

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094398.D
 Acq On : 15 Oct 2017 18:09
 Operator : SJ/JU
 Sample : I5548-05
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 16 07:53:01 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

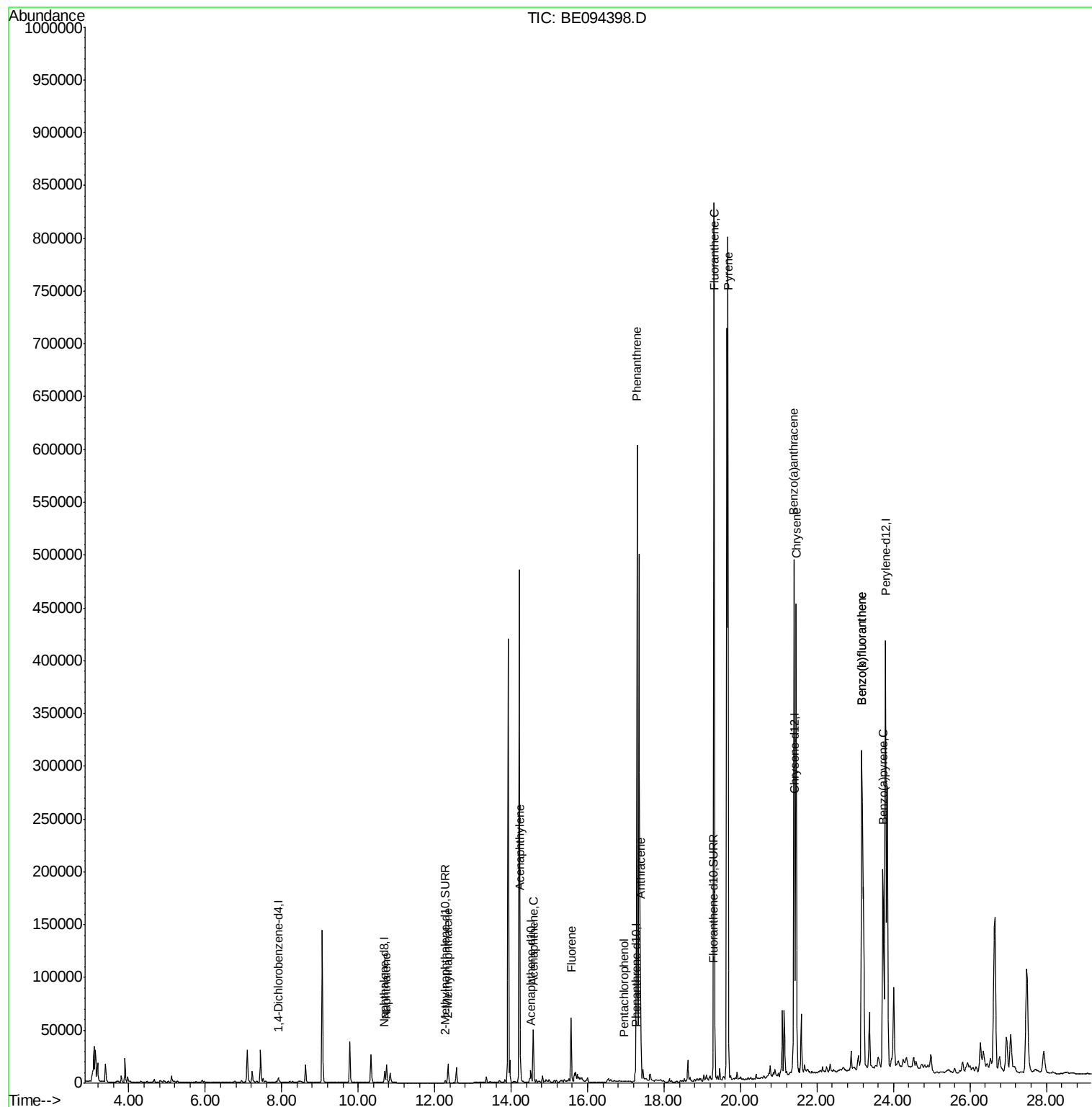
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2295	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	11501	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	6448	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	12751	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	12436	0.40	ng/ul	0.00
20) Perylene-d12	23.79	264	607341	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	3970	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	8988	0.21	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	26043	0.924	ng/ul#	91
5) 2-Methylnaphthalene	12.35	142	16012	0.876	ng/ul	99
7) Acenaphthylene	14.24	152	26575	1.057	ng/ul	98
8) Acenaphthene	14.58	153	30694	1.483	ng/ul	97
9) Fluorene	15.57	166	40078	1.654	ng/ul#	95
11) Pentachlorophenol	16.95	266	66	0.044	ng/ul#	78
12) Phenanthrene	17.29	178	656224	19.694	ng/ul#	89
13) Anthracene	17.38	178	140063	4.322	ng/ul#	90
15) Fluoranthene	19.31	202	938745	21.441	ng/ul	84
17) Pyrene	19.67	202	875638	25.307	ng/ul#	84
18) Benzo(a)anthracene	21.40	228	466943	14.154	ng/ul#	86
19) Chrysene	21.46	228	455772	11.963	ng/ul	99
21) Benzo(b)fluoranthene	23.17	252	532845	0.323	ng/ul	86
22) Benzo(k)fluoranthene	23.17	252	532845	0.279	ng/ul#	88
23) Benzo(a)pyrene	23.73	252	300815	0.175	ng/ul#	85

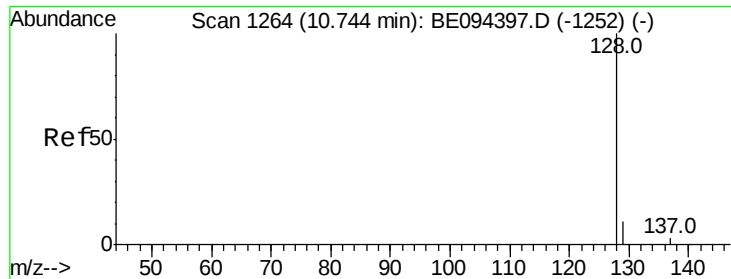
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 16 07:45:00 2017
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#3

Naphthalene

Concen: 0.924 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BE094398.D

Acq: 15 Oct 2017 18:09

Instrument :

BNA_E

ClientSampleId :

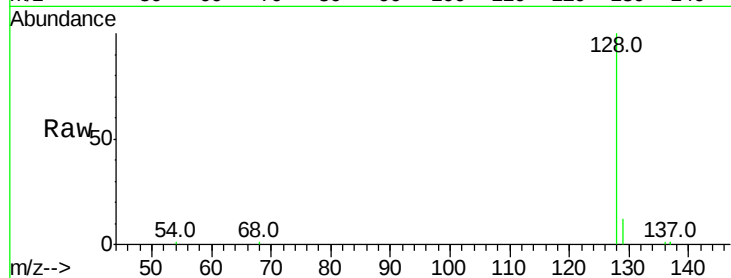
Tot Ion:128 Resp: 26043

Ion Ratio Lower Upper

128 100

129 11.6 11.3 16.9

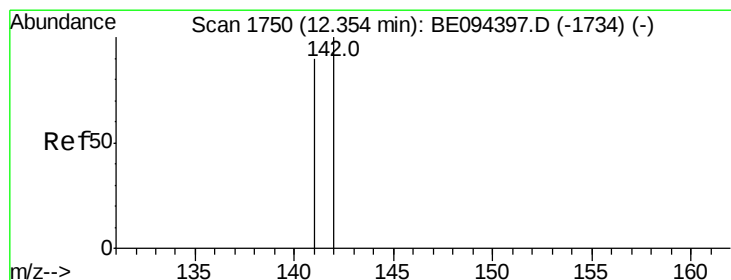
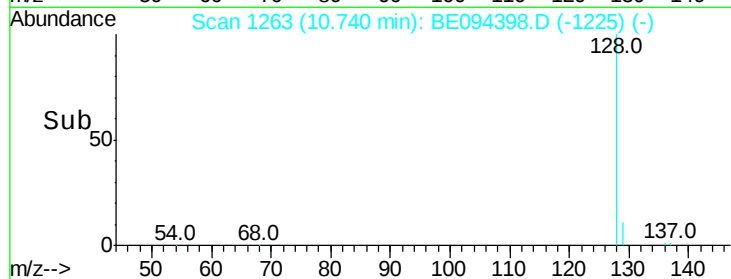
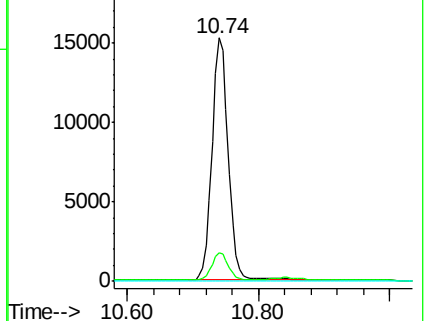
127 0.0 4.0 6.0#



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: 0.876 ng/ul

RT: 12.35 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BE094398.D

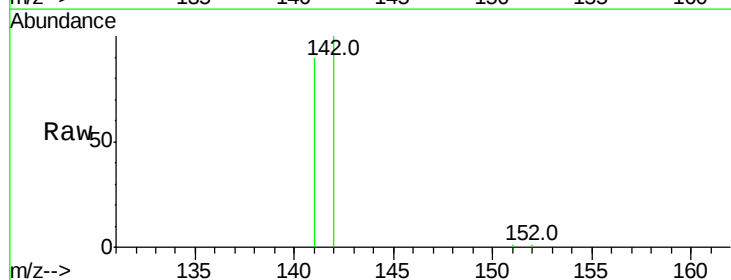
Acq: 15 Oct 2017 18:09

Tgt Ion:142 Resp: 16012

Ion Ratio Lower Upper

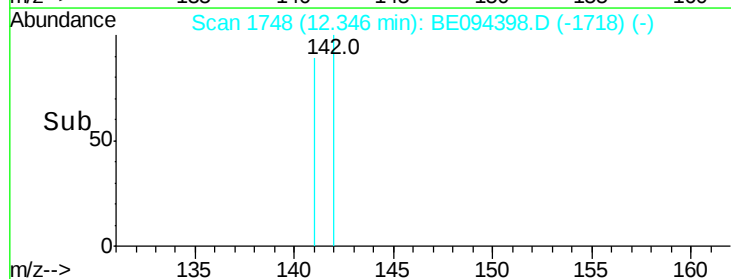
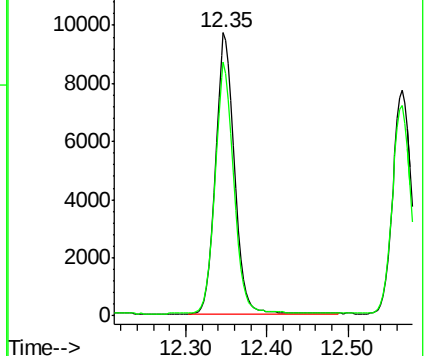
142 100

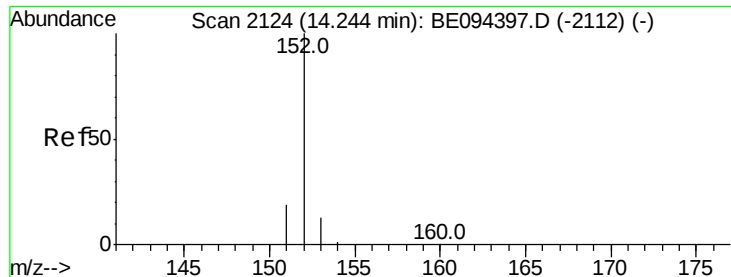
141 89.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.057 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE094398.D

Acq: 15 Oct 2017 18:09

Instrument :

BNA_E

ClientSampleId :

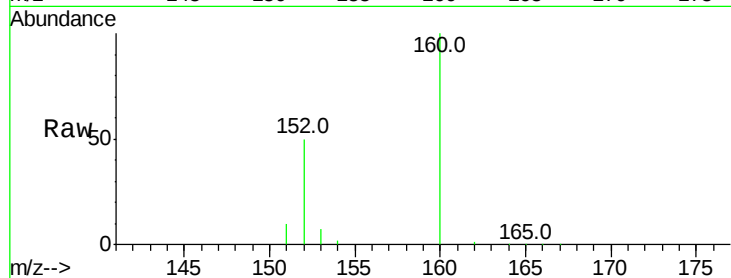
Tot Ion:152 Resp: 26575

Ion Ratio Lower Upper

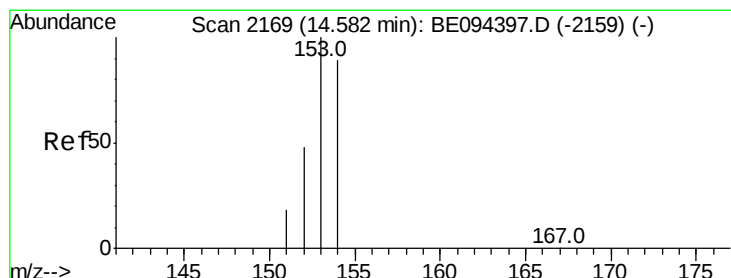
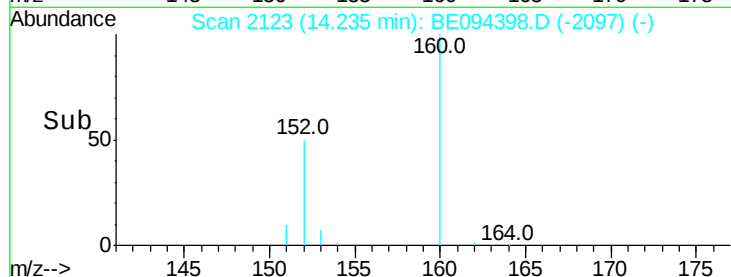
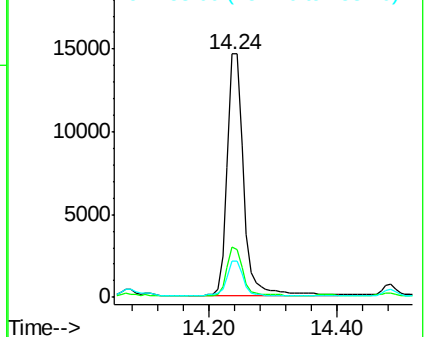
152 100

151 20.8 17.1 25.7

153 14.8 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: 1.483 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BE094398.D

Acq: 15 Oct 2017 18:09

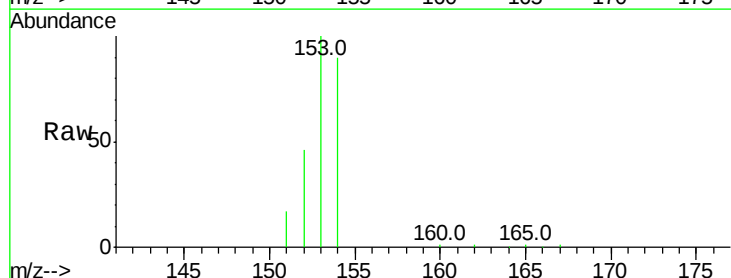
Tgt Ion:153 Resp: 30694

Ion Ratio Lower Upper

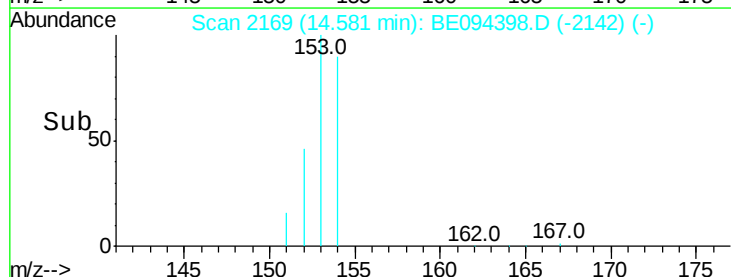
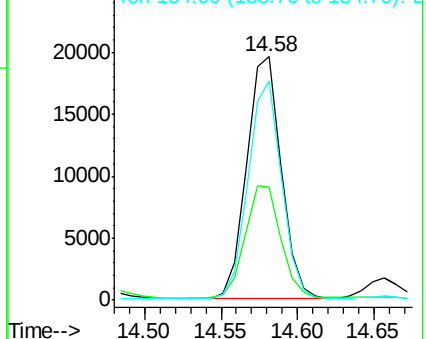
153 100

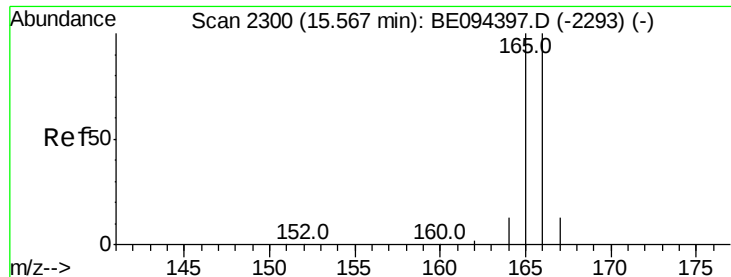
152 46.3 40.3 60.5

154 90.3 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

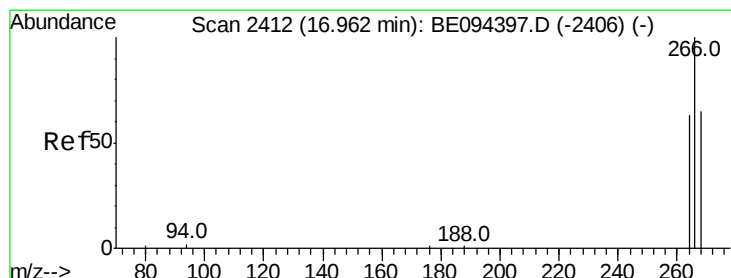
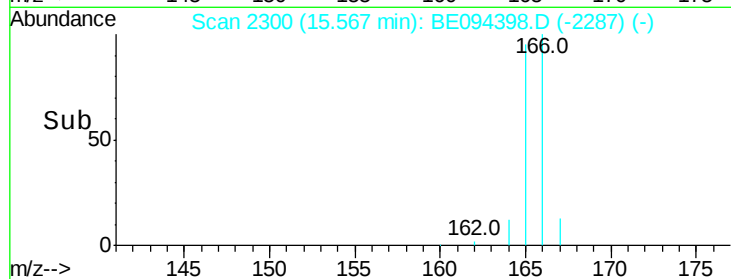
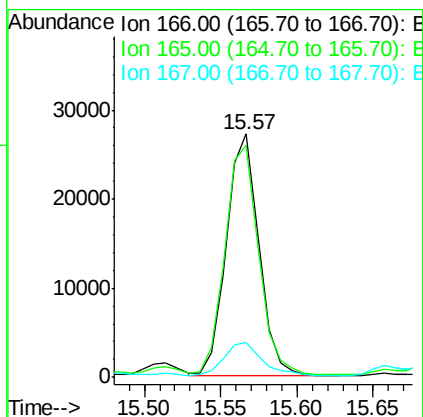
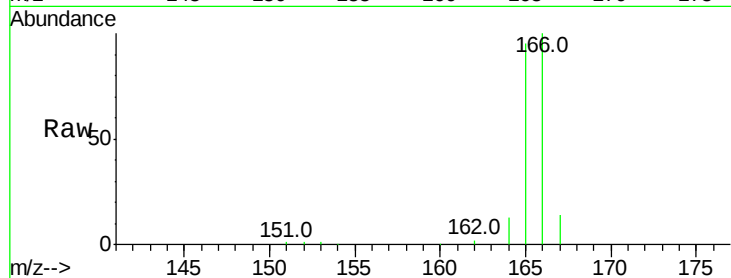




#9
Fluorene
 Concen: 1.654 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BE094398.D
 Acq: 15 Oct 2017 18:09

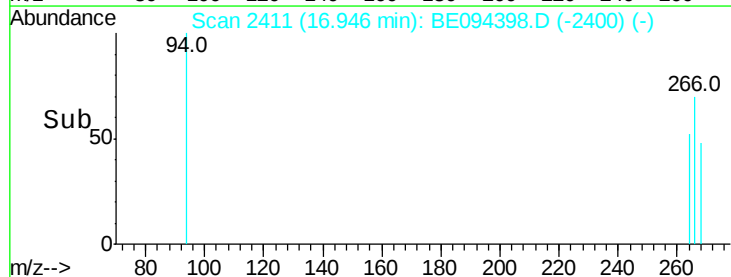
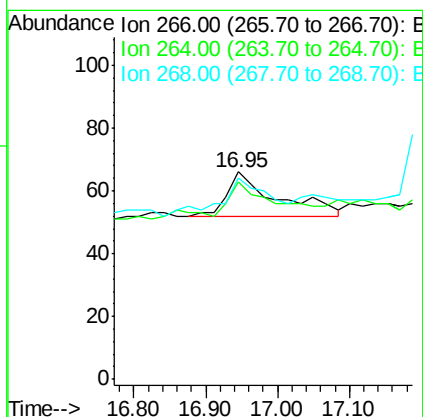
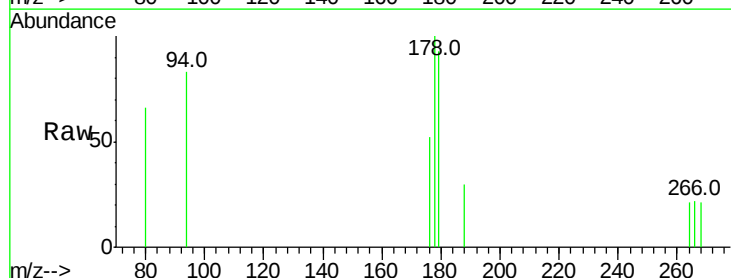
Instrument :
 BNA_E
 ClientSampleId :

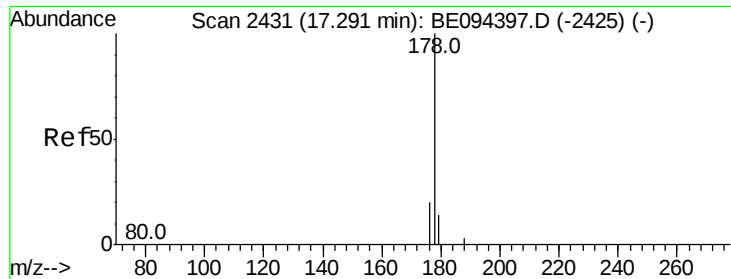
Tot Ion:166 Resp: 40078
 Ion Ratio Lower Upper
 166 100
 165 95.4 73.4 110.2
 167 14.5 14.6 22.0#



#11
Pentachlorophenol
 Concen: 0.044 ng/ul
 RT: 16.95 min Scan# 2411
 Delta R.T. -0.02 min
 Lab File: BE094398.D
 Acq: 15 Oct 2017 18:09

Tgt Ion:266 Resp: 66
 Ion Ratio Lower Upper
 266 100
 264 72.7 47.9 71.9#
 268 83.3 49.8 74.8#





#12

Phenanthrene

Concen: 19.694 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BE094398.D

Acq: 15 Oct 2017 18:09

Instrument :

BNA_E

ClientSampleId :

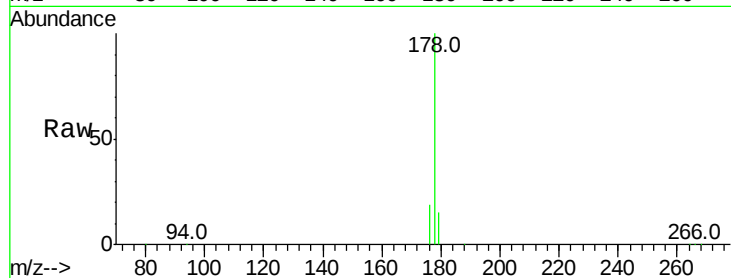
Tot Ion:178 Resp: 656224

Ion Ratio Lower Upper

178 100

179 15.4 18.4 27.6#

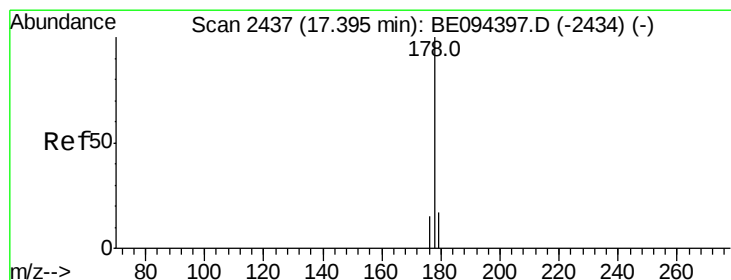
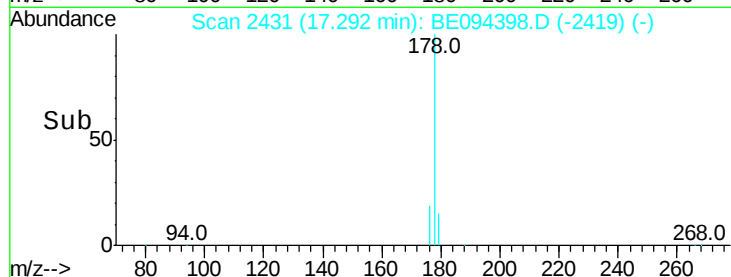
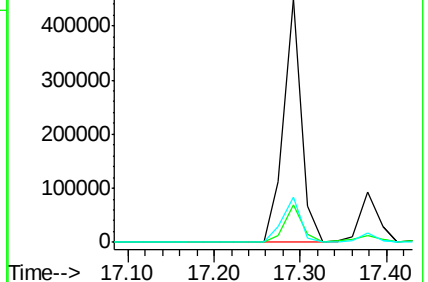
176 18.6 13.6 20.4



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: 4.322 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094398.D

Acq: 15 Oct 2017 18:09

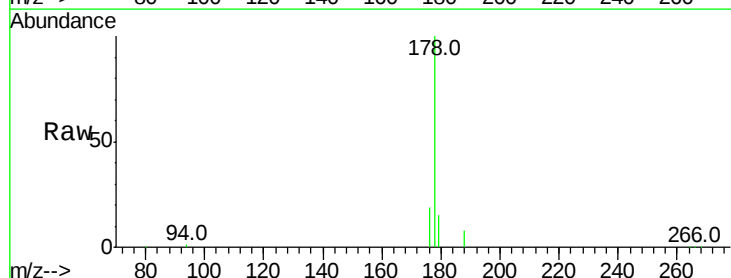
Tgt Ion:178 Resp: 140063

Ion Ratio Lower Upper

178 100

179 14.8 18.1 27.1#

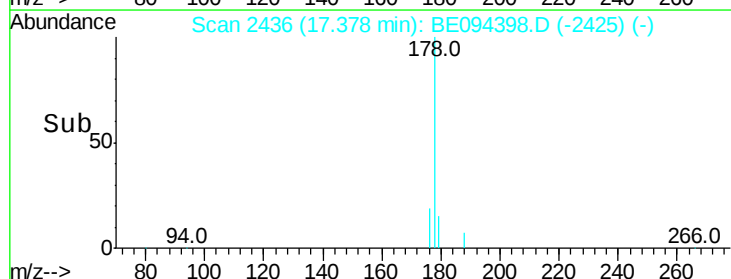
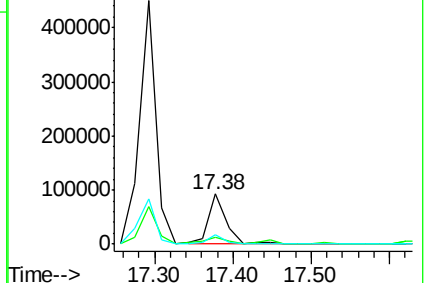
176 19.4 14.7 22.1

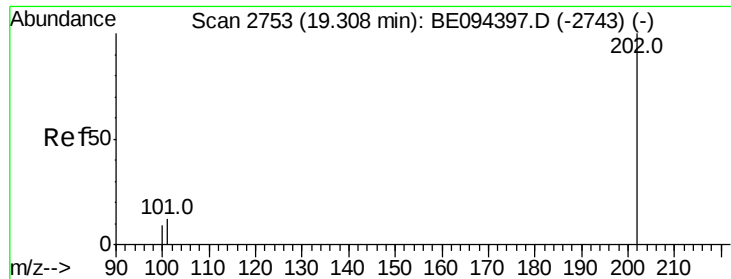


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 21.441 ng/ul

RT: 19.31 min Scan# 2753

Delta R.T. 0.00 min

Lab File: BE094398.D

Acq: 15 Oct 2017 18:09

Instrument :

BNA_E

ClientSampleId :

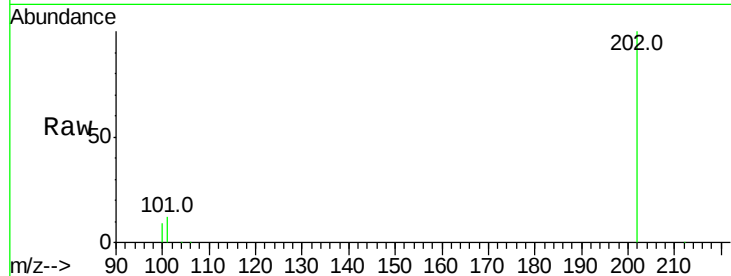
Tot Ion:202 Resp: 938745

Ion Ratio Lower Upper

202 100

101 11.6 0.0 30.3

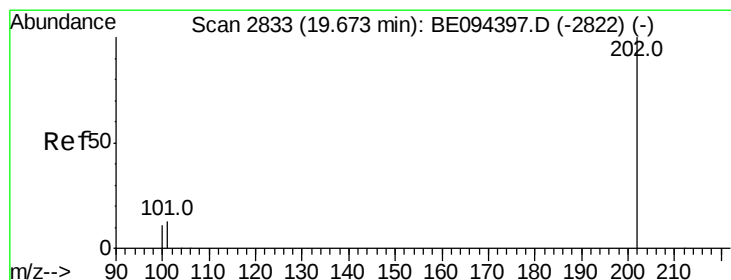
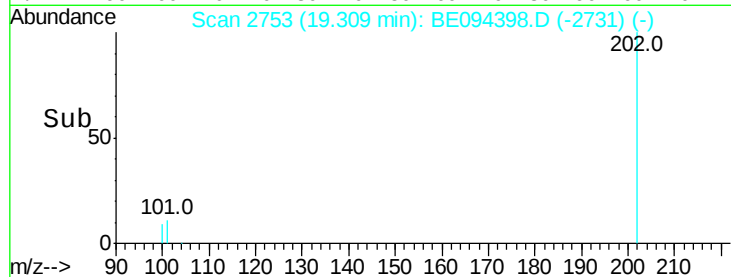
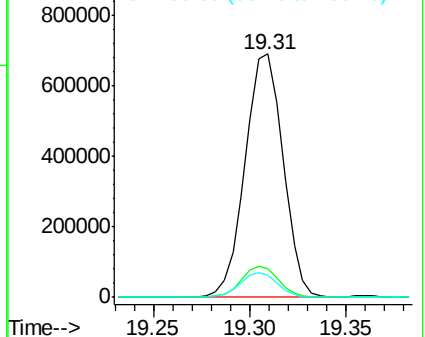
100 9.1 0.0 39.5



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: 25.307 ng/ul

RT: 19.67 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BE094398.D

Acq: 15 Oct 2017 18:09

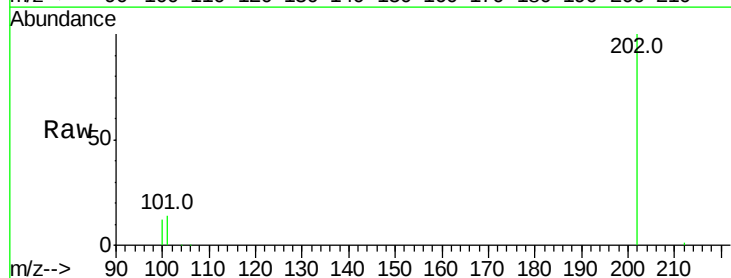
Tgt Ion:202 Resp: 875638

Ion Ratio Lower Upper

202 100

101 14.4 18.2 27.4#

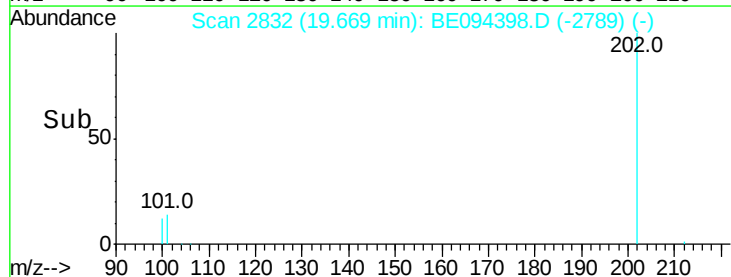
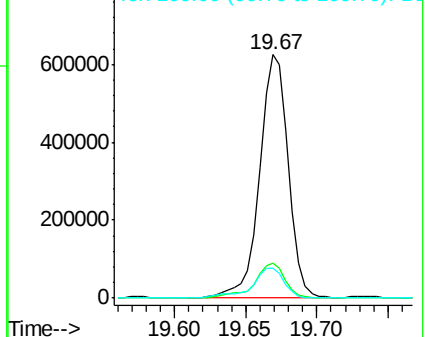
100 12.5 15.6 23.4#

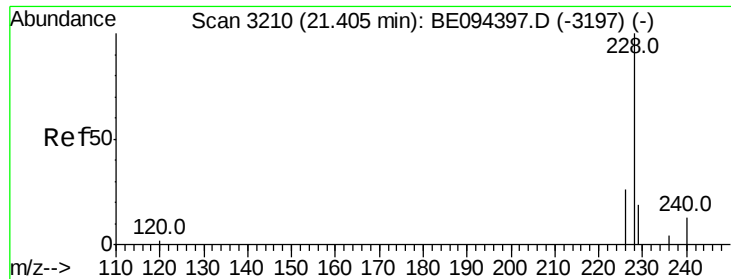


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 14.154 ng/ul

RT: 21.40 min Scan# 3208

Delta R.T. -0.01 min

Lab File: BE094398.D

Acq: 15 Oct 2017 18:09

Instrument :

BNA_E

ClientSampled :

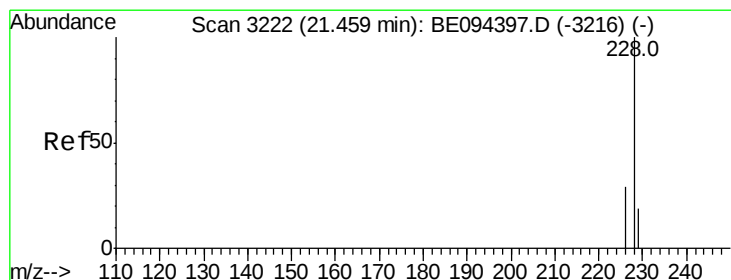
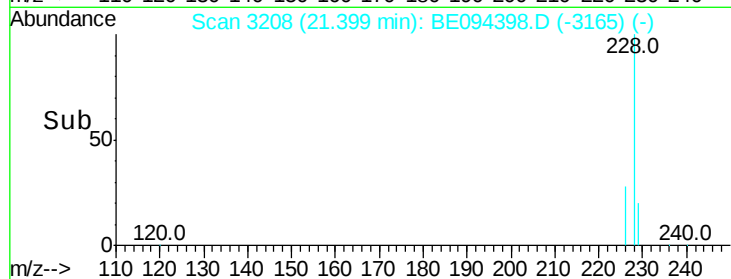
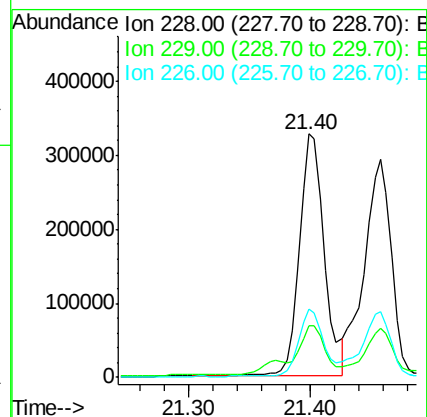
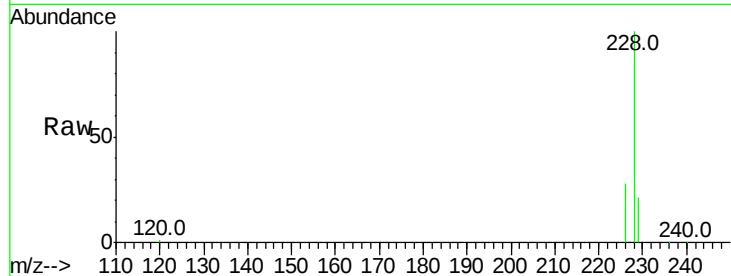
Tot Ion:228 Resp: 466943

Ion Ratio Lower Upper

228 100

229 21.2 22.8 34.2#

226 28.1 17.0 25.6#



#19

Chrysene

Concen: 11.963 ng/ul

RT: 21.46 min Scan# 3221

Delta R.T. -0.00 min

Lab File: BE094398.D

Acq: 15 Oct 2017 18:09

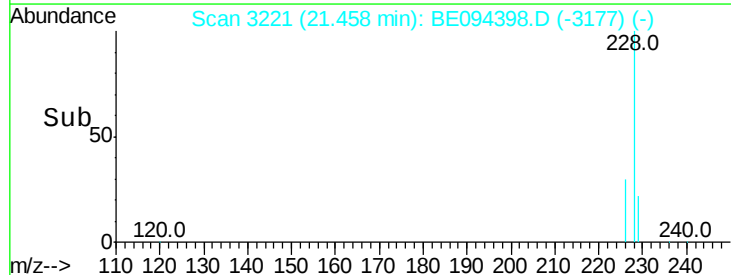
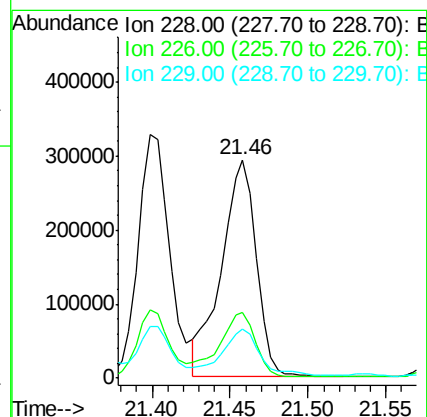
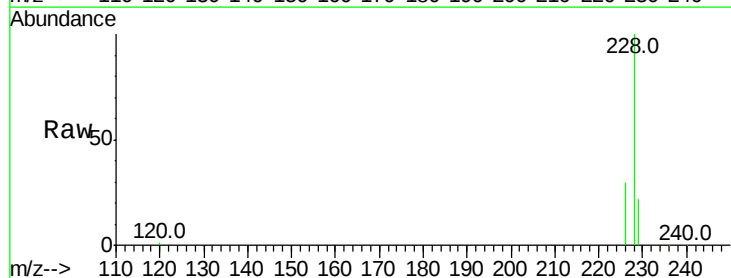
Tgt Ion:228 Resp: 455772

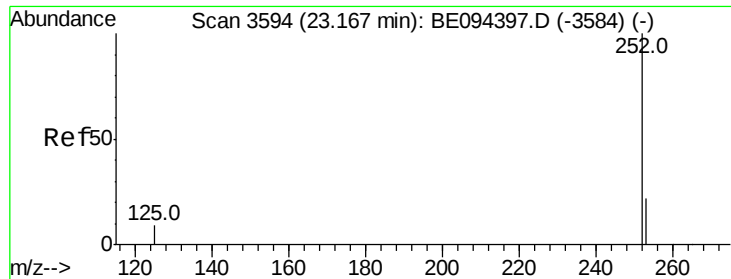
Ion Ratio Lower Upper

228 100

226 30.3 23.4 35.0

229 22.3 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.323 ng/u1

RT: 23.17 min Scan# 3594

Delta R.T. 0.01 min

Lab File: BE094398.D

Acq: 15 Oct 2017 18:09

Instrument :

BNA_E

ClientSampleId :

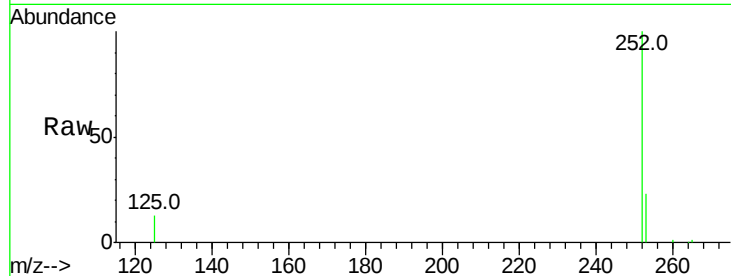
Tot Ion:252 Resp: 532845

Ion Ratio Lower Upper

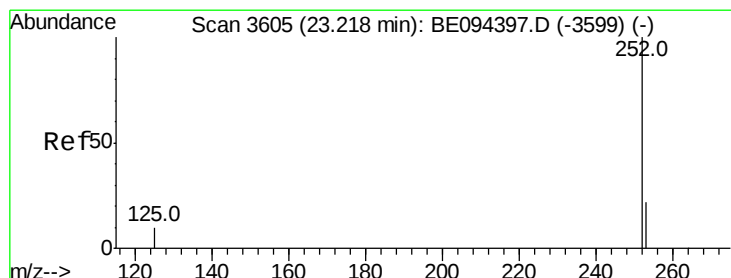
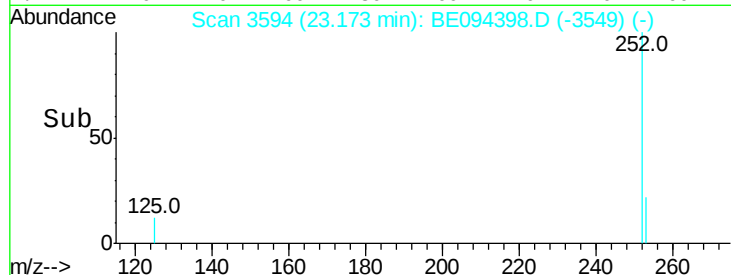
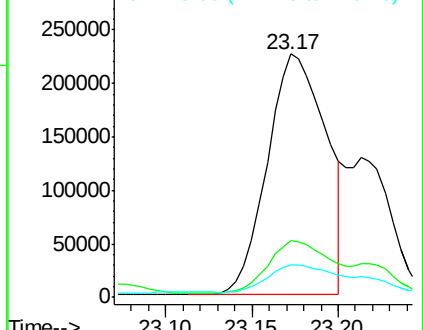
252 100

253 23.2 0.0 64.2

125 13.2 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: 0.279 ng/u1

RT: 23.17 min Scan# 3594

Delta R.T. -0.05 min

Lab File: BE094398.D

Acq: 15 Oct 2017 18:09

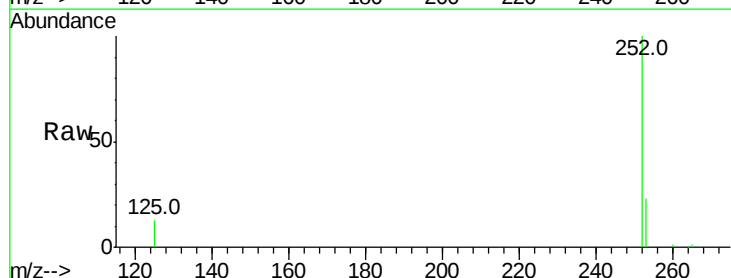
Tgt Ion:252 Resp: 532845

Ion Ratio Lower Upper

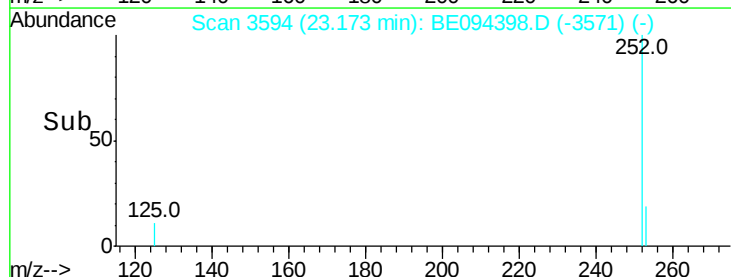
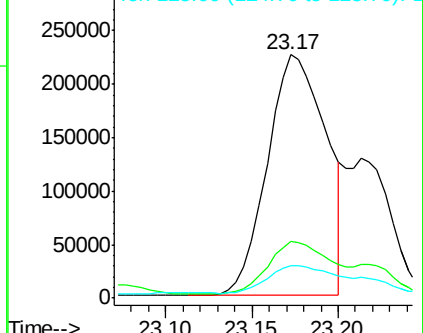
252 100

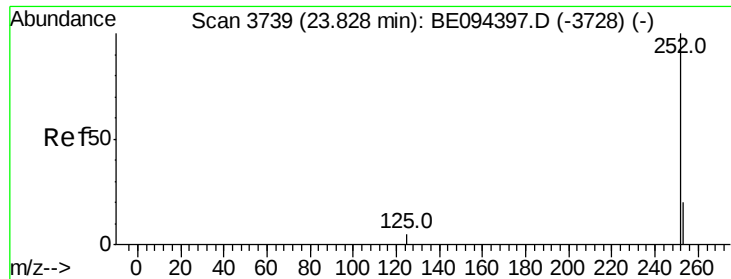
253 23.2 24.5 36.7#

125 13.2 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: 0.175 ng/ul

RT: 23.73 min Scan# 3716

Delta R.T. -0.10 min

Lab File: BE094398.D

Acq: 15 Oct 2017 18:09

Instrument :

BNA_E

ClientSampleId :

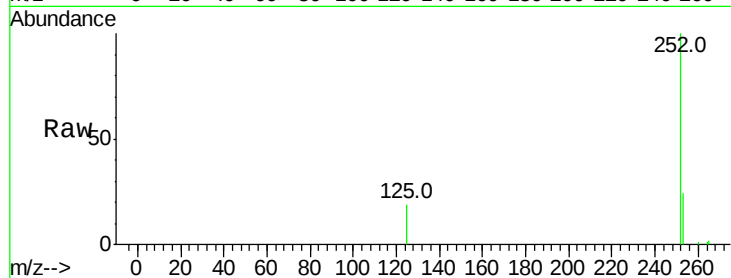
Tot Ion:252 Resp: 300815

Ion Ratio Lower Upper

252 100

253 24.0 28.5 42.7#

125 18.6 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

