

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
 Data File : BE094627.D
 Acq On : 28 Oct 2017 17:44
 Operator : SJ/JU
 Sample : I5842-19DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB8DL

Quant Time: Oct 30 02:59:10 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 02:53:50 2017
 Response via : Initial Calibration

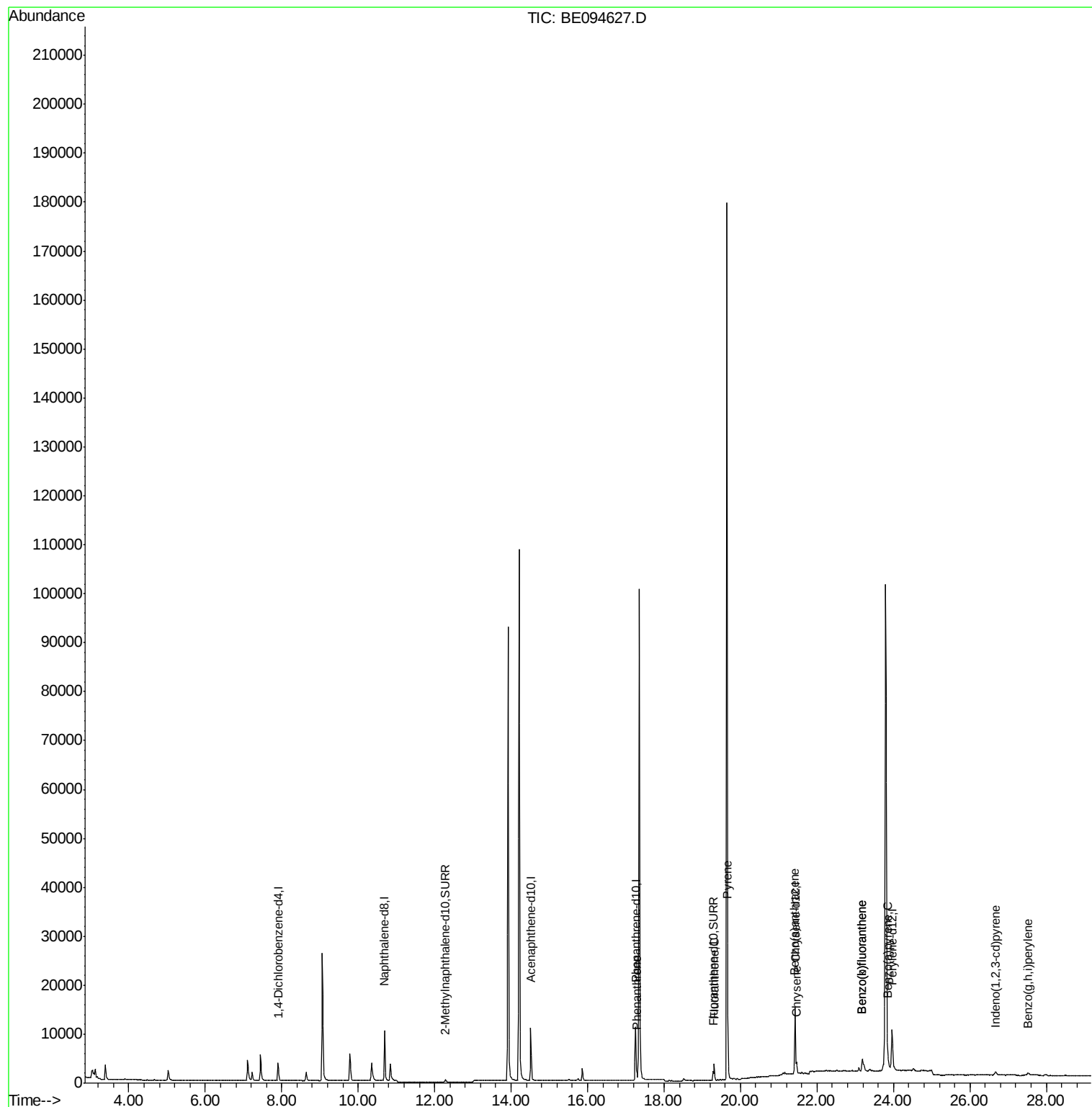
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	2063	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	11729	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	6420	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	14174	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	13893	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	14475	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	942	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	2327	0.06	ng/ul	0.00
Target Compounds						
12) Phenanthrene	17.29	178	1340	0.04	ng/ul#	92
15) Fluoranthene	19.31	202	3874	0.09	ng/ul	85
17) Pyrene	19.67	202	4842	0.11	ng/ul#	87
18) Benzo(a)anthracene	21.41	228	1883	0.05	ng/ul#	65
19) Chrysene	21.47	228	2888	0.07	ng/ul#	67
21) Benzo(b)fluoranthene	23.19	252	6117	0.15	ng/ul#	72
22) Benzo(k)fluoranthene	23.19	252	6085	0.14	ng/ul#	69
23) Benzo(a)pyrene	23.85	252	2265	0.06	ng/ul#	52
24) Indeno(1,2,3-cd)pyrene	26.67	276	1608	0.04	ng/ul#	76
26) Benzo(g,h,i)perylene	27.51	276	1199	0.04	ng/ul#	27

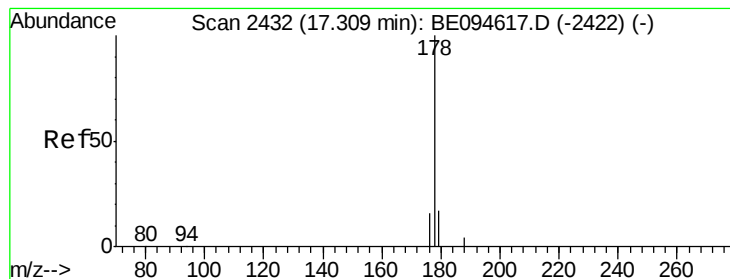
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.04 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094627.D

Acq: 28 Oct 2017 17:44

Instrument :

BNA_E

ClientSampleId :

C0AB8DL

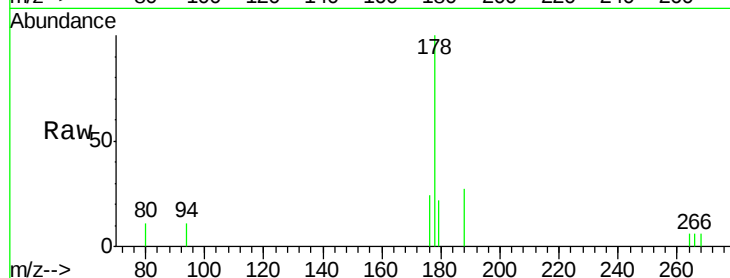
Tot Ion:178 Resp: 1340

Ion Ratio Lower Upper

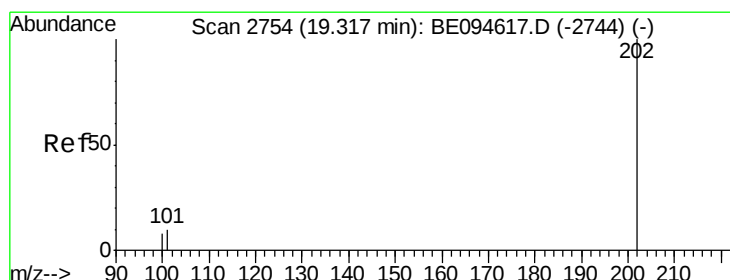
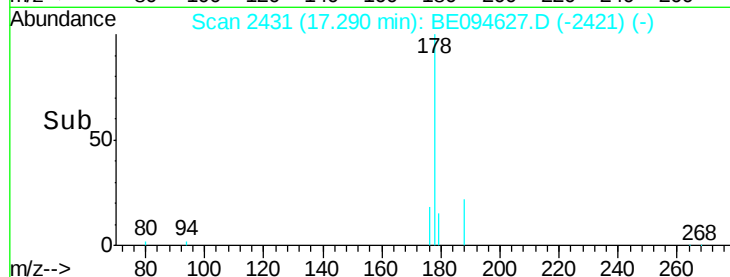
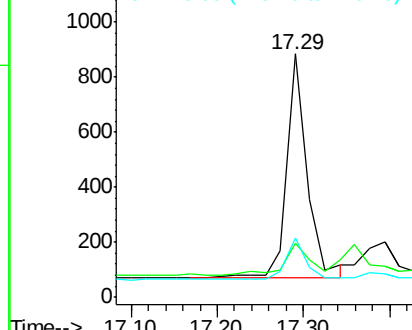
178 100

179 22.4 18.4 27.6

176 24.2 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



#15

Fluoranthene

Concen: 0.09 ng/ul

RT: 19.31 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BE094627.D

Acq: 28 Oct 2017 17:44

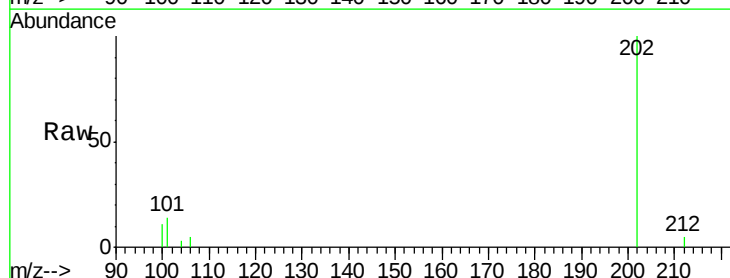
Tgt Ion:202 Resp: 3874

Ion Ratio Lower Upper

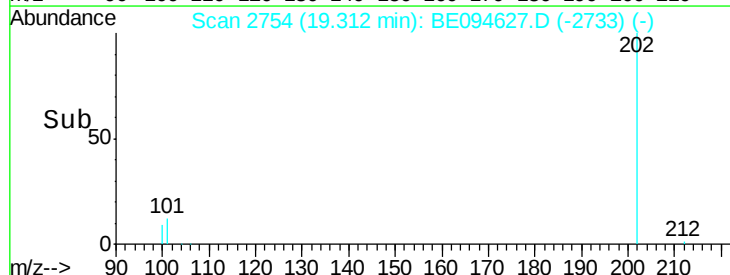
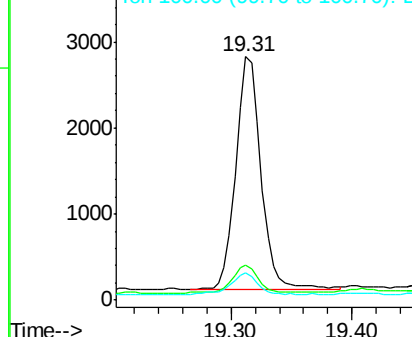
202 100

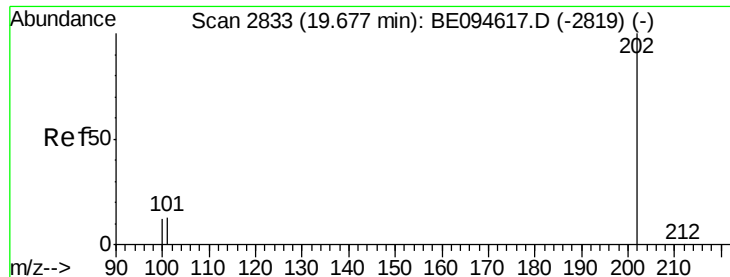
101 14.2 0.0 30.3

100 11.3 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: 0.11 ng/ul

RT: 19.67 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BE094627.D

Acq: 28 Oct 2017 17:44

Instrument :

BNA_E

ClientSampleId :

C0AB8DL

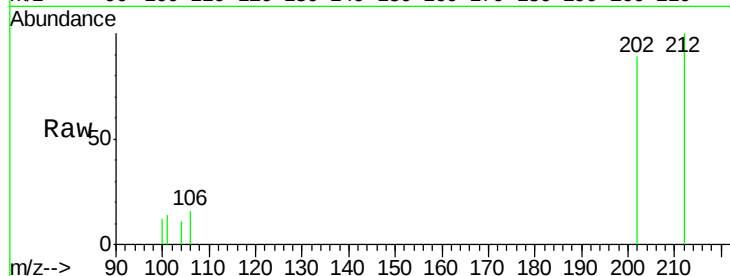
Tot Ion:202 Resp: 4842

Ion Ratio Lower Upper

202 100

101 16.1 18.2 27.4#

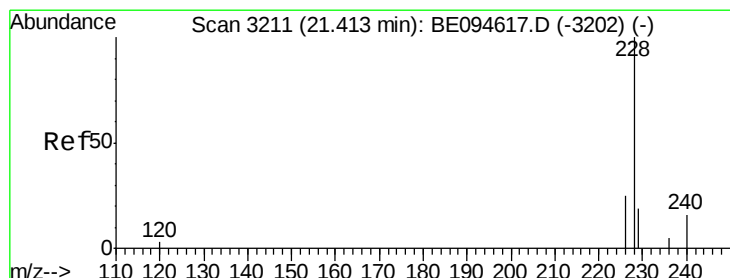
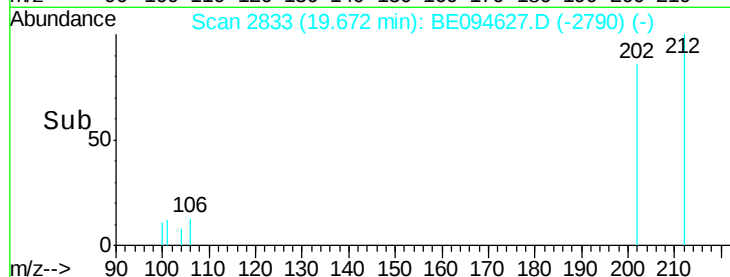
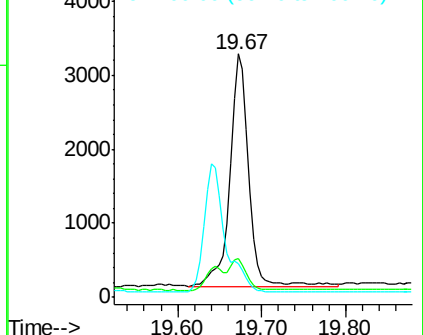
100 14.0 15.6 23.4#



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: 0.05 ng/ul

RT: 21.41 min Scan# 3212

Delta R.T. 0.00 min

Lab File: BE094627.D

Acq: 28 Oct 2017 17:44

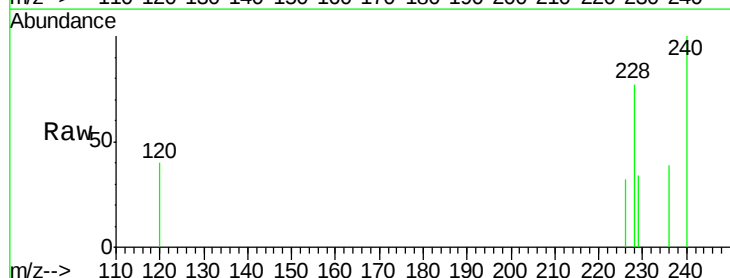
Tgt Ion:228 Resp: 1883

Ion Ratio Lower Upper

228 100

229 43.6 22.8 34.2#

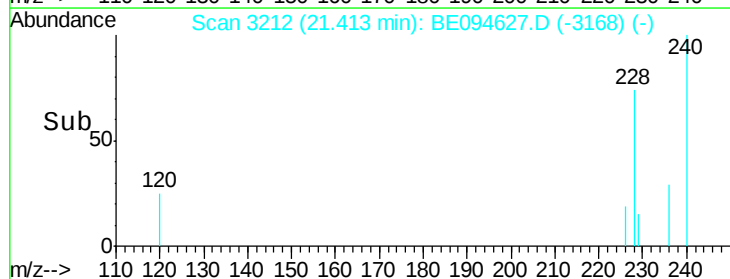
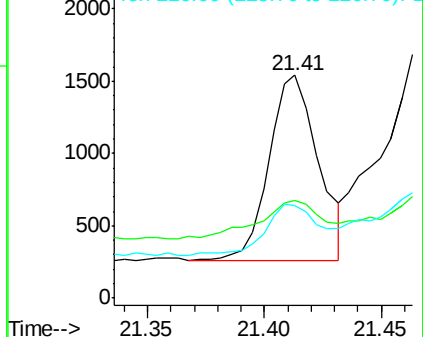
226 41.5 17.0 25.6#

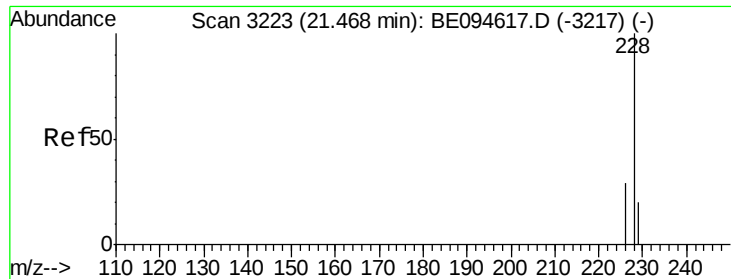


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.07 ng/ul

RT: 21.47 min Scan# 3224

Delta R.T. 0.00 min

Lab File: BE094627.D

Acq: 28 Oct 2017 17:44

Instrument :

BNA_E

ClientSampleId :

C0AB8DL

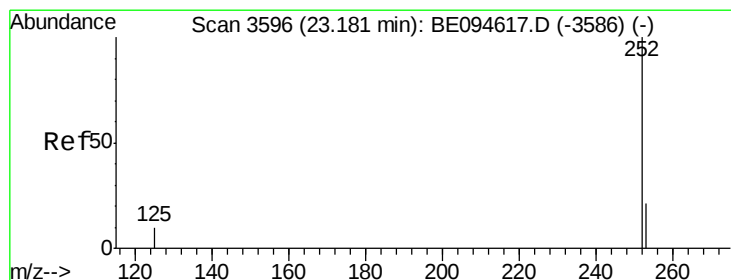
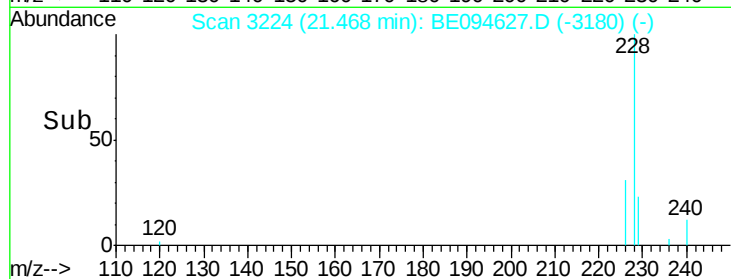
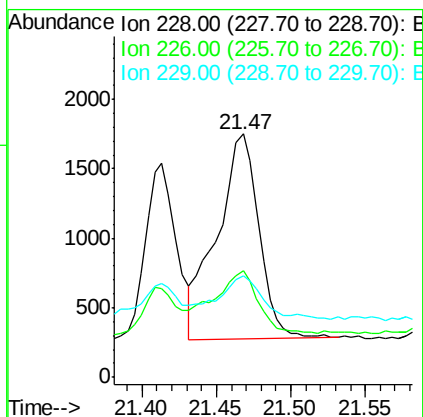
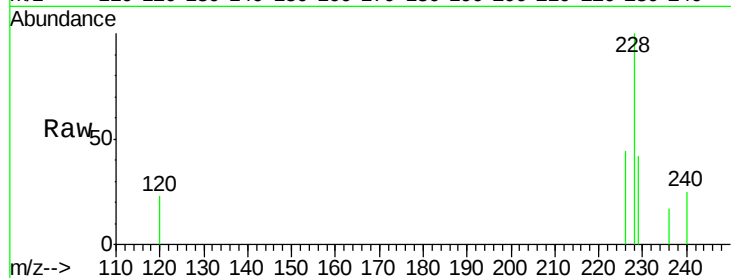
Tot Ion:228 Resp: 2888

Ion Ratio Lower Upper

228 100

226 43.7 23.4 35.0#

229 42.0 17.7 26.5#



#21

Benzo(b)fluoranthene

Concen: 0.15 ng/ul

RT: 23.19 min Scan# 3598

Delta R.T. 0.00 min

Lab File: BE094627.D

Acq: 28 Oct 2017 17:44

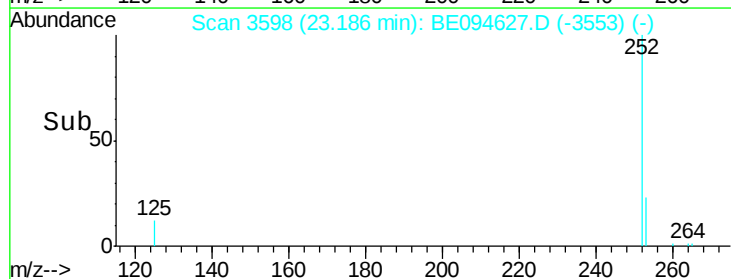
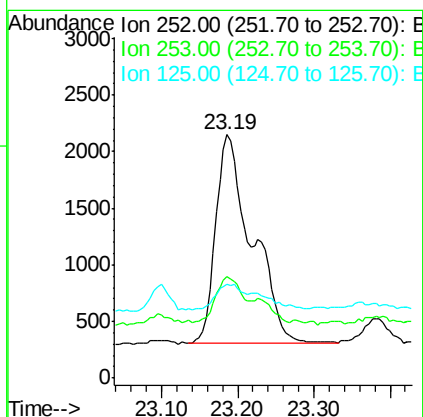
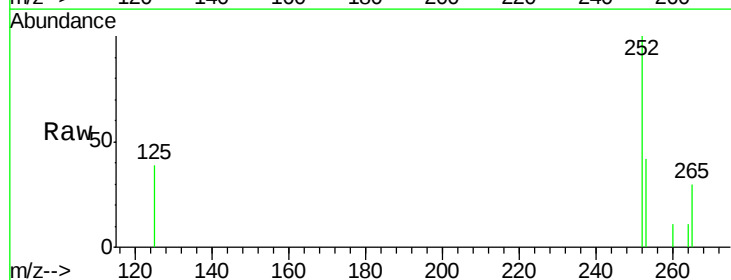
Tgt Ion:252 Resp: 6117

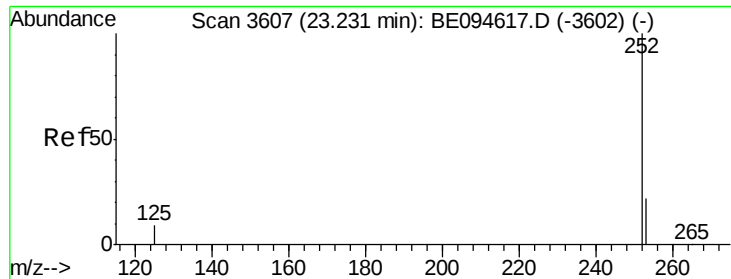
Ion Ratio Lower Upper

252 100

253 41.6 0.0 64.2

125 38.6 0.0 35.0#





#22

Benzo(k)fluoranthene

Concen: 0.14 ng/ul

RT: 23.19 min Scan# 3598

Delta R.T. -0.05 min

Lab File: BE094627.D

Acq: 28 Oct 2017 17:44

Instrument :

BNA_E

ClientSampleId :

C0AB8DL

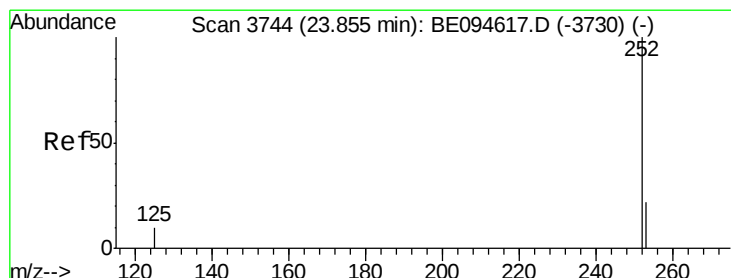
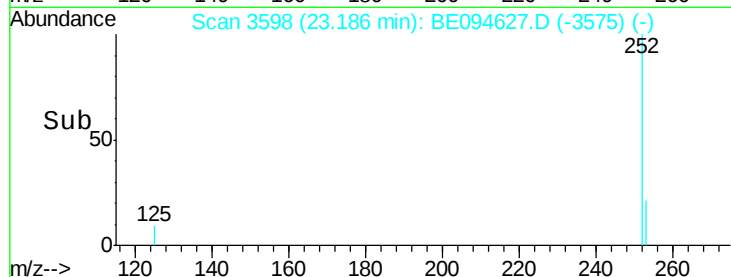
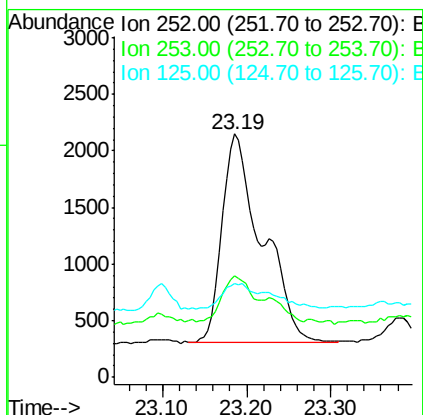
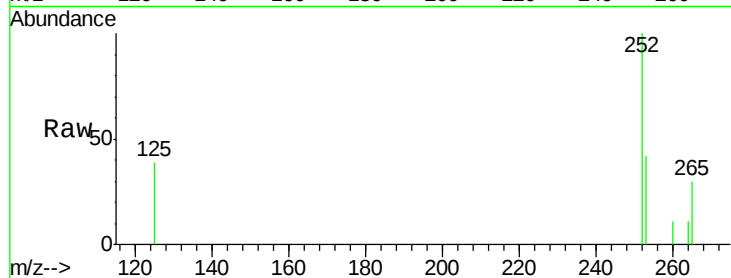
Tot Ion:252 Resp: 6085

Ion Ratio Lower Upper

252 100

253 41.6 24.5 36.7#

125 38.6 13.7 20.5#



#23

Benzo(a)pyrene

Concen: 0.06 ng/ul

RT: 23.85 min Scan# 3744

Delta R.T. -0.00 min

Lab File: BE094627.D

Acq: 28 Oct 2017 17:44

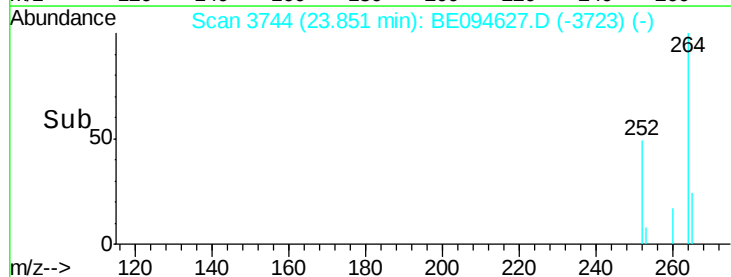
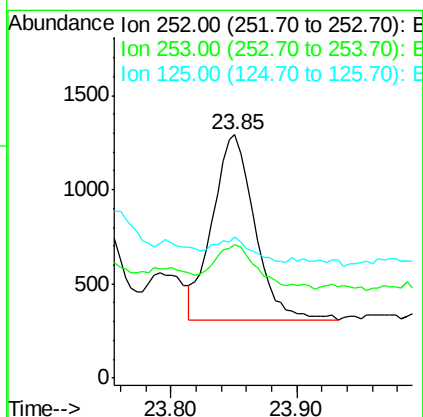
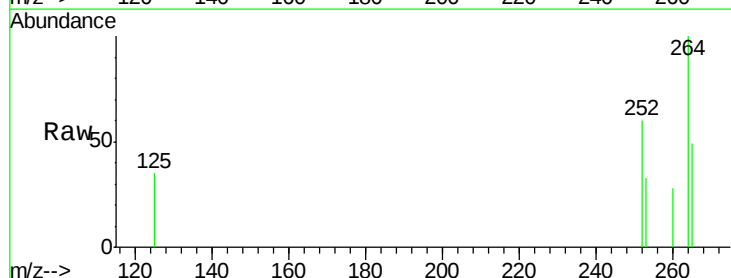
Tgt Ion:252 Resp: 2265

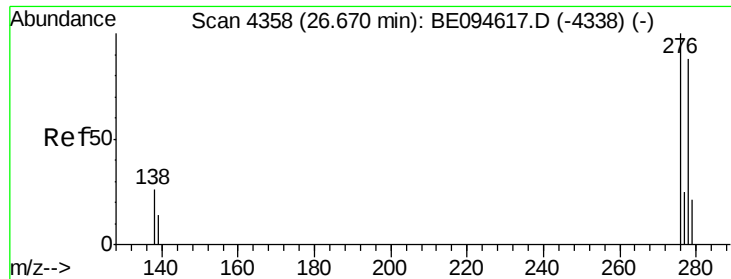
Ion Ratio Lower Upper

252 100

253 54.6 28.5 42.7#

125 58.0 18.1 27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.04 ng/ul

RT: 26.67 min Scan# 4359

Delta R.T. 0.00 min

Lab File: BE094627.D

Acq: 28 Oct 2017 17:44

Instrument :

BNA_E

ClientSampleId :

C0AB8DL

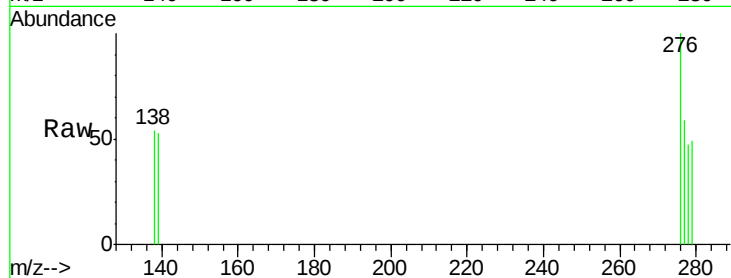
Tot Ion:276 Resp: 1608

Ion Ratio Lower Upper

276 100

138 21.6 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

26.67

600

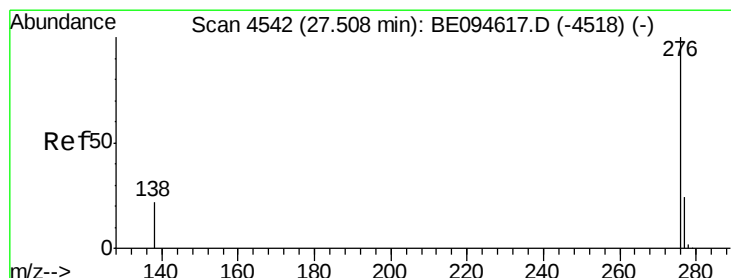
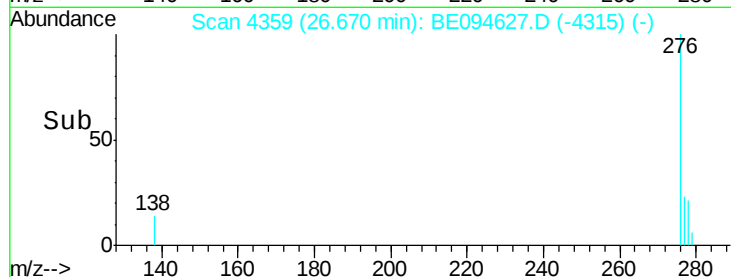
400

200

0

26.60 26.67 26.70

Time-->



#26

Benzo(g,h,i)perylene

Concen: 0.04 ng/ul

RT: 27.51 min Scan# 4544

Delta R.T. 0.00 min

Lab File: BE094627.D

Acq: 28 Oct 2017 17:44

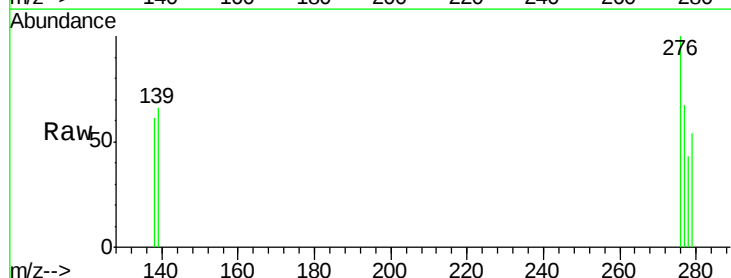
Tgt Ion:276 Resp: 1199

Ion Ratio Lower Upper

276 100

138 60.9 21.8 32.8#

277 67.2 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

27.51

600

400

200

0

27.40 27.50 27.60

Time-->

