

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110317\
 Data File : BE094725.D
 Acq On : 4 Nov 2017 1:38
 Operator : SJ/JU
 Sample : I5955-13 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B-6(3.5-4.5)-101717

Quant Time: Nov 04 02:38:12 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 04 02:38:13 2017
 Response via : Initial Calibration

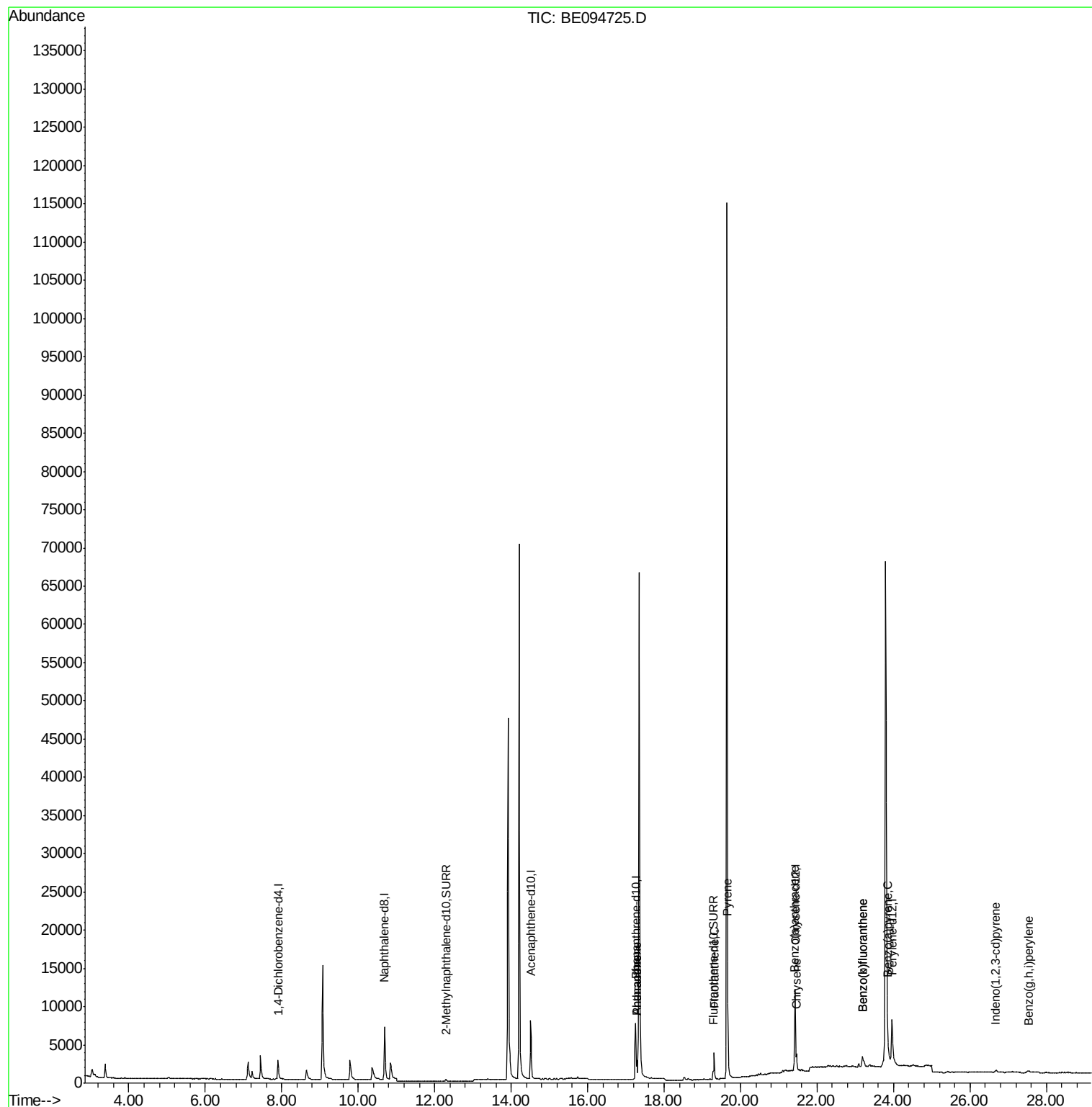
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1503	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	8975	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4965	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10773	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	10704	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	11635	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	618	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1515	0.05	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.29	178	2782	0.10	ng/ul#	91
13) Anthracene	17.29	178	2760	0.10	ng/ul	93
15) Fluoranthene	19.31	202	4656	0.14	ng/ul	84
17) Pyrene	19.67	202	4188	0.13	ng/ul#	84
18) Benzo(a)anthracene	21.41	228	2124	0.07	ng/ul#	73
19) Chrysene	21.47	228	2423	0.08	ng/ul#	68
21) Benzo(b)fluoranthene	23.19	252	3457	0.11	ng/ul#	45
22) Benzo(k)fluoranthene	23.19	252	3425	0.10	ng/ul#	42
23) Benzo(a)pyrene	23.85	252	1601	0.05	ng/ul#	23
24) Indeno(1,2,3-cd)pyrene	26.68	276	819	0.02	ng/ul#	73
26) Benzo(g,h,i)perylene	27.53	276	805	0.03	ng/ul#	8

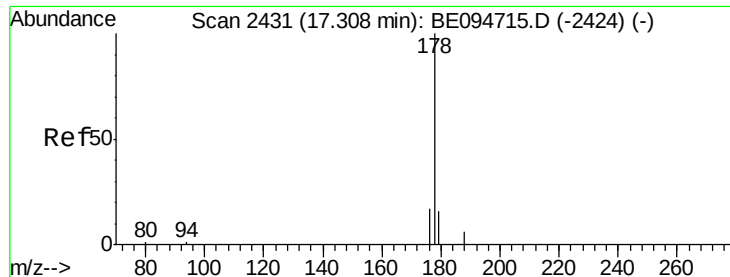
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.10 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094725.D

Acq: 4 Nov 2017 1:38

Instrument :

BNA_E

ClientSampleId :

B-6(3.5-4.5)-101717

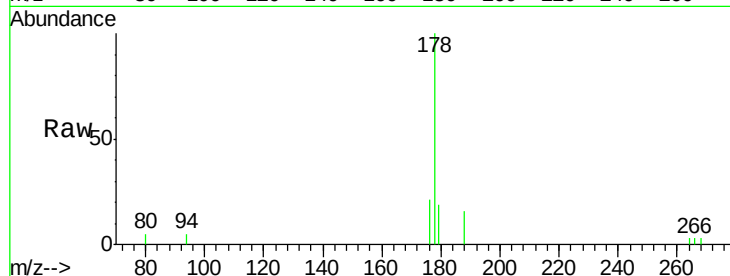
Tot Ion:178 Resp: 2782

Ion Ratio Lower Upper

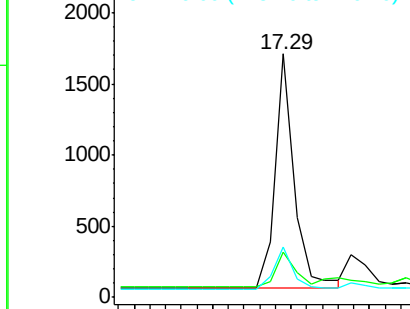
178 100

179 18.6 18.4 27.6

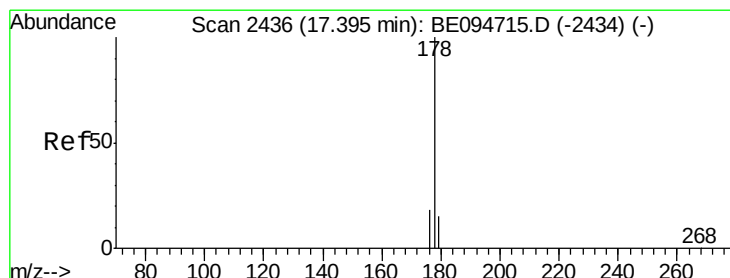
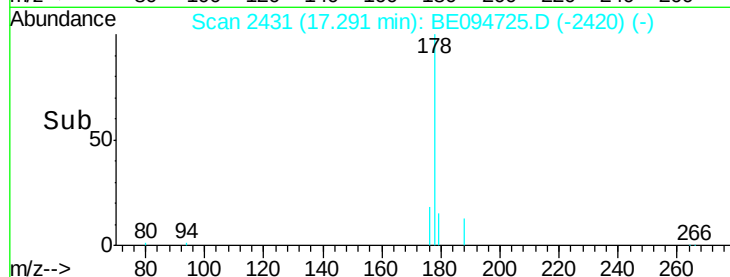
176 20.6 13.6 20.4#



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-->



#13

Anthracene

Concen: 0.10 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.10 min

Lab File: BE094725.D

Acq: 4 Nov 2017 1:38

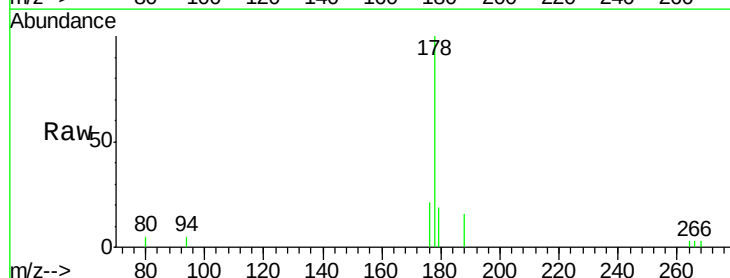
Tgt Ion:178 Resp: 2760

Ion Ratio Lower Upper

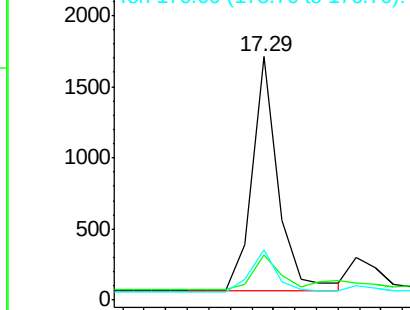
178 100

179 18.6 18.1 27.1

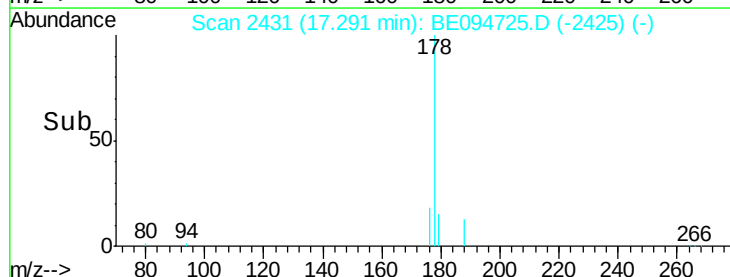
176 20.6 14.7 22.1

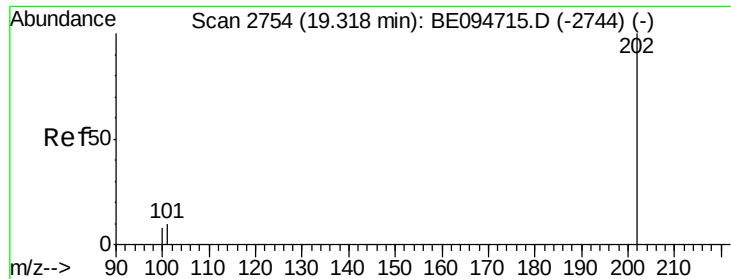


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->





#15

Fluoranthene

Concen: 0.14 ng/ul

RT: 19.31 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BE094725.D

Acq: 4 Nov 2017 1:38

Instrument :

BNA_E

ClientSampleId :

B-6(3.5-4.5)-101717

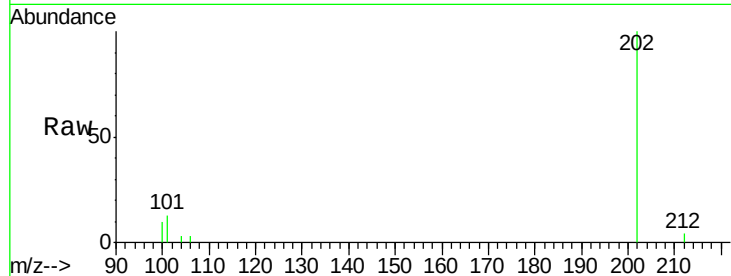
Tot Ion:202 Resp: 4656

Ion Ratio Lower Upper

202 100

101 12.7 0.0 30.3

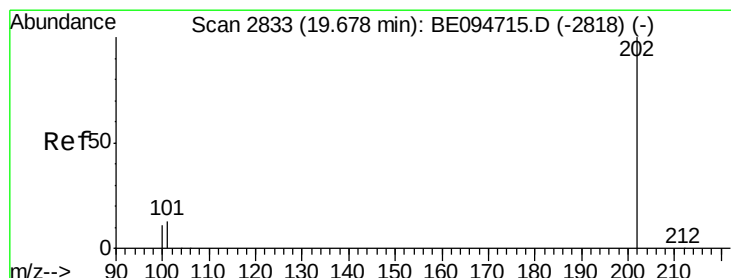
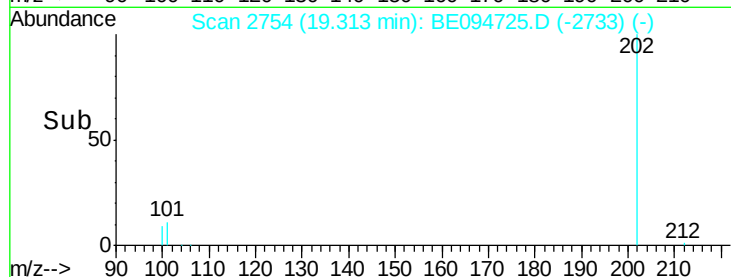
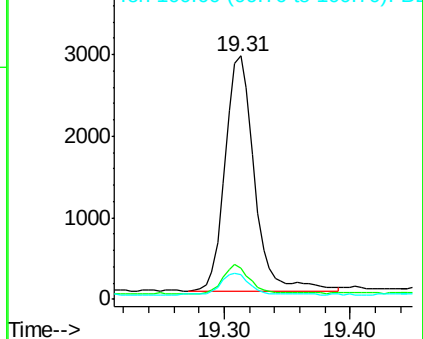
100 10.3 0.0 39.5



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): BE



#17

Pyrene

Concen: 0.13 ng/ul

RT: 19.67 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BE094725.D

Acq: 4 Nov 2017 1:38

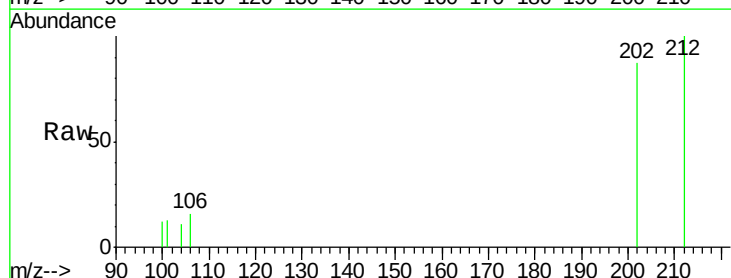
Tgt Ion:202 Resp: 4188

Ion Ratio Lower Upper

202 100

101 14.5 18.2 27.4#

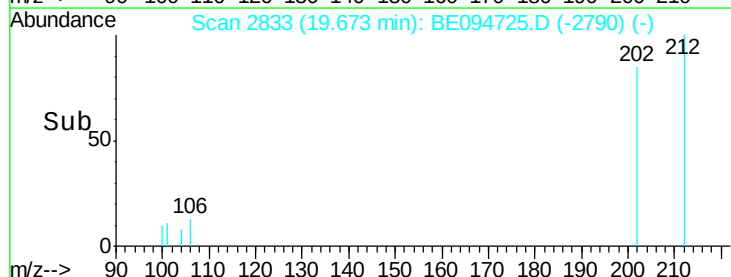
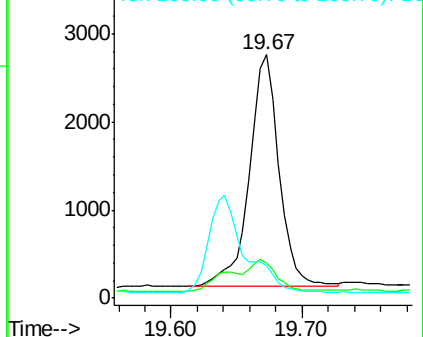
100 13.3 15.6 23.4#

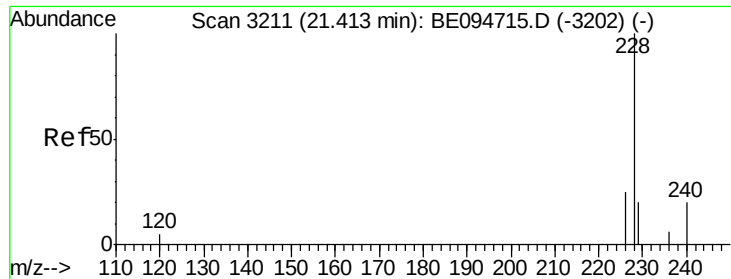


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.07 ng/ul

RT: 21.41 min Scan# 3211

Delta R.T. -0.00 min

Lab File: BE094725.D

Acq: 4 Nov 2017 1:38

Instrument :

BNA_E

ClientSampleId :

B-6(3.5-4.5)-101717

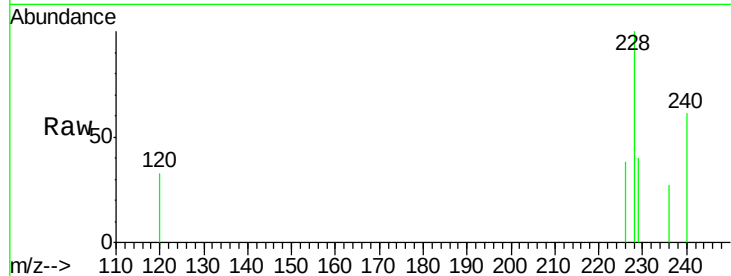
Tot Ion:228 Resp: 2124

Ion Ratio Lower Upper

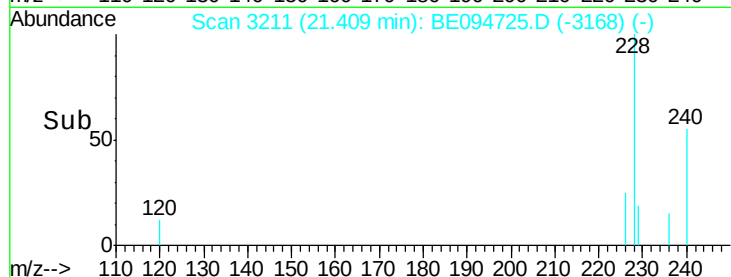
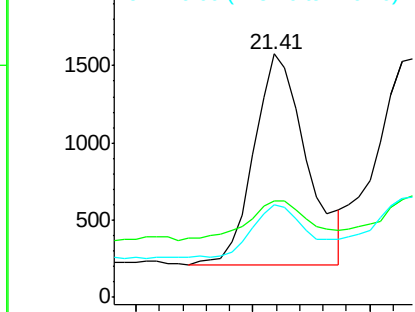
228 100

229 39.7 22.8 34.2#

226 37.9 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: 21.47 min Scan# 3224

Delta R.T. 0.00 min

Lab File: BE094725.D

Acq: 4 Nov 2017 1:38

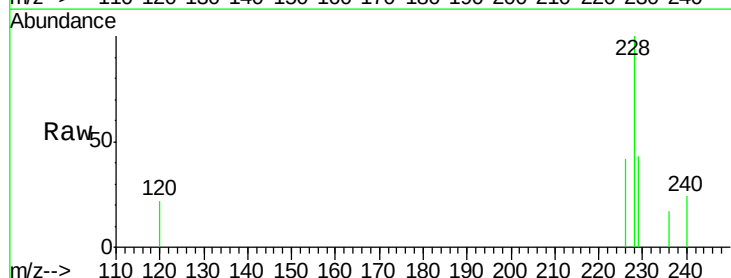
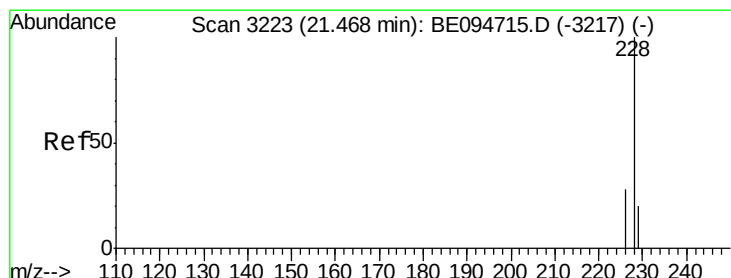
Tgt Ion:228 Resp: 2423

Ion Ratio Lower Upper

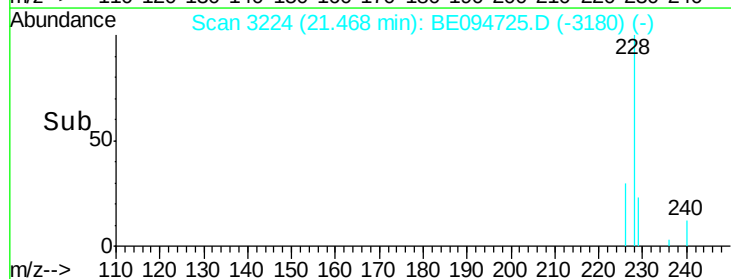
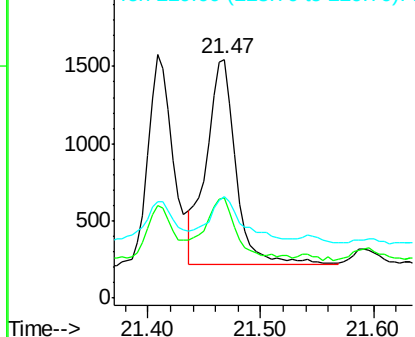
228 100

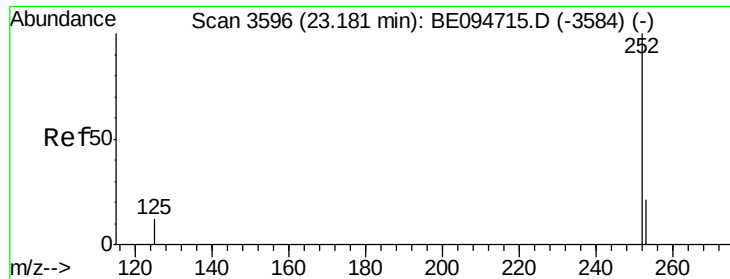
226 42.2 23.4 35.0#

229 42.6 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: 0.11 ng/ul

RT: 23.19 min Scan# 3598

Delta R.T. 0.00 min

Lab File: BE094725.D

Acq: 4 Nov 2017 1:38

Instrument :

BNA_E

ClientSampleId :

B-6(3.5-4.5)-101717

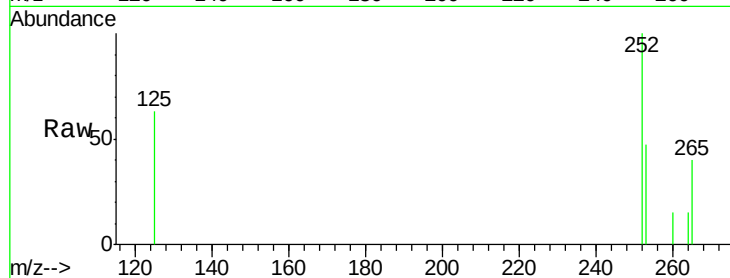
Tot Ion:252 Resp: 3457

Ion Ratio Lower Upper

252 100

253 47.4 0.0 64.2

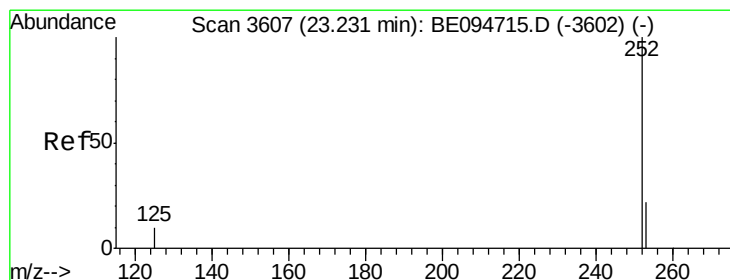
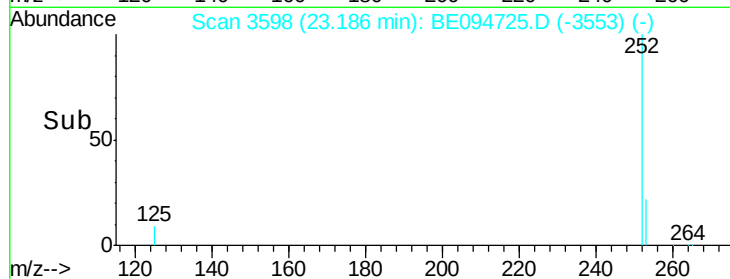
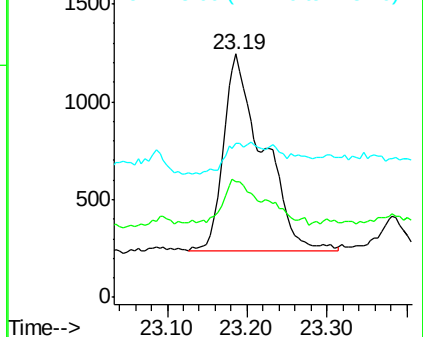
125 63.3 0.0 35.0#



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: 0.10 ng/ul

RT: 23.19 min Scan# 3598

Delta R.T. -0.05 min

Lab File: BE094725.D

Acq: 4 Nov 2017 1:38

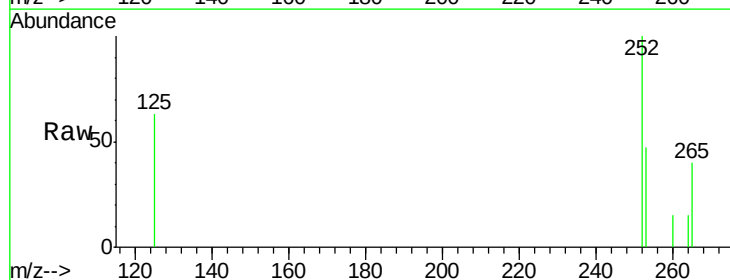
Tgt Ion:252 Resp: 3425

Ion Ratio Lower Upper

252 100

253 47.4 24.5 36.7#

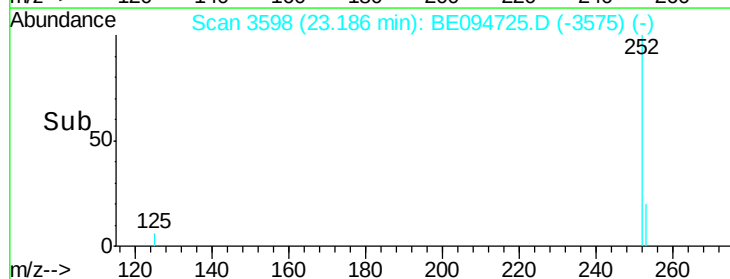
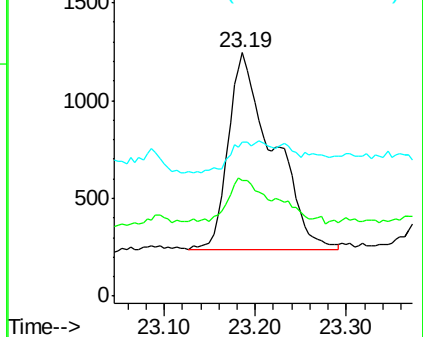
125 63.3 13.7 20.5#

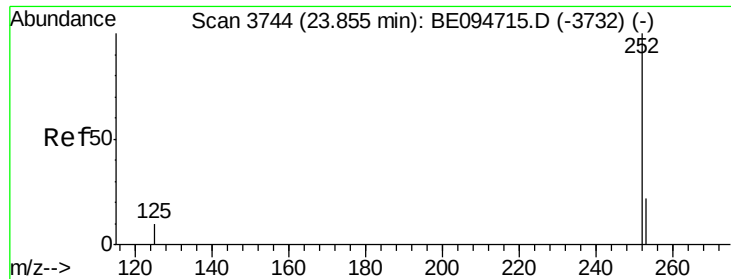


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.05 ng/ul

RT: 23.85 min Scan# 3744

Delta R.T. -0.00 min

Lab File: BE094725.D

Acq: 4 Nov 2017 1:38

Instrument :

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ClientSampleId :

B-6(3.5-4.5)-101717

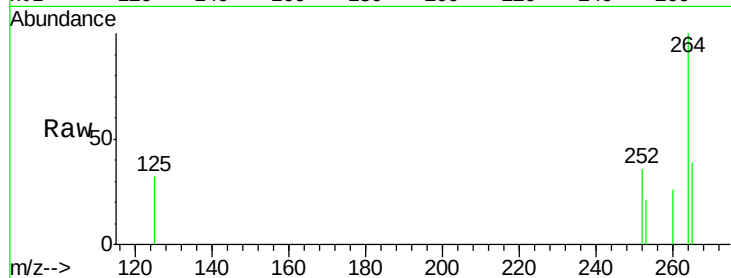
Tot Ion:252 Resp: 1601

Ion Ratio Lower Upper

252 100

253 58.5 28.5 42.7#

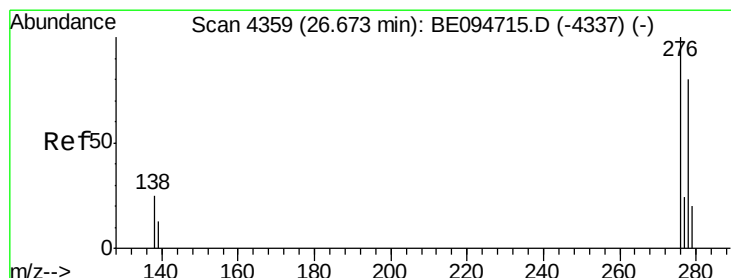
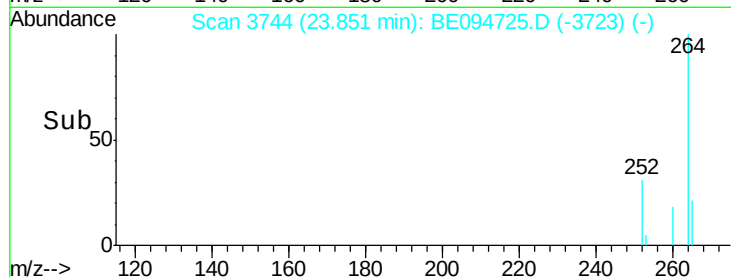
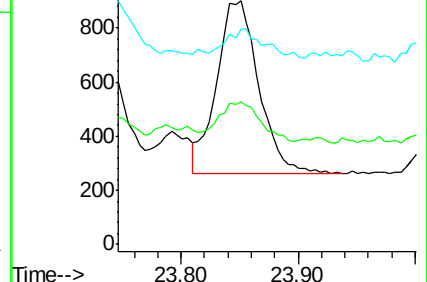
125 88.7 18.1 27.1#



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: 0.02 ng/ul

RT: 26.68 min Scan# 4361

Delta R.T. 0.00 min

Lab File: BE094725.D

Acq: 4 Nov 2017 1:38

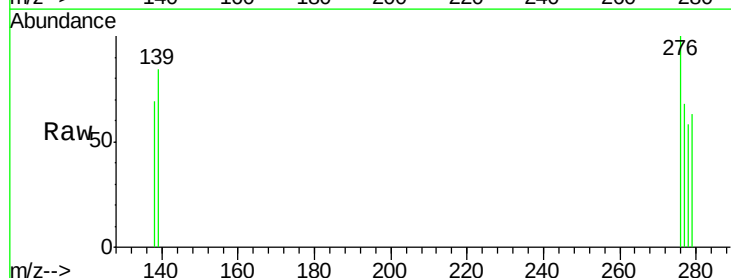
Tgt Ion:276 Resp: 819

Ion Ratio Lower Upper

276 100

138 19.2 28.0 42.0#

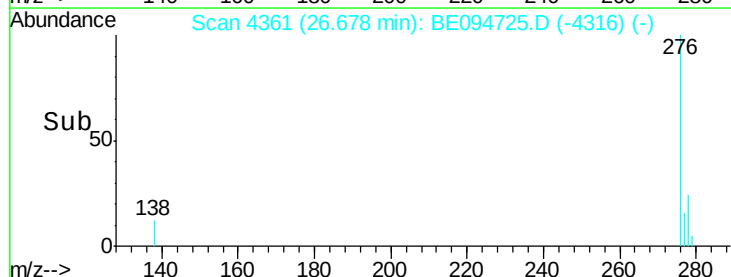
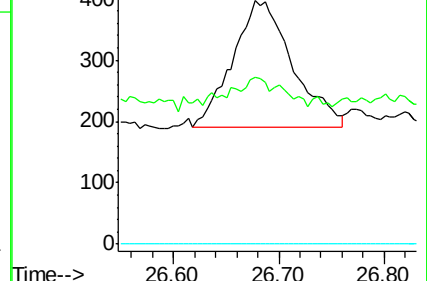
227 0.0 8.0 12.0#

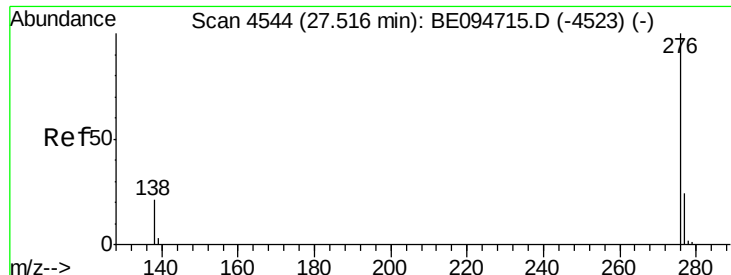


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.03 ng/ul

RT: 27.53 min Scan# 4547

Delta R.T. 0.01 min

Lab File: BE094725.D

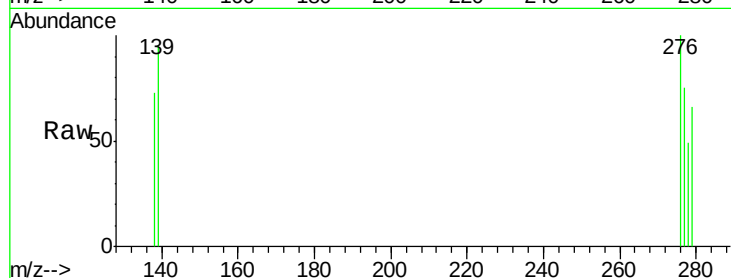
Acq: 4 Nov 2017 1:38

Instrument :

BNA_E

ClientSampleId :

B-6(3.5-4.5)-101717



Tot Ion: 276 Resp: 805

Ion Ratio Lower Upper

276 100

138 72.8 21.8 32.8#

277 74.8 20.5 30.7#

