

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094387.D
 Acq On : 15 Oct 2017 11:20
 Operator : SJ/JU
 Sample : I5522-13DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 16 06:54:42 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

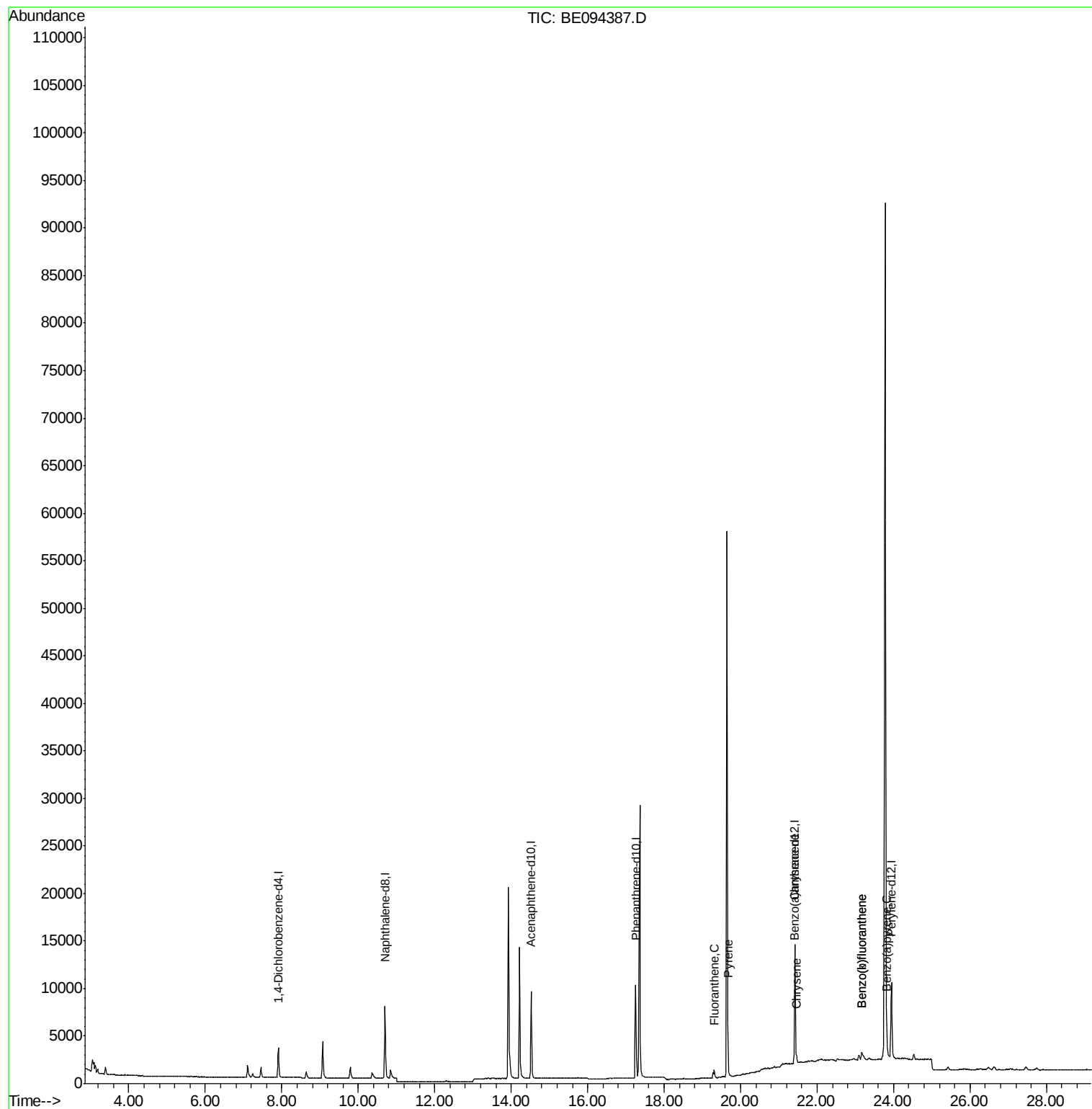
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1675	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	9209	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5582	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	12851	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	12994	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	12946	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	102	0.01	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	691	0.02	ng/ul	0.00
Target Compounds						
					Ovalue	
15) Fluoranthene	19.31	202	1029	0.023	ng/ul	84
17) Pyrene	19.67	202	1063	0.029	ng/ul	98
18) Benzo(a)anthracene	21.40	228	765	0.022	ng/ul#	17
19) Chrysene	21.46	228	938	0.024	ng/ul#	33
21) Benzo(b)fluoranthene	23.17	252	1970	0.056	ng/ul#	15
22) Benzo(k)fluoranthene	23.17	252	1931	0.048	ng/ul#	11
23) Benzo(a)pyrene	23.83	252	899	0.025	ng/ul#	1

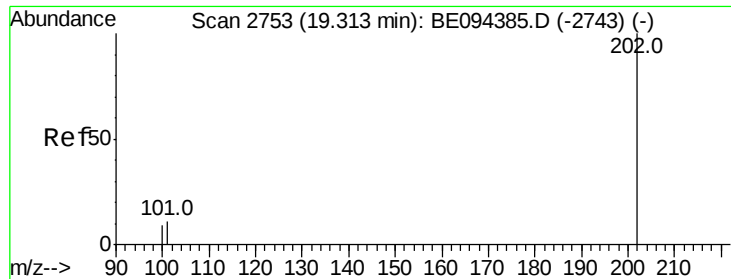
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

Fluoranthene

Concen: 0.023 ng/ul

RT: 19.31 min Scan# 2754

Delta R.T. 0.00 min

Lab File: BE094387.D

Acq: 15 Oct 2017 11:20

Instrument :

BNA_E

ClientSampleId :

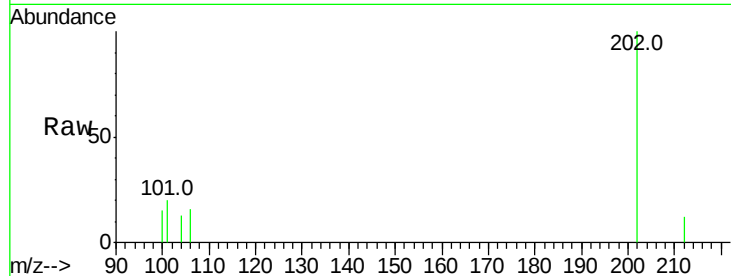
Tot Ion:202 Resp: 1029

Ion Ratio Lower Upper

202 100

101 20.0 0.0 30.3

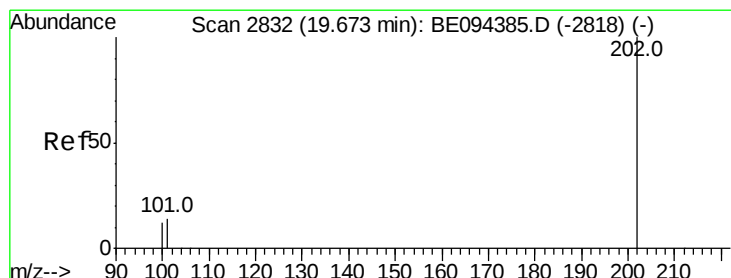
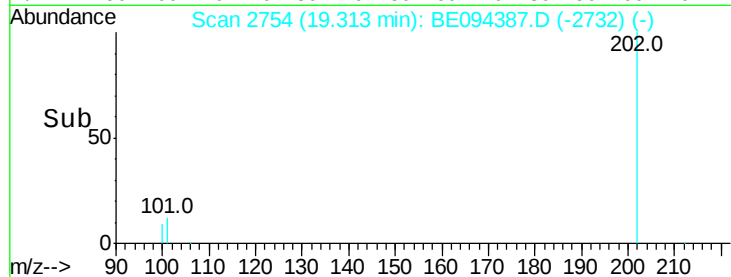
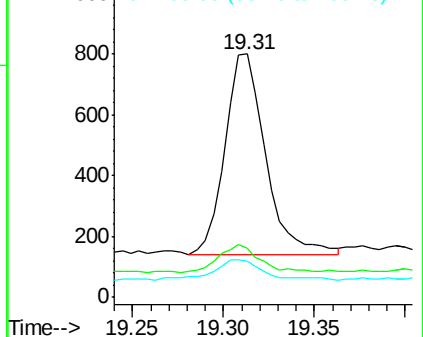
100 14.7 0.0 39.5



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: 0.029 ng/ul

RT: 19.67 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BE094387.D

Acq: 15 Oct 2017 11:20

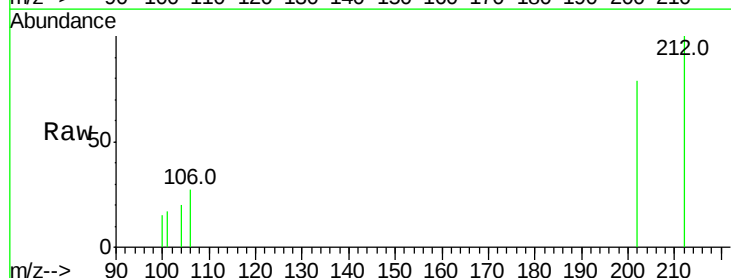
Tgt Ion:202 Resp: 1063

Ion Ratio Lower Upper

202 100

101 21.8 18.2 27.4

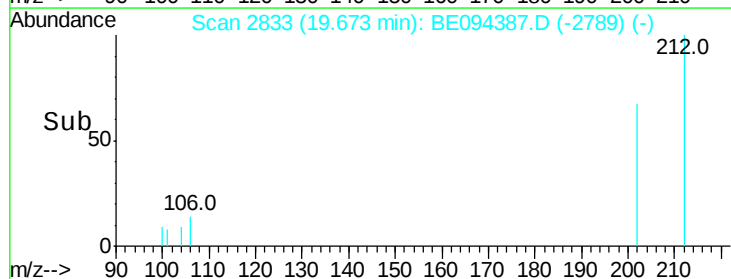
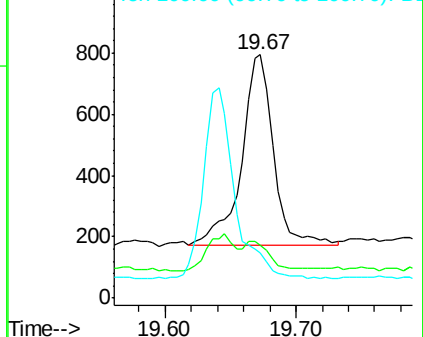
100 18.5 15.6 23.4

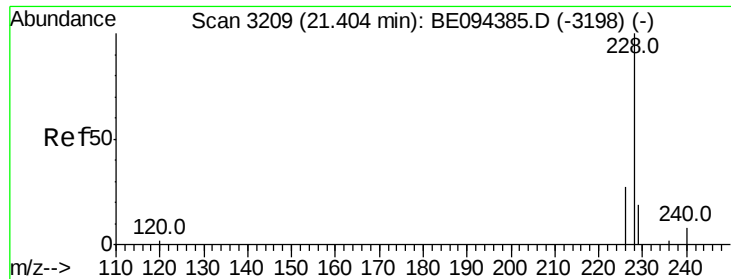


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.022 ng/ul

RT: 21.40 min Scan# 3210

Delta R.T. -0.00 min

Lab File: BE094387.D

Acq: 15 Oct 2017 11:20

Instrument :

BNA_E

ClientSampleId :

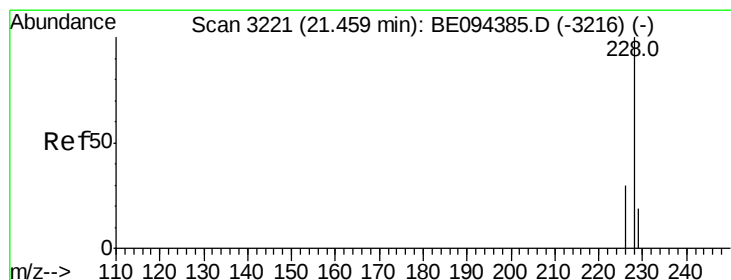
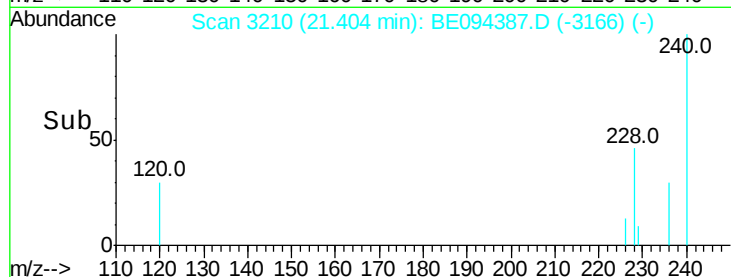
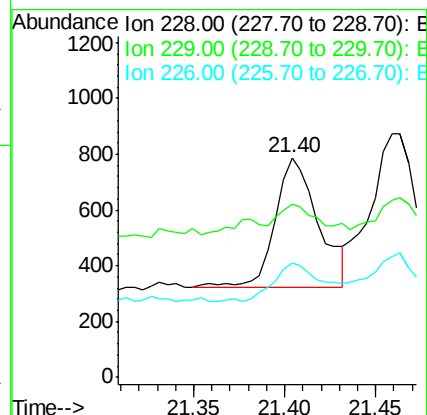
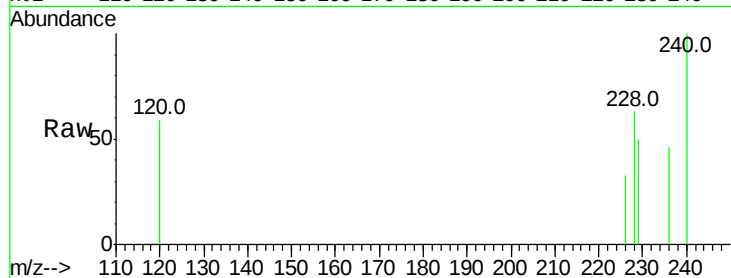
Tot Ion:228 Resp: 765

Ion Ratio Lower Upper

228 100

229 79.2 22.8 34.2#

226 52.1 17.0 25.6#



#19

Chrysene

Concen: 0.024 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BE094387.D

Acq: 15 Oct 2017 11:20

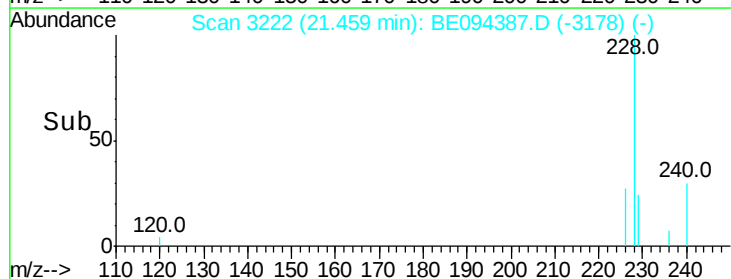
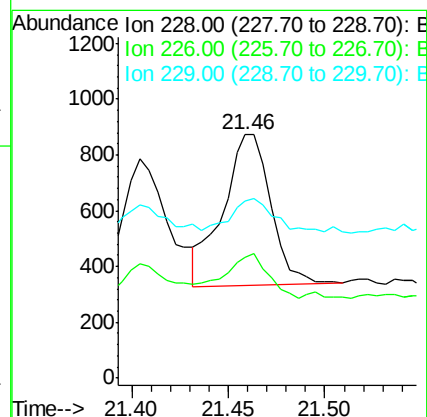
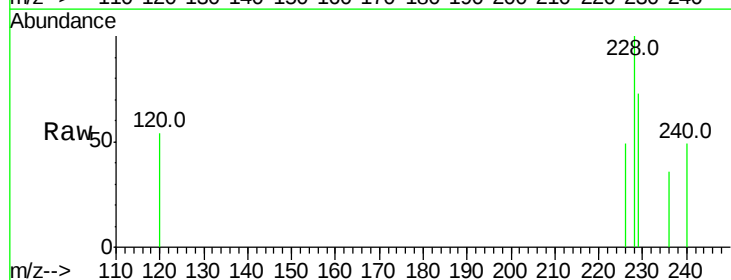
Tgt Ion:228 Resp: 938

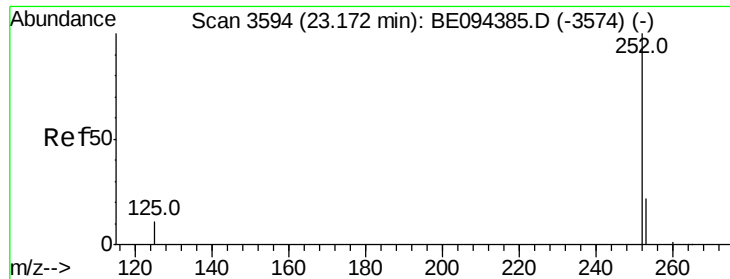
Ion Ratio Lower Upper

228 100

226 49.4 23.4 35.0#

229 72.6 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.056 ng/u1

RT: 23.17 min Scan# 3595

Delta R.T. -0.00 min

Lab File: BE094387.D

Acq: 15 Oct 2017 11:20

Instrument :

BNA_E

ClientSampleId :

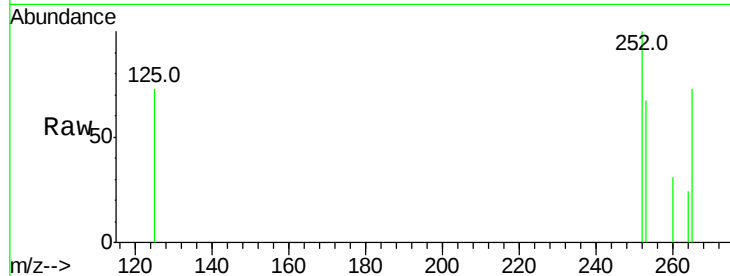
Tot Ion:252 Resp: 1970

Ion Ratio Lower Upper

252 100

253 67.2 0.0 64.2#

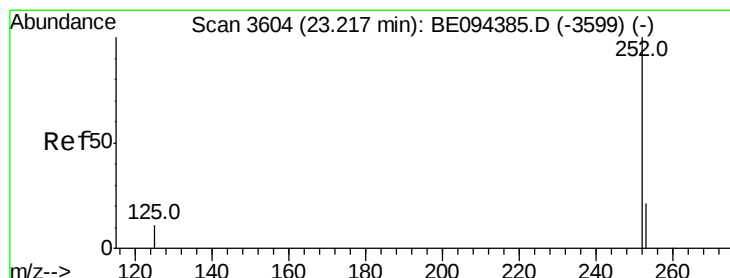
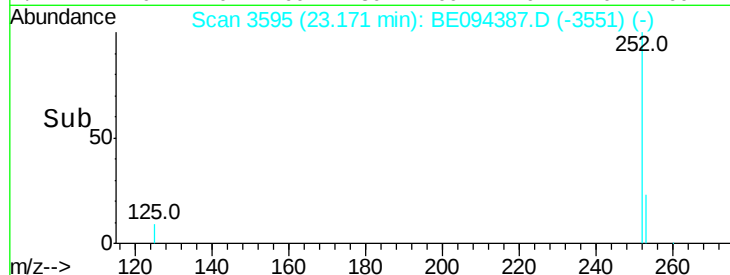
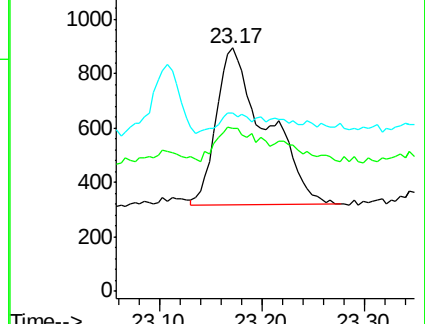
125 73.1 0.0 35.0#



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: 0.048 ng/u1

RT: 23.17 min Scan# 3595

Delta R.T. -0.05 min

Lab File: BE094387.D

Acq: 15 Oct 2017 11:20

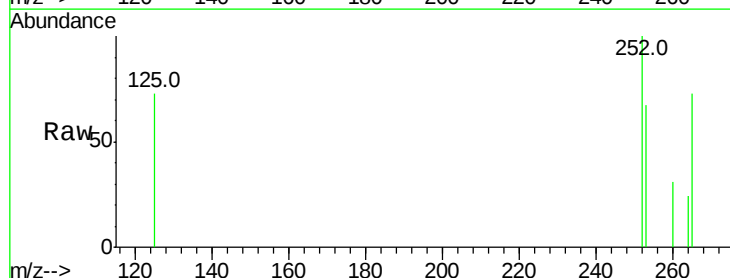
Tgt Ion:252 Resp: 1931

Ion Ratio Lower Upper

252 100

253 67.2 24.5 36.7#

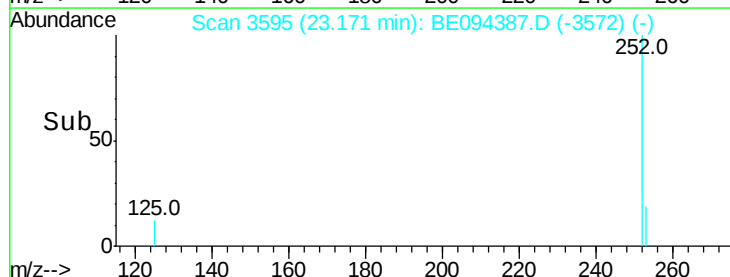
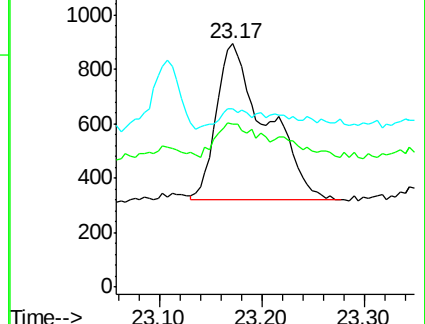
125 73.1 13.7 20.5#

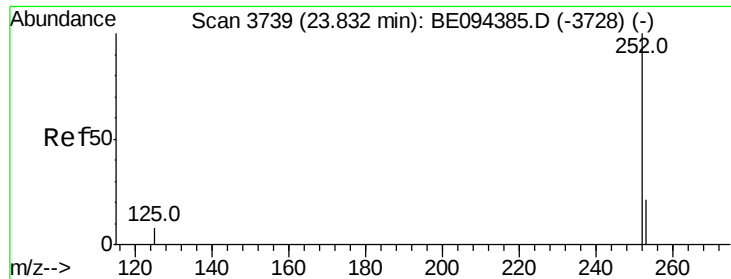


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.025 ng/ul

RT: 23.83 min Scan# 3740

Delta R.T. -0.00 min

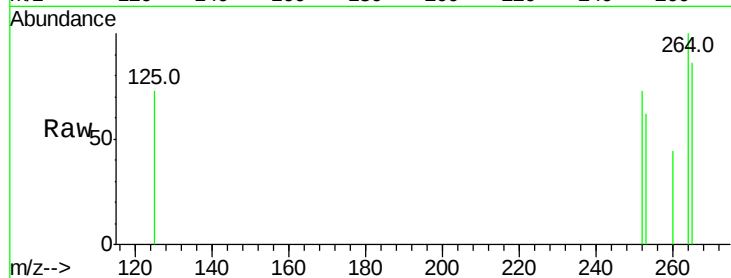
Lab File: BE094387.D

Acq: 15 Oct 2017 11:20

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 252 Resp: 899

Ion Ratio Lower Upper

252 100

253 84.3 28.5 42.7#

125 100.3 18.1 27.1#

