

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092017\
 Data File : BE094060.D
 Acq On : 21 Sep 2017 8:34
 Operator : SJ/JU
 Sample : I5287-04 5X
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CB3J2

Quant Time: Sep 21 09:11:55 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 21 07:18:34 2017
 Response via : Initial Calibration

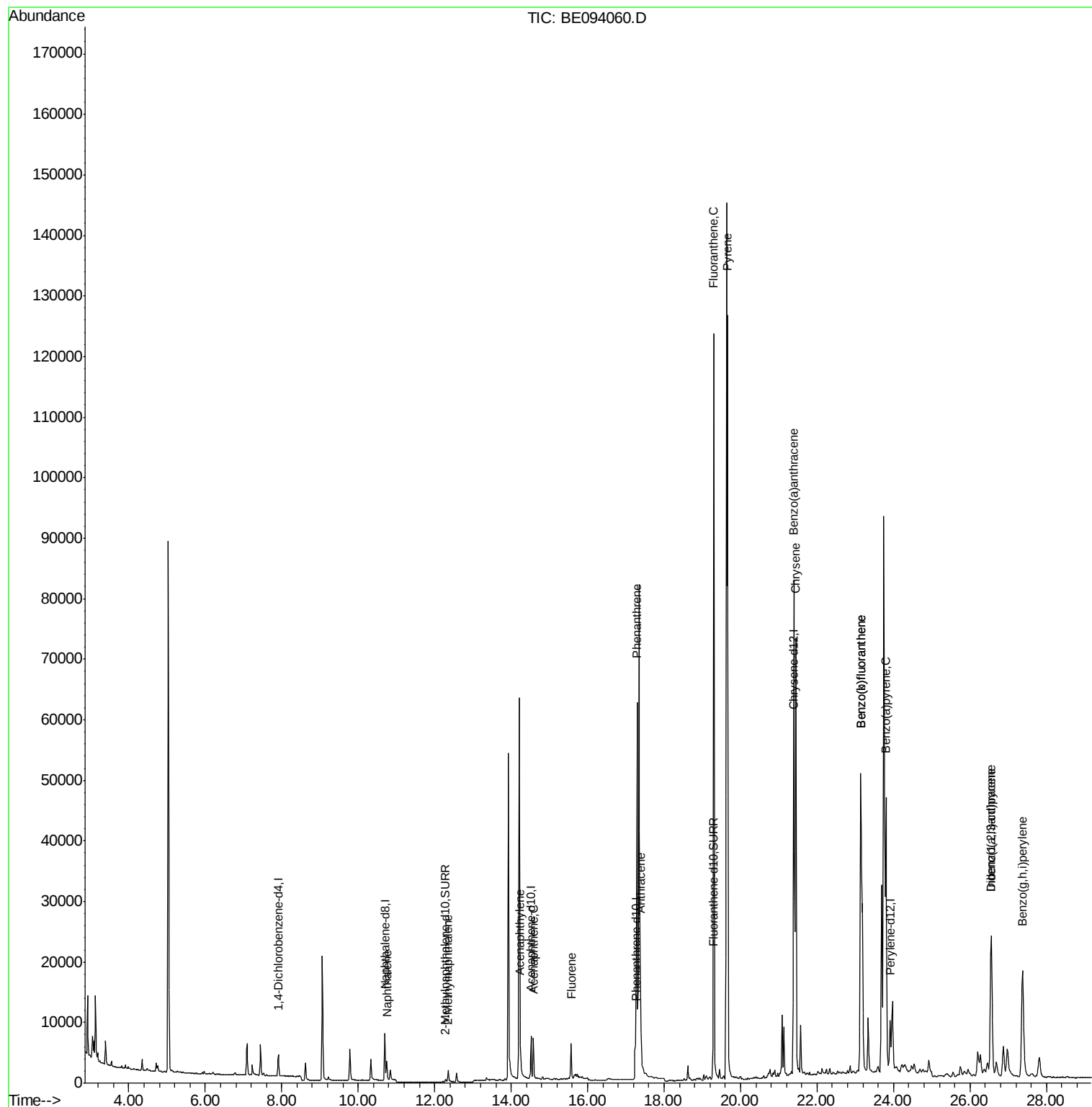
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1850	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	8344	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	4282	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9777	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	12902	0.40	ng/ul	-0.01
20) Perylene-d12	23.91	264	13720	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	588	0.05	ng/ul	-0.02
14) Fluoranthene-d10	19.27	212	1610	0.05	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	5107	0.250	ng/ul#	94
5) 2-Methylnaphthalene	12.35	142	1965	0.148	ng/ul	98
7) Acenaphthylene	14.24	152	2956	0.177	ng/ul	99
8) Acenaphthene	14.58	153	4063	0.296	ng/ul	98
9) Fluorene	15.57	166	4106	0.255	ng/ul	96
12) Phenanthrene	17.29	178	79776	3.122	ng/ul#	92
13) Anthracene	17.38	178	18341	0.738	ng/ul#	92
15) Fluoranthene	19.30	202	143714	4.281	ng/ul	85
17) Pyrene	19.66	202	138773	3.866	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	77026	2.250	ng/ul#	86
19) Chrysene	21.45	228	79890	2.021	ng/ul	98
21) Benzo(b)fluoranthene	23.14	252	130957	3.514	ng/ul	85
22) Benzo(k)fluoranthene	23.14	252	130941	3.039	ng/ul#	87
23) Benzo(a)pyrene	23.80	252	68465	1.768	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	26.56	276	43207	1.091	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.56	278	11190	0.337	ng/ul	93
26) Benzo(a,h,i)perylene	27.38	276	44079	1.290	ng/ul	98

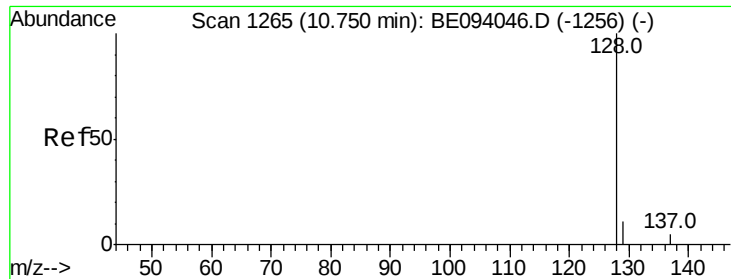
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092017\
Data File : BE094060.D
Acq On : 21 Sep 2017 8:34
Operator : SJ/JU
Sample : I5287-04 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
CB3J2

Quant Time: Sep 21 09:11:55 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 21 07:18:34 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.250 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BE094060.D

Acq: 21 Sep 2017 8:34

Instrument :

BNA_E

ClientSampleId :

CB3J2

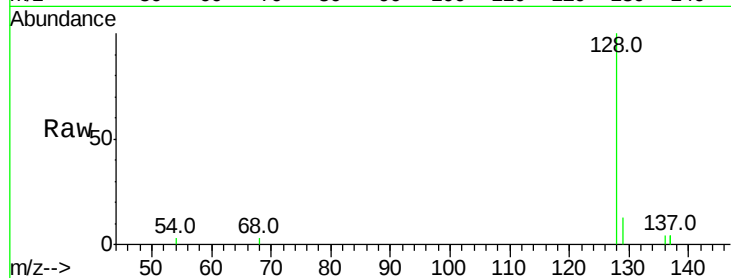
Tot Ion:128 Resp: 5107

Ion Ratio Lower Upper

128 100

129 12.8 11.3 16.9

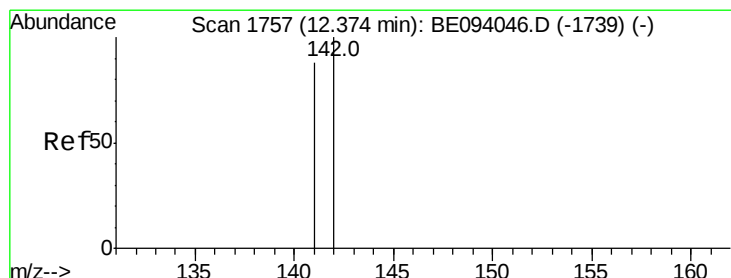
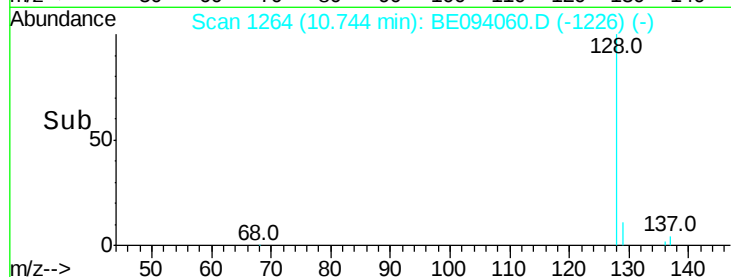
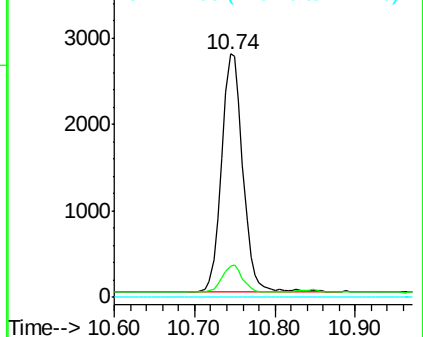
127 0.0 4.0 6.0#



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



#5

2-Methylnaphthalene

Concen: 0.148 ng/ul

RT: 12.35 min Scan# 1750

Delta R.T. -0.02 min

Lab File: BE094060.D

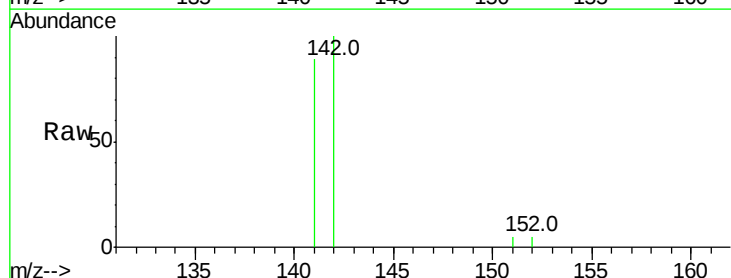
Acq: 21 Sep 2017 8:34

Tgt Ion:142 Resp: 1965

Ion Ratio Lower Upper

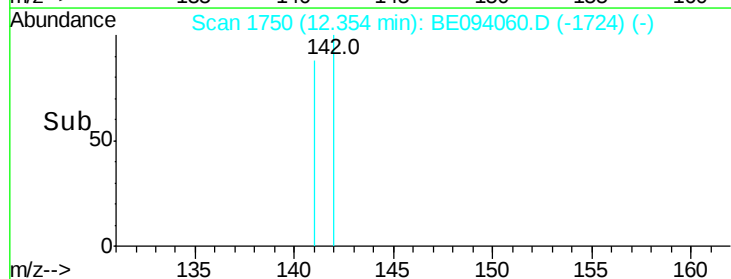
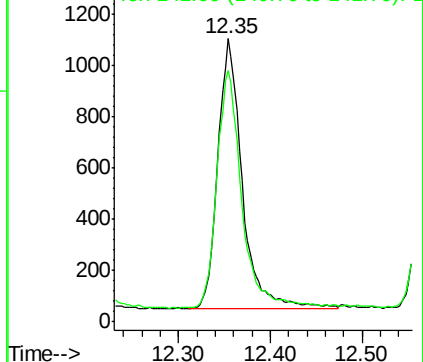
142 100

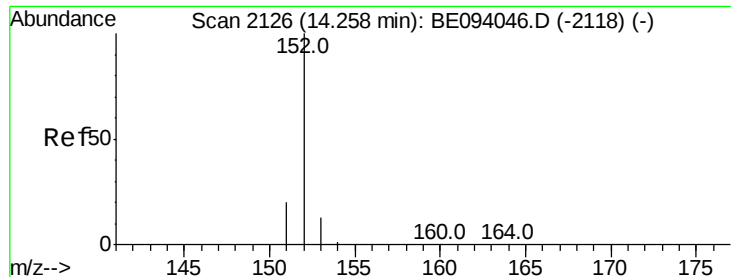
141 89.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.177 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.02 min

Lab File: BE094060.D

Acq: 21 Sep 2017 8:34

Instrument :

BNA_E

ClientSampleId :

CB3J2

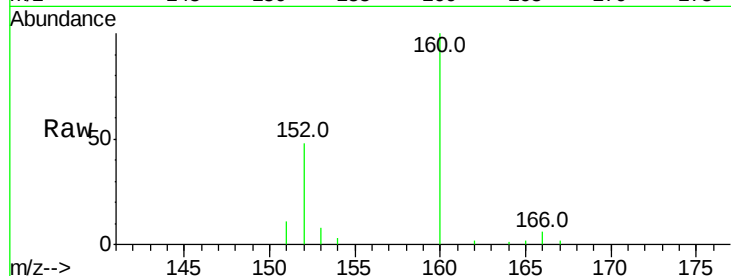
Tot Ion:152 Resp: 2956

Ion Ratio Lower Upper

152 100

151 22.1 17.1 25.7

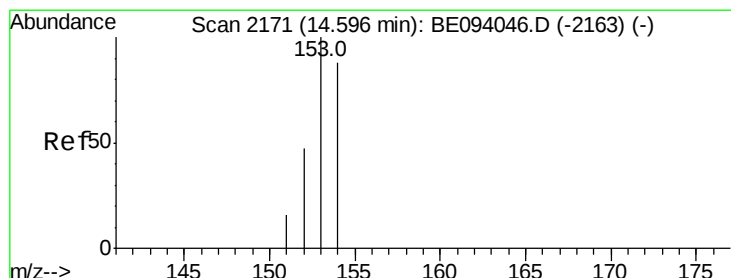
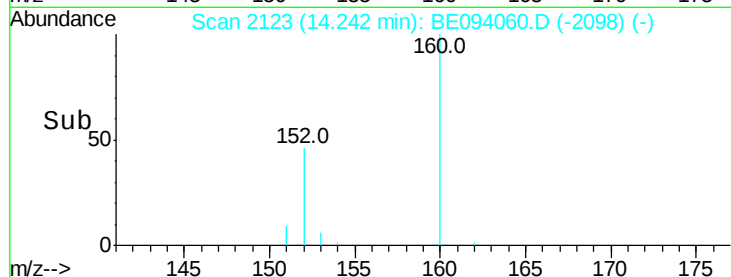
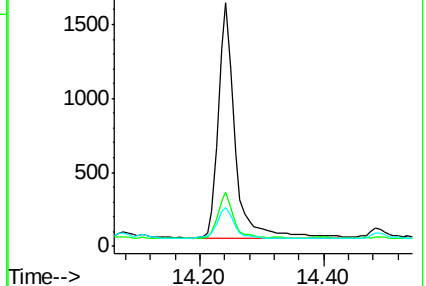
153 16.2 12.8 19.2



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: 0.296 ng/ul

RT: 14.58 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BE094060.D

Acq: 21 Sep 2017 8:34

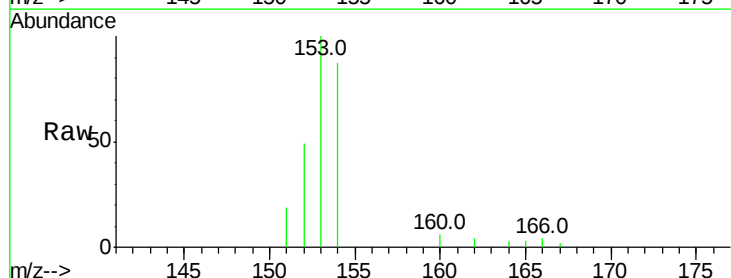
Tgt Ion:153 Resp: 4063

Ion Ratio Lower Upper

153 100

152 49.0 40.3 60.5

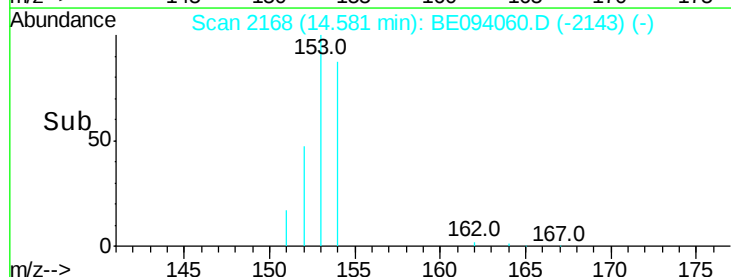
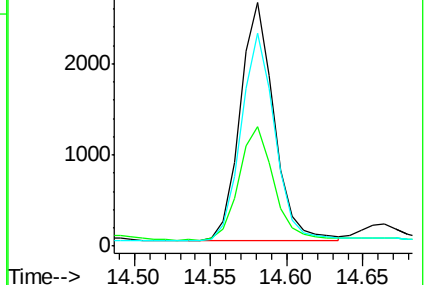
154 87.5 71.4 107.2

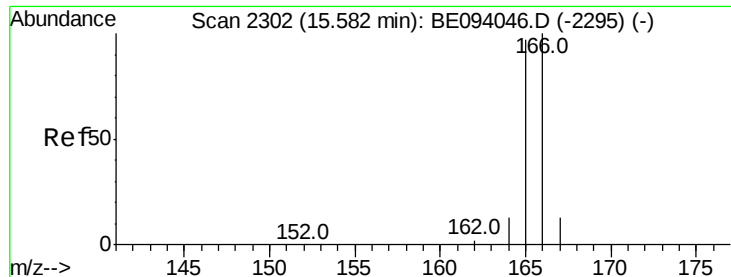


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.255 ng/ul

RT: 15.57 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BE094060.D

Acq: 21 Sep 2017 8:34

Instrument :

BNA_E

ClientSampleId :

CB3J2

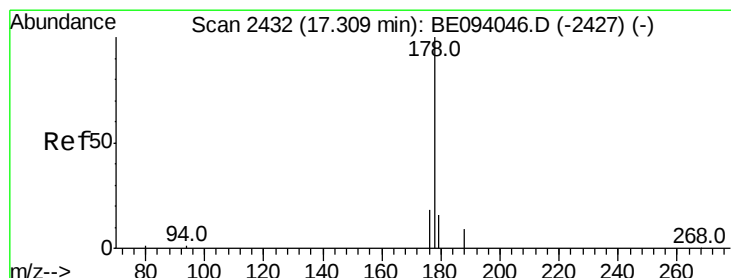
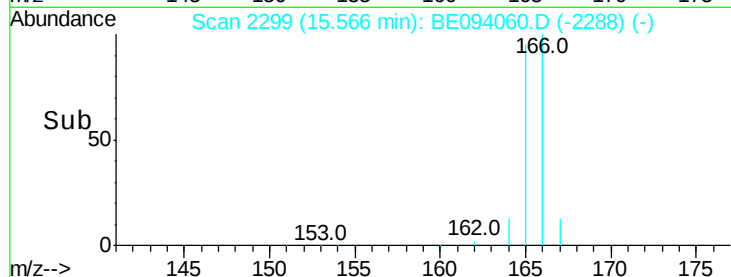
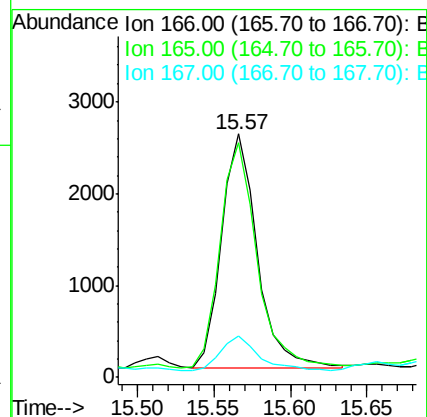
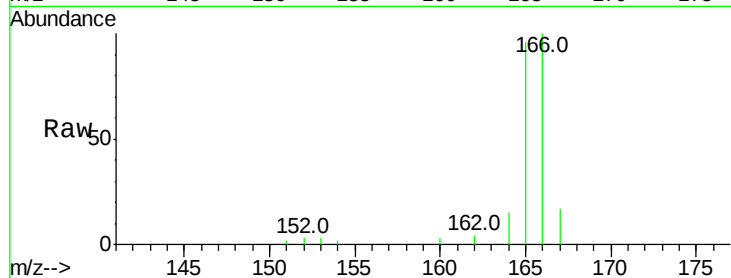
Tot Ion:166 Resp: 4106

Ion Ratio Lower Upper

166 100

165 96.3 73.4 110.2

167 16.9 14.6 22.0



#12

Phenanthrene

Concen: 3.122 ng/ul

RT: 17.29 min Scan# 2430

Delta R.T. -0.02 min

Lab File: BE094060.D

Acq: 21 Sep 2017 8:34

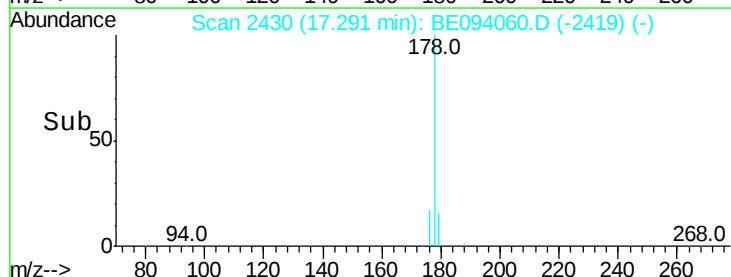
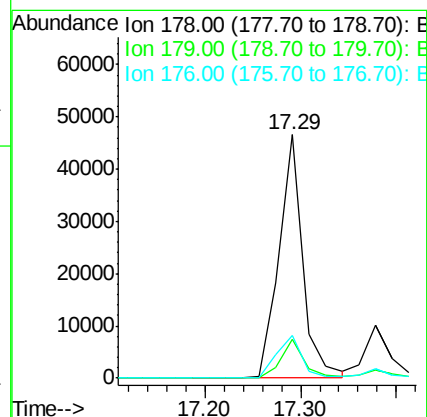
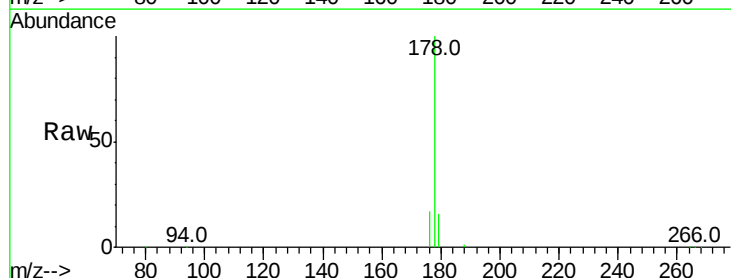
Tgt Ion:178 Resp: 79776

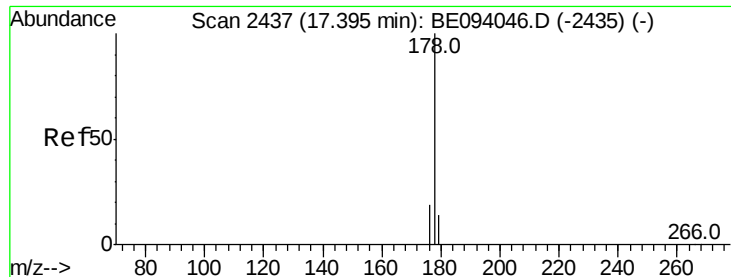
Ion Ratio Lower Upper

178 100

179 16.1 18.4 27.6#

176 17.3 13.6 20.4





#13

Anthracene

Concen: 0.738 ng/ul

RT: 17.38 min Scan# 2435

Delta R.T. -0.02 min

Lab File: BE094060.D

Acq: 21 Sep 2017 8:34

Instrument :

BNA_E

ClientSampleId :

CB3J2

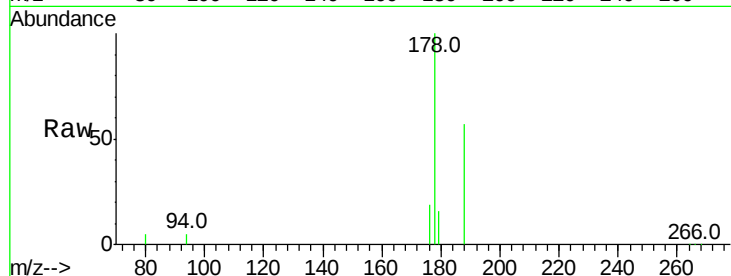
Tot Ion:178 Resp: 18341

Ion Ratio Lower Upper

178 100

179 15.8 18.1 27.1#

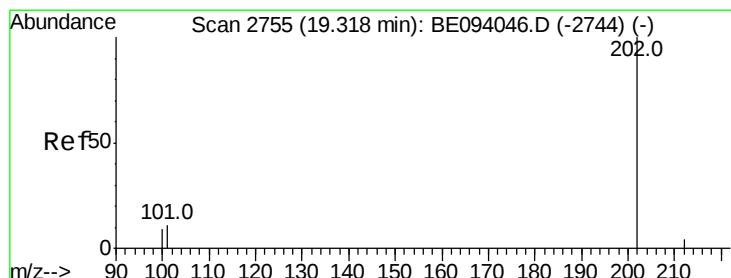
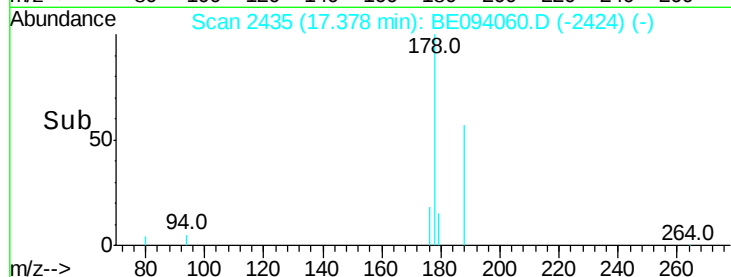
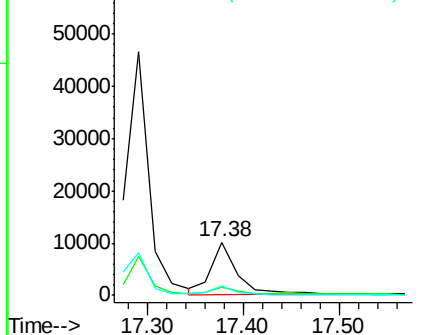
176 18.5 14.7 22.1



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



#15

Fluoranthene

Concen: 4.281 ng/ul

RT: 19.30 min Scan# 2750

Delta R.T. -0.02 min

Lab File: BE094060.D

Acq: 21 Sep 2017 8:34

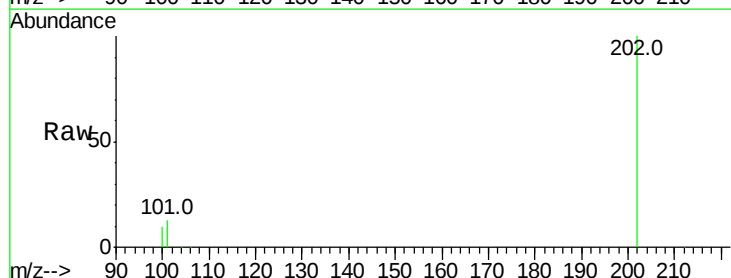
Tgt Ion:202 Resp: 143714

Ion Ratio Lower Upper

202 100

101 12.6 0.0 30.3

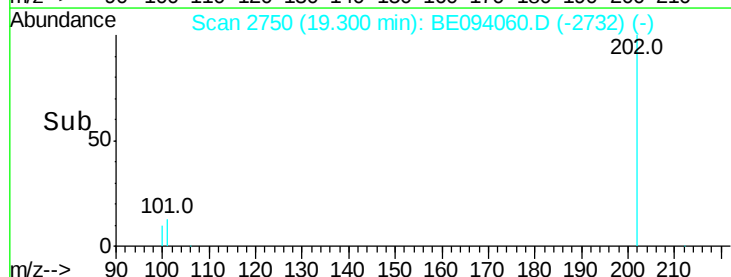
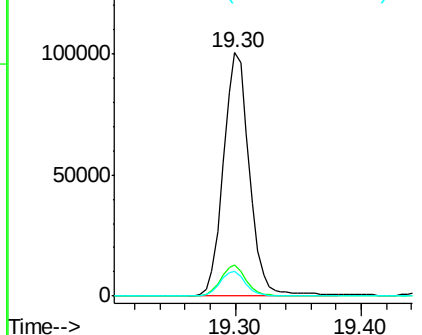
100 10.3 0.0 39.5

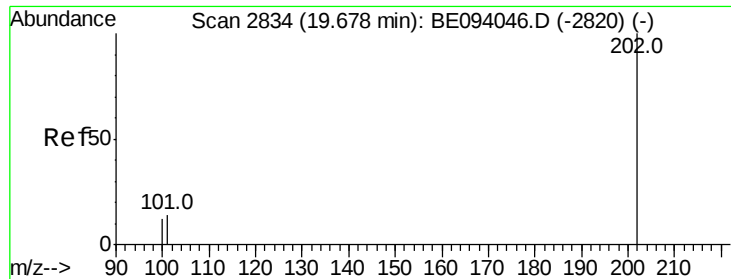


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 3.866 ng/ul

RT: 19.66 min Scan# 2829

Delta R.T. -0.02 min

Lab File: BE094060.D

Acq: 21 Sep 2017 8:34

Instrument :

BNA_E

ClientSampleId :

CB3J2

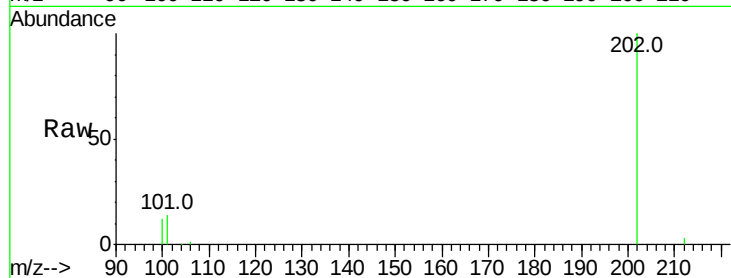
Tot Ion:202 Resp: 138773

Ion Ratio Lower Upper

202 100

101 14.3 18.2 27.4#

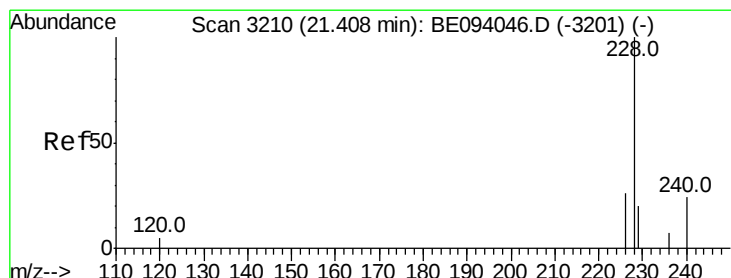
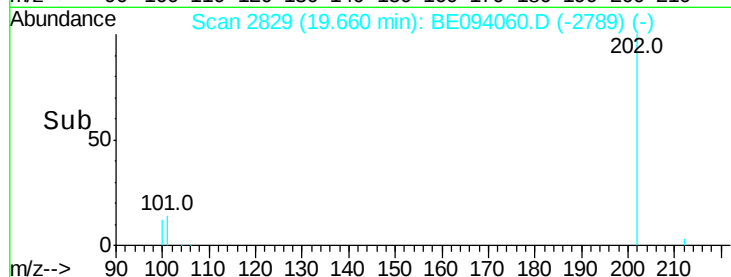
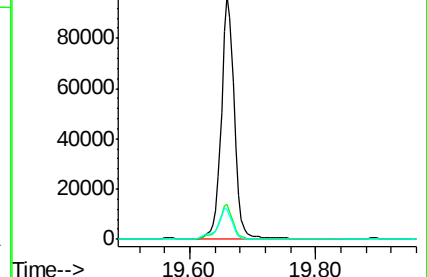
100 12.3 15.6 23.4#



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): E



#18

Benzo(a)anthracene

Concen: 2.250 ng/ul

RT: 21.39 min Scan# 3206

Delta R.T. -0.02 min

Lab File: BE094060.D

Acq: 21 Sep 2017 8:34

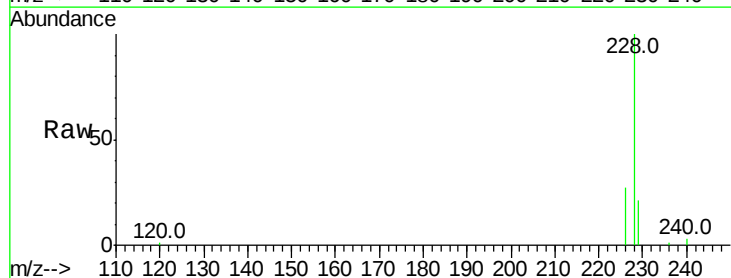
Tgt Ion:228 Resp: 77026

Ion Ratio Lower Upper

228 100

229 20.7 22.8 34.2#

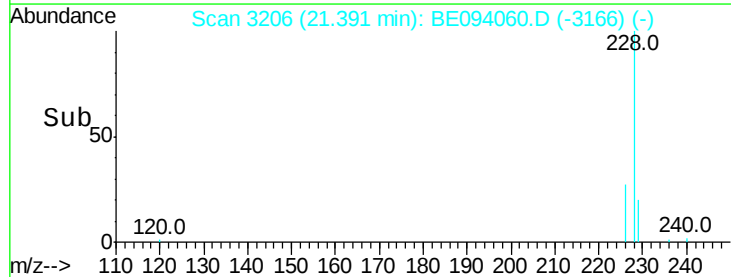
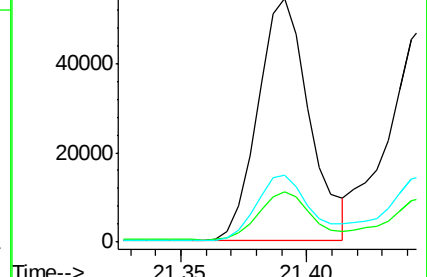
226 27.3 17.0 25.6#

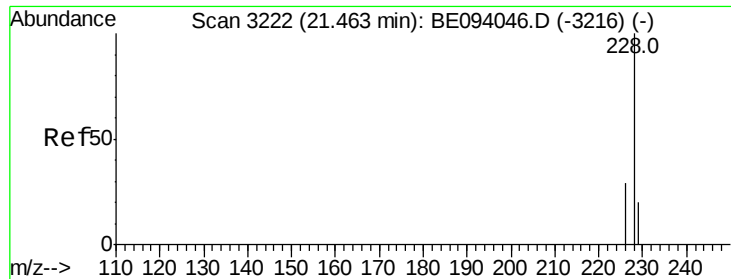


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 2.021 ng/ul

RT: 21.45 min Scan# 3218

Delta R.T. -0.02 min

Lab File: BE094060.D

Acq: 21 Sep 2017 8:34

Instrument :

BNA_E

ClientSampleId :

CB3J2

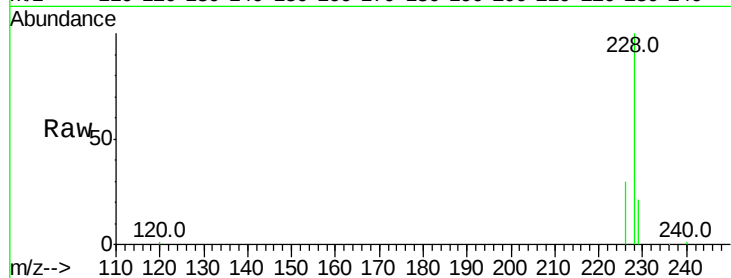
Tot Ion:228 Resp: 79890

Ion Ratio Lower Upper

228 100

226 30.0 23.4 35.0

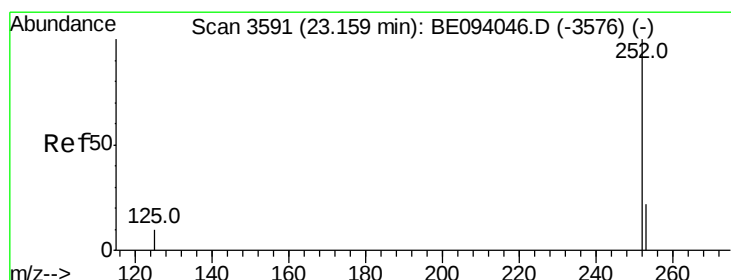
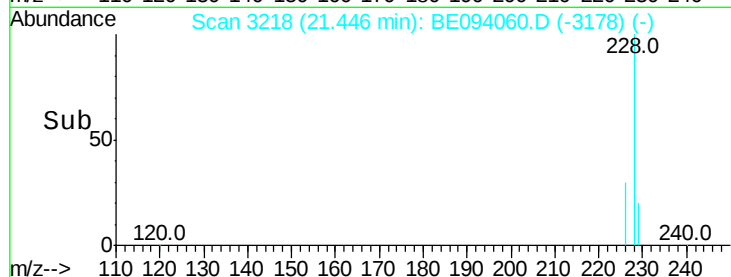
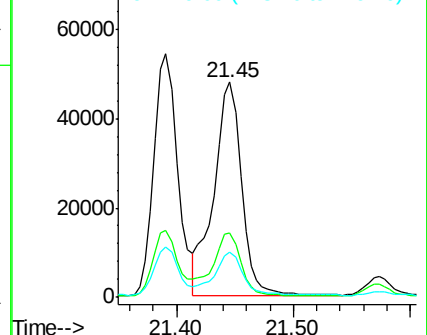
229 21.0 17.7 26.5



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: 3.514 ng/ul

RT: 23.14 min Scan# 3588

Delta R.T. -0.01 min

Lab File: BE094060.D

Acq: 21 Sep 2017 8:34

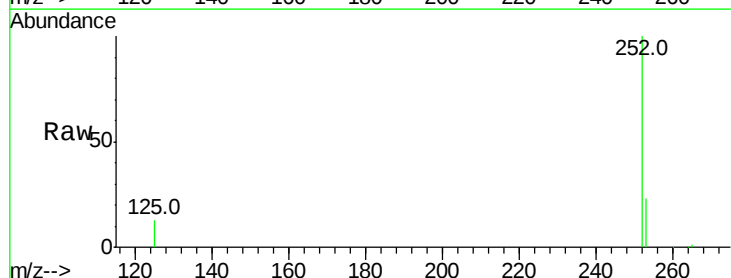
Tgt Ion:252 Resp: 130957

Ion Ratio Lower Upper

252 100

253 22.9 0.0 64.2

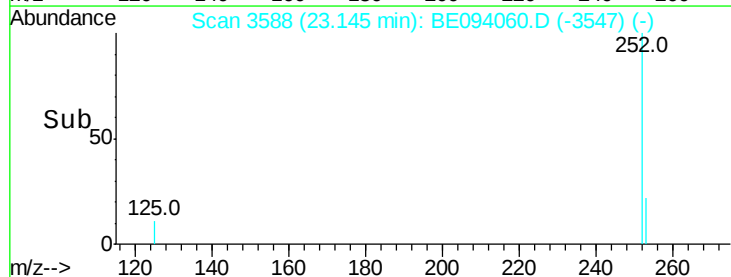
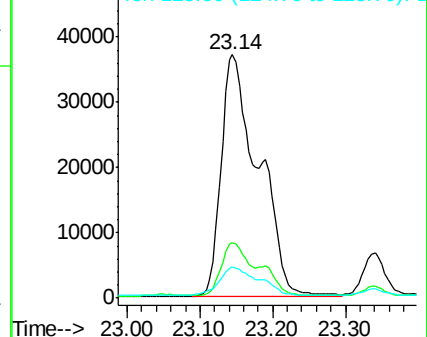
125 12.6 0.0 35.0

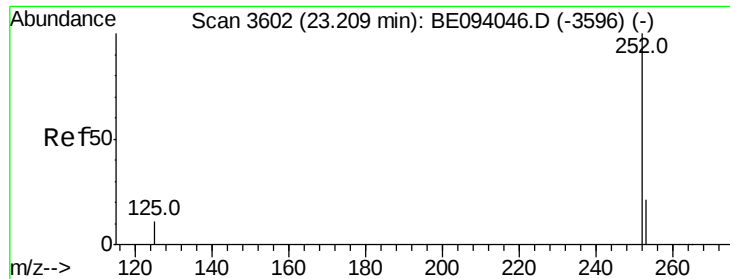


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 3.039 ng/ul

RT: 23.14 min Scan# 3588

Delta R.T. -0.06 min

Lab File: BE094060.D

Acq: 21 Sep 2017 8:34

Instrument :

BNA_E

ClientSampleId :

CB3J2

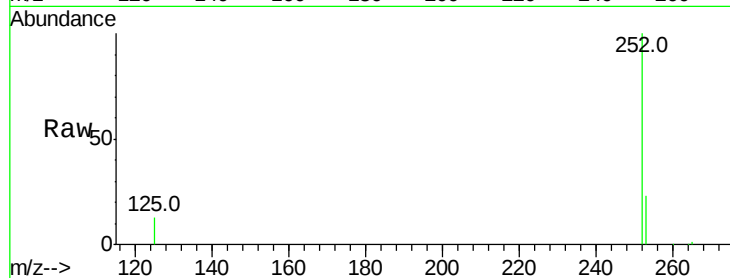
Tot Ion:252 Resp: 130941

Ion Ratio Lower Upper

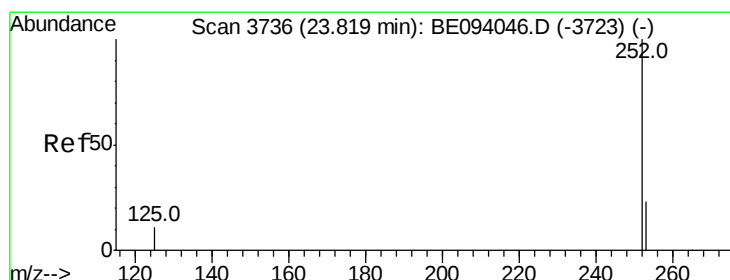
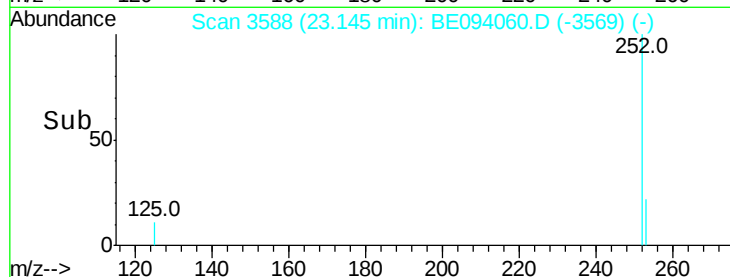
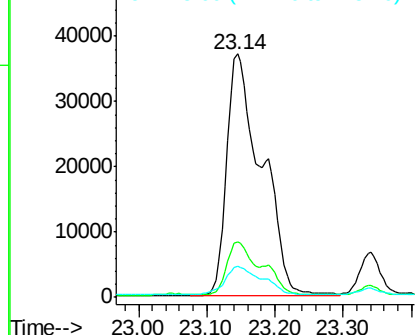
252 100

253 22.9 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: 1.768 ng/ul

RT: 23.80 min Scan# 3732

Delta R.T. -0.02 min

Lab File: BE094060.D

Acq: 21 Sep 2017 8:34

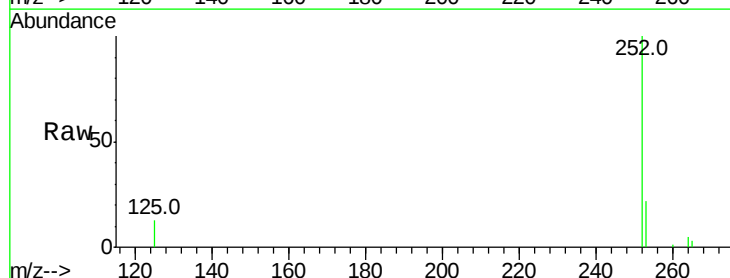
Tgt Ion:252 Resp: 68465

Ion Ratio Lower Upper

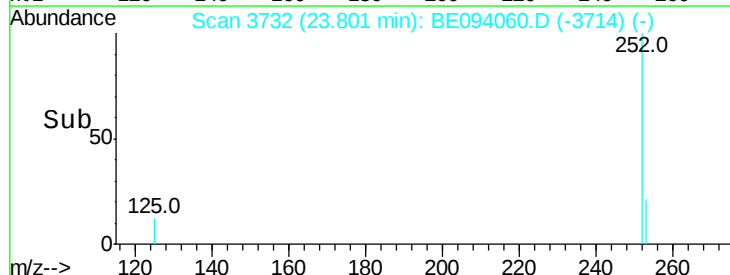
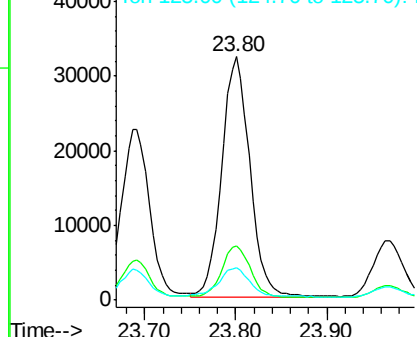
252 100

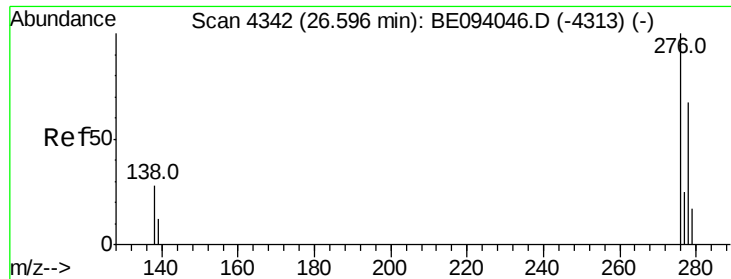
253 22.2 28.5 42.7#

125 13.4 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



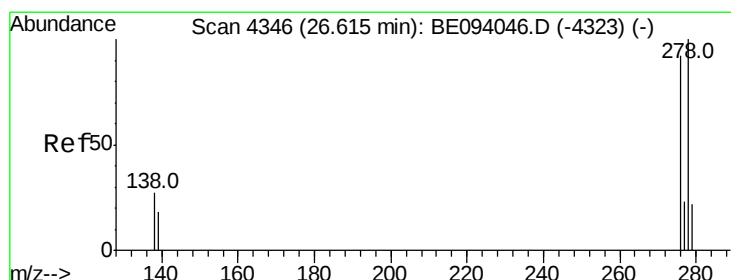
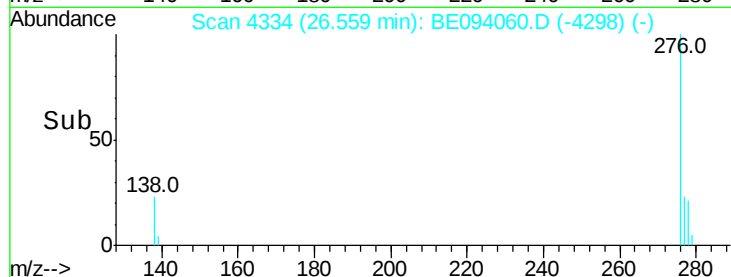
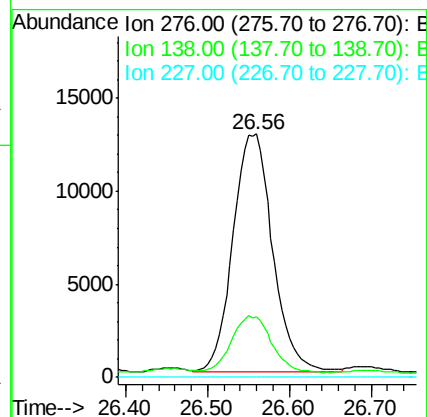
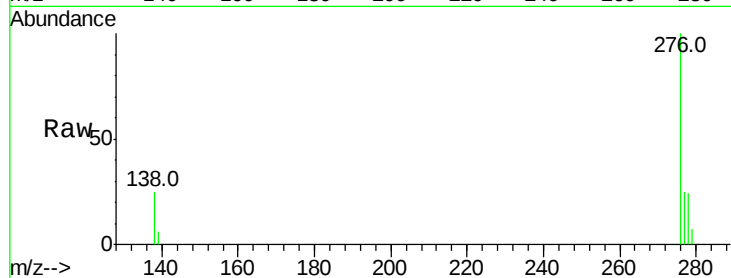


#24

Indeno(1,2,3-cd)pyrene
Concen: 1.091 ng/ul
RT: 26.56 min Scan# 4334
Delta R.T. -0.04 min
Lab File: BE094060.D
Acq: 21 Sep 2017 8:34

Instrument :
BNA_E
ClientSampleId :
CB3J2

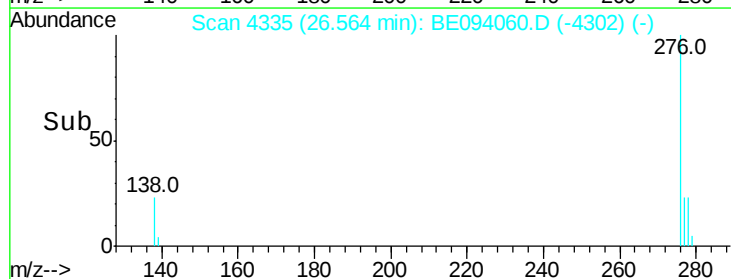
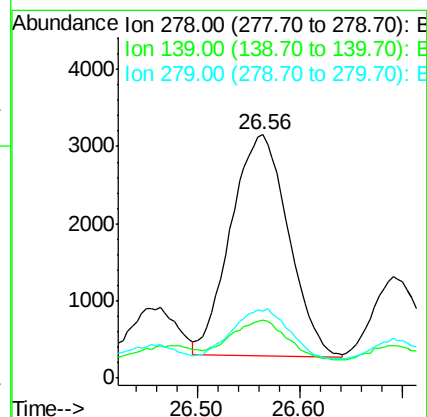
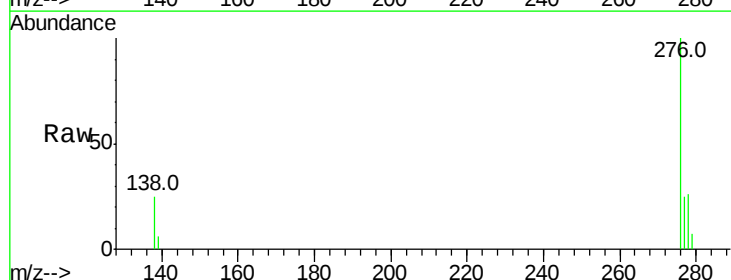
Tot Ion:276 Resp: 43207
Ion Ratio Lower Upper
276 100
138 23.9 28.0 42.0#
227 0.0 8.0 12.0#

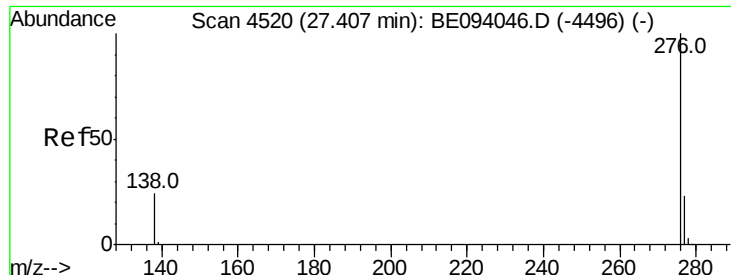


#25

Dibenzo(a,h)anthracene
Concen: 0.337 ng/ul
RT: 26.56 min Scan# 4335
Delta R.T. -0.05 min
Lab File: BE094060.D
Acq: 21 Sep 2017 8:34

Tgt Ion:278 Resp: 11190
Ion Ratio Lower Upper
278 100
139 23.6 17.4 26.0
279 27.6 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 1.290 ng/ul

RT: 27.38 min Scan# 4513

Delta R.T. -0.03 min

Lab File: BE094060.D

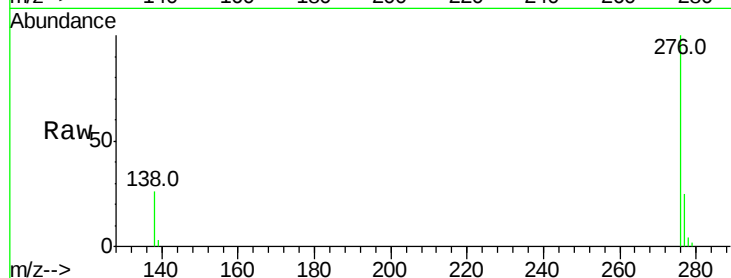
Acq: 21 Sep 2017 8:34

Instrument :

BNA_E

ClientSampleId :

CB3J2



Tot Ion: 276 Resp: 44079

Ion Ratio Lower Upper

276 100

138 26.0 21.8 32.8

277 25.1 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

