

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092017\
 Data File : BE094039.D
 Acq On : 20 Sep 2017 19:32
 Operator : SJ/JU
 Sample : I5283-04 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CB3A9

Quant Time: Sep 21 06:28:20 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 06:26:27 2017
 Response via : Initial Calibration

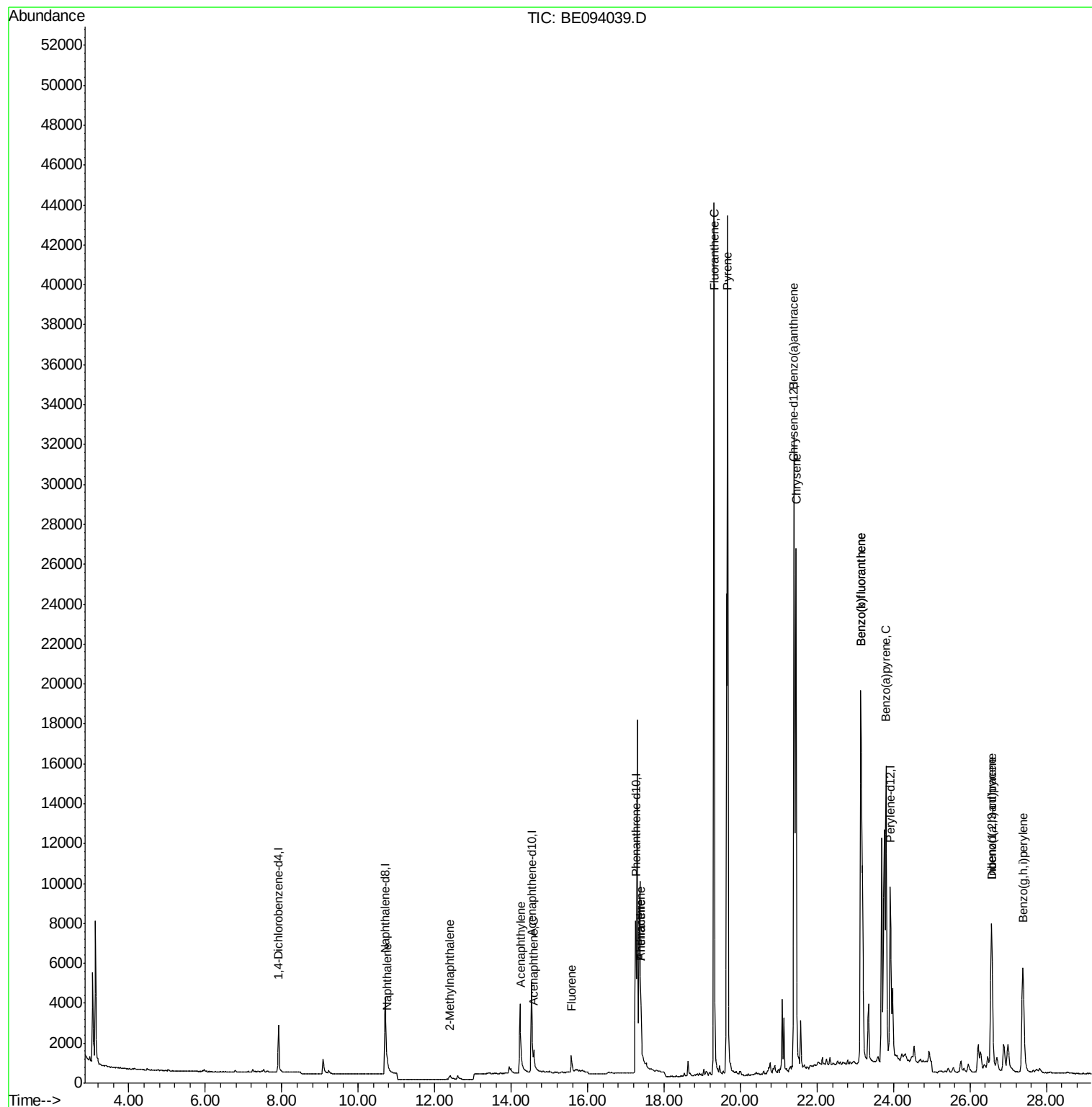
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1356	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	6369	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	3968	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.26	188	11485	0.40	ng/ul	-0.02
16) Chrysene-d12	21.41	240	15276	0.40	ng/ul	-0.02
20) Perylene-d12	23.91	264	13859	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.14	152	5	0.00	ng/ul	-0.18
14) Fluoranthene-d10	19.27	212	268	0.01	ng/ul	-0.02
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	798	0.051	ng/ul#	81
5) 2-Methylnaphthalene	12.39	142	362	0.036	ng/ul	100
7) Acenaphthylene	14.25	152	553	0.036	ng/ul#	67
8) Acenaphthene	14.59	153	768	0.060	ng/ul	96
9) Fluorene	15.57	166	749	0.050	ng/ul#	90
12) Phenanthrene	17.39	178	3538	0.118	ng/ul	95
13) Anthracene	17.39	178	4641	0.159	ng/ul	97
15) Fluoranthene	19.30	202	53259	1.351	ng/ul	84
17) Pyrene	19.66	202	50702	1.193	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	28629	0.706	ng/ul#	86
19) Chrysene	21.45	228	30860	0.659	ng/ul	99
21) Benzo(b)fluoranthene	23.14	252	50020	1.329	ng/ul	85
22) Benzo(k)fluoranthene	23.14	252	50020	1.149	ng/ul#	87
23) Benzo(a)pyrene	23.80	252	23279	0.595	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.56	276	14645	0.366	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.57	278	3868	0.115	ng/ul#	95
26) Benzo(a,h,i)perylene	27.38	276	14251	0.413	ng/ul	98

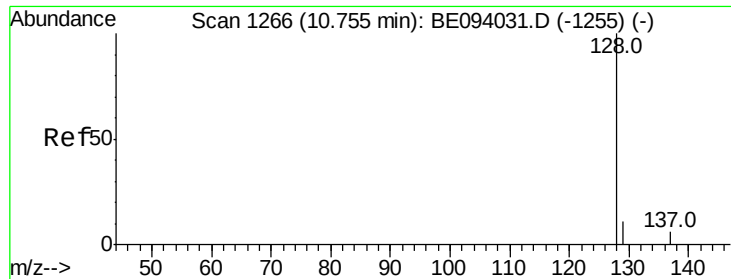
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.051 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE094039.D

Acq: 20 Sep 2017 19:32

Instrument :

BNA_E

ClientSampleId :

CB3A9

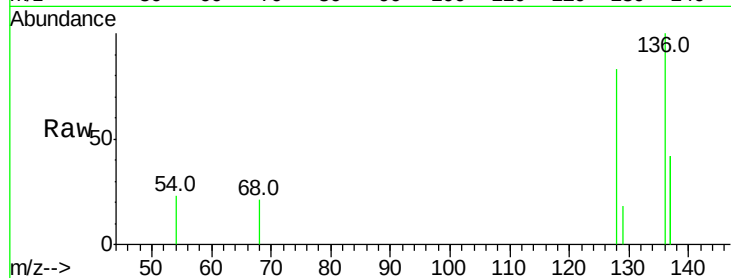
Tot Ion:128 Resp: 798

Ion Ratio Lower Upper

128 100

129 22.2 11.3 16.9#

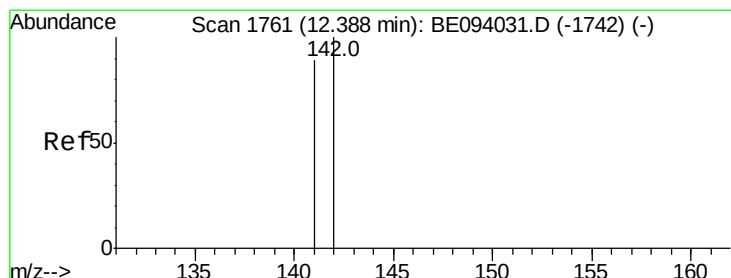
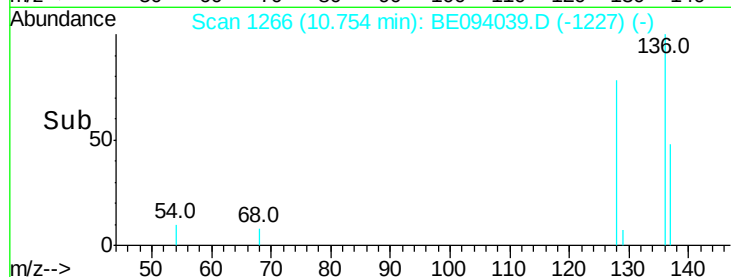
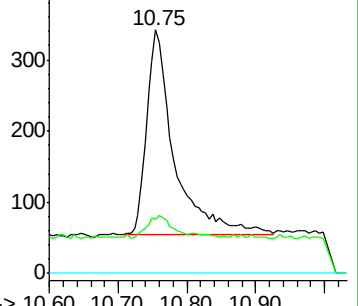
127 0.0 4.0 6.0#



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: 0.036 ng/ul

RT: 12.39 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BE094039.D

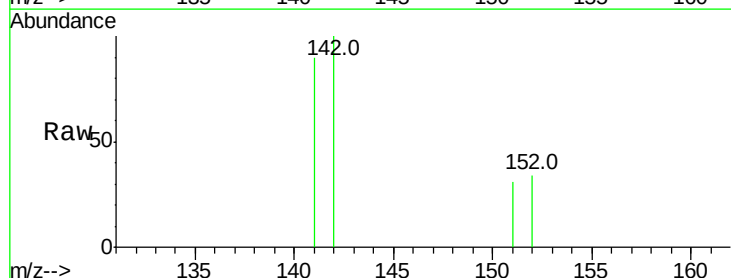
Acq: 20 Sep 2017 19:32

Tgt Ion:142 Resp: 362

Ion Ratio Lower Upper

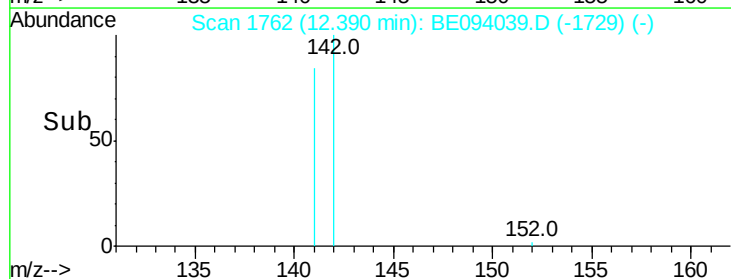
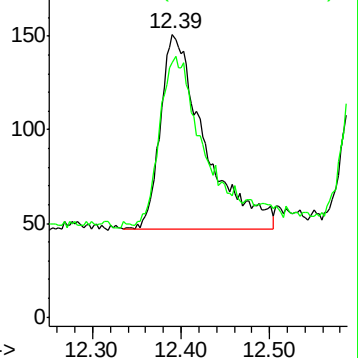
142 100

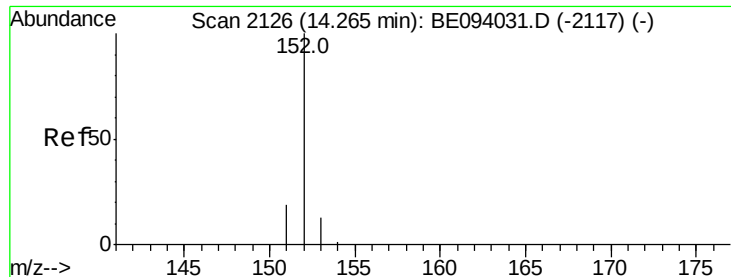
141 90.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.036 ng/ul

RT: 14.25 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BE094039.D

Acq: 20 Sep 2017 19:32

Instrument :

BNA_E

ClientSampleId :

CB3A9

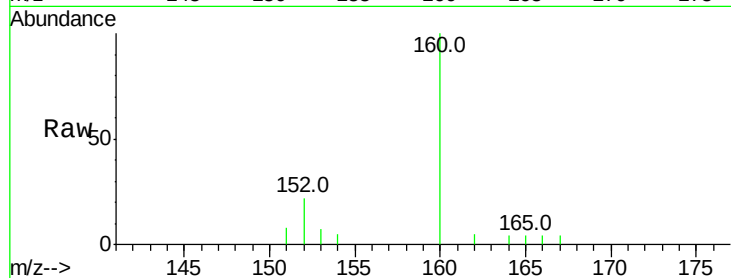
Tot Ion:152 Resp: 553

Ion Ratio Lower Upper

152 100

151 36.8 17.1 25.7#

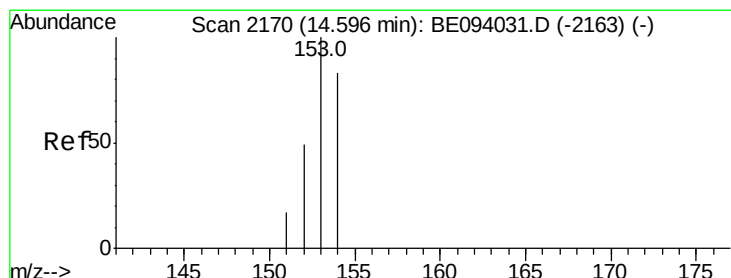
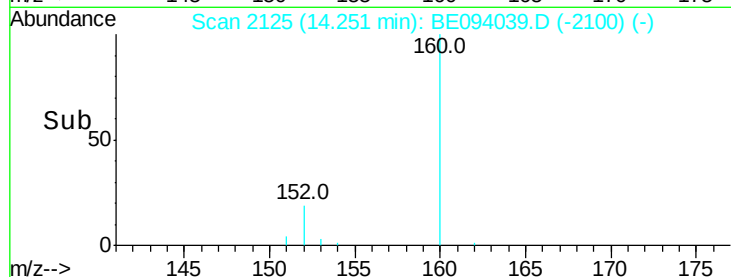
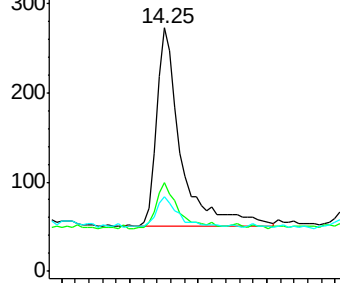
153 30.5 12.8 19.2#



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: 0.060 ng/ul

RT: 14.59 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BE094039.D

Acq: 20 Sep 2017 19:32

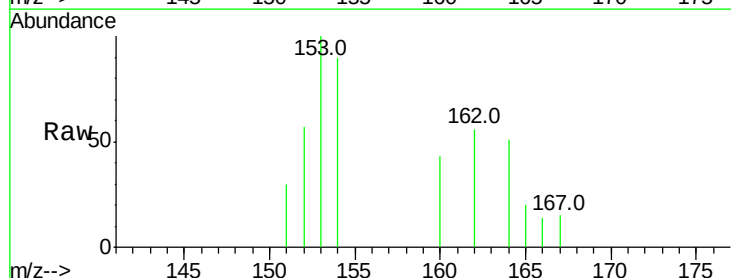
Tgt Ion:153 Resp: 768

Ion Ratio Lower Upper

153 100

152 57.5 40.3 60.5

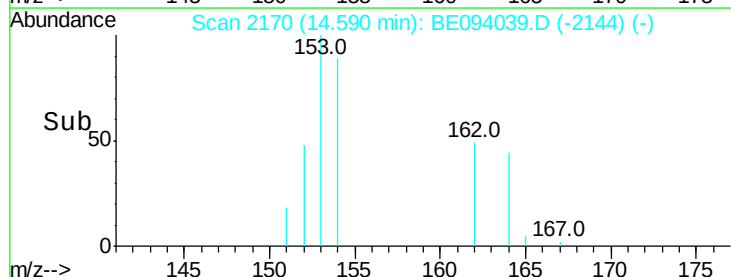
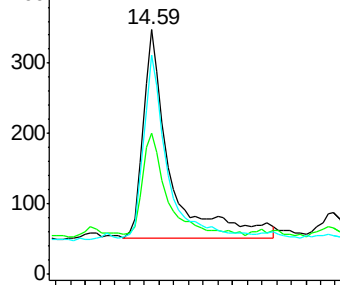
154 89.7 71.4 107.2

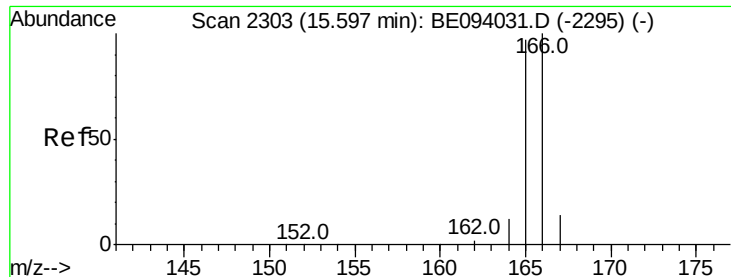


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

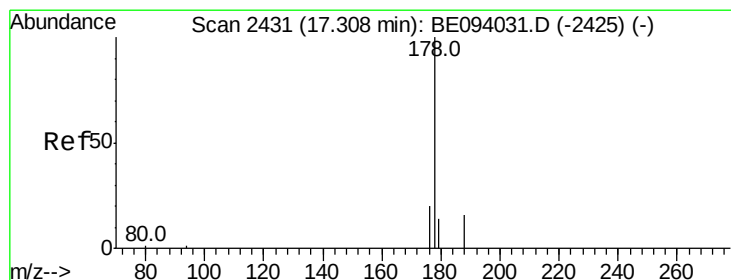
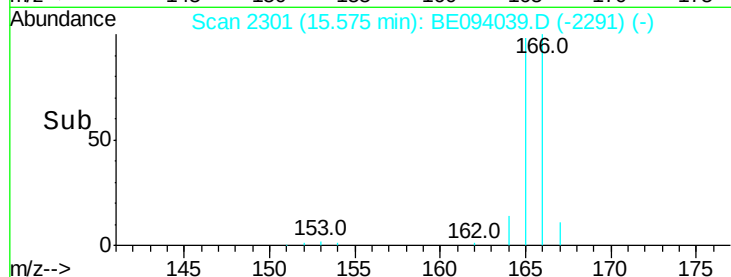
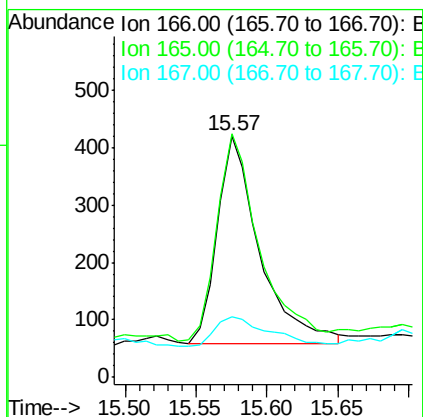
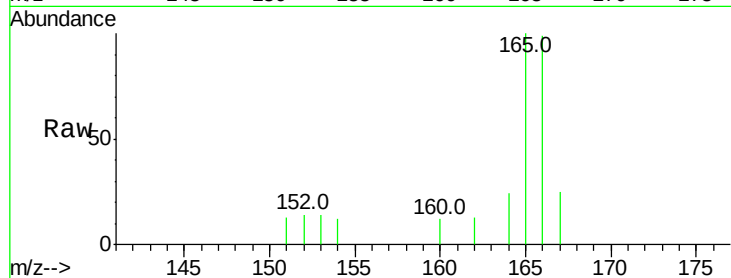




#9
Fluorene
 Concen: 0.050 ng/ul
 RT: 15.57 min Scan# 2301
 Delta R.T. -0.02 min
 Lab File: BE094039.D
 Acq: 20 Sep 2017 19:32

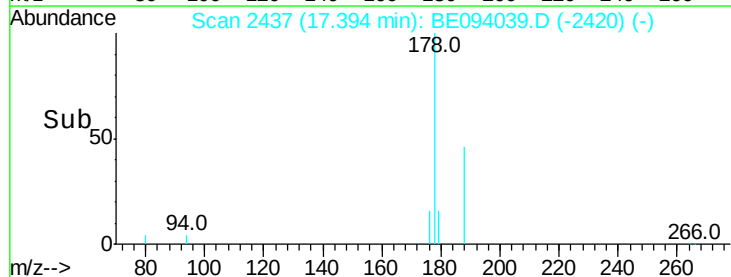
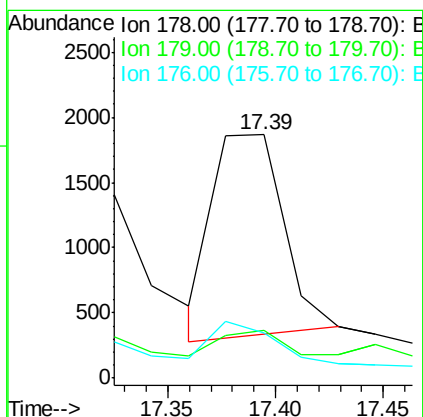
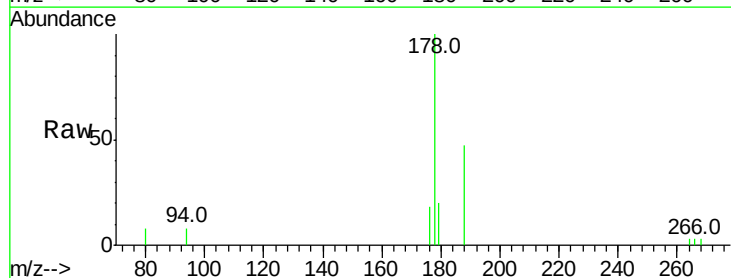
Instrument :
 BNA_E
 ClientSampleId :
 CB3A9

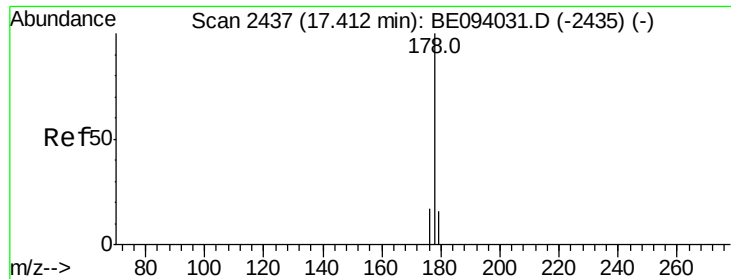
Tot Ion:166 Resp: 749
 Ion Ratio Lower Upper
 166 100
 165 100.7 73.4 110.2
 167 25.2 14.6 22.0#



#12
Phenanthrene
 Concen: 0.118 ng/ul
 RT: 17.39 min Scan# 2437
 Delta R.T. 0.09 min
 Lab File: BE094039.D
 Acq: 20 Sep 2017 19:32

Tgt Ion:178 Resp: 3538
 Ion Ratio Lower Upper
 178 100
 179 19.6 18.4 27.6
 176 18.5 13.6 20.4





#13

Anthracene

Concen: 0.159 ng/ul

RT: 17.39 min Scan# 2437

Delta R.T. -0.02 min

Lab File: BE094039.D

Acq: 20 Sep 2017 19:32

Instrument :

BNA_E

ClientSampleId :

CB3A9

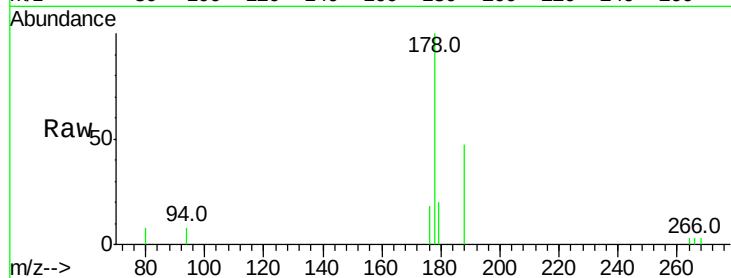
Tot Ion:178 Resp: 4641

Ion Ratio Lower Upper

178 100

179 19.6 18.1 27.1

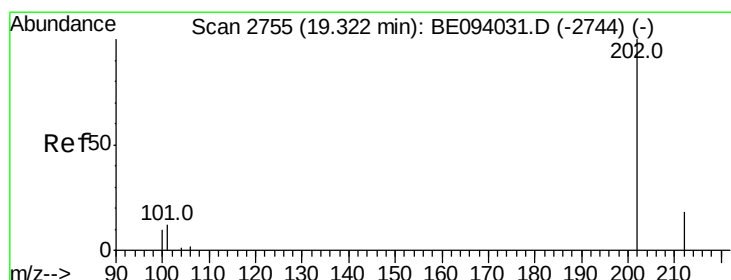
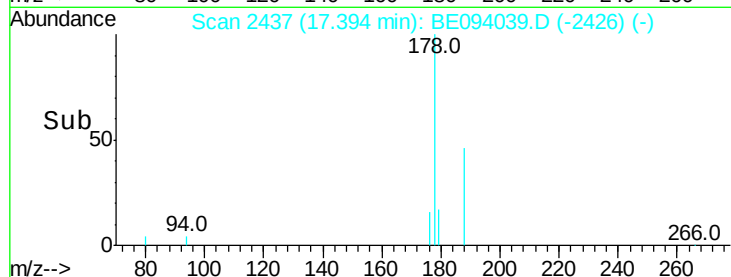
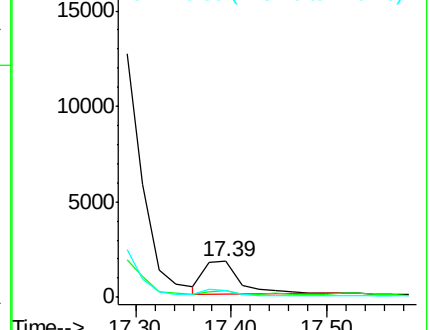
176 18.5 14.7 22.1



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: 1.351 ng/ul

RT: 19.30 min Scan# 2752

Delta R.T. -0.02 min

Lab File: BE094039.D

Acq: 20 Sep 2017 19:32

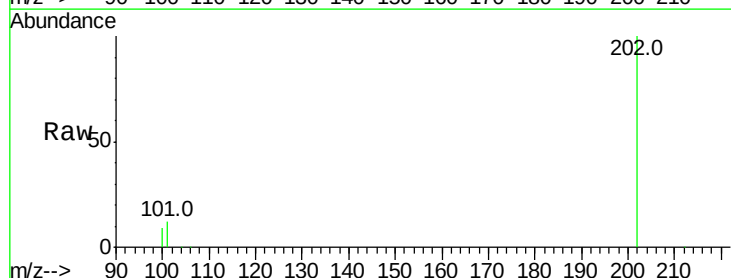
Tgt Ion:202 Resp: 53259

Ion Ratio Lower Upper

202 100

101 11.6 0.0 30.3

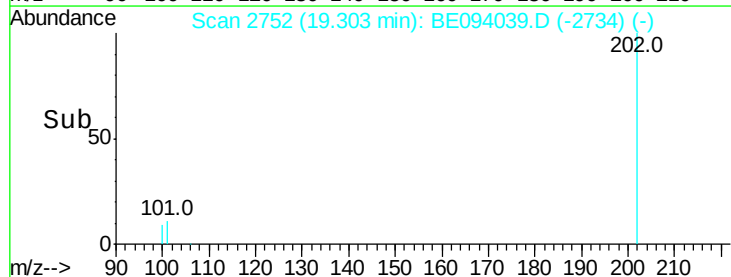
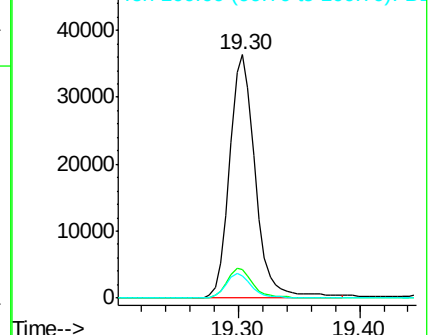
100 9.2 0.0 39.5

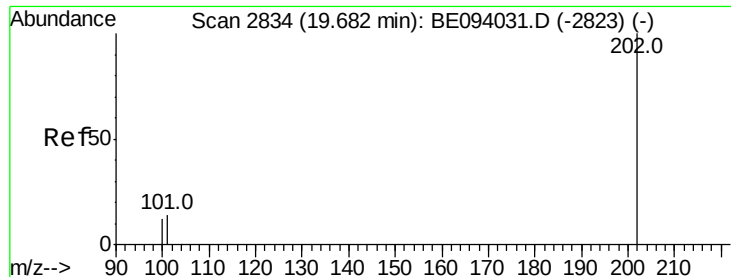


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 1.193 ng/ul

RT: 19.66 min Scan# 2831

Delta R.T. -0.02 min

Lab File: BE094039.D

Acq: 20 Sep 2017 19:32

Instrument :

BNA_E

ClientSampleId :

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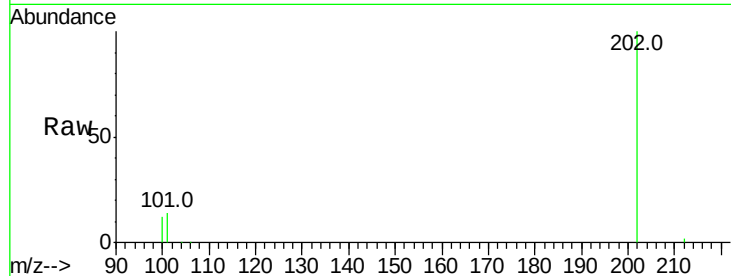
Tot Ion:202 Resp: 50702

Ion Ratio Lower Upper

202 100

101 13.7 18.2 27.4#

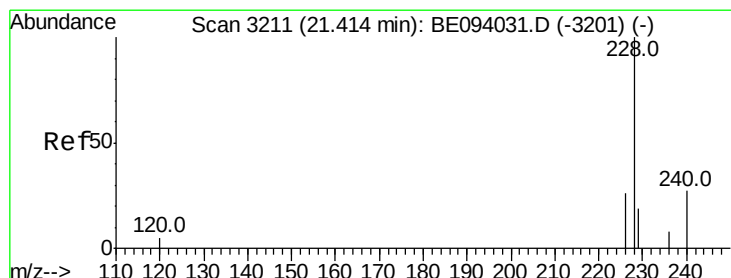
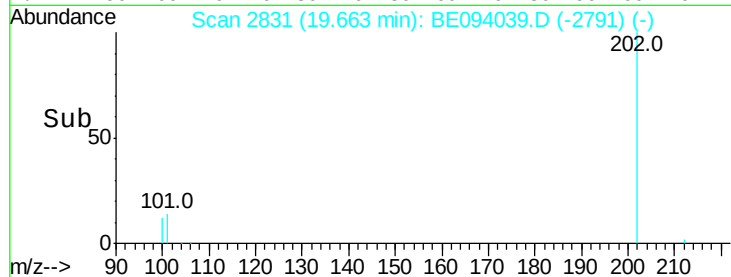
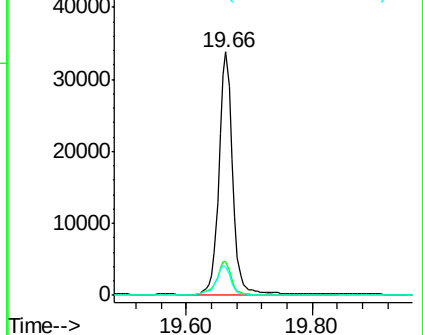
100 11.7 15.6 23.4#



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: 0.706 ng/ul

RT: 21.39 min Scan# 3207

Delta R.T. -0.02 min

Lab File: BE094039.D

Acq: 20 Sep 2017 19:32

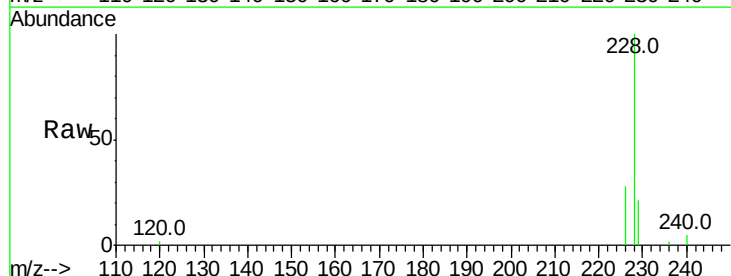
Tgt Ion:228 Resp: 28629

Ion Ratio Lower Upper

228 100

229 20.6 22.8 34.2#

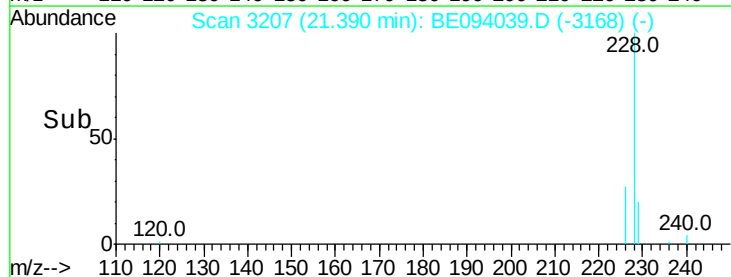
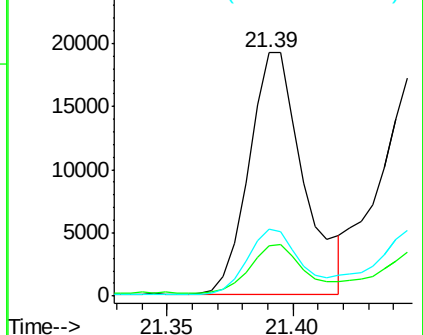
226 27.7 17.0 25.6#

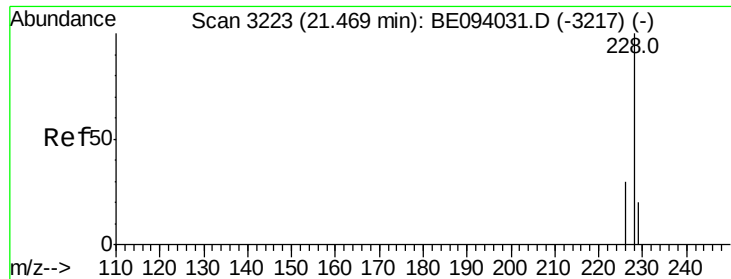


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.659 ng/ul

RT: 21.45 min Scan# 3220

Delta R.T. -0.02 min

Lab File: BE094039.D

Acq: 20 Sep 2017 19:32

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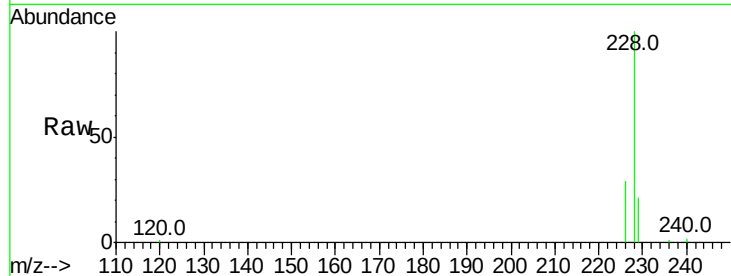
Tot Ion:228 Resp: 30860

Ion Ratio Lower Upper

228 100

226 29.3 23.4 35.0

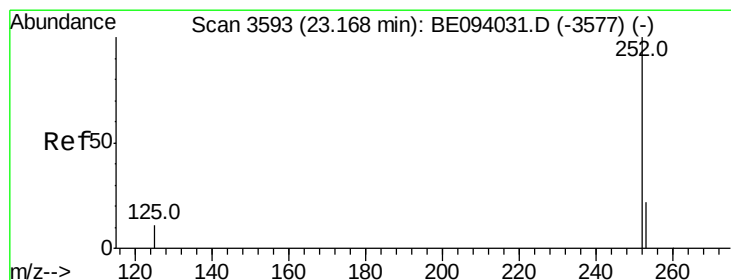
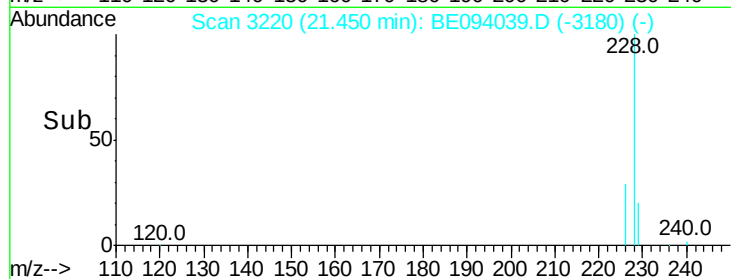
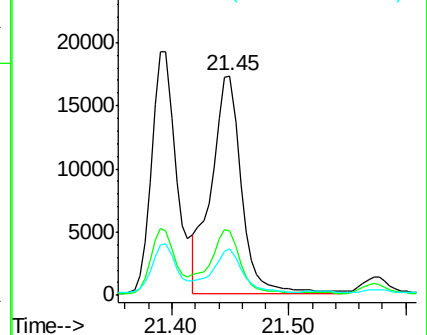
229 21.1 17.7 26.5



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: 1.329 ng/ul

RT: 23.14 min Scan# 3589

Delta R.T. -0.02 min

Lab File: BE094039.D

Acq: 20 Sep 2017 19:32

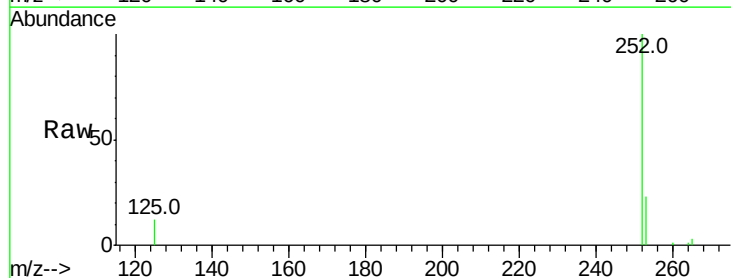
Tgt Ion:252 Resp: 50020

Ion Ratio Lower Upper

252 100

253 22.6 0.0 64.2

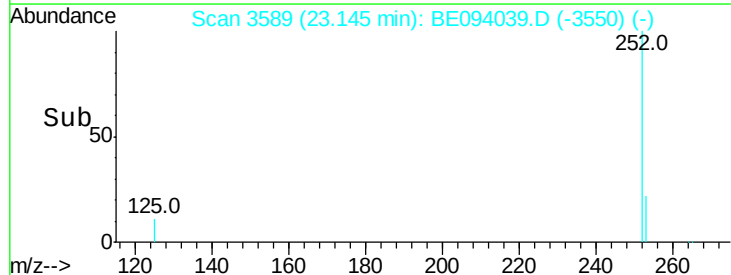
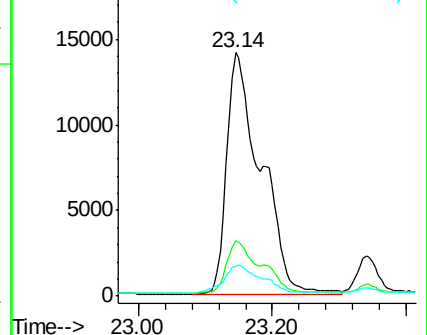
125 12.2 0.0 35.0

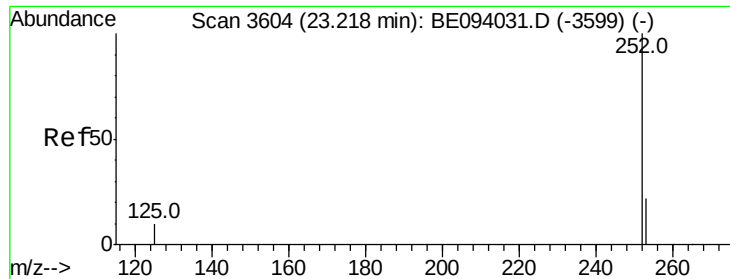


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 1.149 ng/ul

RT: 23.14 min Scan# 3589

Delta R.T. -0.07 min

Lab File: BE094039.D

Acq: 20 Sep 2017 19:32

Instrument :

BNA_E

ClientSampleId :

CB3A9

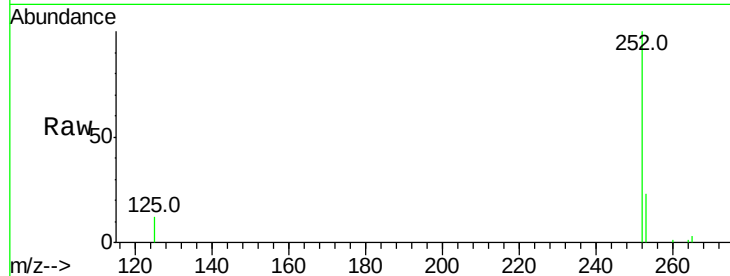
Tot Ion:252 Resp: 50020

Ion Ratio Lower Upper

252 100

253 22.6 24.5 36.7#

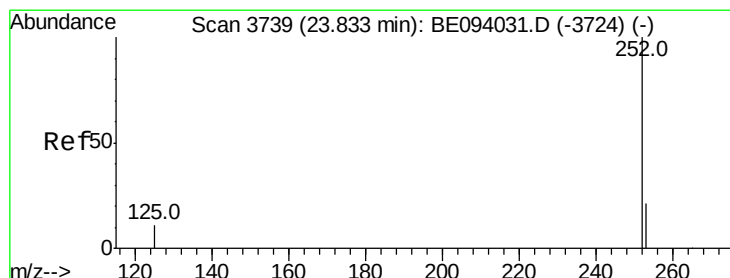
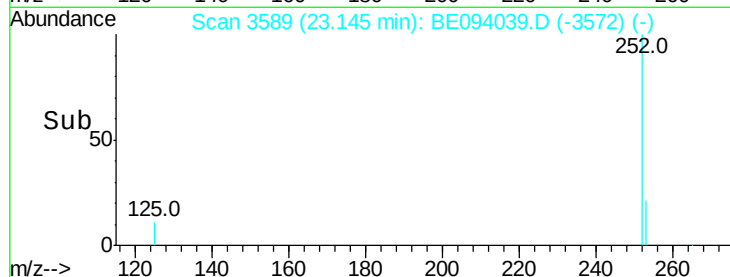
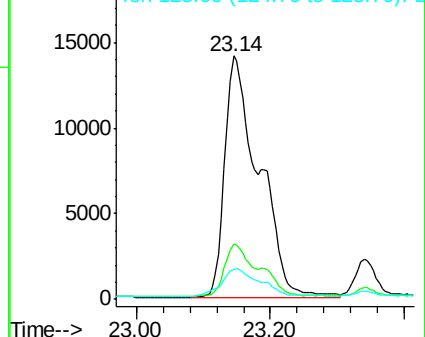
125 12.2 13.7 20.5#



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: 0.595 ng/ul

RT: 23.80 min Scan# 3733

Delta R.T. -0.03 min

Lab File: BE094039.D

Acq: 20 Sep 2017 19:32

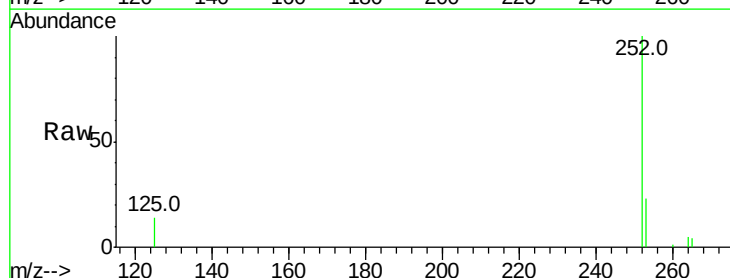
Tgt Ion:252 Resp: 23279

Ion Ratio Lower Upper

252 100

253 22.9 28.5 42.7#

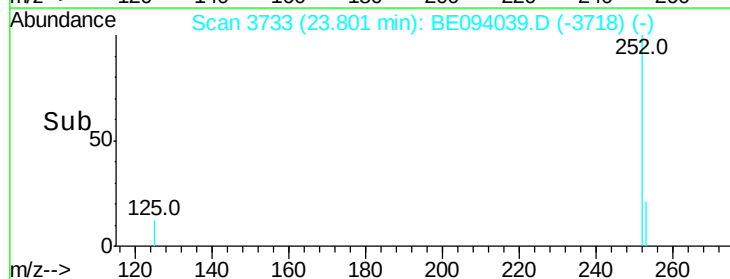
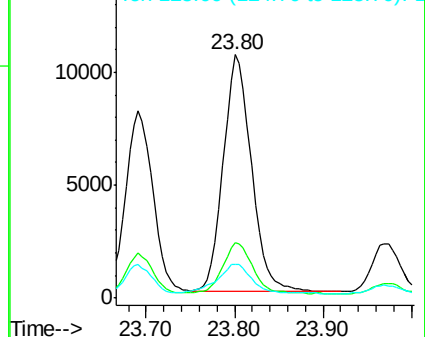
125 14.1 18.1 27.1#

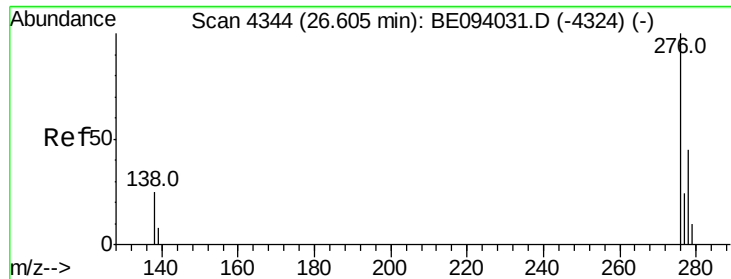


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



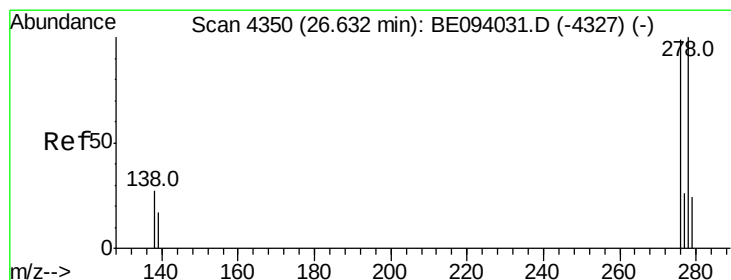
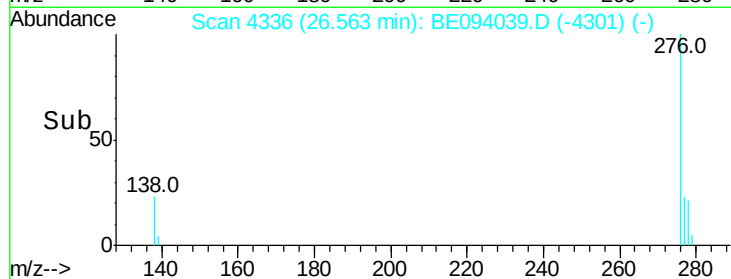
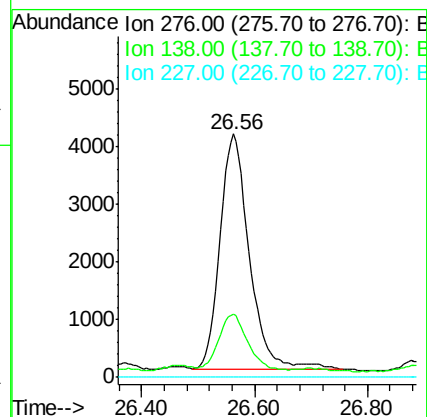
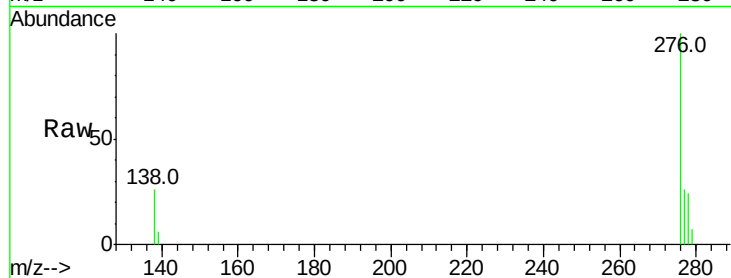


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.366 ng/ul
RT: 26.56 min Scan# 4336
Delta R.T. -0.04 min
Lab File: BE094039.D
Acq: 20 Sep 2017 19:32

Instrument :
BNA_E
ClientSampleId :
CB3A9

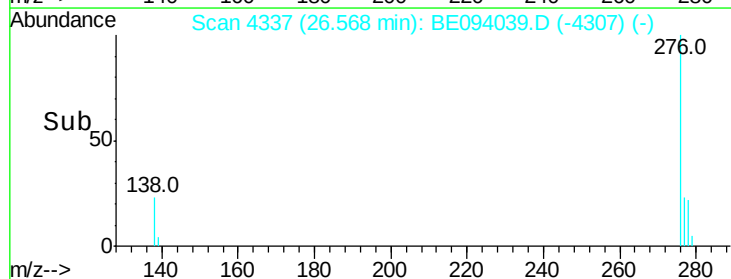
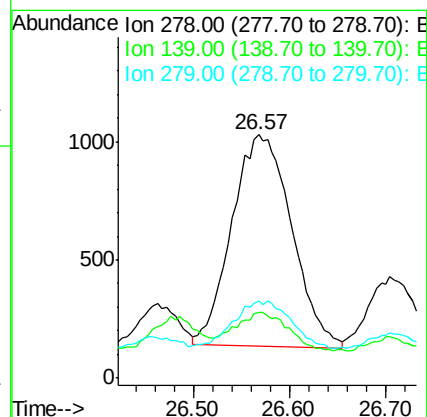
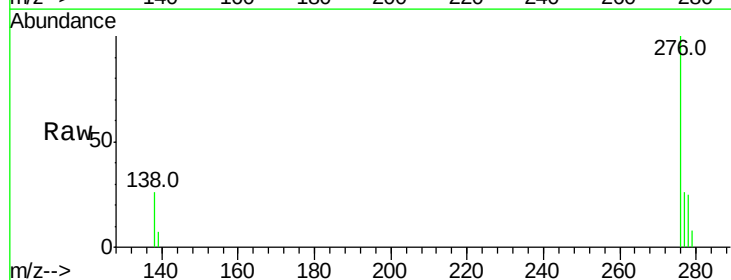
Tot Ion:276 Resp: 14645
Ion Ratio Lower Upper
276 100
138 23.7 28.0 42.0#
227 0.0 8.0 12.0#

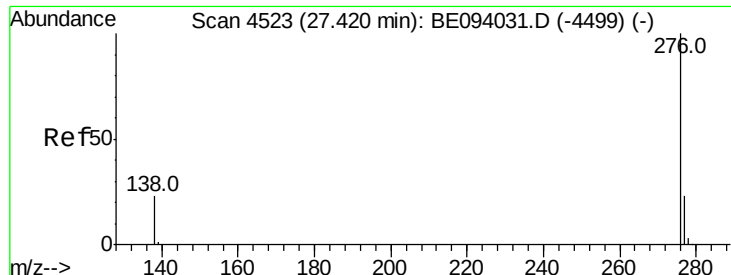


#25

Dibenzo(a,h)anthracene
Concen: 0.115 ng/ul
RT: 26.57 min Scan# 4337
Delta R.T. -0.06 min
Lab File: BE094039.D
Acq: 20 Sep 2017 19:32

Tgt Ion:278 Resp: 3868
Ion Ratio Lower Upper
278 100
139 26.8 17.4 26.0#
279 31.7 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 0.413 ng/ul

RT: 27.38 min Scan# 4516

Delta R.T. -0.04 min

Lab File: BE094039.D

Acq: 20 Sep 2017 19:32

Instrument :

BNA_E

ClientSampleId :

CB3A9

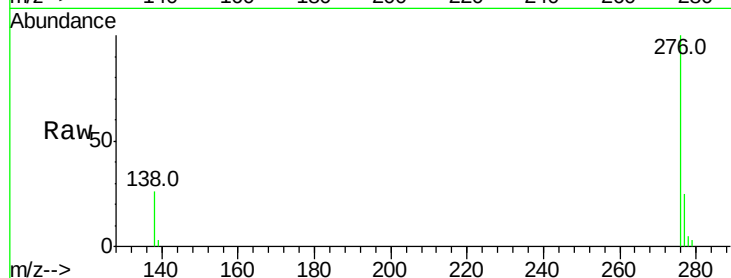
Tot Ion:276 Resp: 14251

Ion Ratio Lower Upper

276 100

138 26.2 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

