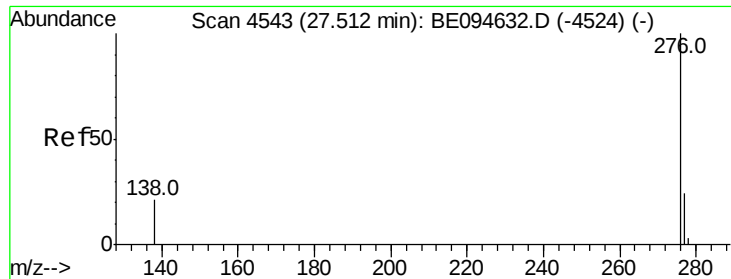
Ion Ratio Lower Upper

252 100

253 87.8 28.5 42.7#

125 145.7 18.1 27.1#





#26

Benzo(a,h,i)perylene

Concen: 0.022 ng/ul

RT: 27.52 min Scan# 4545

Delta R.T. 0.01 min

Lab File: BE094634.D

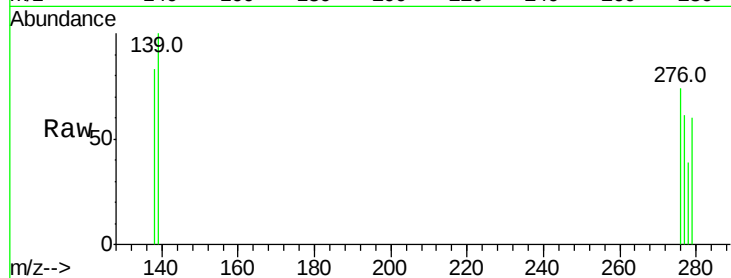
Acq: 28 Oct 2017 22:00

Instrument :

BNA_E

ClientSampleId :

C0AA7DL



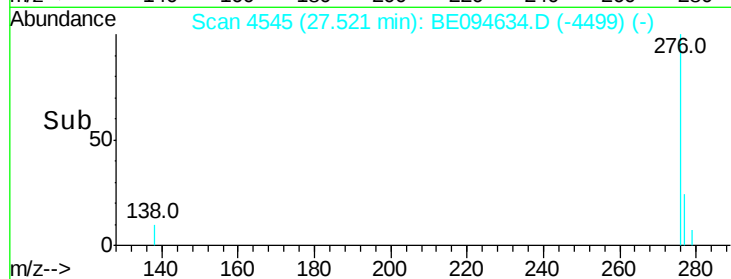
Tot Ion:276 Resp: 679

Ion Ratio Lower Upper

276 100

138 112.6 21.8 32.8#

277 82.0 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

