

Data File : BE093291.D
Acq On : 20 Jun 2017 21:00
Operator : SJ/JU
Sample : I3627-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A08

Quant Time: Jun 21 03:24:01 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 03:23:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	127	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	528	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.10
16) Chrysene-d12	21.26	240	174	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	759366	0.40	ng/ul	-0.15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	3797	20.42	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	10668	0.00	ng/ul	0.00

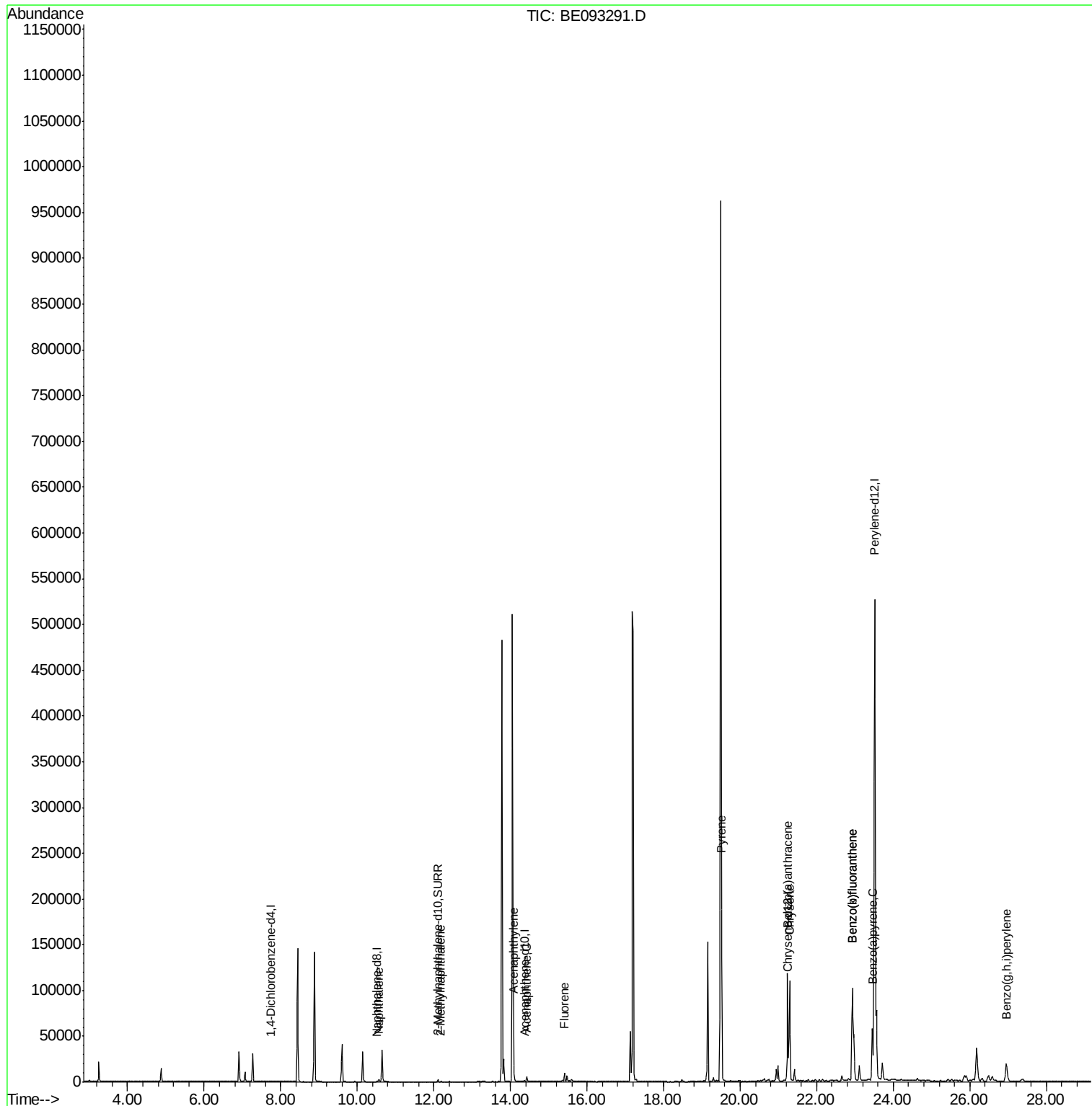
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.56	128	4376	13.89	ng/ul#	93
5) 2-Methylnaphthalene	12.18	142	1081	5.02	ng/ul	99
7) Acenaphthylene	14.09	152	13322	5.88	ng/ul	95
8) Acenaphthene	14.42	153	3169	1.73	ng/ul	97
9) Fluorene	15.42	166	5518	2.57	ng/ul	95
17) Pyrene	19.52	202	190478	371.20	ng/ul#	83
18) Benzo(a)anthracene	21.24	228	97928	210.99	ng/ul#	85
19) Chrysene	21.30	228	123514	256.54	ng/ul	98
21) Benzo(b)fluoranthene	22.93	252	180566	0.08	ng/ul	87
22) Benzo(k)fluoranthene	22.93	252	233042	0.10	ng/ul#	89
23) Benzo(a)pyrene	23.45	252	84120	0.04	ng/ul#	85
26) Benzo(g,h,i)perylene	26.96	276	42786	0.02	ng/ul	96

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

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#3

Naphthalene

Concen: 13.89 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

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ClientSampleId :

F5A08

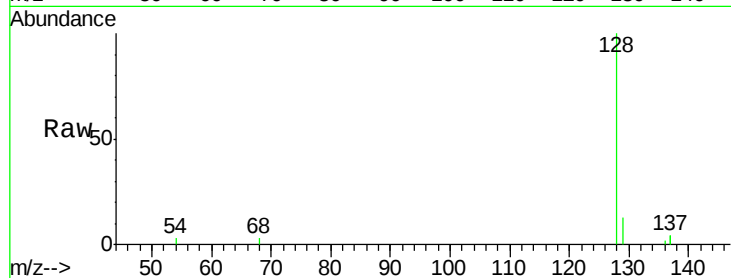
Tgt Ion:128 Resp: 4376

Ion Ratio Lower Upper

128 100

129 12.6 11.3 16.9

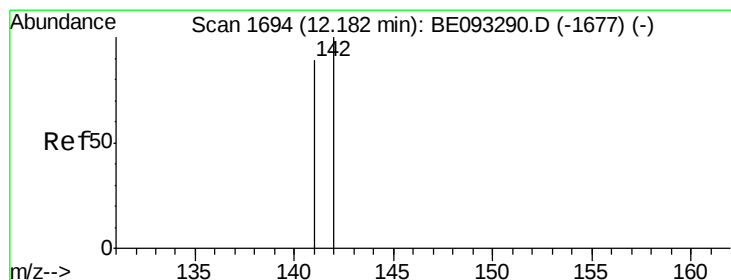
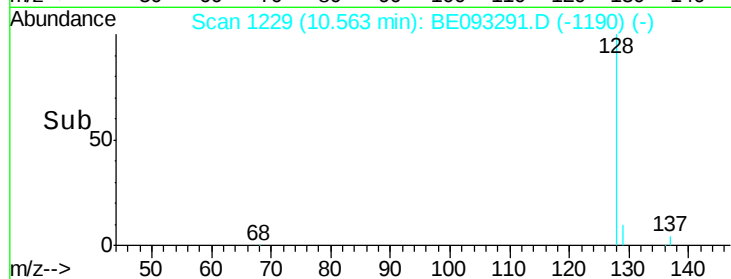
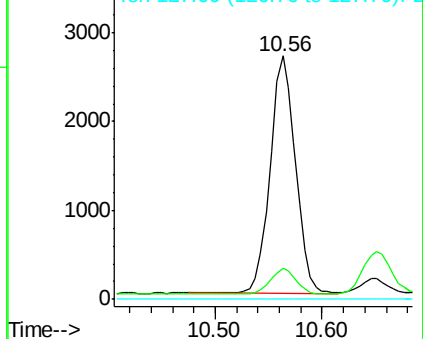
127 0.0 4.0 6.0#



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: 5.02 ng/ul

RT: 12.18 min Scan# 1693

Delta R.T. -0.00 min

Lab File: BE093291.D

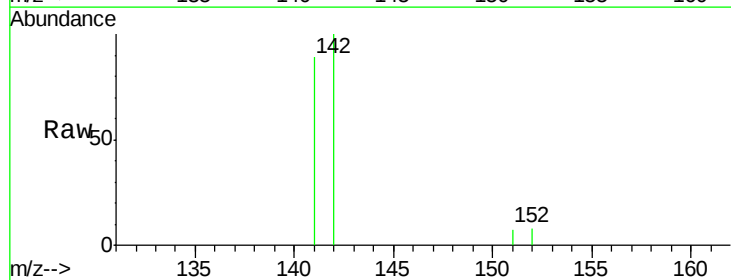
Acq: 20 Jun 2017 21:00

Tgt Ion:142 Resp: 1081

Ion Ratio Lower Upper

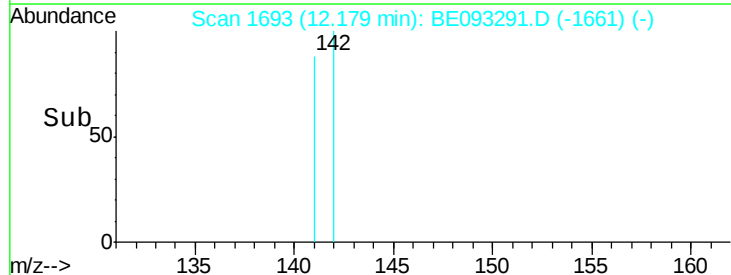
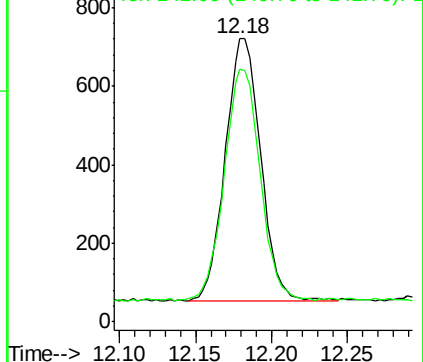
142 100

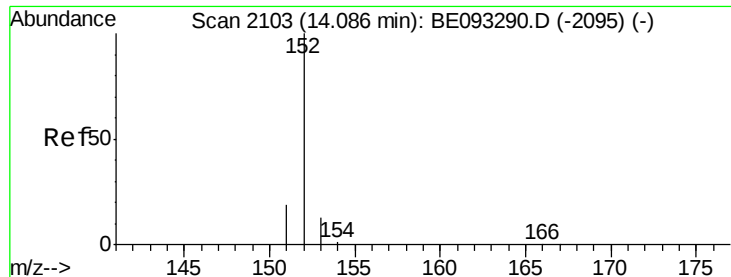
141 89.6 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 5.88 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. -0.00 min

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Acq: 20 Jun 2017 21:00

Instrument :

BNA_E

ClientSampleId :

F5A08

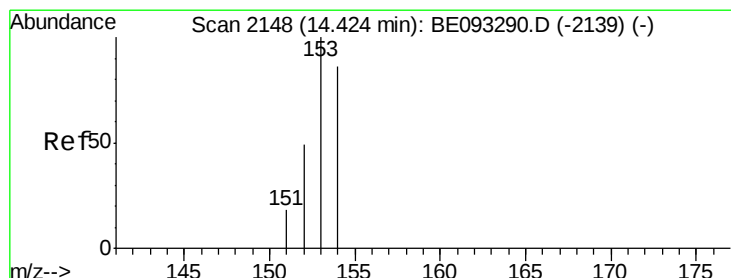
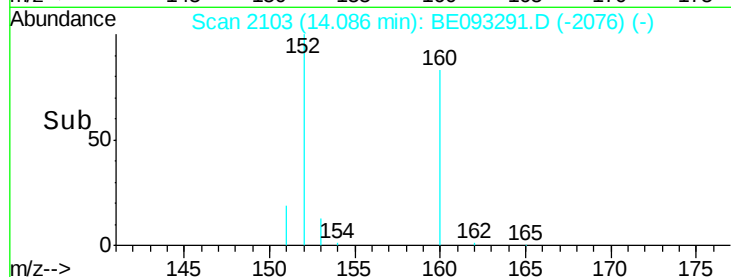
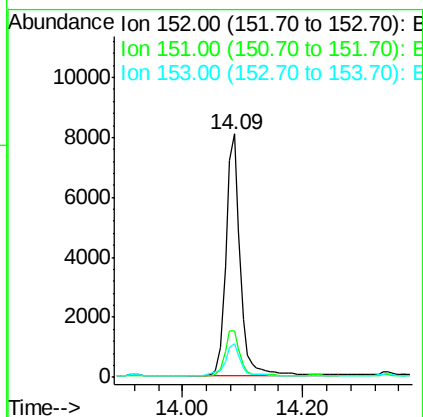
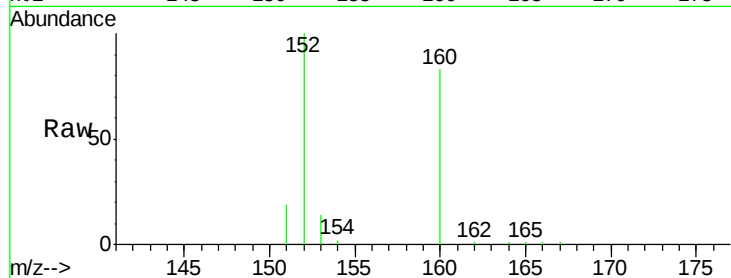
Tgt Ion:152 Resp: 13322

Ion Ratio Lower Upper

152 100

151 19.3 17.1 25.7

153 14.0 12.8 19.2



#8

Acenaphthene

Concen: 1.73 ng/ul

RT: 14.42 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BE093291.D

Acq: 20 Jun 2017 21:00

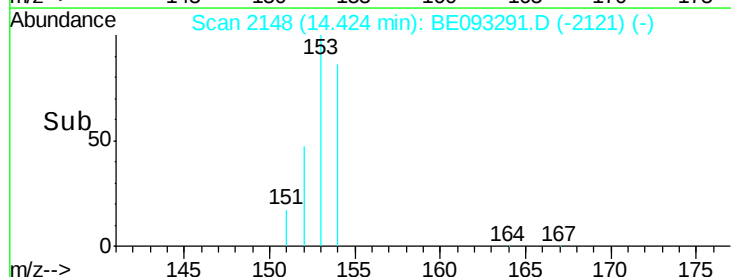
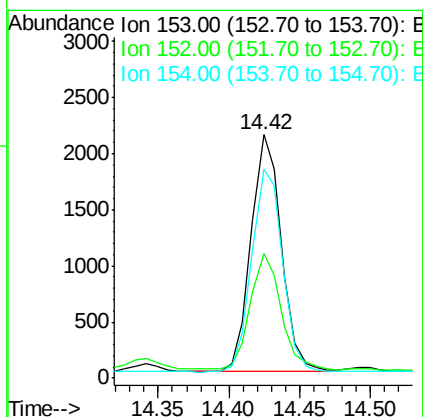
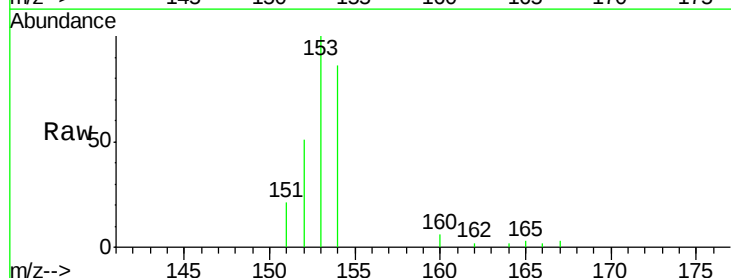
Tgt Ion:153 Resp: 3169

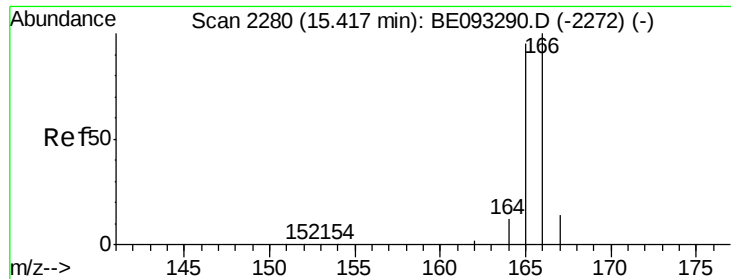
Ion Ratio Lower Upper

153 100

152 51.4 40.3 60.5

154 86.1 71.4 107.2





#9

Fluorene

Concen: 2.57 ng/ul

RT: 15.42 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE093291.D

Acq: 20 Jun 2017 21:00

Instrument :

BNA_E

ClientSampleId :

F5A08

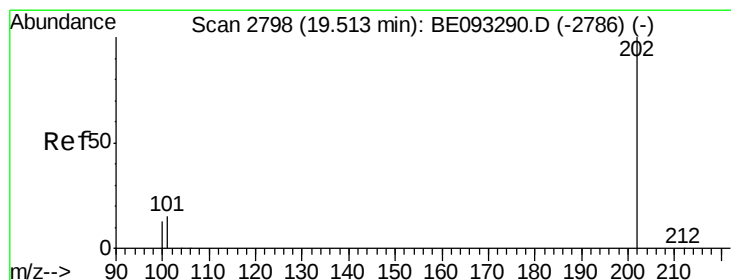
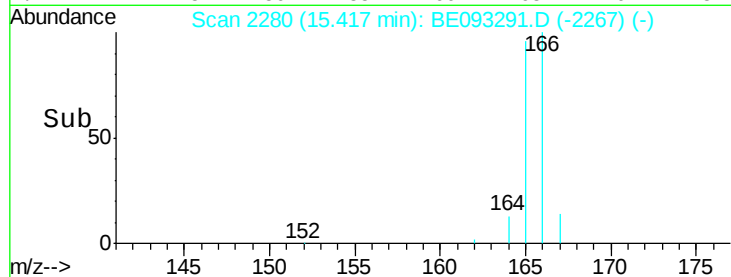
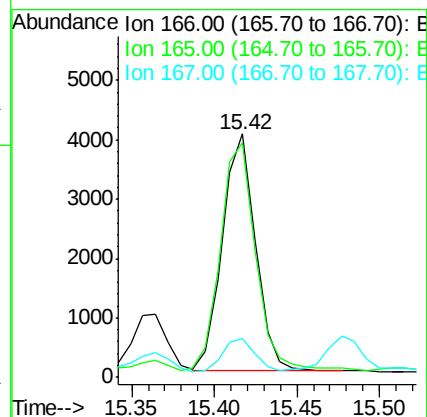
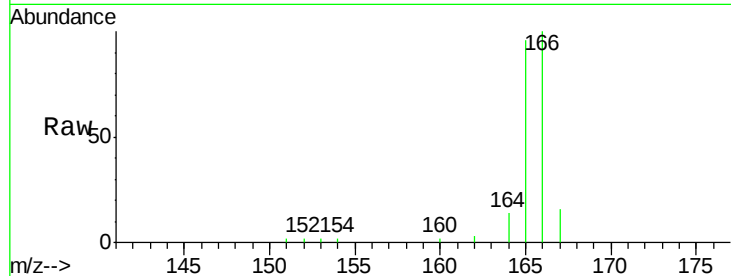
Tgt Ion:166 Resp: 5518

Ion Ratio Lower Upper

166 100

165 96.4 73.4 110.2

167 15.8 14.6 22.0



#17

Pyrene

Concen: 371.20 ng/ul

RT: 19.52 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BE093291.D

Acq: 20 Jun 2017 21:00

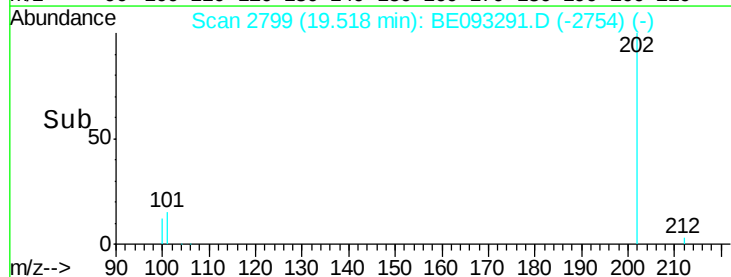
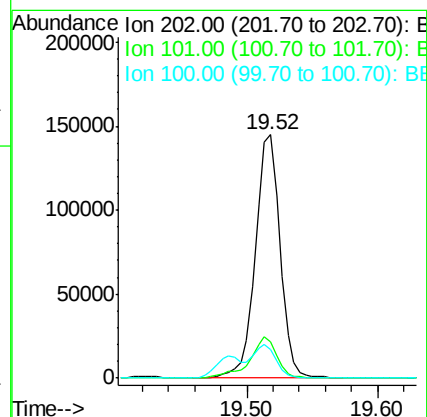
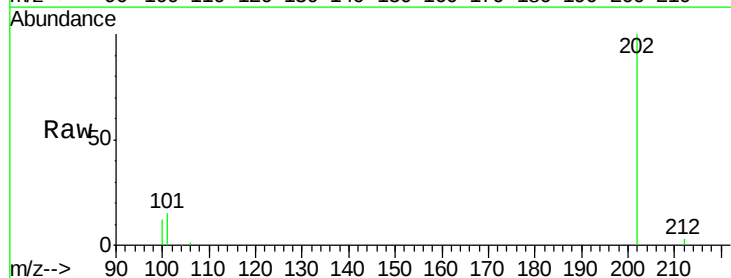
Tgt Ion:202 Resp: 190478

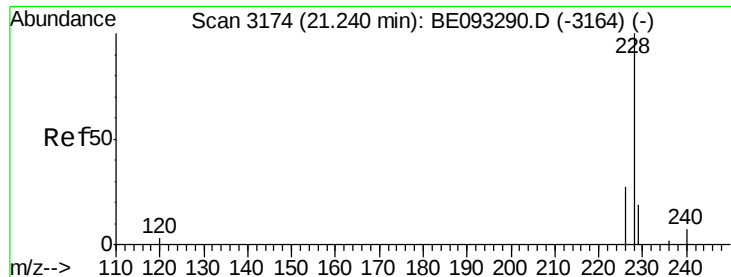
Ion Ratio Lower Upper

202 100

101 14.7 18.2 27.4#

100 11.6 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 210.99 ng/ul

RT: 21.24 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BE093291.D

Acq: 20 Jun 2017 21:00

Instrument :

BNA_E

ClientSampleId :

F5A08

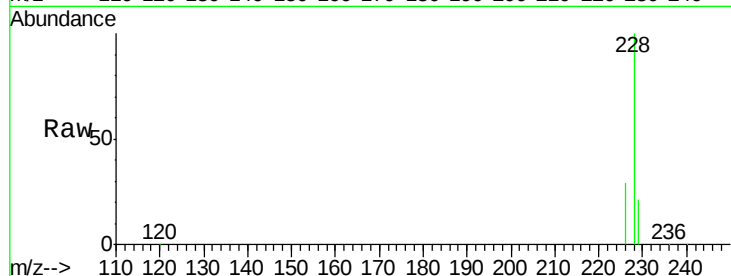
Tgt Ion:228 Resp: 97928

Ion Ratio Lower Upper

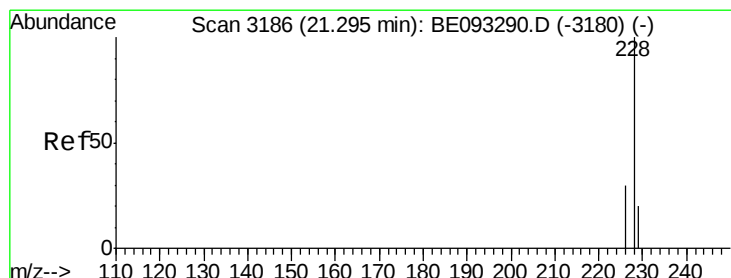
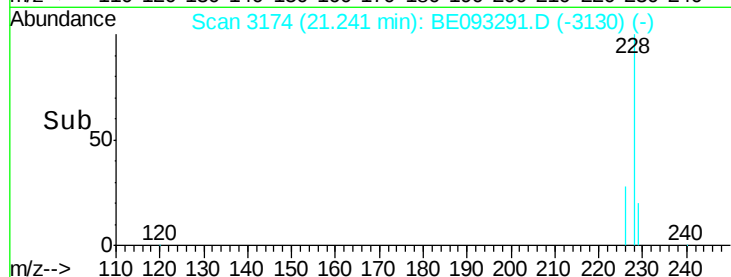
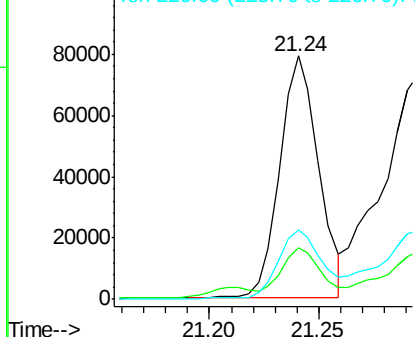
228 100

229 21.0 22.8 34.2#

226 28.8 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: 256.54 ng/ul

RT: 21.30 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BE093291.D

Acq: 20 Jun 2017 21:00

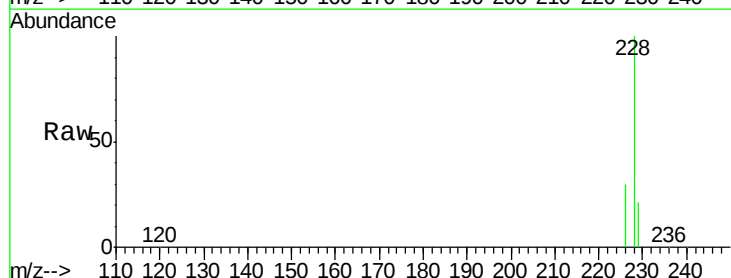
Tgt Ion:228 Resp: 123514

Ion Ratio Lower Upper

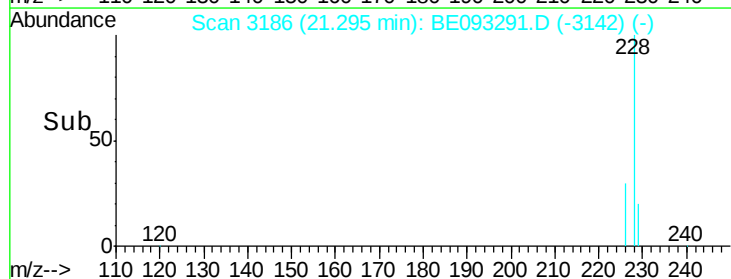
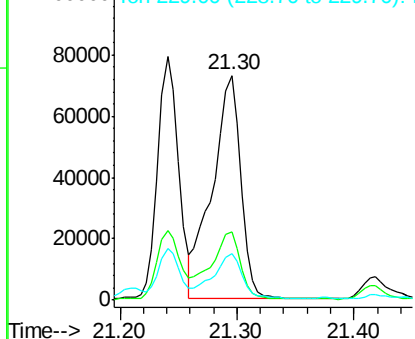
228 100

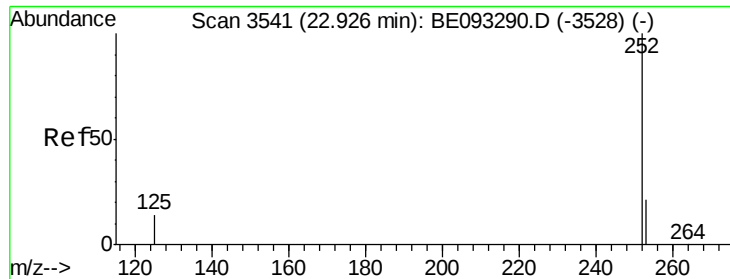
226 30.2 23.4 35.0

229 20.9 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: 0.08 ng/ul

RT: 22.93 min Scan# 3542

Delta R.T. 0.00 min

Lab File: BE093291.D

Acq: 20 Jun 2017 21:00

Instrument :

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ClientSampleId :

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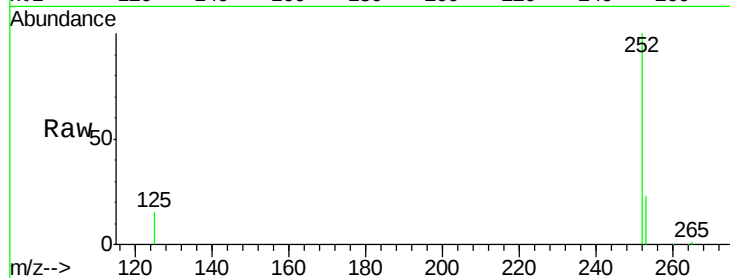
Tgt Ion:252 Resp: 180566

Ion Ratio Lower Upper

252 100

253 22.8 0.0 64.2

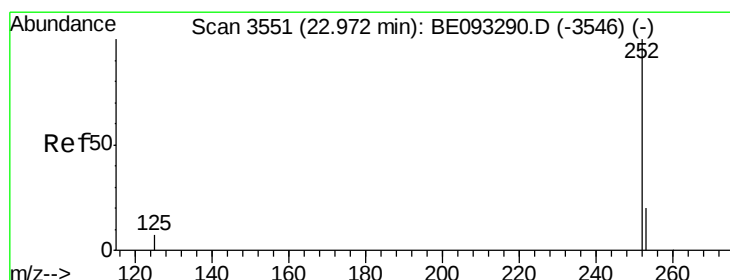
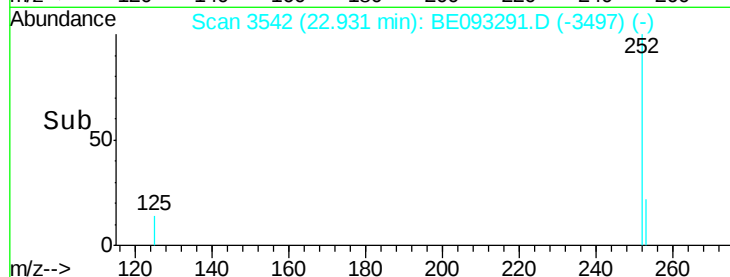
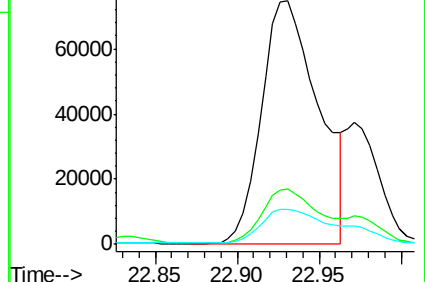
125 14.5 0.0 35.0



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: 0.10 ng/ul

RT: 22.93 min Scan# 3542

Delta R.T. -0.04 min

Lab File: BE093291.D

Acq: 20 Jun 2017 21:00

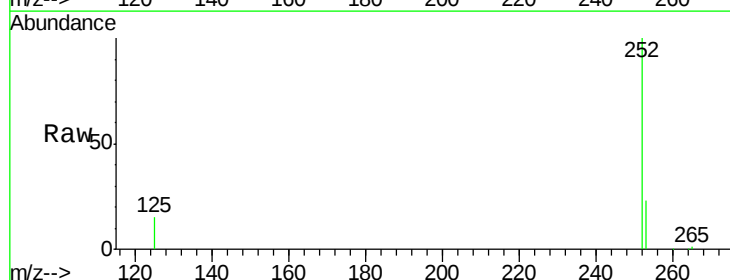
Tgt Ion:252 Resp: 233042

Ion Ratio Lower Upper

252 100

253 22.8 24.5 36.7#

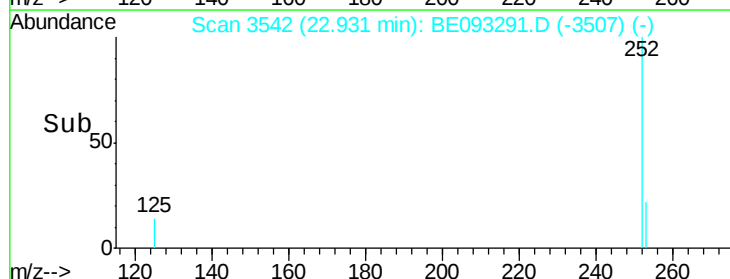
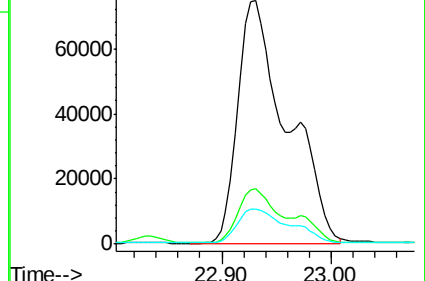
125 14.5 13.7 20.5

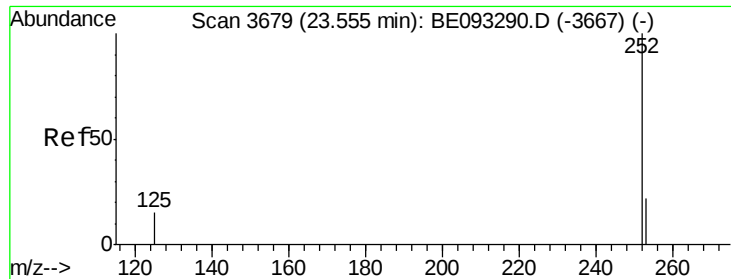


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.04 ng/ul

RT: 23.45 min Scan# 3657

Delta R.T. -0.10 min

Lab File: BE093291.D

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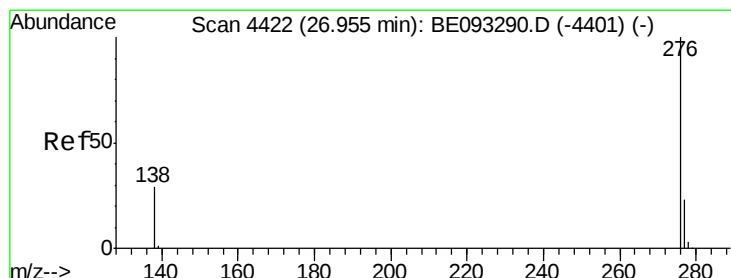
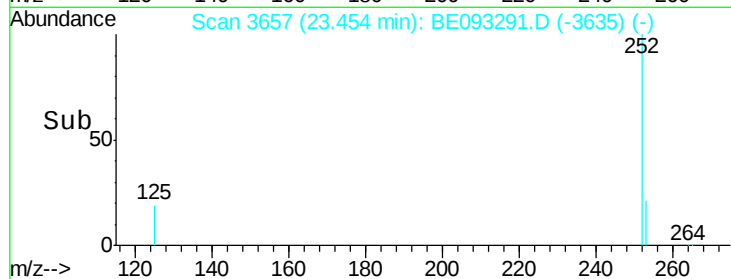
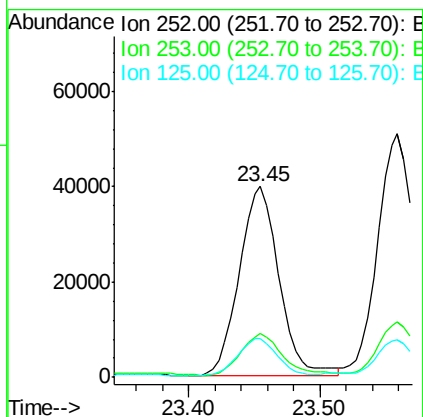
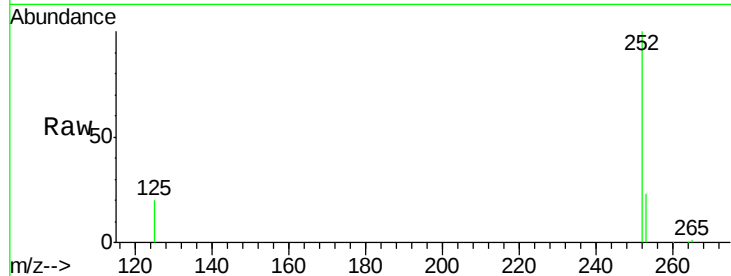
Tgt Ion:252 Resp: 84120

Ion Ratio Lower Upper

252 100

253 22.7 28.5 42.7#

125 20.2 18.1 27.1



#26

Benzo(g,h,i)perylene

Concen: 0.02 ng/ul

RT: 26.96 min Scan# 4422

Delta R.T. 0.00 min

Lab File: BE093291.D

Acq: 20 Jun 2017 21:00

Tgt Ion:276 Resp: 42786

Ion Ratio Lower Upper

276 100

138 30.2 21.8 32.8

277 24.8 20.5 30.7

