

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
 Data File : BE094849.D
 Acq On : 23 Nov 2017 1:25
 Operator : SJ/JU
 Sample : I6496-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 23 02:52:45 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 23 02:50:08 2017
 Response via : Initial Calibration

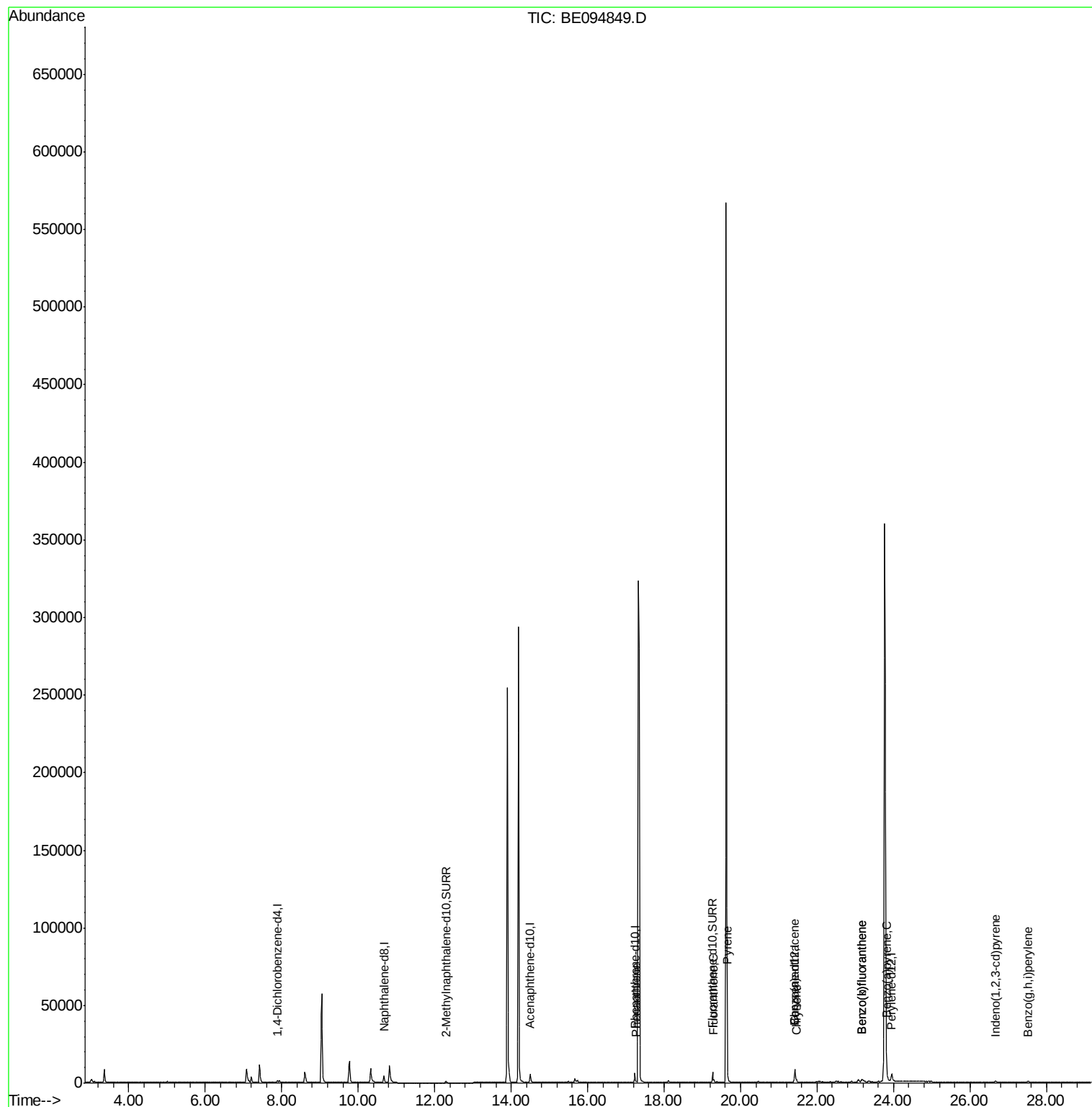
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	672	0.40	ng/ul	-0.04
2) Naphthalene-d8	10.67	136	4721	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.50	164	3349	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.24	188	7889	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	8005	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	9000	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	2234	0.29	ng/ul	-0.01
14) Fluoranthene-d10	19.27	212	7319	0.27	ng/ul	-0.01
Target Compounds						
12) Phenanthrene	17.27	178	694	0.03	ng/ul#	85
15) Fluoranthene	19.30	202	2286	0.08	ng/ul	84
17) Pyrene	19.66	202	3140	0.13	ng/ul#	90
18) Benzo(a)anthracene	21.41	228	1898	0.08	ng/ul#	90
19) Chrysene	21.46	228	2401	0.10	ng/ul#	90
21) Benzo(b)fluoranthene	23.17	252	4231	0.16	ng/ul	92
22) Benzo(k)fluoranthene	23.17	252	4231	0.15	ng/ul#	92
23) Benzo(a)pyrene	23.83	252	2005	0.08	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	26.68	276	1437	0.05	ng/ul#	75
26) Benzo(g,h,i)perylene	27.52	276	1358	0.06	ng/ul#	72

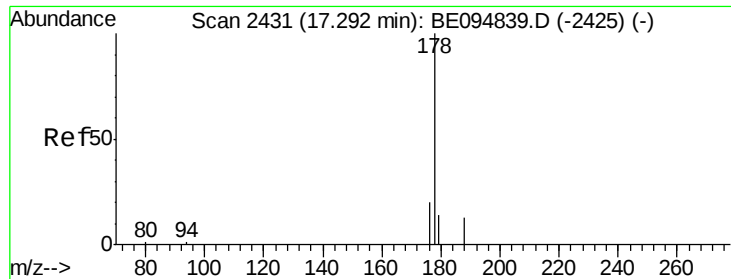
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.03 ng/ul

RT: 17.27 min Scan# 2430

Delta R.T. -0.02 min

Lab File: BE094849.D

Acq: 23 Nov 2017 1:25

Instrument :

BNA_E

ClientSampleId :

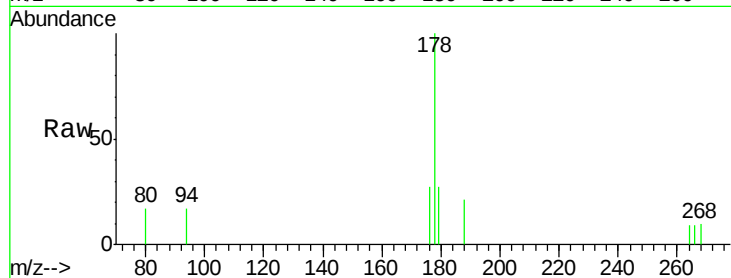
Tot Ion:178 Resp: 694

Ion Ratio Lower Upper

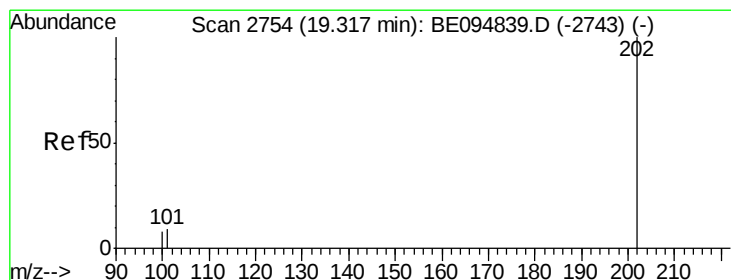
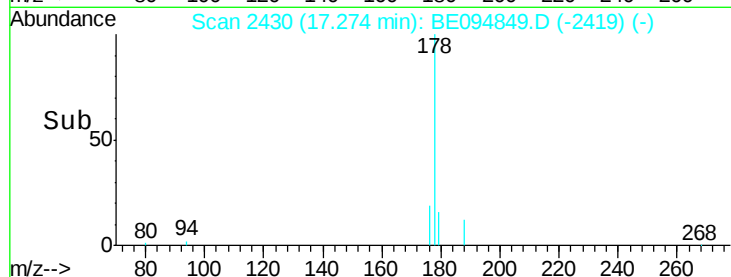
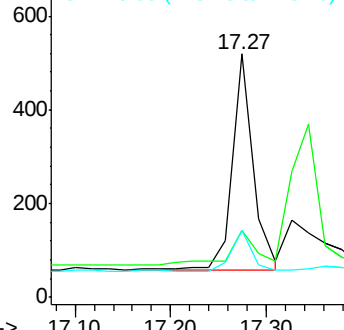
178 100

179 27.4 18.4 27.6

176 27.4 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: 0.08 ng/ul

RT: 19.30 min Scan# 2751

Delta R.T. -0.01 min

Lab File: BE094849.D

Acq: 23 Nov 2017 1:25

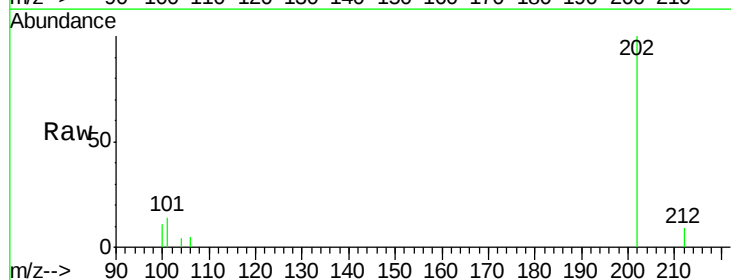
Tgt Ion:202 Resp: 2286

Ion Ratio Lower Upper

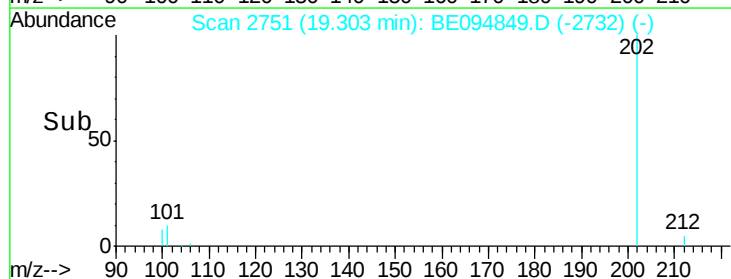
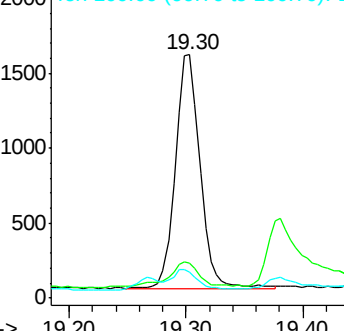
202 100

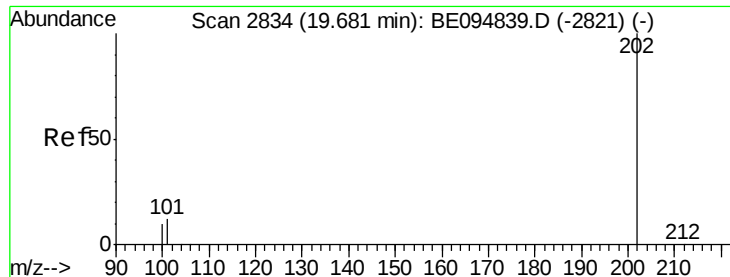
101 14.3 0.0 30.3

100 10.6 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: 0.13 ng/ul

RT: 19.66 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BE094849.D

Acq: 23 Nov 2017 1:25

Instrument :

BNA_E

ClientSampleId :

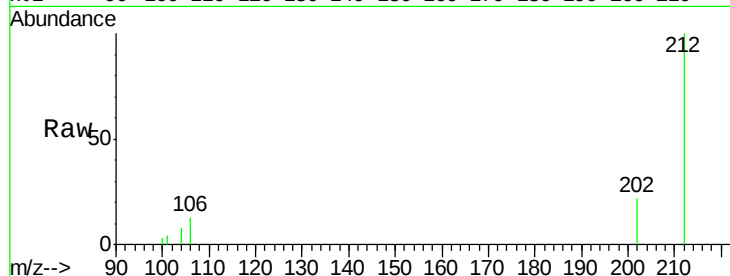
Tot Ion:202 Resp: 3140

Ion Ratio Lower Upper

202 100

101 17.5 18.2 27.4#

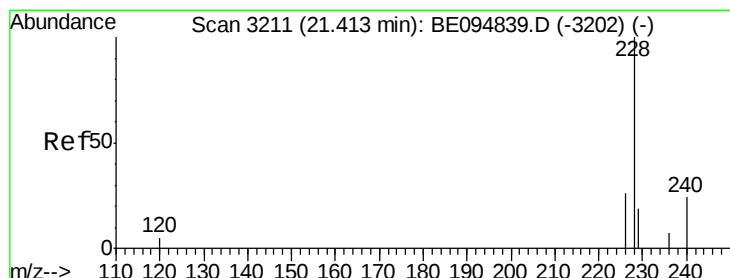
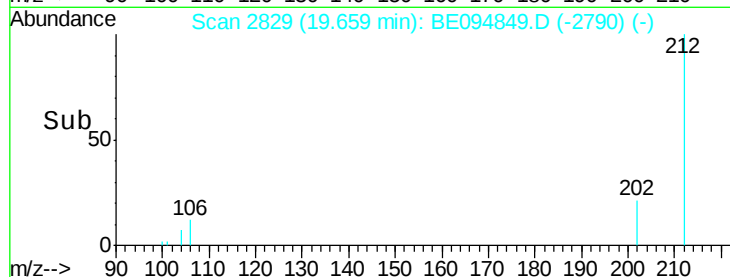
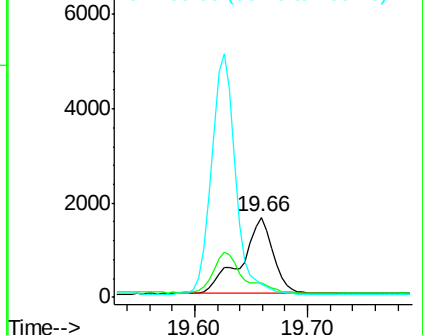
100 15.8 15.6 23.4



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: 0.08 ng/ul

RT: 21.41 min Scan# 3210

Delta R.T. -0.01 min

Lab File: BE094849.D

Acq: 23 Nov 2017 1:25

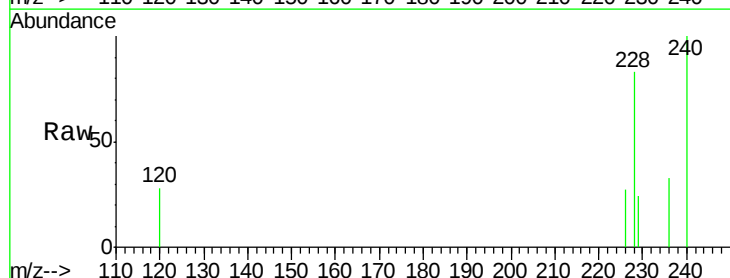
Tgt Ion:228 Resp: 1898

Ion Ratio Lower Upper

228 100

229 28.3 22.8 34.2

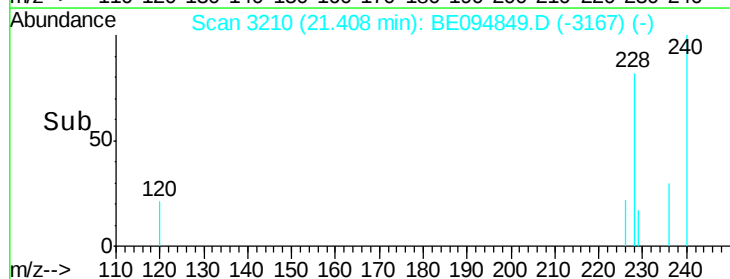
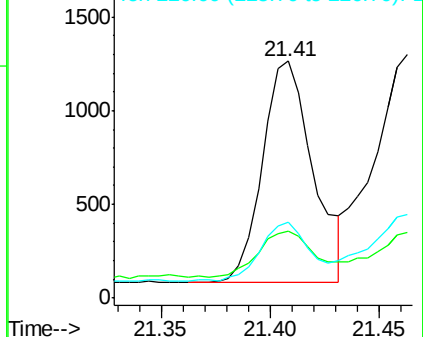
226 32.0 17.0 25.6#

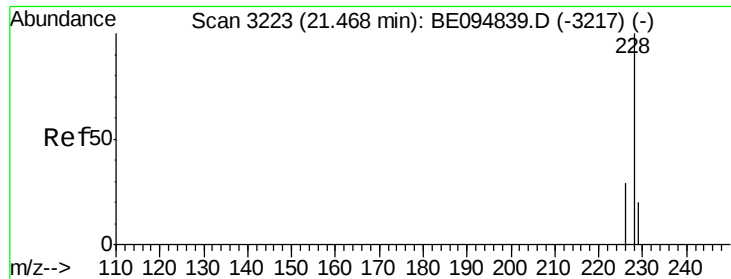


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.10 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BE094849.D

Acq: 23 Nov 2017 1:25

Instrument :

BNA_E

ClientSampleId :

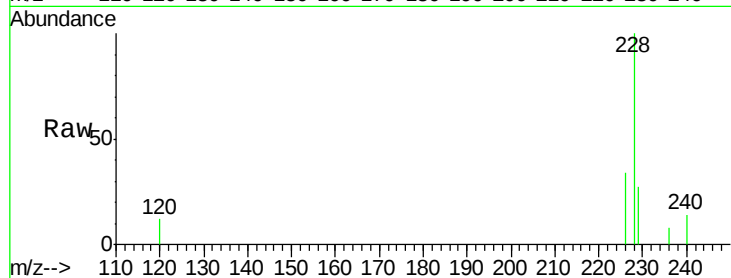
Tot Ion:228 Resp: 2401

Ion Ratio Lower Upper

228 100

226 34.5 23.4 35.0

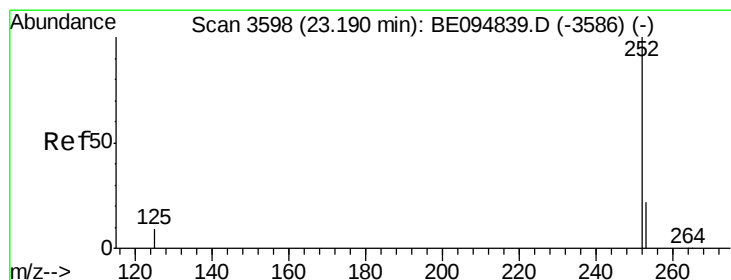
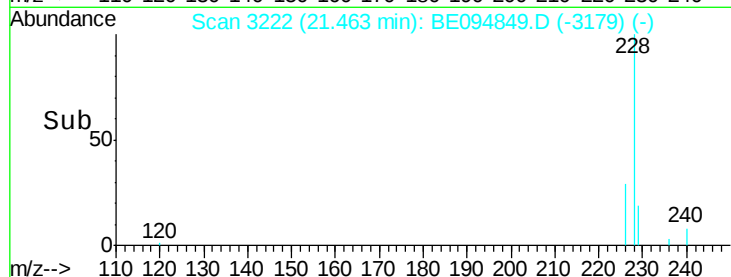
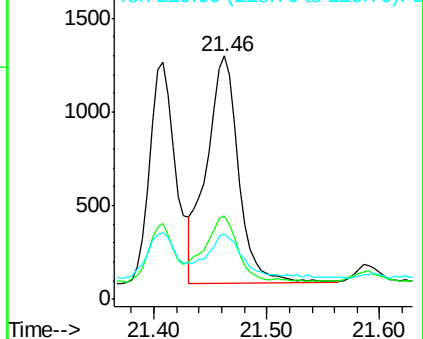
229 27.1 17.7 26.5#



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: 0.16 ng/ul

RT: 23.17 min Scan# 3594

Delta R.T. -0.02 min

Lab File: BE094849.D

Acq: 23 Nov 2017 1:25

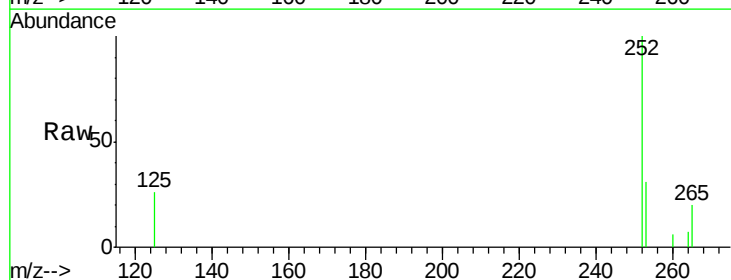
Tgt Ion:252 Resp: 4231

Ion Ratio Lower Upper

252 100

253 30.9 0.0 64.2

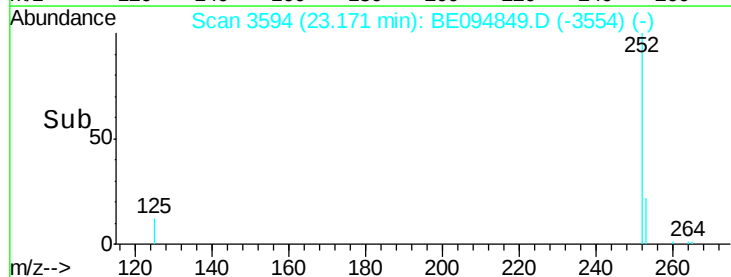
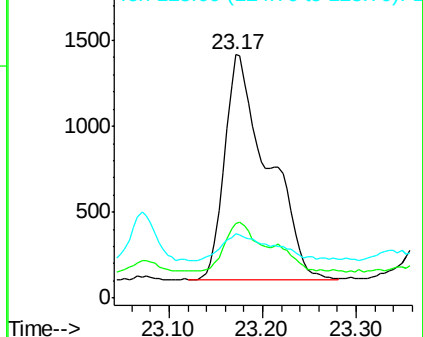
125 26.3 0.0 35.0

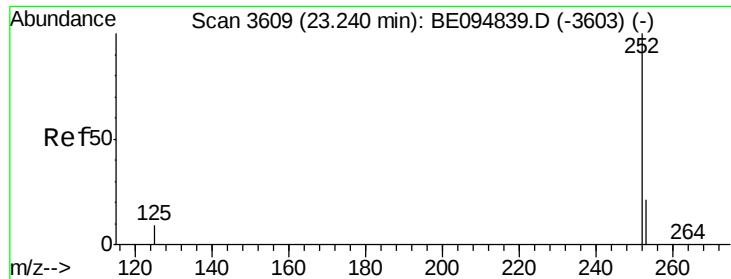


Abundance Ion 252.00 (251.70 to 252.70): E

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: 23.17 min Scan# 3594

Delta R.T. -0.07 min

Lab File: BE094849.D

Acq: 23 Nov 2017 1:25

Instrument :

BNA_E

ClientSampleId :

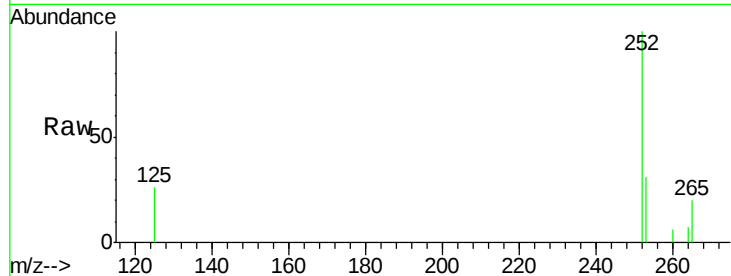
Tot Ion:252 Resp: 4231

Ion Ratio Lower Upper

252 100

253 30.9 24.5 36.7

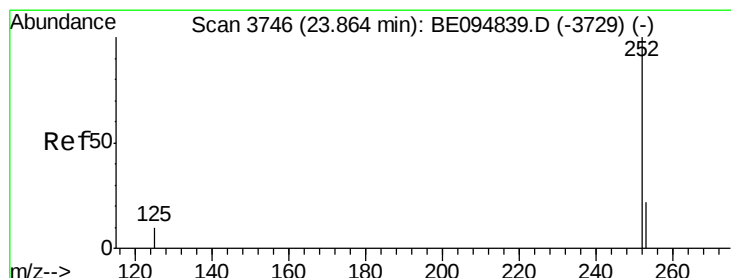
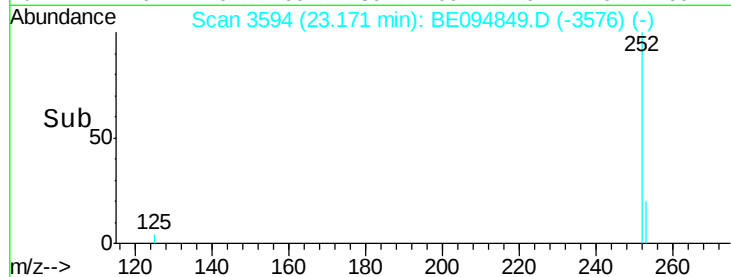
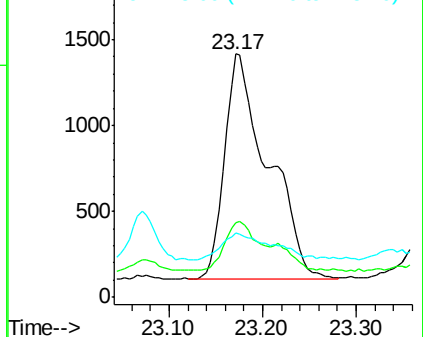
125 26.3 13.7 20.5#



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: 0.08 ng/ul

RT: 23.83 min Scan# 3738

Delta R.T. -0.04 min

Lab File: BE094849.D

Acq: 23 Nov 2017 1:25

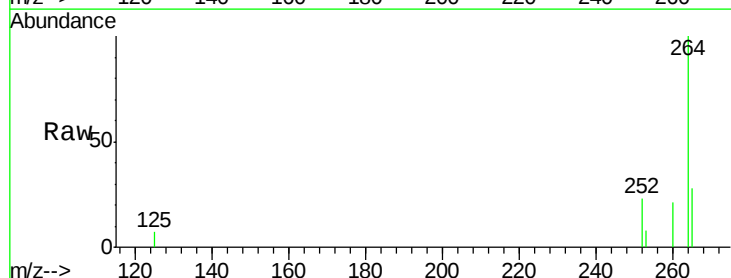
Tgt Ion:252 Resp: 2005

Ion Ratio Lower Upper

252 100

253 36.6 28.5 42.7

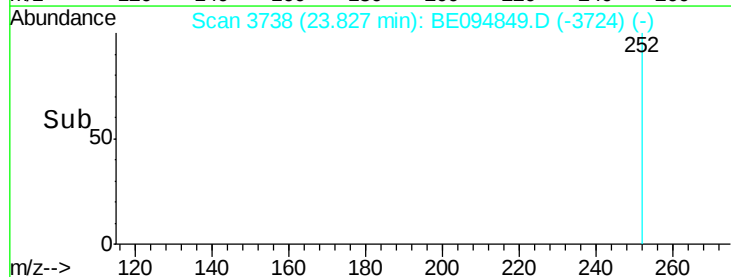
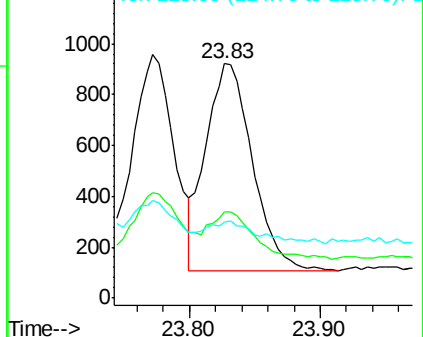
125 32.6 18.1 27.1#

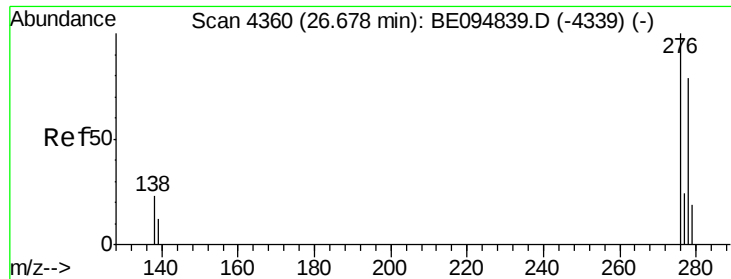


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

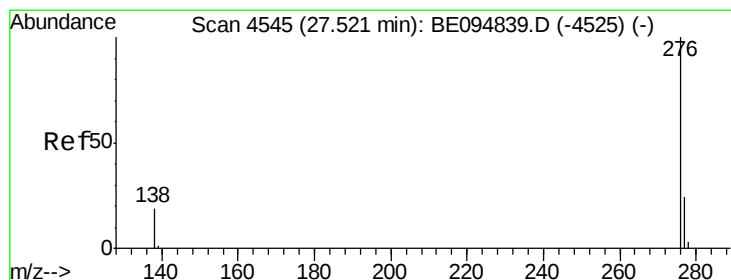
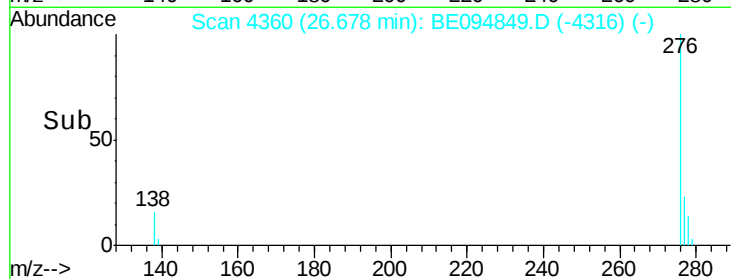
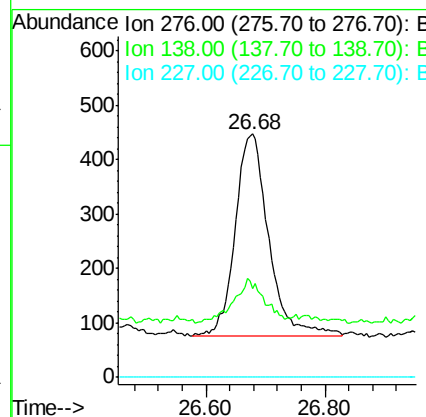
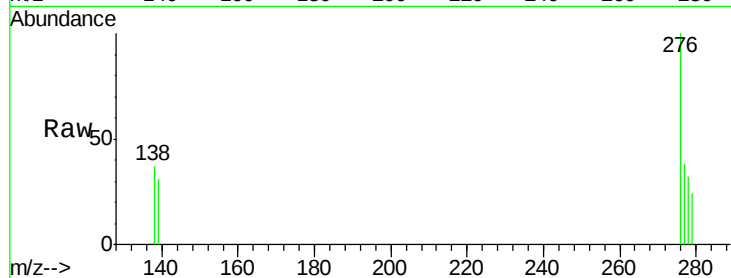




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.05 ng/ul
 RT: 26.68 min Scan# 4360
 Delta R.T. -0.00 min
 Lab File: BE094849.D
 Acq: 23 Nov 2017 1:25

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 1437
 Ion Ratio Lower Upper
 276 100
 138 20.6 28.0 42.0#
 227 0.0 8.0 12.0#



#26
 Benzo(g,h,i)perylene
 Concen: 0.06 ng/ul
 RT: 27.52 min Scan# 4544
 Delta R.T. -0.00 min
 Lab File: BE094849.D
 Acq: 23 Nov 2017 1:25

Tgt Ion:276 Resp: 1358
 Ion Ratio Lower Upper
 276 100
 138 41.1 21.8 32.8#
 277 40.6 20.5 30.7#

