

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094404.D
 Acq On : 15 Oct 2017 21:50
 Operator : SJ/JU
 Sample : I5548-17
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 16 07:54:19 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 07:45:00 2017
 Response via : Initial Calibration

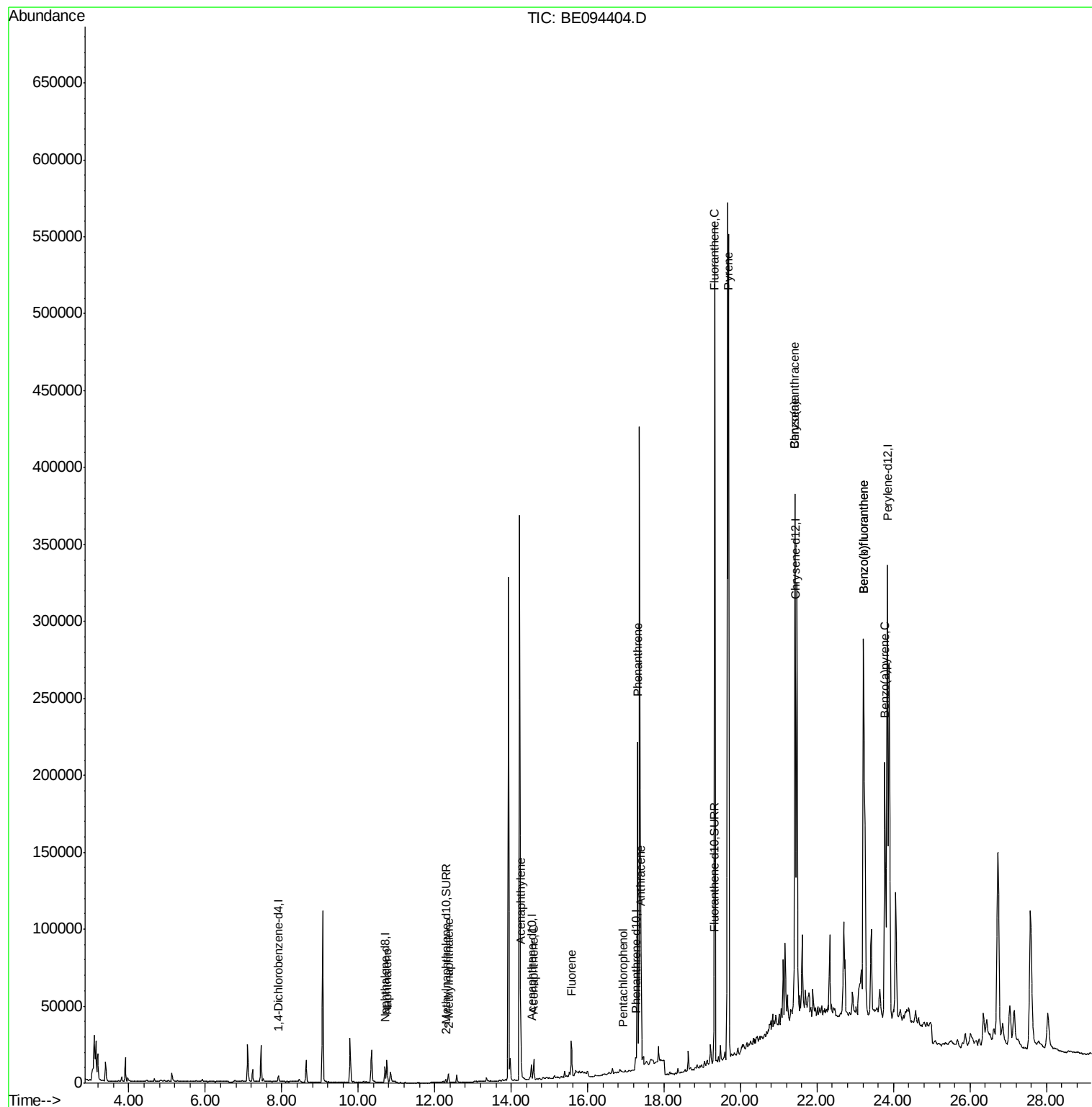
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2073	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	10414	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	6261	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11891	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	10687	0.40	ng/ul	0.02
20) Perylene-d12	23.84	264	467093	0.40	ng/ul	-0.11
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	3221	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	7272	0.18	ng/ul	0.01
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	22873	0.897	ng/ul#	91
5) 2-Methylnaphthalene	12.36	142	5316	0.321	ng/ul	99
7) Acenaphthylene	14.25	152	35841	1.468	ng/ul	98
8) Acenaphthene	14.59	153	8226	0.409	ng/ul	97
9) Fluorene	15.58	166	15623	0.664	ng/ul	91
11) Pentachlorophenol	16.93	266	60	0.043	ng/ul#	20
12) Phenanthrene	17.31	178	260207	8.374	ng/ul#	94
13) Anthracene	17.39	178	86380	2.858	ng/ul#	93
15) Fluoranthene	19.32	202	618220	15.142	ng/ul	84
17) Pyrene	19.69	202	576917	19.402	ng/ul#	83
18) Benzo(a)anthracene	21.42	228	329711	11.629	ng/ul#	89
19) Chrysene	21.42	228	329711	10.070	ng/ul	96
21) Benzo(b)fluoranthene	23.22	252	450494	0.355	ng/ul	94
22) Benzo(k)fluoranthene	23.22	252	450494	0.307	ng/ul	95
23) Benzo(a)pyrene	23.77	252	276534	0.210	ng/ul	92

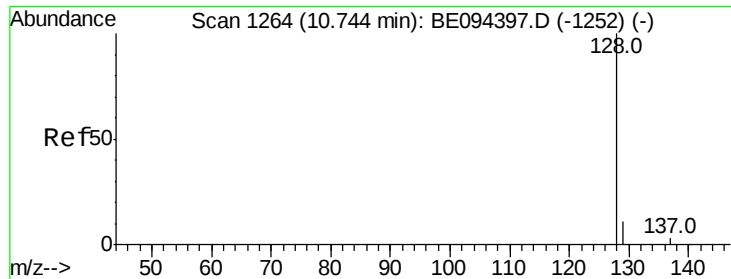
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 16 07:45:00 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.897 ng/ul

RT: 10.75 min Scan# 1265

Delta R.T. 0.01 min

Lab File: BE094404.D

Acq: 15 Oct 2017 21:50

Instrument :

BNA_E

ClientSampleId :

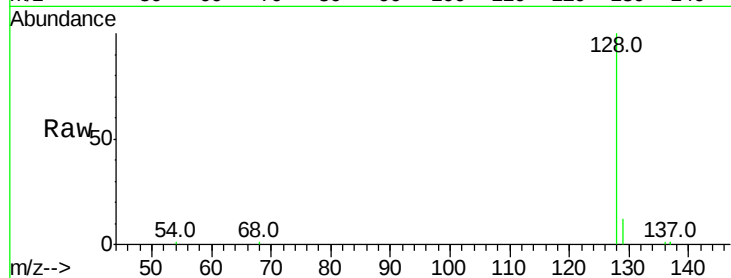
Tot Ion:128 Resp: 22873

Ion Ratio Lower Upper

128 100

129 11.5 11.3 16.9

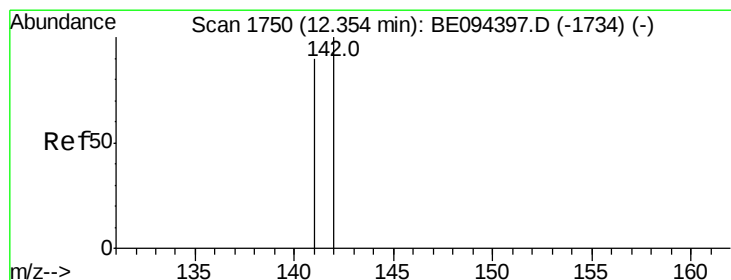
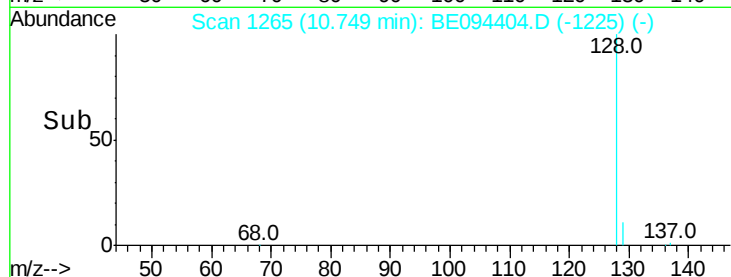
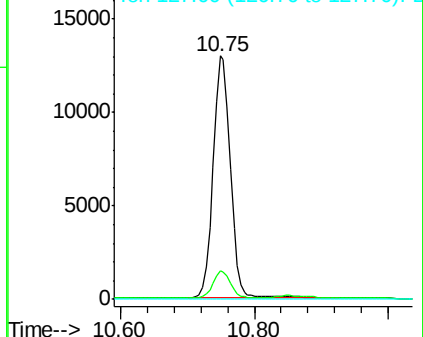
127 0.0 4.0 6.0#



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: 0.321 ng/ul

RT: 12.36 min Scan# 1752

Delta R.T. 0.01 min

Lab File: BE094404.D

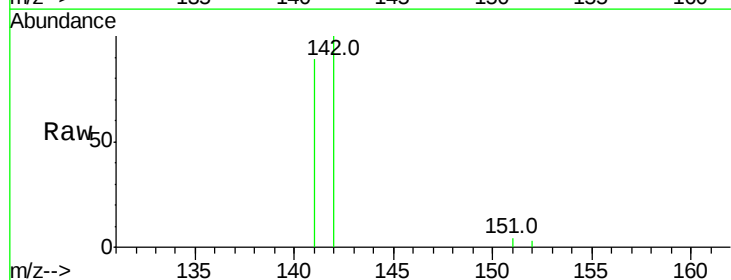
Acq: 15 Oct 2017 21:50

Tgt Ion:142 Resp: 5316

Ion Ratio Lower Upper

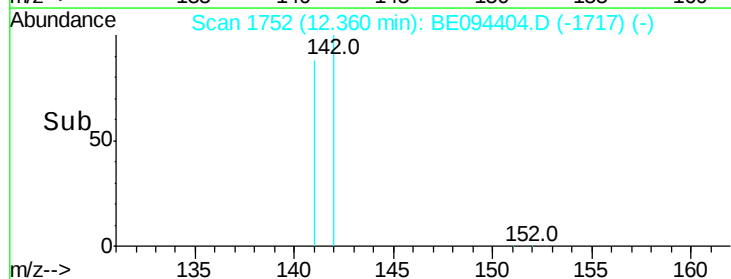
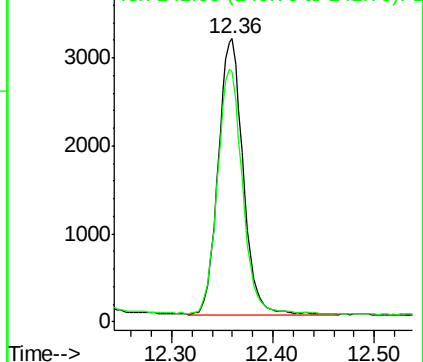
142 100

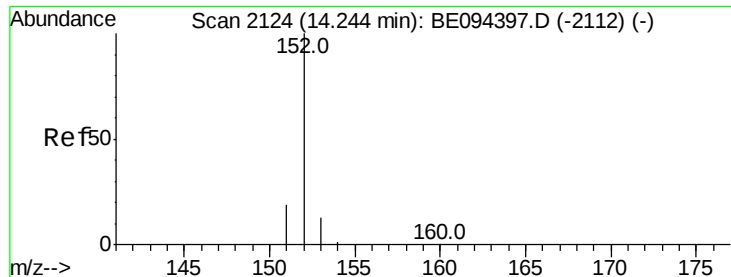
141 90.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.468 ng/ul

RT: 14.25 min Scan# 2125

Delta R.T. 0.01 min

Lab File: BE094404.D

Acq: 15 Oct 2017 21:50

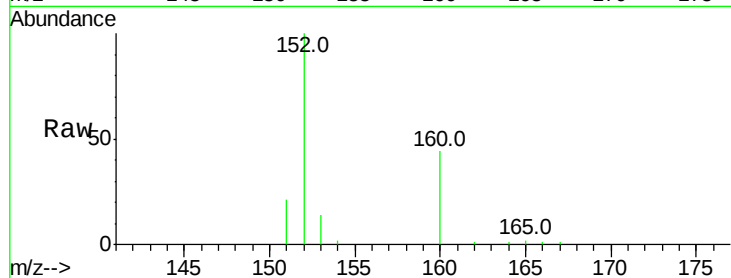
Instrument :

BNA_E

ClientSampleId :

Tot Ion:152 Resp: 35841

Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.1	25.7
153	14.2	12.8	19.2

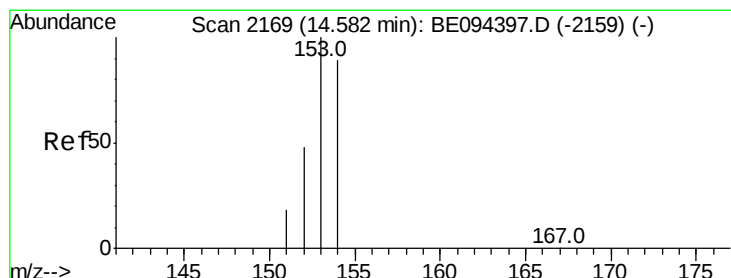
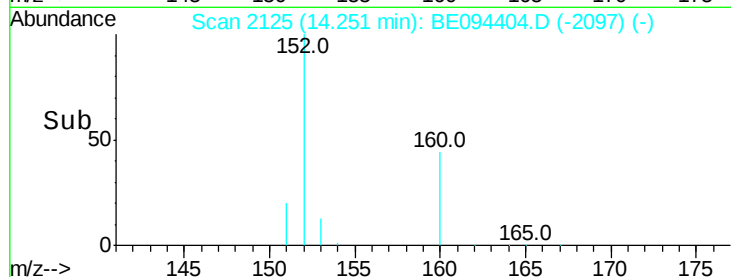
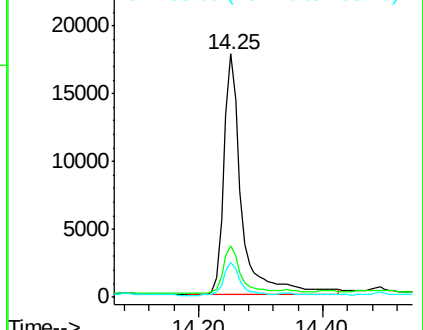


Abundance

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: 0.409 ng/ul

RT: 14.59 min Scan# 2170

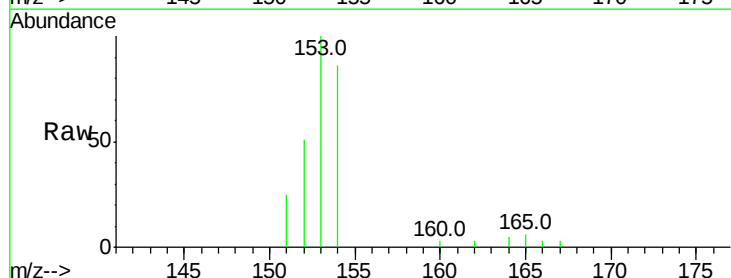
Delta R.T. 0.01 min

Lab File: BE094404.D

Acq: 15 Oct 2017 21:50

Tgt Ion:153 Resp: 8226

Ion	Ratio	Lower	Upper
153	100		
152	51.5	40.3	60.5
154	86.4	71.4	107.2

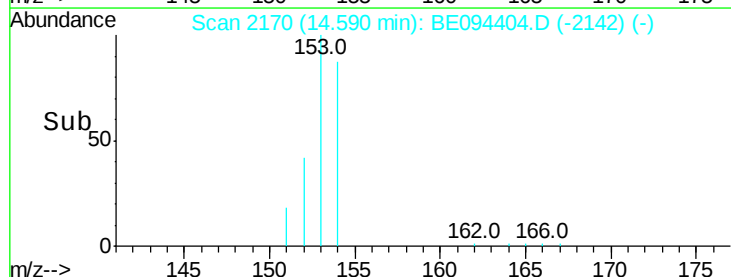
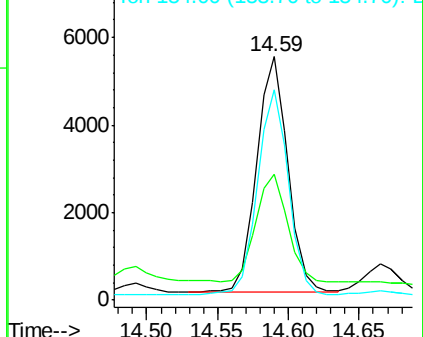


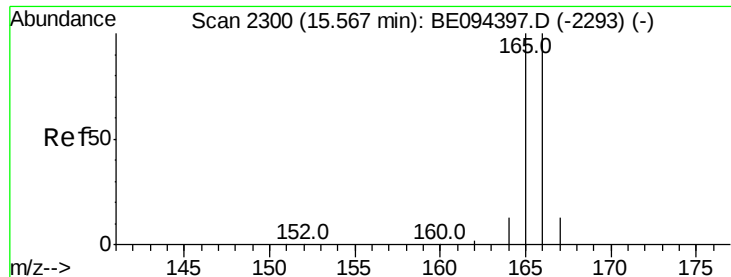
Abundance

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: 0.664 ng/ul

RT: 15.58 min Scan# 2301

Delta R.T. 0.01 min

Lab File: BE094404.D

Acq: 15 Oct 2017 21:50

Instrument :

BNA_E

ClientSampleId :

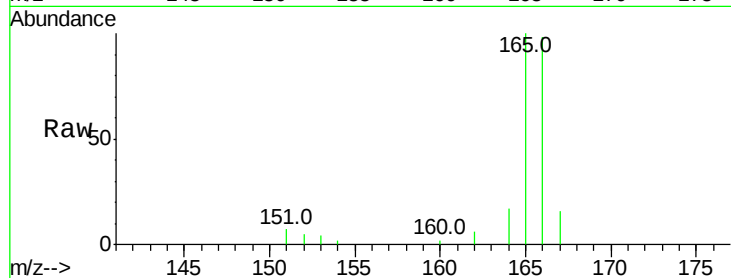
Tot Ion:166 Resp: 15623

Ion Ratio Lower Upper

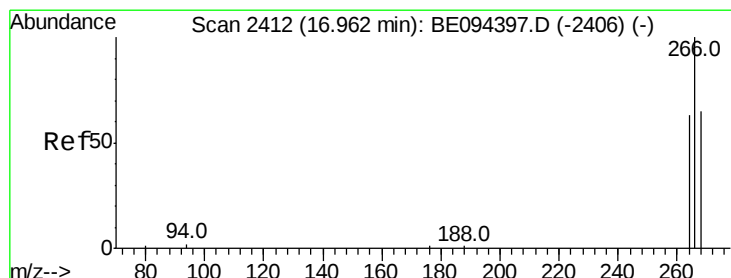
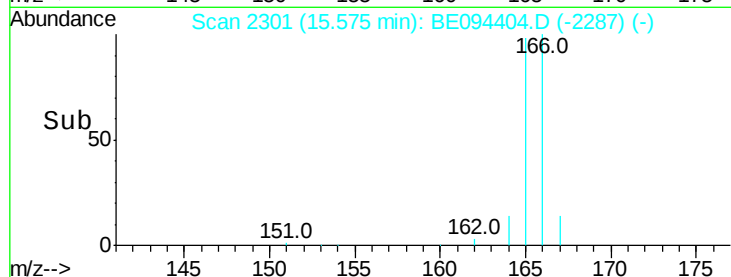
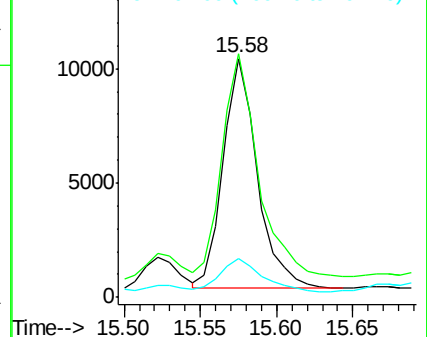
166 100

165 101.9 73.4 110.2

167 16.5 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



#11

Pentachlorophenol

Concen: 0.043 ng/ul

RT: 16.93 min Scan# 2410

Delta R.T. -0.04 min

Lab File: BE094404.D

Acq: 15 Oct 2017 21:50

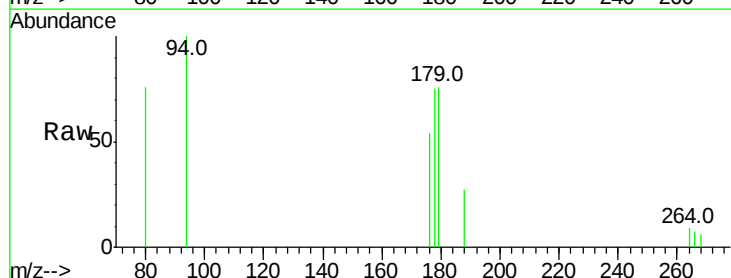
Tgt Ion:266 Resp: 60

Ion Ratio Lower Upper

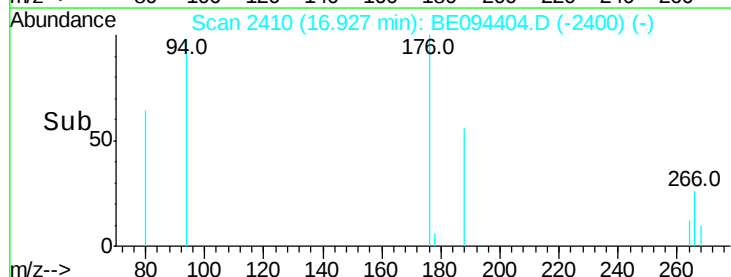
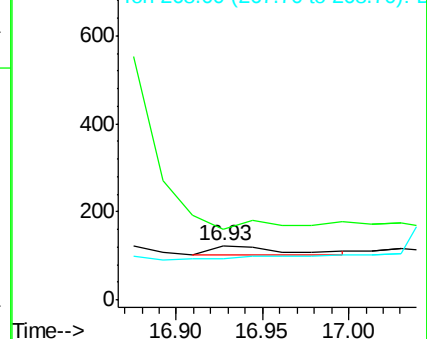
266 100

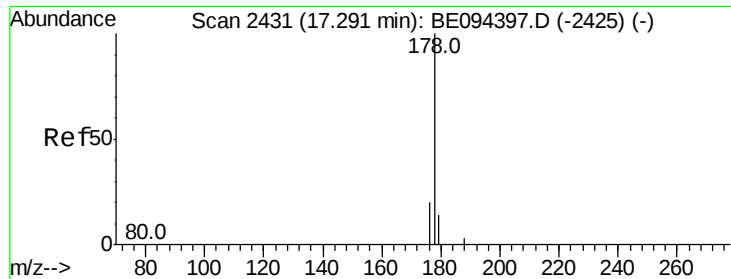
264 0.0 47.9 71.9#

268 0.0 49.8 74.8#



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 8.374 ng/ul

RT: 17.31 min Scan# 2432

Delta R.T. 0.02 min

Lab File: BE094404.D

Acq: 15 Oct 2017 21:50

Instrument :

BNA_E

ClientSampleId :

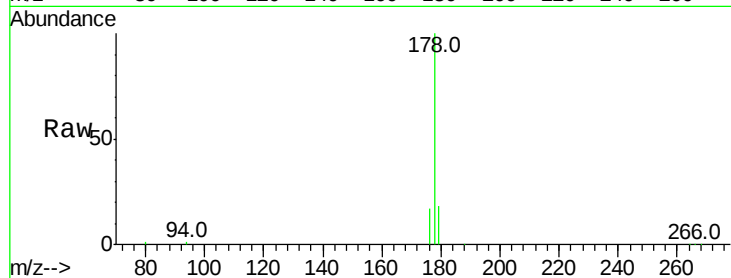
Tot Ion:178 Resp: 260207

Ion Ratio Lower Upper

178 100

179 17.9 18.4 27.6#

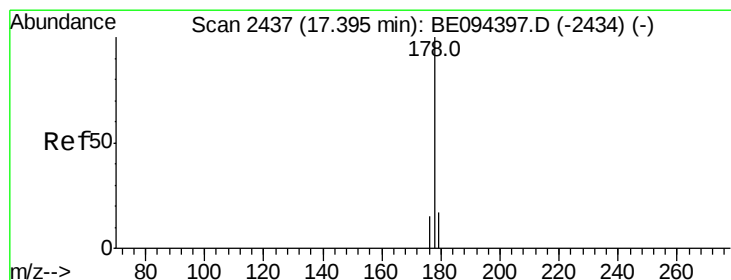
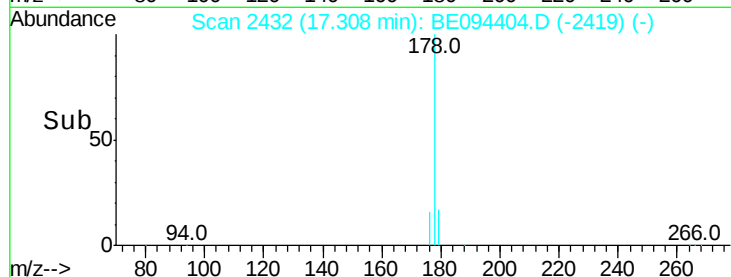
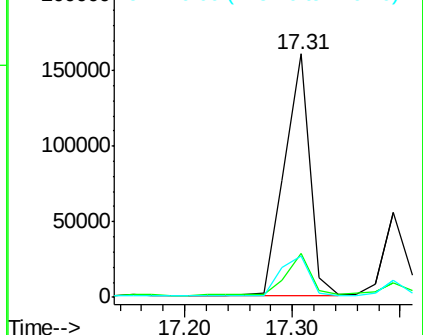
176 16.9 13.6 20.4



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



#13

Anthracene

Concen: 2.858 ng/ul

RT: 17.39 min Scan# 2437

Delta R.T. -0.00 min

Lab File: BE094404.D

Acq: 15 Oct 2017 21:50

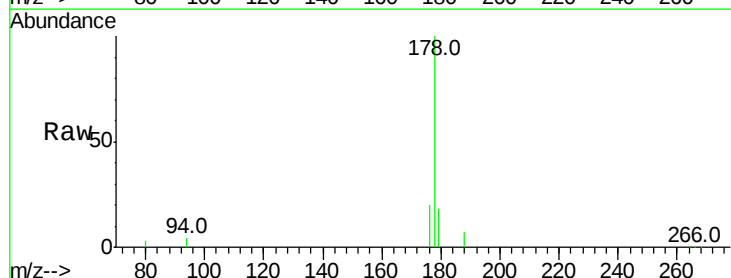
Tgt Ion:178 Resp: 86380

Ion Ratio Lower Upper

178 100

179 17.6 18.1 27.1#

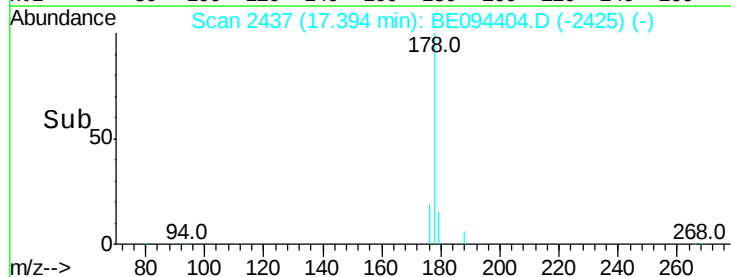
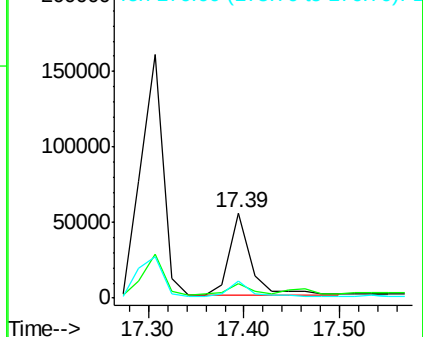
176 19.9 14.7 22.1

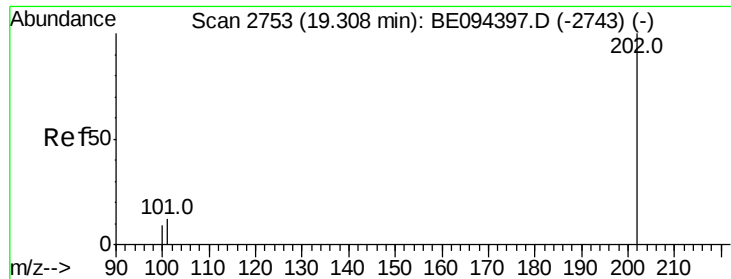


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 15.142 ng/ul

RT: 19.32 min Scan# 2756

Delta R.T. 0.01 min

Lab File: BE094404.D

Acq: 15 Oct 2017 21:50

Instrument :

BNA_E

ClientSampleId :

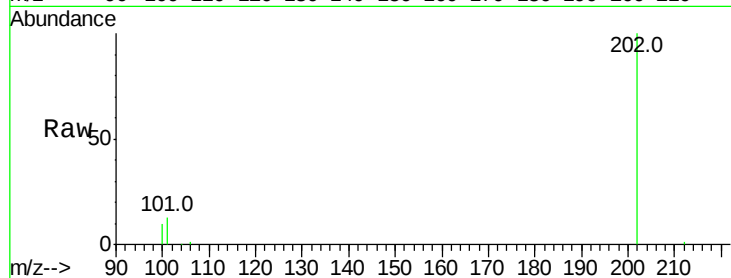
Tot Ion:202 Resp: 618220

Ion Ratio Lower Upper

202 100

101 12.5 0.0 30.3

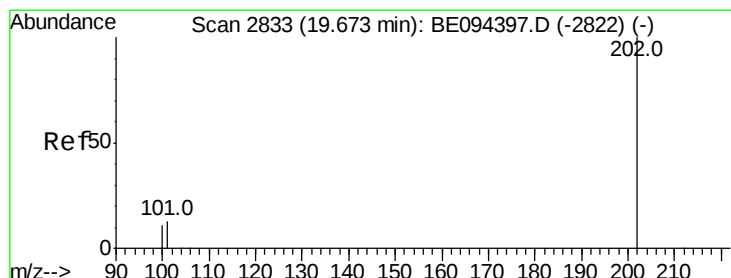
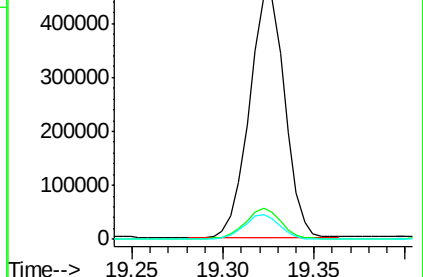
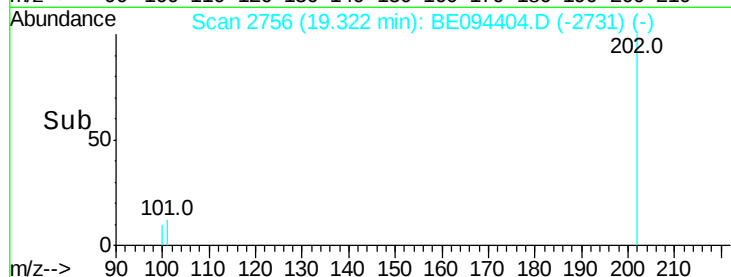
100 10.0 0.0 39.5



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: 19.402 ng/ul

RT: 19.69 min Scan# 2836

Delta R.T. 0.01 min

Lab File: BE094404.D

Acq: 15 Oct 2017 21:50

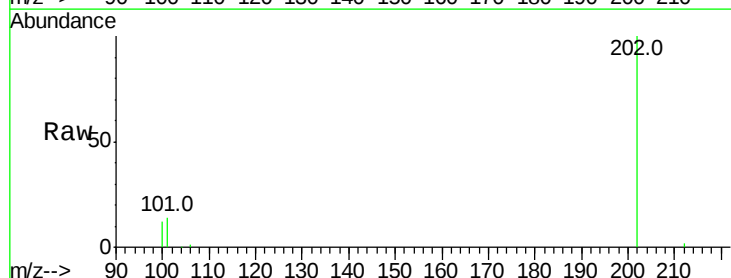
Tgt Ion:202 Resp: 576917

Ion Ratio Lower Upper

202 100

101 14.1 18.2 27.4#

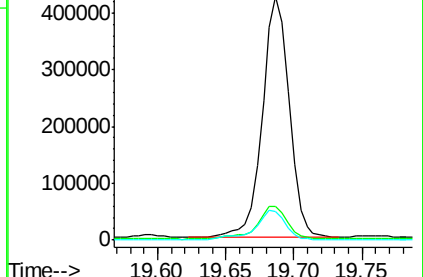
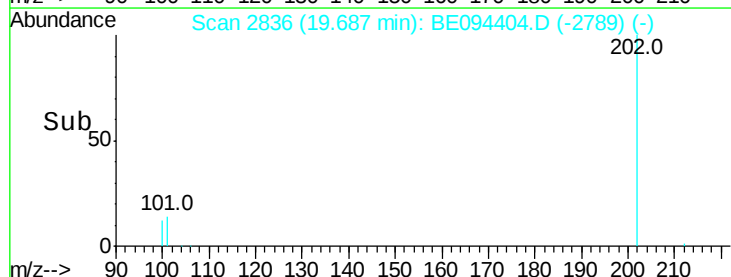
100 11.9 15.6 23.4#

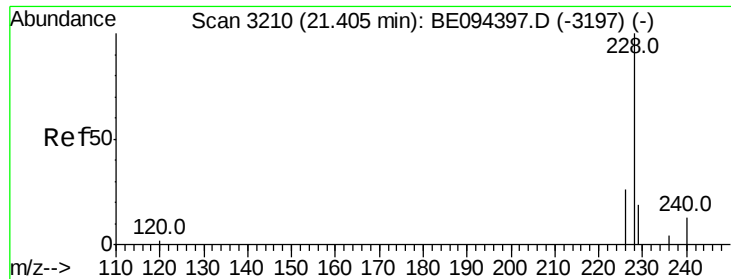


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 11.629 ng/ul

RT: 21.42 min Scan# 3214

Delta R.T. 0.02 min

Lab File: BE094404.D

Acq: 15 Oct 2017 21:50

Instrument :

BNA_E

ClientSampleId :

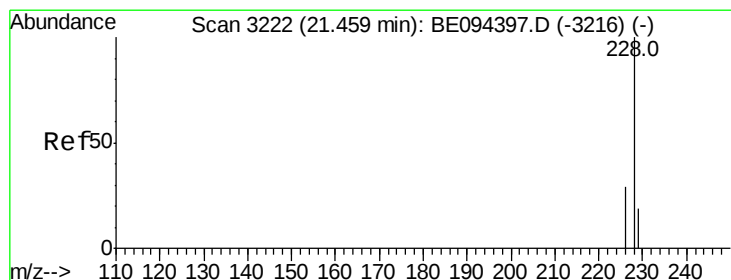
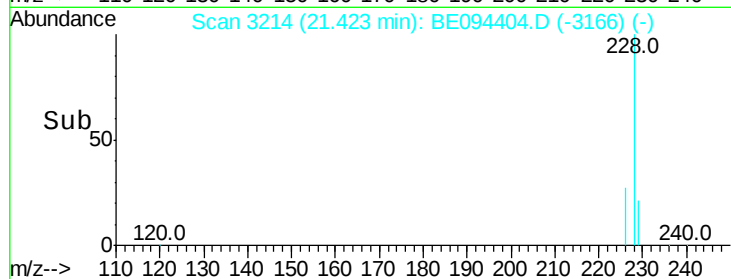
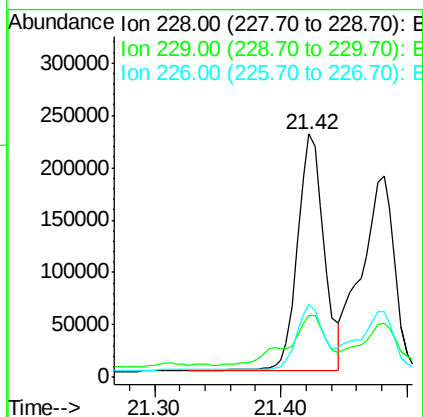
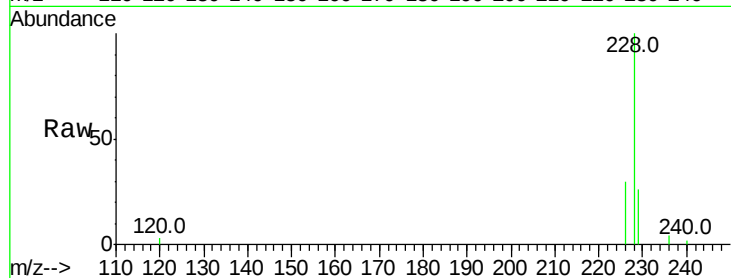
Tot Ion:228 Resp: 329711

Ion Ratio Lower Upper

228 100

229 25.7 22.8 34.2

226 29.9 17.0 25.6#



#19

Chrysene

Concen: 10.070 ng/ul

RT: 21.42 min Scan# 3214

Delta R.T. -0.04 min

Lab File: BE094404.D

Acq: 15 Oct 2017 21:50

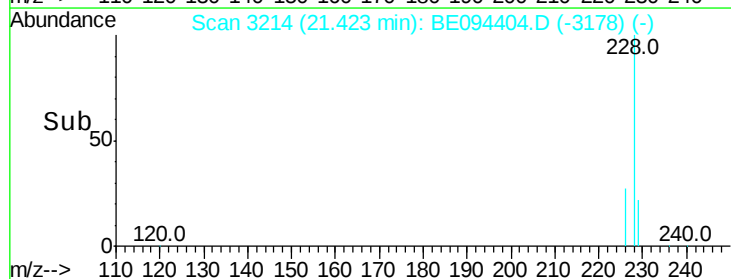
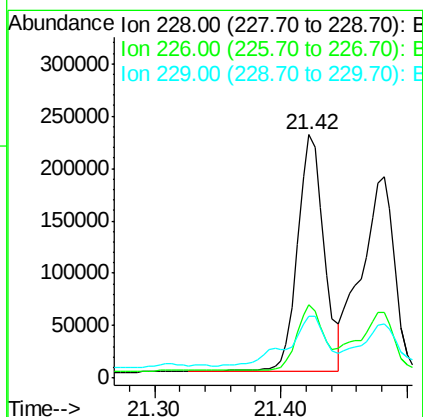
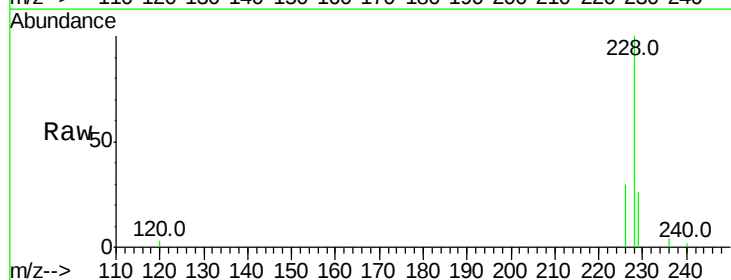
Tgt Ion:228 Resp: 329711

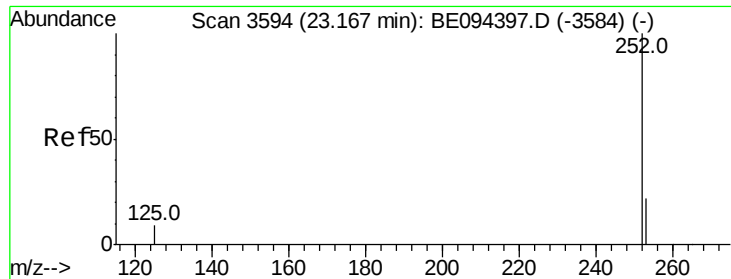
Ion Ratio Lower Upper

228 100

226 29.9 23.4 35.0

229 25.7 17.7 26.5

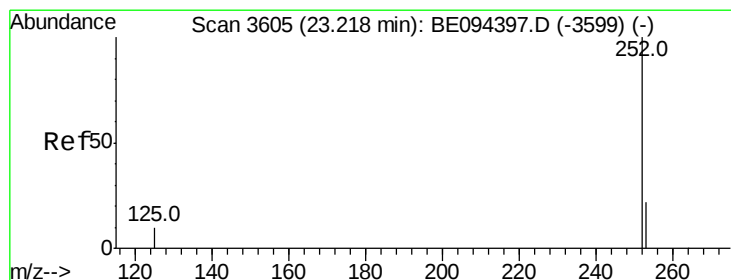
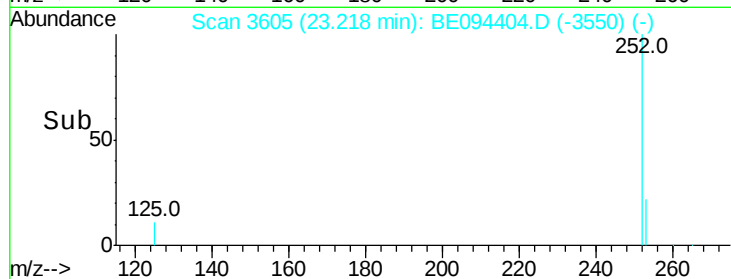
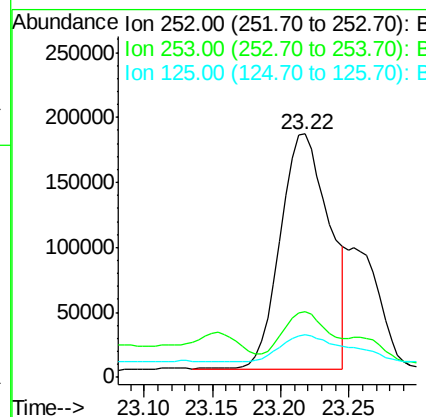
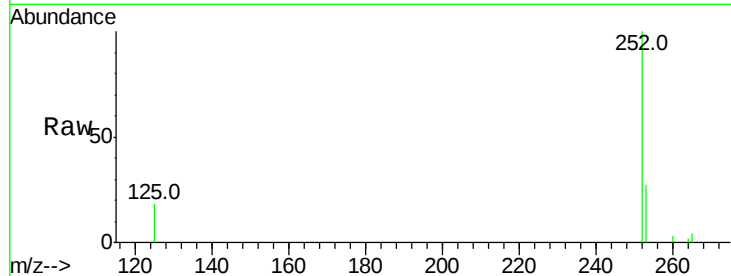




#21
Benzo(b)fluoranthene
Concen: 0.355 ng/ul
RT: 23.22 min Scan# 3605
Delta R.T. 0.05 min
Lab File: BE094404.D
Acq: 15 Oct 2017 21:50

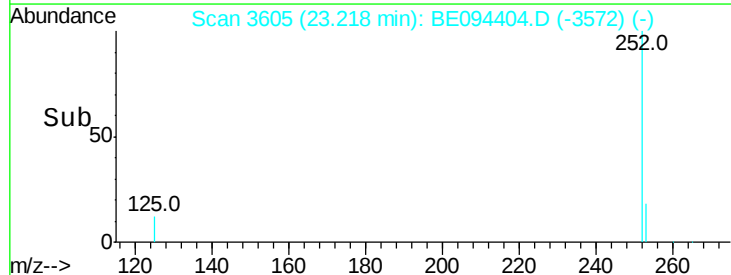
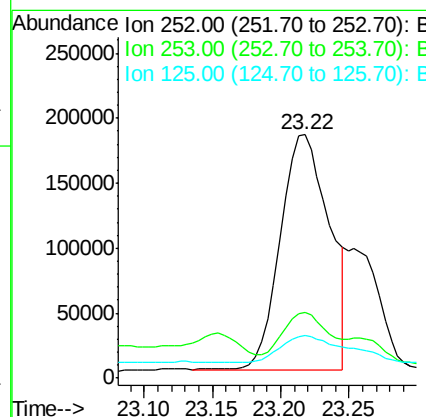
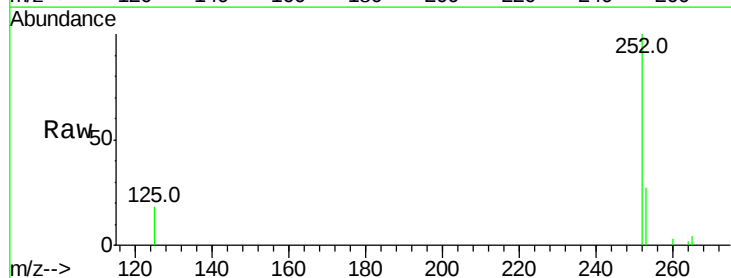
Instrument :
BNA_E
ClientSampleId :

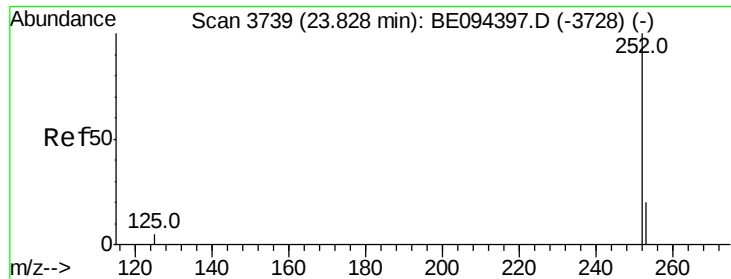
Tot Ion:252 Resp: 450494
Ion Ratio Lower Upper
252 100
253 27.0 0.0 64.2
125 17.6 0.0 35.0



#22
Benzo(k)fluoranthene
Concen: 0.307 ng/ul
RT: 23.22 min Scan# 3605
Delta R.T. -0.00 min
Lab File: BE094404.D
Acq: 15 Oct 2017 21:50

Tgt Ion:252 Resp: 450494
Ion Ratio Lower Upper
252 100
253 27.0 24.5 36.7
125 17.6 13.7 20.5





#23

Benzo(a)pyrene

Concen: 0.210 ng/ul

RT: 23.77 min Scan# 3727

Delta R.T. -0.05 min

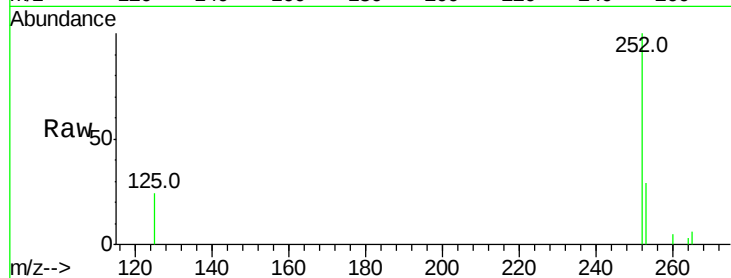
Lab File: BE094404.D

Acq: 15 Oct 2017 21:50

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 252 Resp: 276534

Ion Ratio Lower Upper

252 100

253 28.7 28.5 42.7

125 23.8 18.1 27.1

