

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
 Data File : BE094285.D
 Acq On : 11 Oct 2017 18:36
 Operator : SJ/JU
 Sample : I5490-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 12 07:35:38 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 Oct 12 07:31:23 2017
 Response via : Initial Calibration

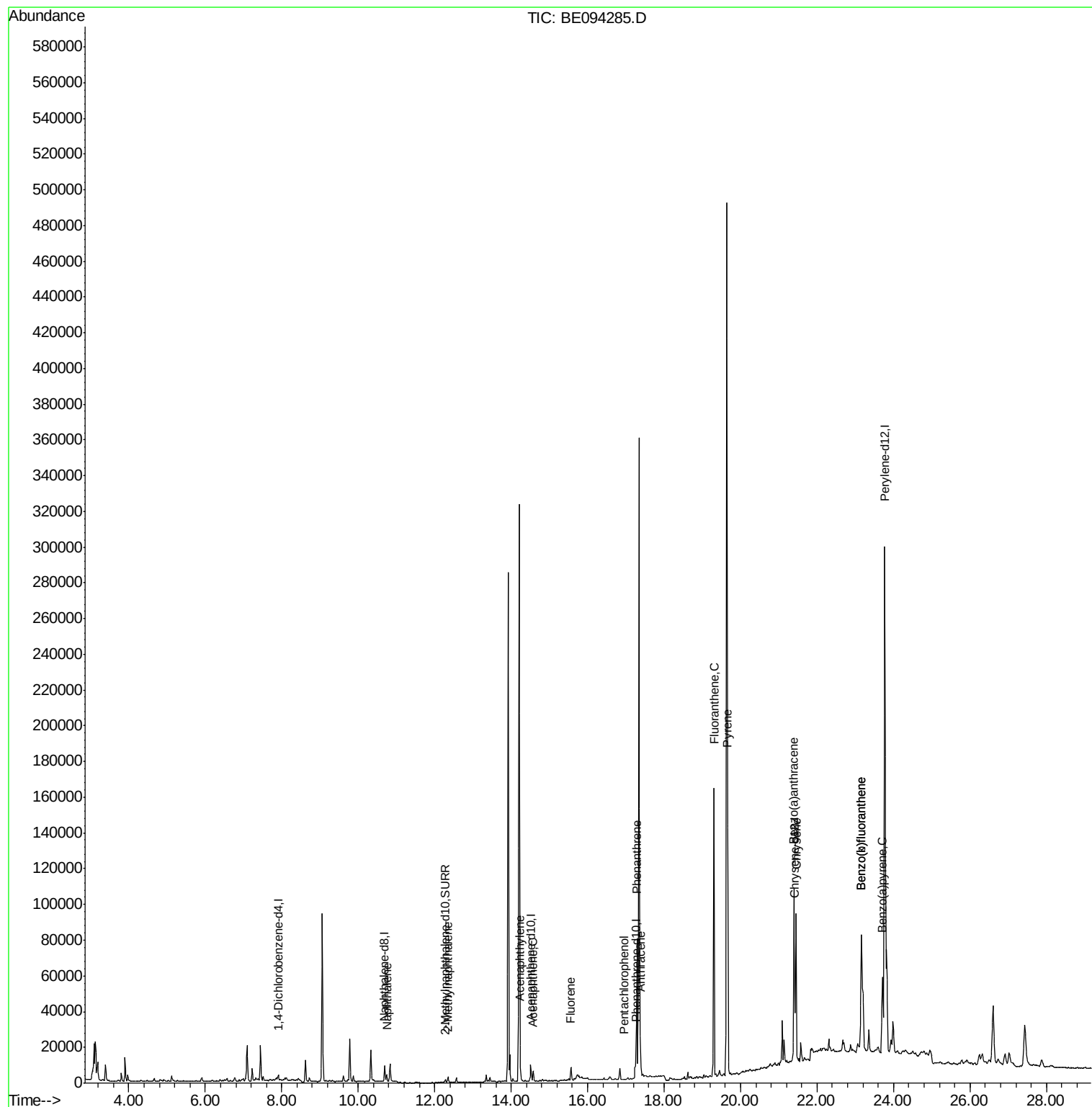
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1825	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	9299	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	5430	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11070	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	11536	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	420850	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	2669	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.20	212	350	0.01	ng/ul	-0.07
Target Compounds					Ovalue	
3) Naphthalene	10.74	128	6116	0.269	ng/ul#	96
5) 2-Methylnaphthalene	12.35	142	2870	0.194	ng/ul	99
7) Acenaphthylene	14.24	152	6647	0.314	ng/ul	98
8) Acenaphthene	14.57	153	3618	0.208	ng/ul	97
9) Fluorene	15.57	166	4967	0.243	ng/ul	93
11) Pentachlorophenol	16.96	266	71	0.055	ng/ul#	51
12) Phenanthrene	17.29	178	90931	3.143	ng/ul#	92
13) Anthracene	17.38	178	23764	0.845	ng/ul#	93
15) Fluoranthene	19.30	202	179524	4.723	ng/ul	84
17) Pyrene	19.66	202	165567	5.158	ng/ul#	84
18) Benzo(a)anthracene	21.40	228	89910	2.938	ng/ul#	88
19) Chrysene	21.45	228	88575	2.506	ng/ul	93
21) Benzo(b)fluoranthene	23.16	252	112426	0.098	ng/ul	86
22) Benzo(k)fluoranthene	23.16	252	105360	0.080	ng/ul#	88
23) Benzo(a)pyrene	23.71	252	68084	0.057	ng/ul#	80

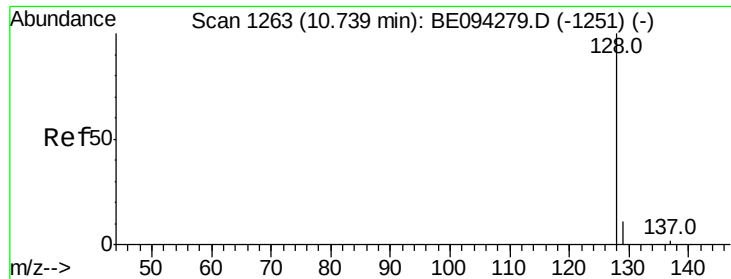
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
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QLast Update : Thu Oct 12 07:31:23 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.269 ng/ul

RT: 10.74 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BE094285.D

Acq: 11 Oct 2017 18:36

Instrument :

BNA_E

ClientSampleId :

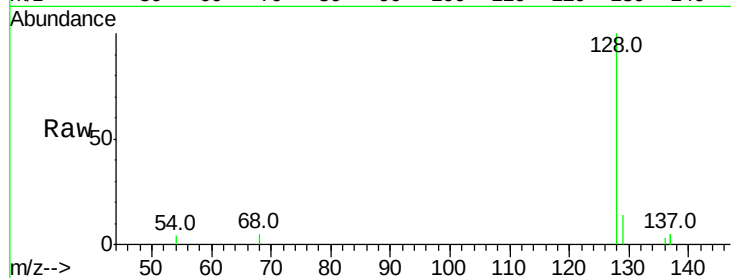
Tot Ion:128 Resp: 6116

Ion Ratio Lower Upper

128 100

129 14.1 11.3 16.9

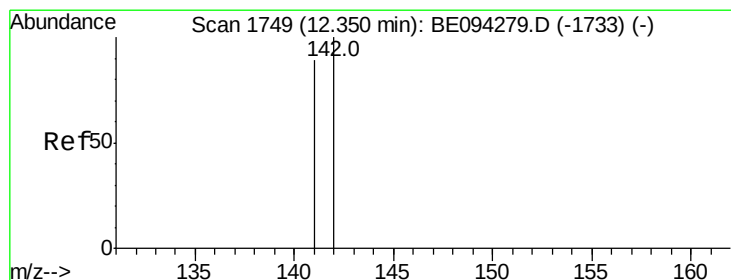
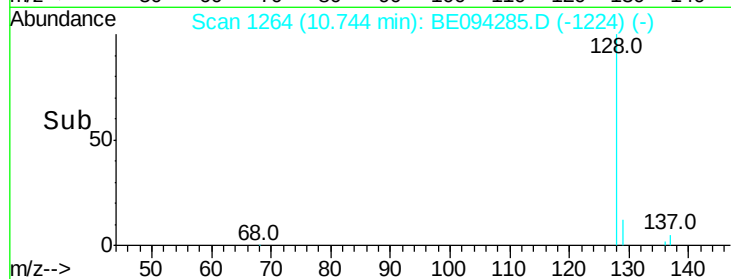
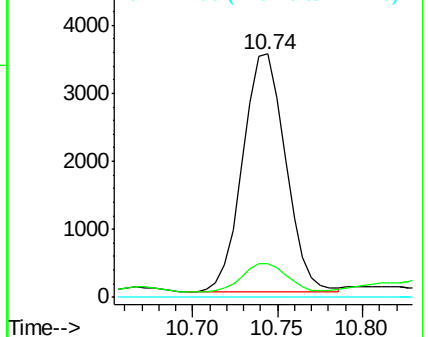
127 0.0 4.0 6.0#



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: 0.194 ng/ul

RT: 12.35 min Scan# 1748

Delta R.T. -0.00 min

Lab File: BE094285.D

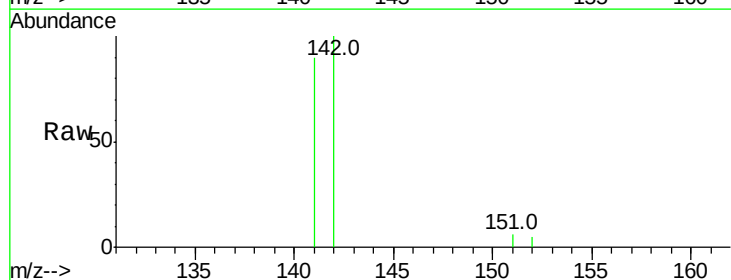
Acq: 11 Oct 2017 18:36

Tgt Ion:142 Resp: 2870

Ion Ratio Lower Upper

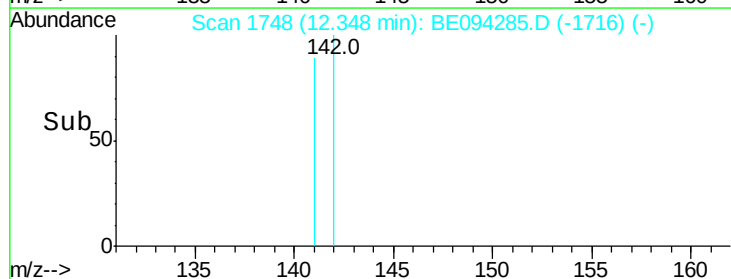
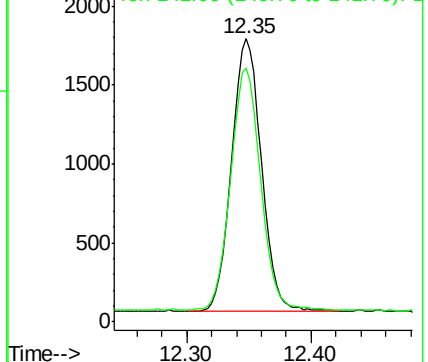
142 100

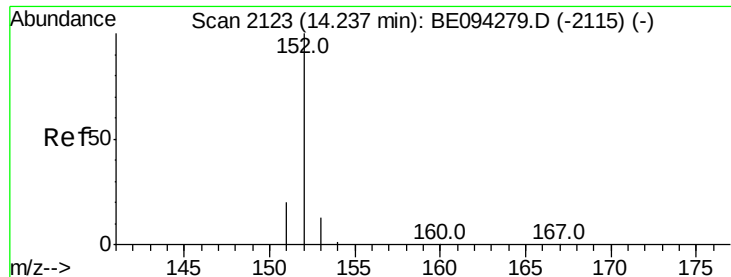
141 89.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.314 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.01 min

Lab File: BE094285.D

Acq: 11 Oct 2017 18:36

Instrument :

BNA_E

ClientSampleId :

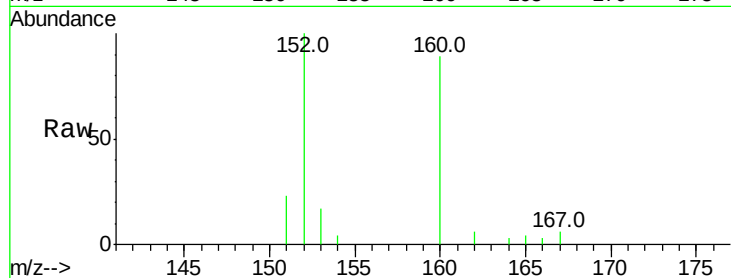
Tot Ion:152 Resp: 6647

Ion Ratio Lower Upper

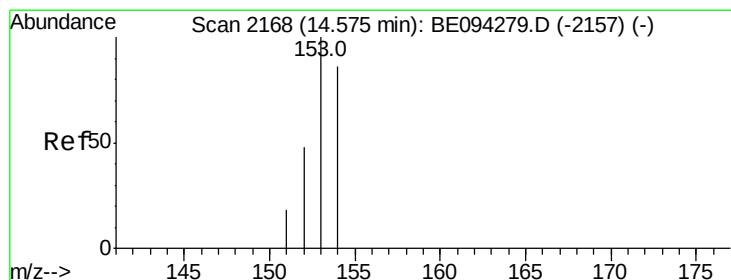
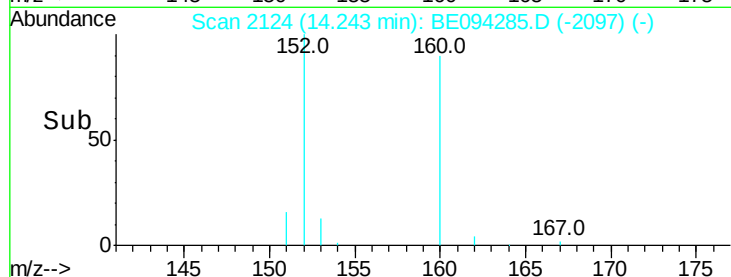
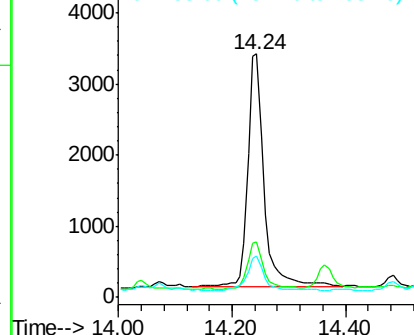
152 100

151 22.6 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: 0.208 ng/ul

RT: 14.57 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BE094285.D

Acq: 11 Oct 2017 18:36

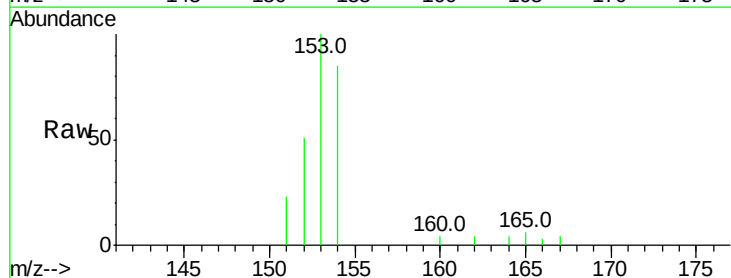
Tgt Ion:153 Resp: 3618

Ion Ratio Lower Upper

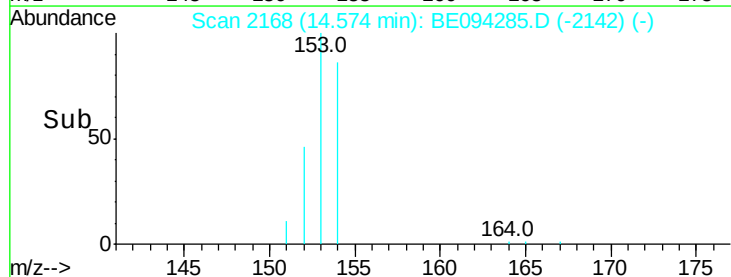
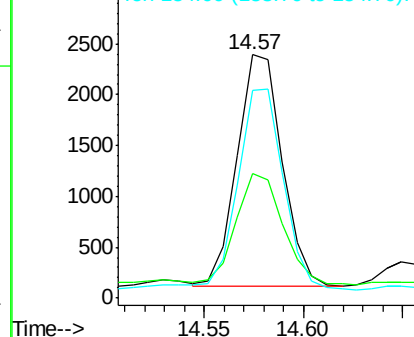
153 100

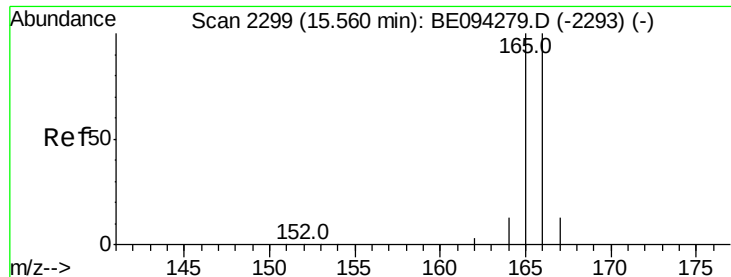
152 51.4 40.3 60.5

154 85.3 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

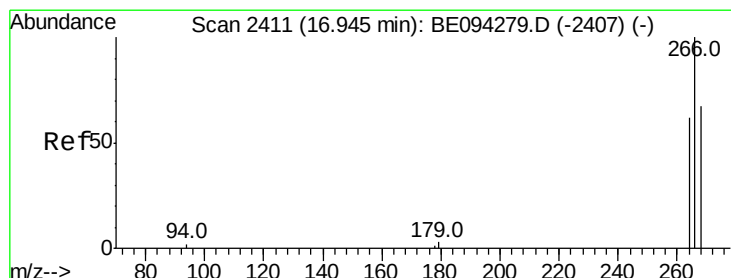
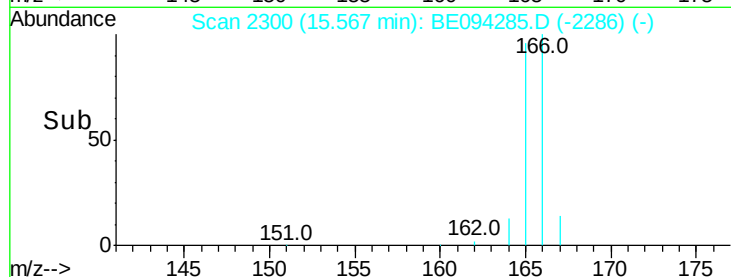
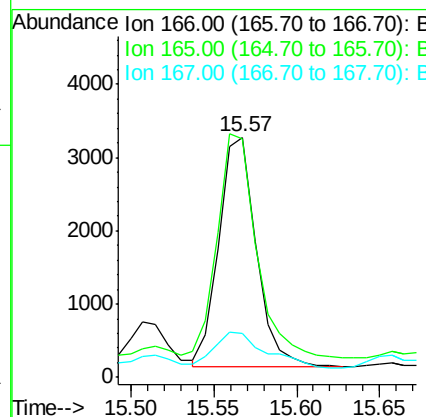
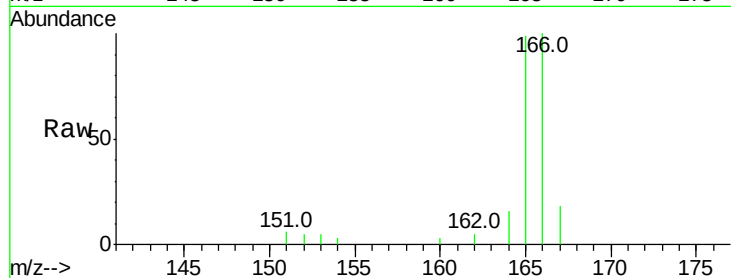




#9
Fluorene
 Concen: 0.243 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. 0.01 min
 Lab File: BE094285.D
 Acq: 11 Oct 2017 18:36

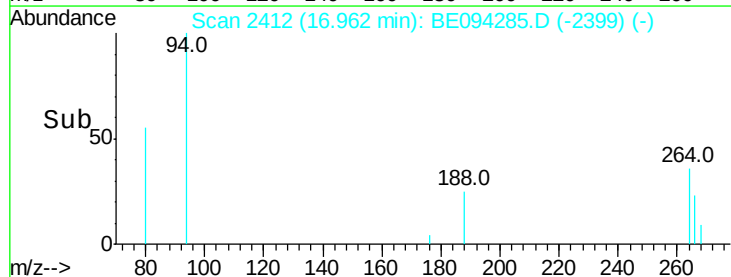
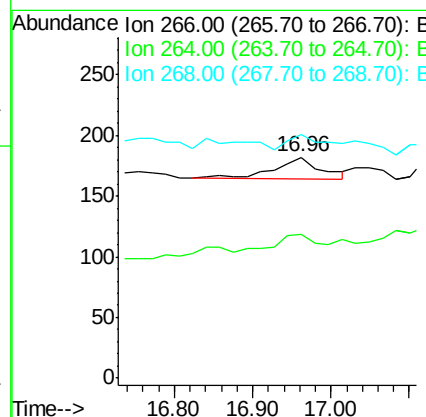
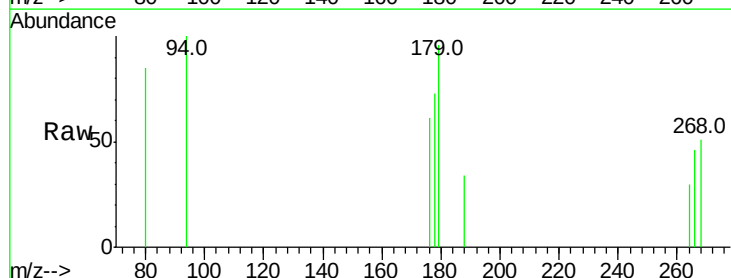
Instrument :
 BNA_E
 ClientSampleId :

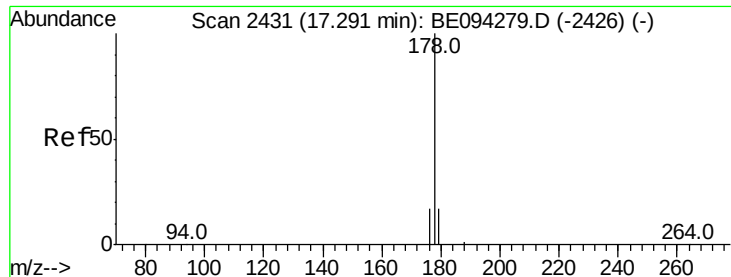
Tot Ion:166 Resp: 4967
 Ion Ratio Lower Upper
 166 100
 165 99.1 73.4 110.2
 167 18.1 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.055 ng/ul
 RT: 16.96 min Scan# 2412
 Delta R.T. 0.02 min
 Lab File: BE094285.D
 Acq: 11 Oct 2017 18:36

Tgt Ion:266 Resp: 71
 Ion Ratio Lower Upper
 266 100
 264 70.4 47.9 71.9
 268 126.8 49.8 74.8#





#12

Phenanthrene

Concen: 3.143 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BE094285.D

Acq: 11 Oct 2017 18:36

Instrument :

BNA_E

ClientSampleId :

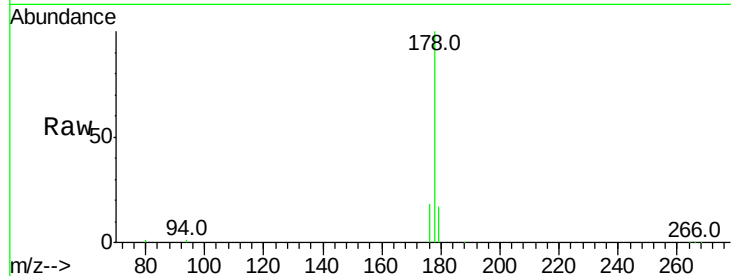
Tot Ion:178 Resp: 90931

Ion Ratio Lower Upper

178 100

179 17.1 18.4 27.6#

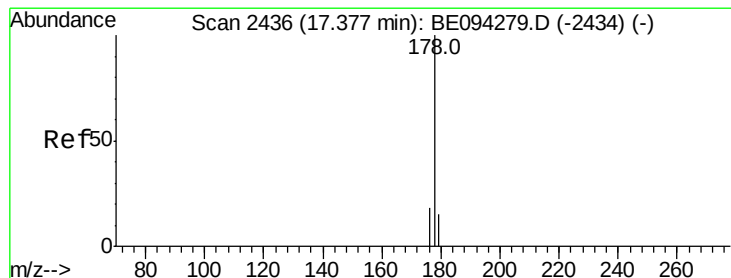
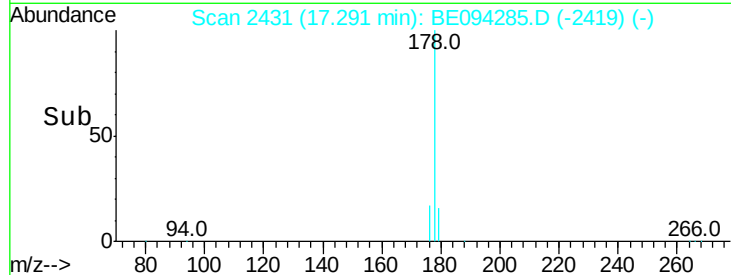
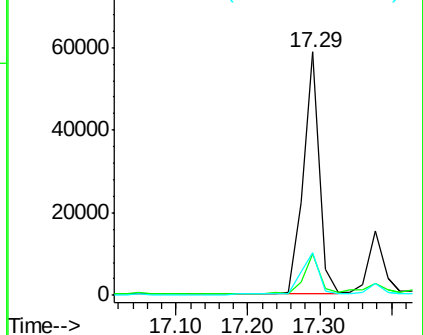
176 17.7 13.6 20.4



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: 0.845 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BE094285.D

Acq: 11 Oct 2017 18:36

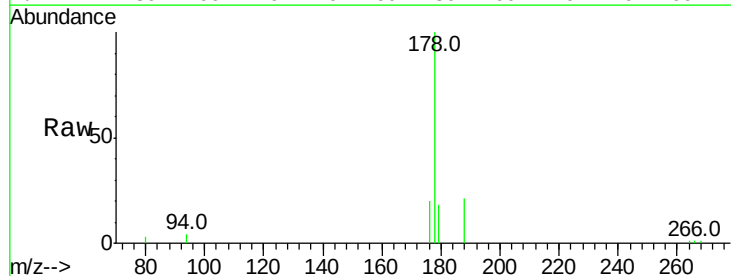
Tgt Ion:178 Resp: 23764

Ion Ratio Lower Upper

178 100

179 17.7 18.1 27.1#

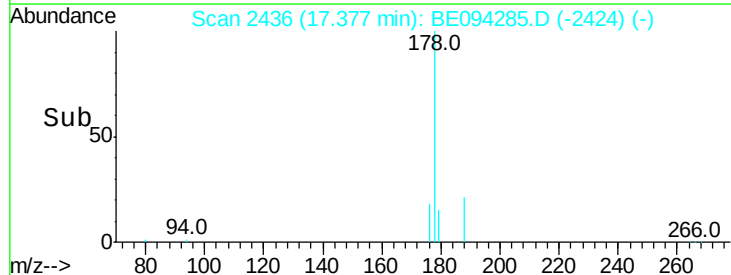
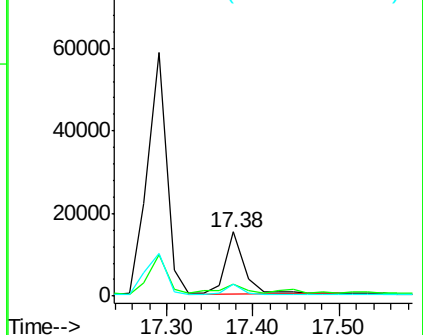
176 19.6 14.7 22.1

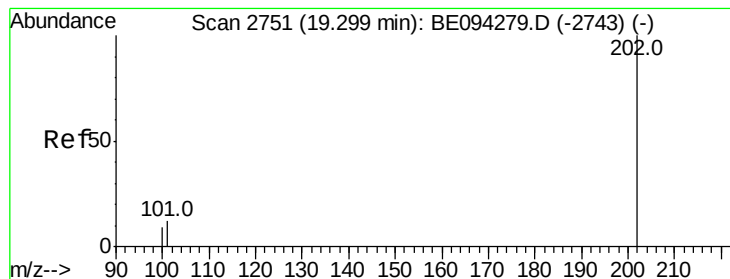


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 4.723 ng/ul

RT: 19.30 min Scan# 2752

Delta R.T. 0.00 min

Lab File: BE094285.D

Acq: 11 Oct 2017 18:36

Instrument :

BNA_E

ClientSampleId :

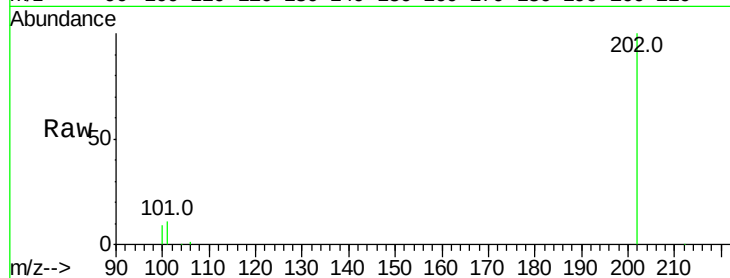
Tot Ion:202 Resp: 179524

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.3

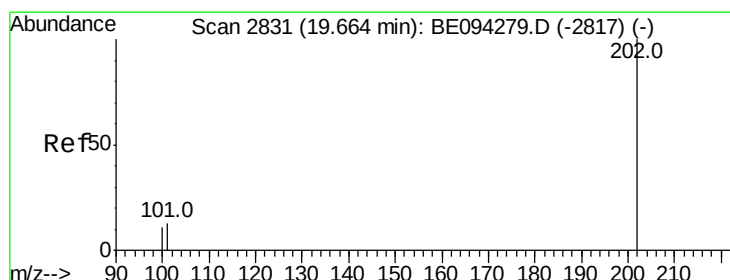
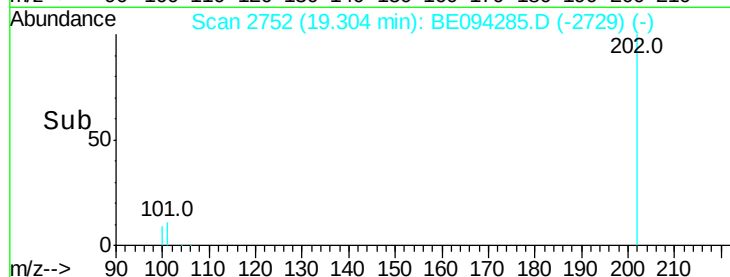
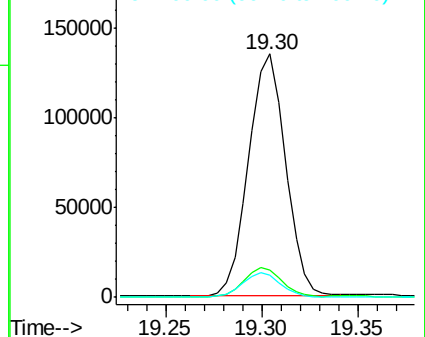
100 9.0 0.0 39.5



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: 5.158 ng/ul

RT: 19.66 min Scan# 2831

Delta R.T. 0.00 min

Lab File: BE094285.D

Acq: 11 Oct 2017 18:36

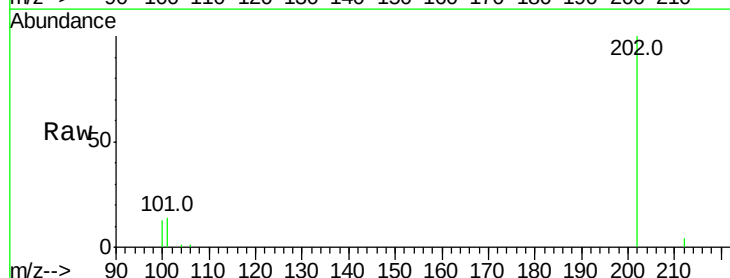
Tgt Ion:202 Resp: 165567

Ion Ratio Lower Upper

202 100

101 14.4 18.2 27.4#

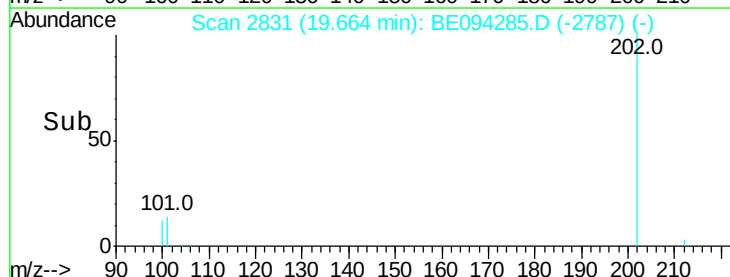
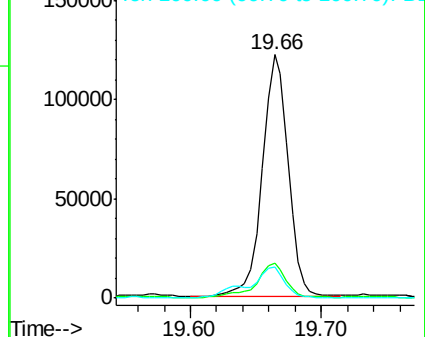
100 12.7 15.6 23.4#

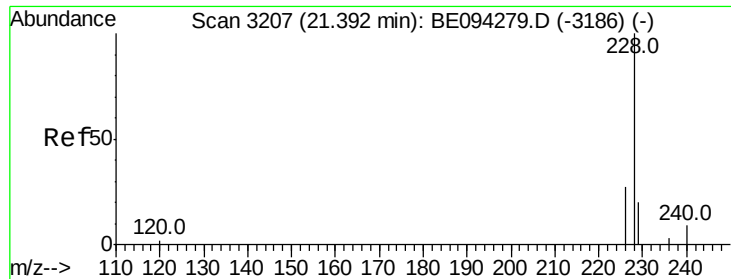


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

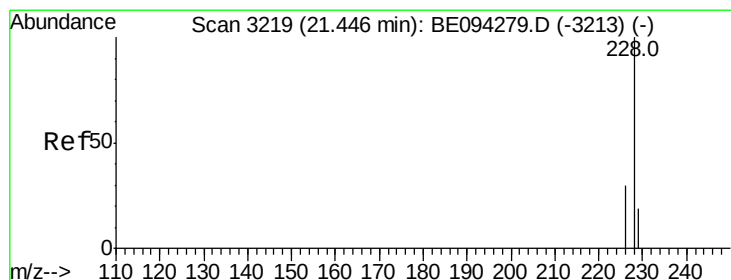
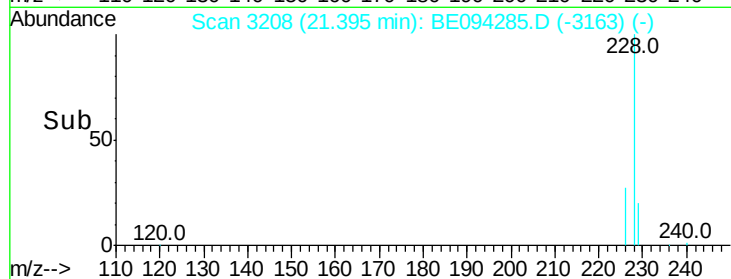
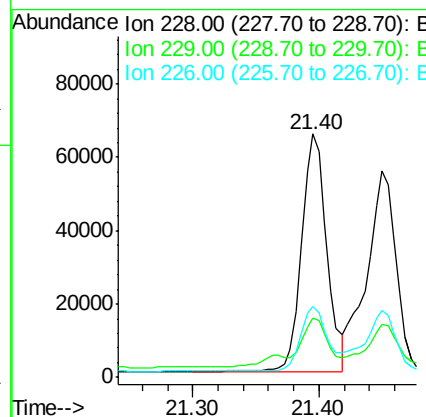
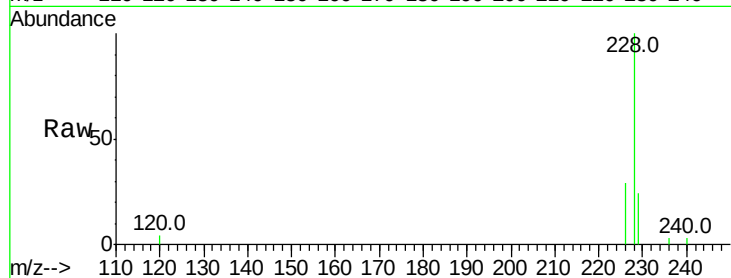




#18
Benzo(a)anthracene
Concen: 2.938 ng/ul
RT: 21.40 min Scan# 3208
Delta R.T. 0.00 min
Lab File: BE094285.D
Acq: 11 Oct 2017 18:36

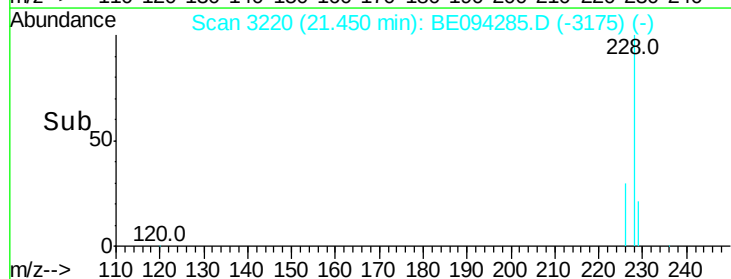
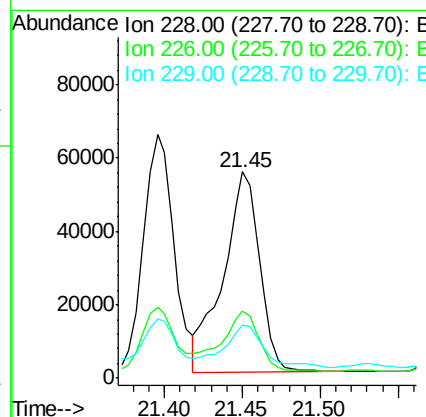
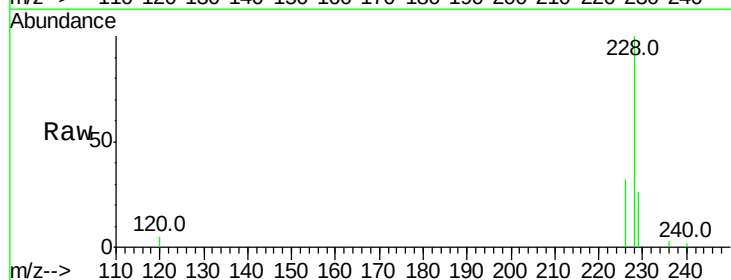
Instrument :
BNA_E
ClientSampleId :

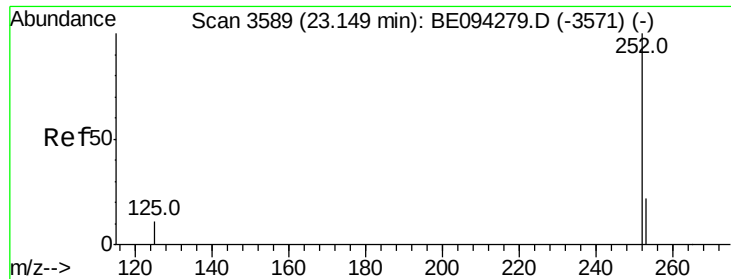
Tot Ion:228 Resp: 89910
Ion Ratio Lower Upper
228 100
229 24.3 22.8 34.2
226 29.3 17.0 25.6#



#19
Chrysene
Concen: 2.506 ng/ul
RT: 21.45 min Scan# 3220
Delta R.T. 0.00 min
Lab File: BE094285.D
Acq: 11 Oct 2017 18:36

Tgt Ion:228 Resp: 88575
Ion Ratio Lower Upper
228 100
226 32.5 23.4 35.0
229 25.8 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.098 ng/ul

RT: 23.16 min Scan# 3592

Delta R.T. 0.01 min

Lab File: BE094285.D

Acq: 11 Oct 2017 18:36

Instrument :

BNA_E

ClientSampleId :

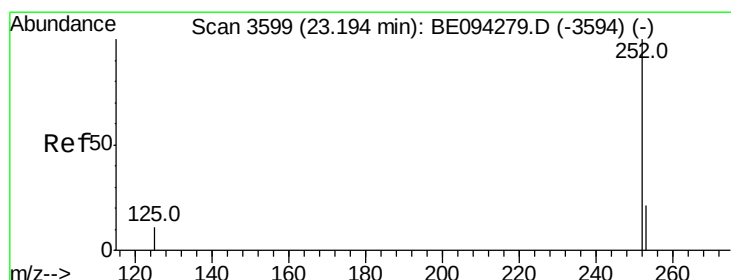
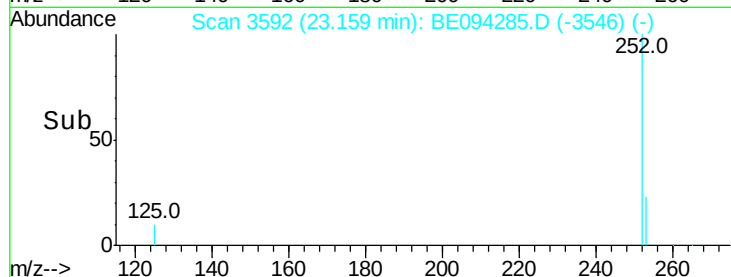
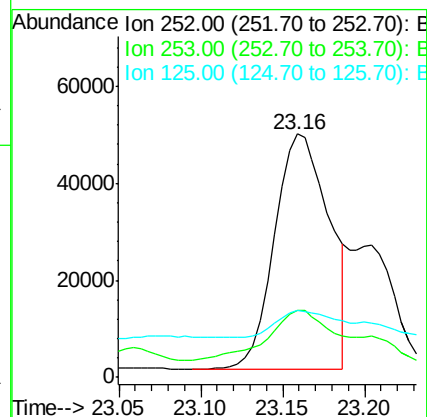
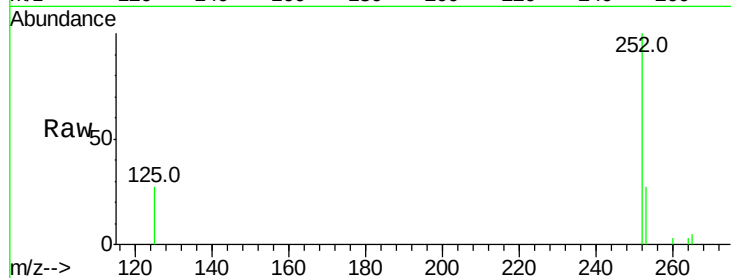
Tot Ion:252 Resp: 112426

Ion Ratio Lower Upper

252 100

253 27.3 0.0 64.2

125 27.4 0.0 35.0



#22

Benzo(k)fluoranthene

Concen: 0.080 ng/ul

RT: 23.16 min Scan# 3592

Delta R.T. -0.04 min

Lab File: BE094285.D

Acq: 11 Oct 2017 18:36

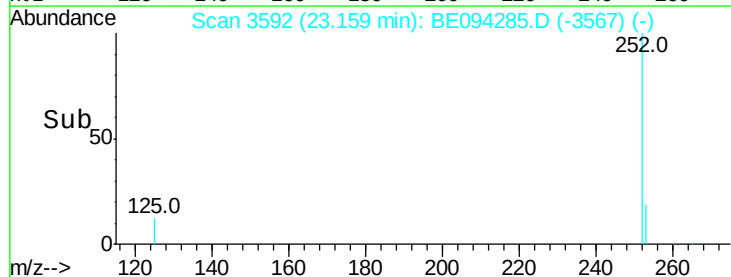
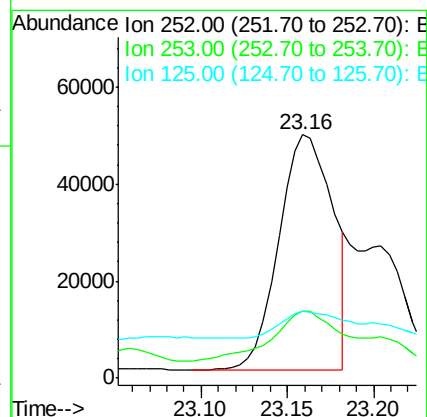
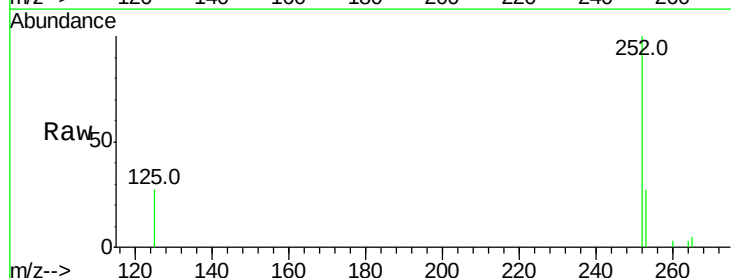
Tgt Ion:252 Resp: 105360

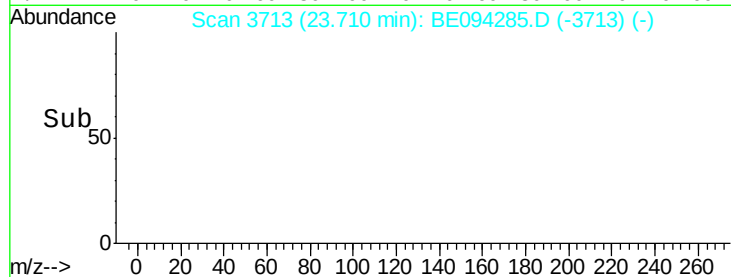
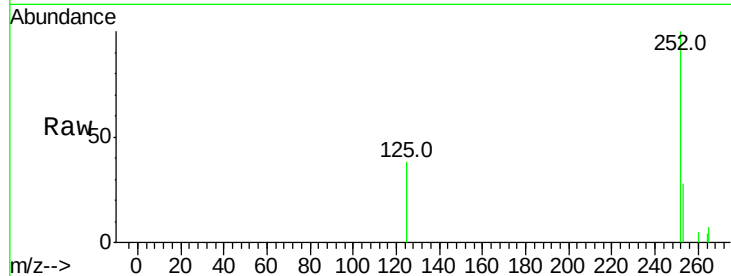
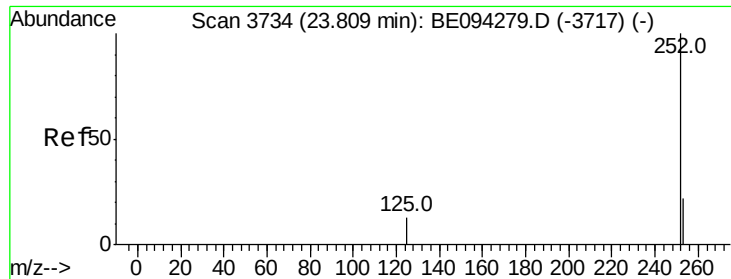
Ion Ratio Lower Upper

252 100

253 27.3 24.5 36.7

125 27.4 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.057 ng/ul

RT: 23.71 min Scan# 3713

Delta R.T. -0.10 min

Lab File: BE094285.D

Acq: 11 Oct 2017 18:36

Instrument :

BNA_E

ClientSampleId :

Tot Ion: 252 Resp: 68084

Ion Ratio Lower Upper

252 100

253 28.3 28.5 42.7#

125 38.4 18.1 27.1#

