

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA E\DATA\BE101317\
 Data File : BE094342.D
 Acq On : 14 Oct 2017 2:45
 Operator : SJ/JU
 Sample : I5649-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 14 04:03:37 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 03:57:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2039	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	10034	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	6028	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.27
16) Chrysene-d12	21.44	240	11620	0.40	ng/ul	0.00
20) Perylene-d12	23.82	264	814235	0.40	ng/ul	-0.16

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.29	152	4898	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	11732	0.00	ng/ul	0.00

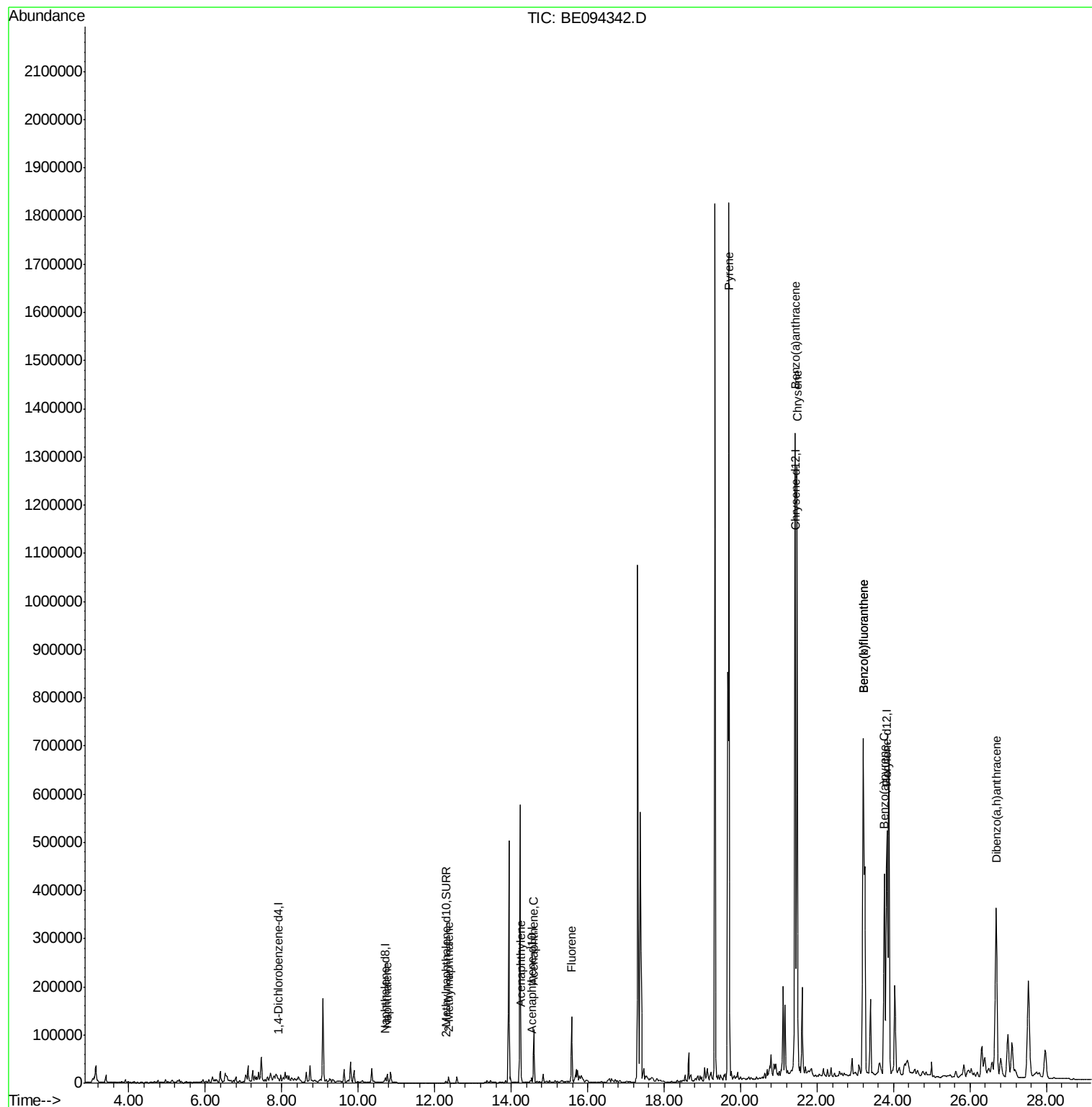
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.75	128	27597	1.123	ng/ul#	95
5) 2-Methylnaphthalene	12.36	142	10585	0.664	ng/ul	97
7) Acenaphthylene	14.26	152	21549	0.917	ng/ul	98
8) Acenaphthene	14.60	153	66885	3.457	ng/ul	97
9) Fluorene	15.58	166	85717	3.783	ng/ul#	94
17) Pyrene	19.70	202	2070103	64.029	ng/ul#	83
18) Benzo(a)anthracene	21.43	228	1363837	44.242	ng/ul#	87
19) Chrysene	21.48	228	1241671	34.879	ng/ul	98
21) Benzo(b)fluoranthene	23.21	252	1271505	0.575	ng/ul	86
22) Benzo(k)fluoranthene	23.21	252	1187578	0.465	ng/ul#	87
23) Benzo(a)pyrene	23.76	252	684400	0.298	ng/ul#	83
25) Dibenzo(a,h)anthracene	26.68	278	117371	0.060	ng/ul	95

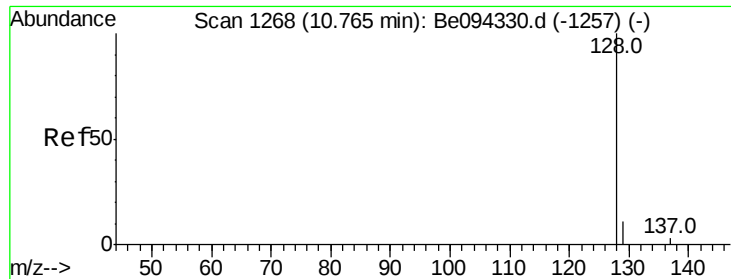
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_E
ClientSampled :

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#3

Naphthalene

Concen: 1.123 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BE094342.D

Acq: 14 Oct 2017 2:45

Instrument :

BNA_E

ClientSampleId :

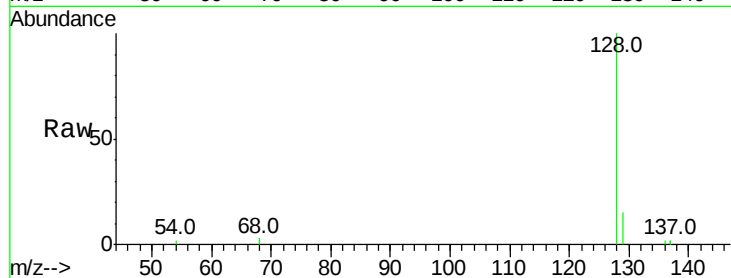
Tot Ion:128 Resp: 27597

Ion Ratio Lower Upper

128 100

129 14.7 11.3 16.9

127 0.0 4.0 6.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

10.75

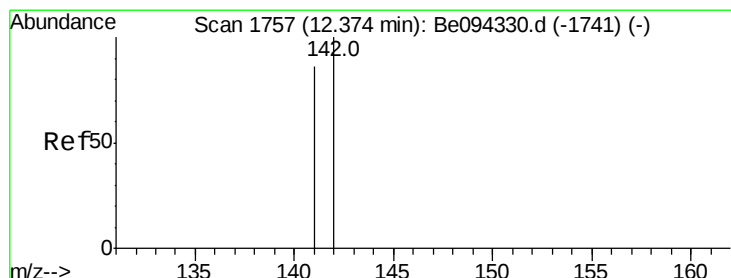
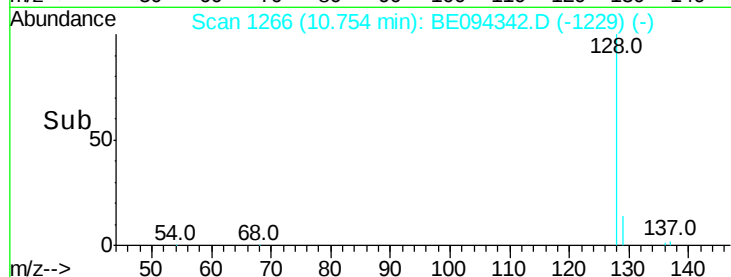
15000

10000

5000

0

Time-->



#5

2-Methylnaphthalene

Concen: 0.664 ng/ul

RT: 12.36 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BE094342.D

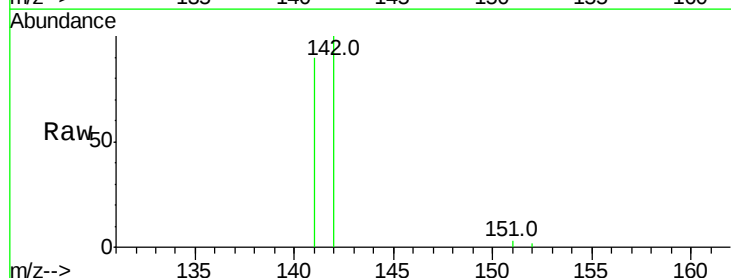
Acq: 14 Oct 2017 2:45

Tgt Ion:142 Resp: 10585

Ion Ratio Lower Upper

142 100

141 88.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.36

8000

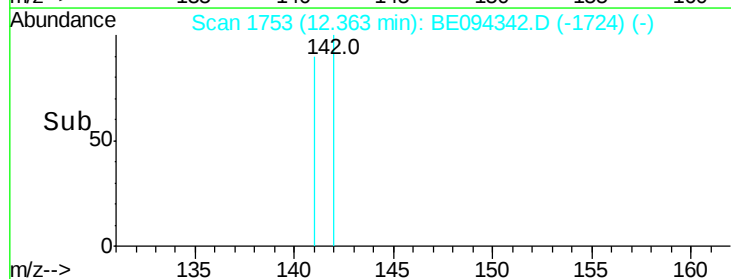
6000

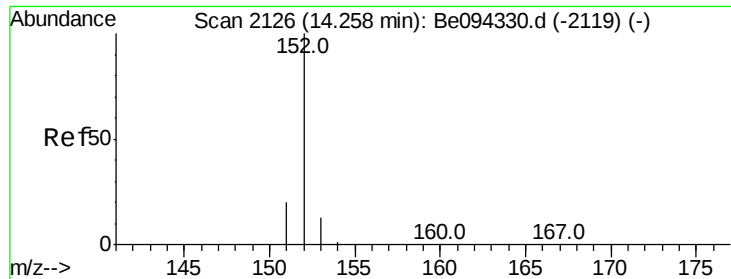
4000

2000

0

Time-->





#7

Acenaphthylene

Concen: 0.917 ng/ul

RT: 14.26 min Scan# 2126

Delta R.T. 0.00 min

Lab File: BE094342.D

Acq: 14 Oct 2017 2:45

Instrument :

BNA_E

ClientSampleId :

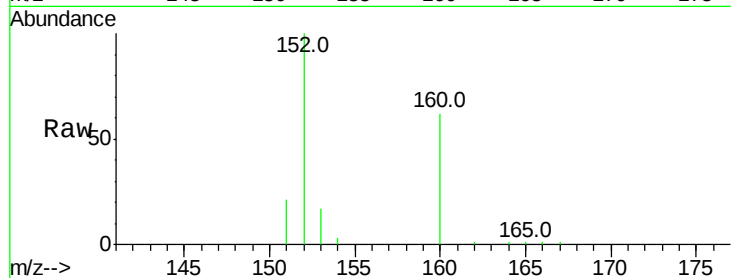
Tot Ion:152 Resp: 21549

Ion Ratio Lower Upper

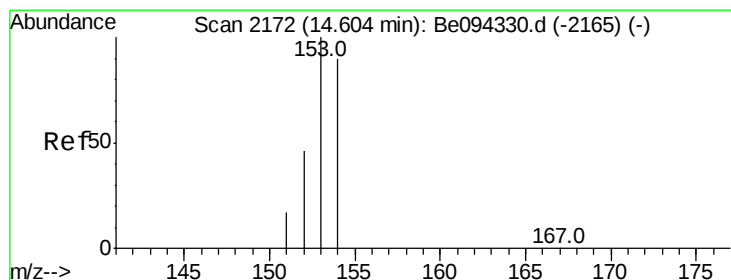
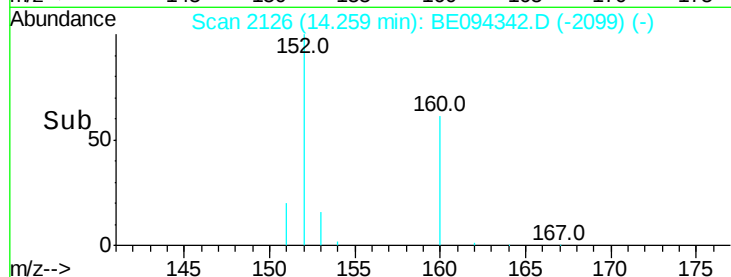
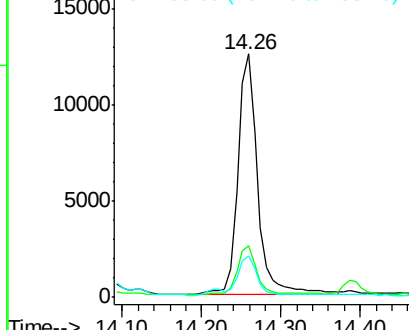
152 100

151 21.0 17.1 25.7

153 17.0 12.8 19.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 3.457 ng/ul

RT: 14.60 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BE094342.D

Acq: 14 Oct 2017 2:45

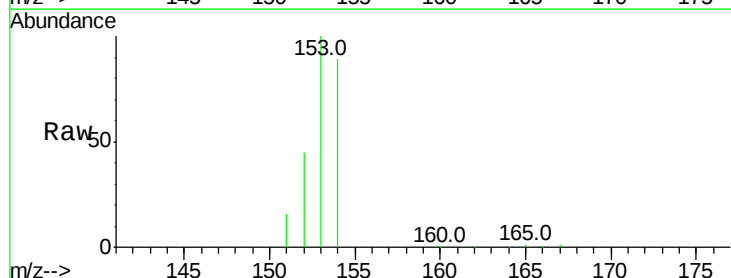
Tgt Ion:153 Resp: 66885

Ion Ratio Lower Upper

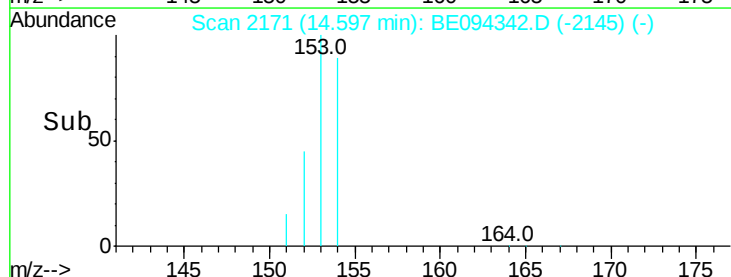
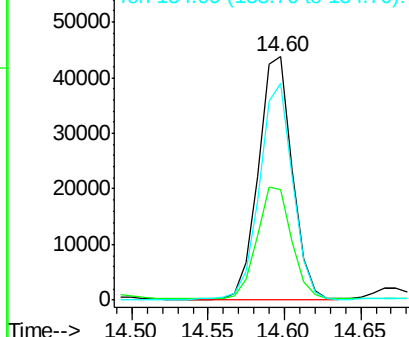
153 100

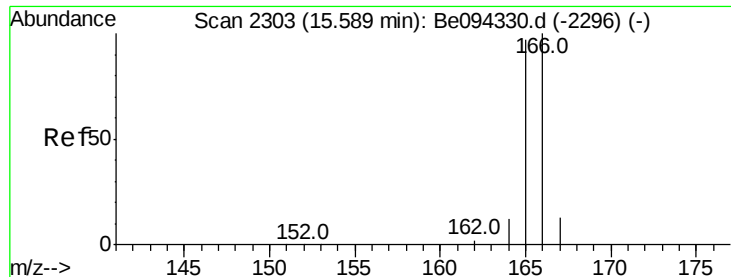
152 45.3 40.3 60.5

154 89.2 71.4 107.2



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 3.783 ng/ul

RT: 15.58 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BE094342.D

Acq: 14 Oct 2017 2:45

Instrument :

BNA_E

ClientSampleId :

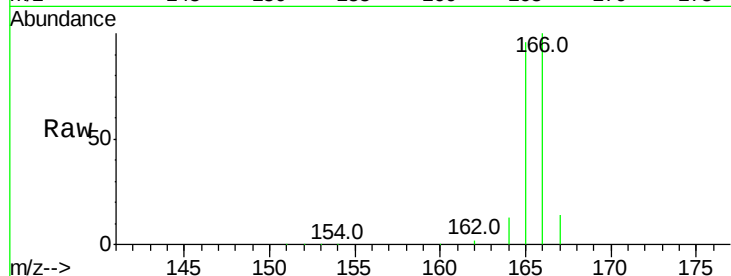
Tot Ion:166 Resp: 85717

Ion Ratio Lower Upper

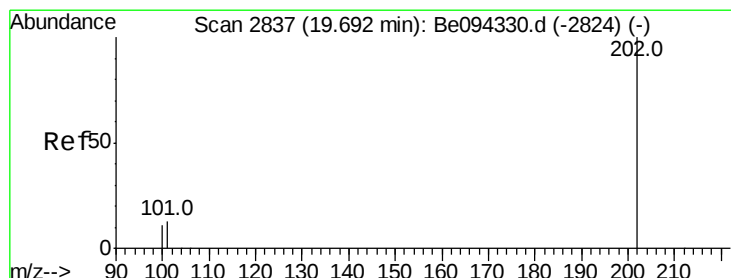
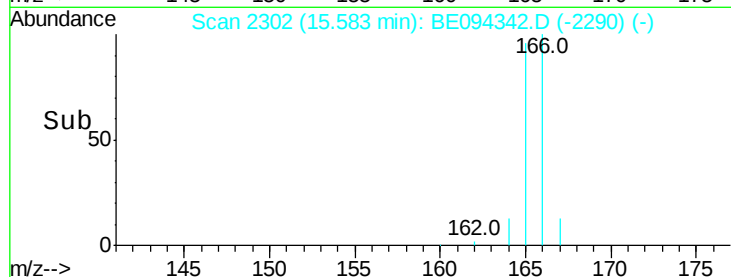
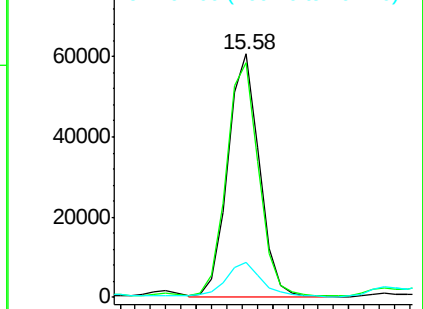
166 100

165 96.4 73.4 110.2

167 14.4 14.6 22.0#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#17

Pyrene

Concen: 64.029 ng/ul

RT: 19.70 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BE094342.D

Acq: 14 Oct 2017 2:45

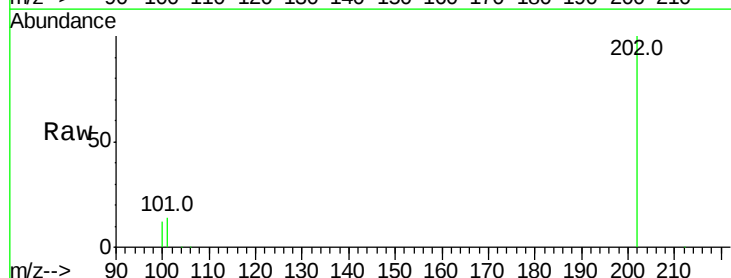
Tgt Ion:202 Resp: 2070103

Ion Ratio Lower Upper

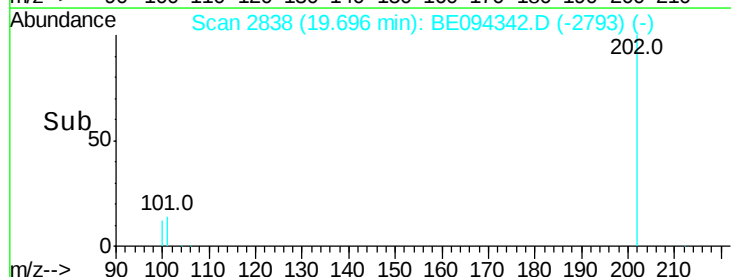
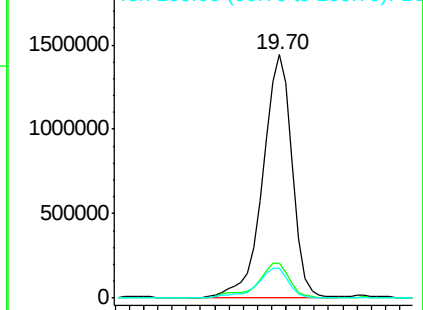
202 100

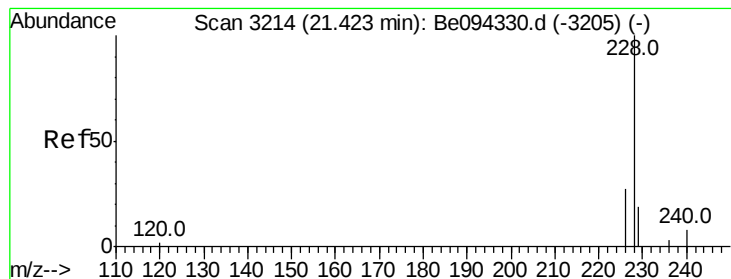
101 14.2 18.2 27.4#

100 12.0 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: 44.242 ng/ul

RT: 21.43 min Scan# 3215

Delta R.T. 0.00 min

Lab File: BE094342.D

Acq: 14 Oct 2017 2:45

Instrument :

BNA_E

ClientSampleId :

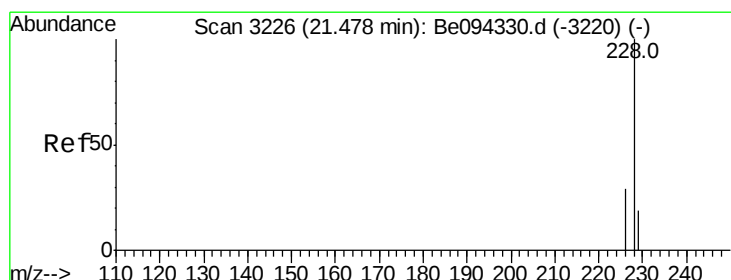
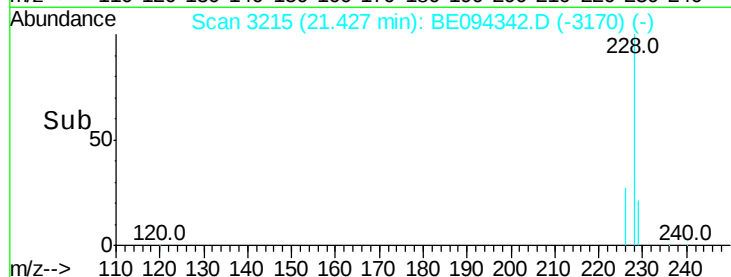
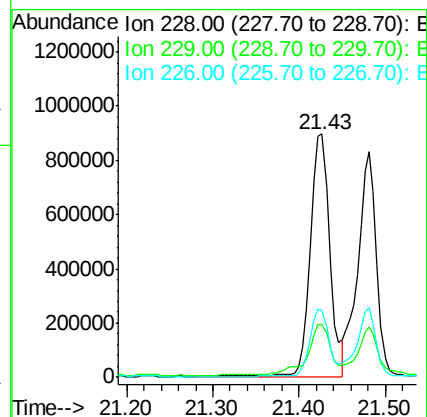
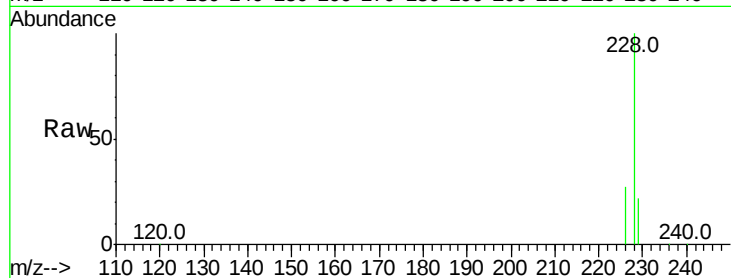
Tot Ion:228 Resp: 1363837

Ion Ratio Lower Upper

228 100

229 21.9 22.8 34.2#

226 27.4 17.0 25.6#



#19

Chrysene

Concen: 34.879 ng/ul

RT: 21.48 min Scan# 3227

Delta R.T. 0.00 min

Lab File: BE094342.D

Acq: 14 Oct 2017 2:45

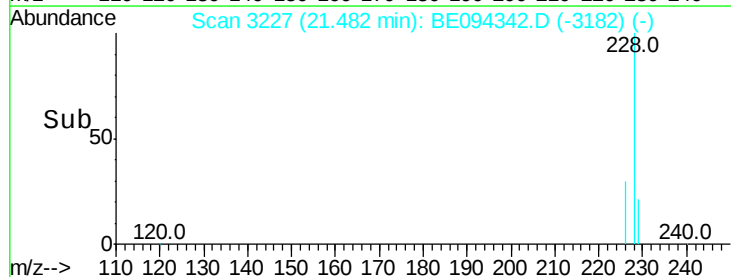
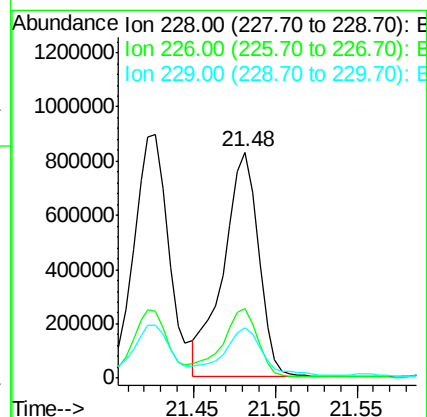
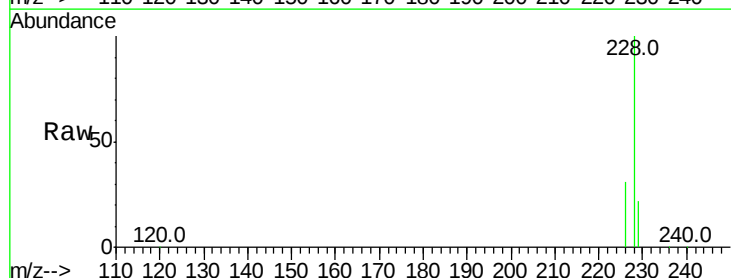
Tgt Ion:228 Resp: 1241671

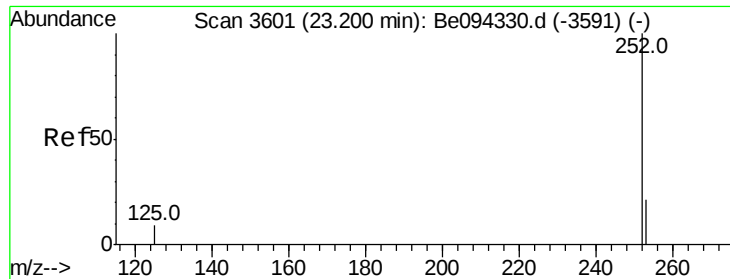
Ion Ratio Lower Upper

228 100

226 30.6 23.4 35.0

229 22.2 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.575 ng/u1

RT: 23.21 min Scan# 3603

Delta R.T. 0.01 min

Lab File: BE094342.D

Acq: 14 Oct 2017 2:45

Instrument :

BNA_E

ClientSampleId :

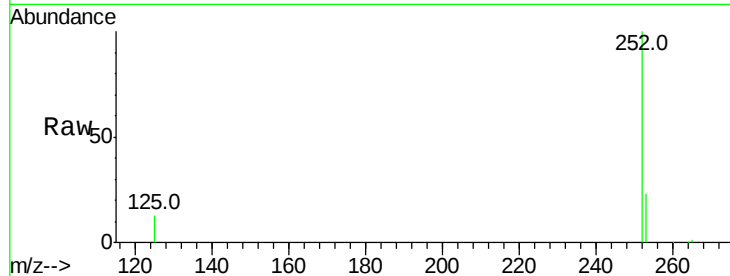
Tot Ion:252 Resp: 1271505

Ion Ratio Lower Upper

252 100

253 23.0 0.0 64.2

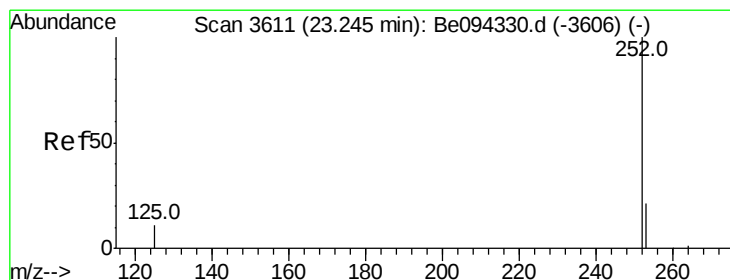
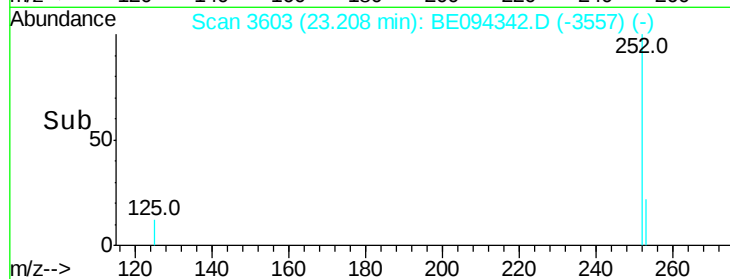
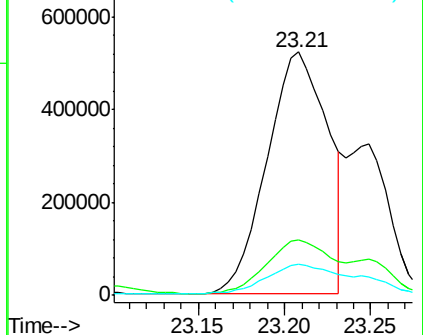
125 12.6 0.0 35.0



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: 0.465 ng/u1

RT: 23.21 min Scan# 3603

Delta R.T. -0.04 min

Lab File: BE094342.D

Acq: 14 Oct 2017 2:45

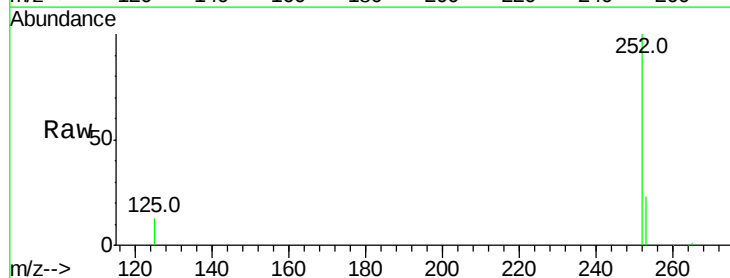
Tgt Ion:252 Resp: 1187578

Ion Ratio Lower Upper

252 100

253 23.0 24.5 36.7#

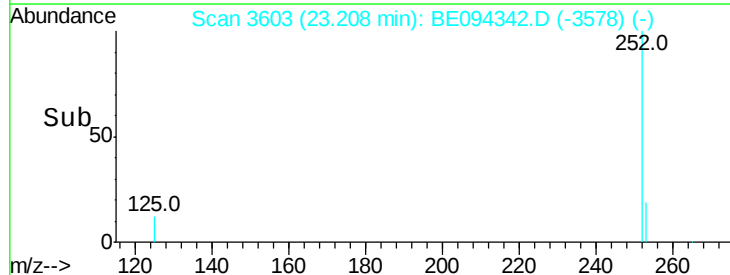
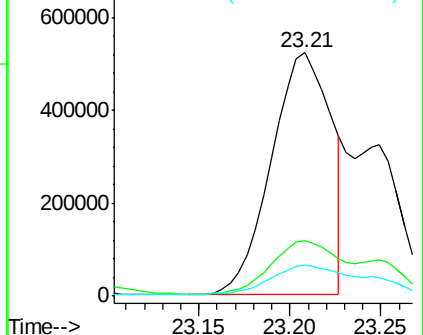
125 12.6 13.7 20.5#

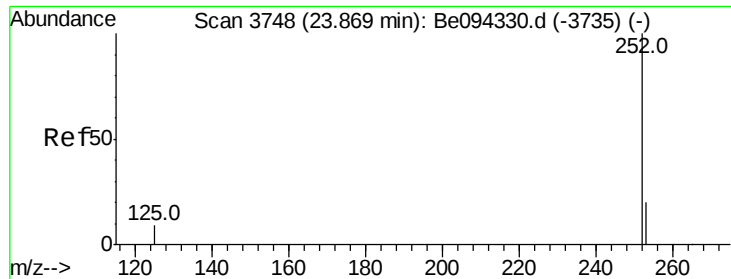


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.298 ng/ul

RT: 23.76 min Scan# 3724

Delta R.T. -0.11 min

Lab File: BE094342.D

Acq: 14 Oct 2017 2:45

Instrument :

BNA_E

ClientSampleId :

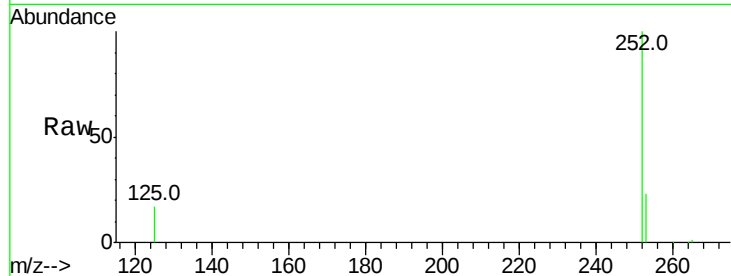
Tot Ion:252 Resp: 684400

Ion Ratio Lower Upper

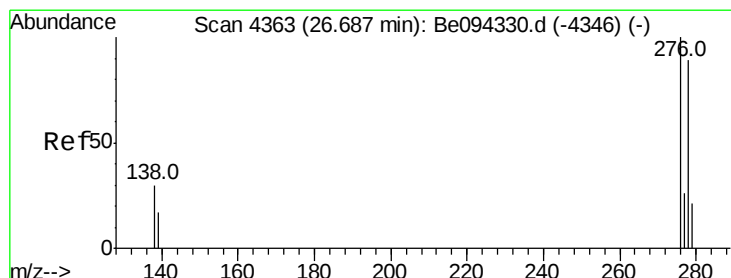
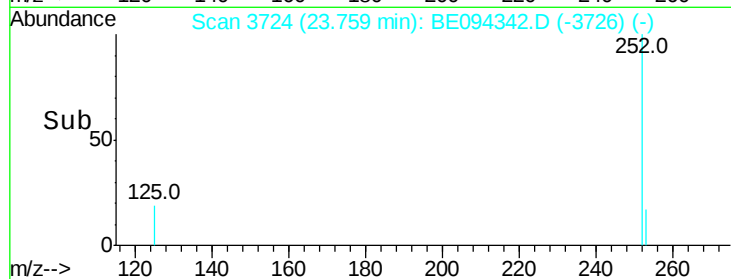
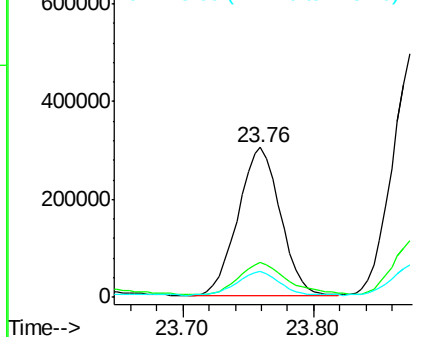
252 100

253 23.0 28.5 42.7#

125 17.2 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



#25

Dibenzo(a,h)anthracene

Concen: 0.060 ng/ul

RT: 26.68 min Scan# 4362

Delta R.T. -0.01 min

Lab File: BE094342.D

Acq: 14 Oct 2017 2:45

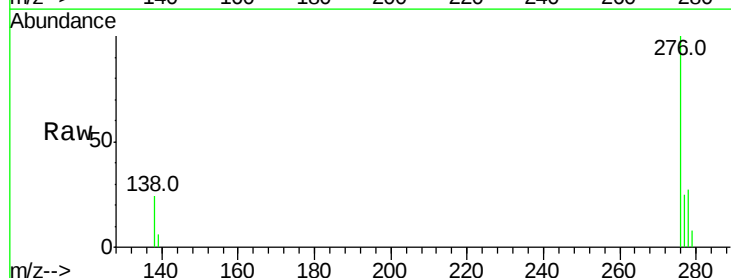
Tgt Ion:278 Resp: 117371

Ion Ratio Lower Upper

278 100

139 21.0 17.4 26.0

279 28.4 25.9 38.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

