

Data File : BE093150.D
Acq On : 14 Jun 2017 3:03
Operator : SJ/MA
Sample : I3558-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5C65

Quant Time: Jun 14 08:40:05 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 14 08:39:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	5356	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	26362	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	16005	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	38548	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	40515	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	1934455	0.40	ng/ul	-0.15

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	9382	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	25423	0.24	ng/ul	0.00

Target Compounds				Qvalue		
3) Naphthalene	10.57	128	9277	0.14	ng/ul#	93
5) 2-Methylnaphthalene	12.19	142	3047	0.07	ng/ul	98
8) Acenaphthene	14.43	153	7422	0.13	ng/ul	97
9) Fluorene	15.42	166	12486	0.19	ng/ul	92
12) Phenanthrene	17.13	178	38919	0.37	ng/ul#	86
13) Anthracene	17.22	178	8098	0.09	ng/ul#	94
15) Fluoranthene	19.15	202	25723	0.20	ng/ul	84
17) Pyrene	19.52	202	23305	0.20	ng/ul#	85
18) Benzo(a)anthracene	21.24	228	3684	0.03	ng/ul#	86
19) Chrysene	21.29	228	3505	0.03	ng/ul	96

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

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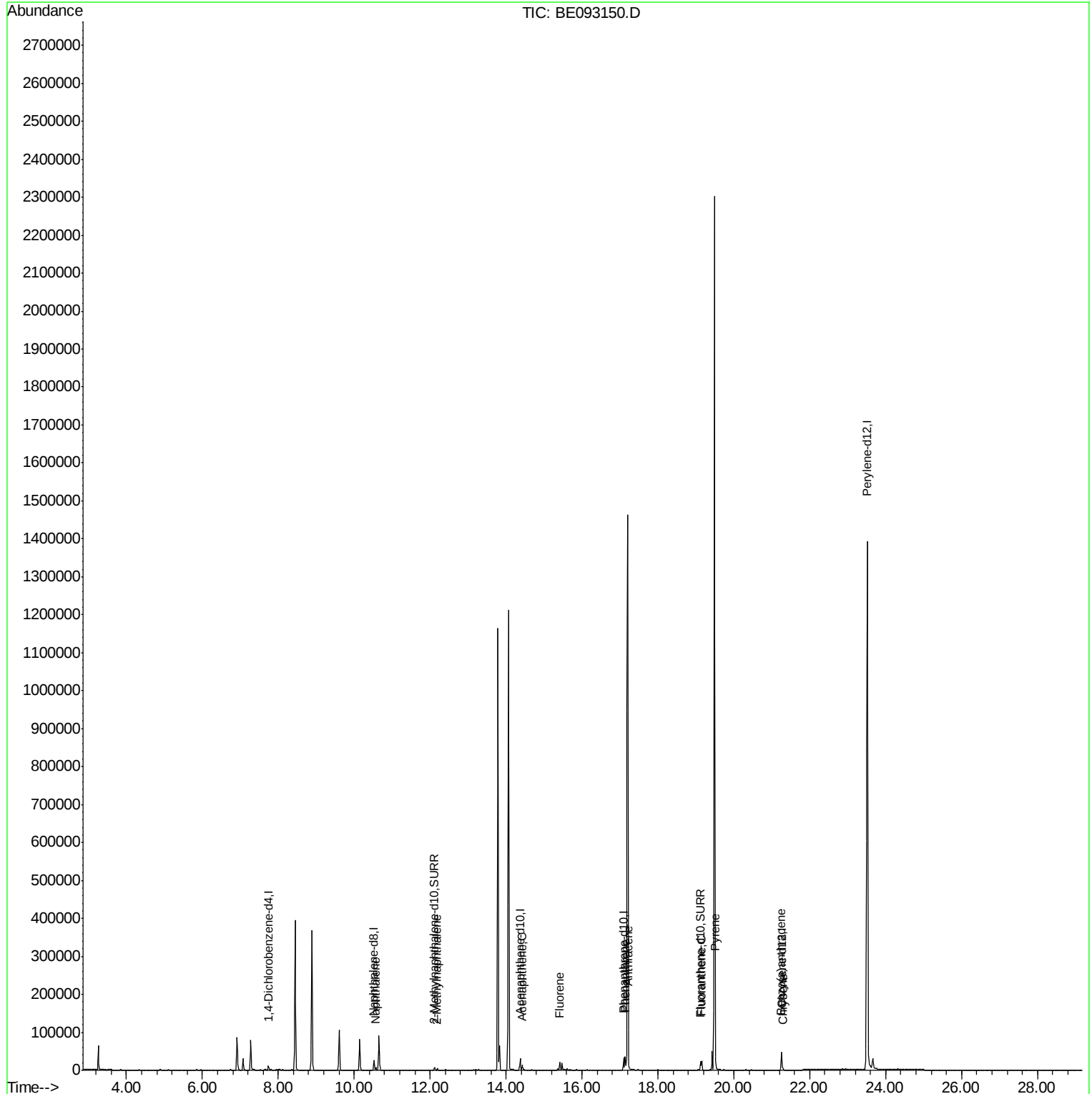
Quant Time: Jun 14 08:40:05 2017

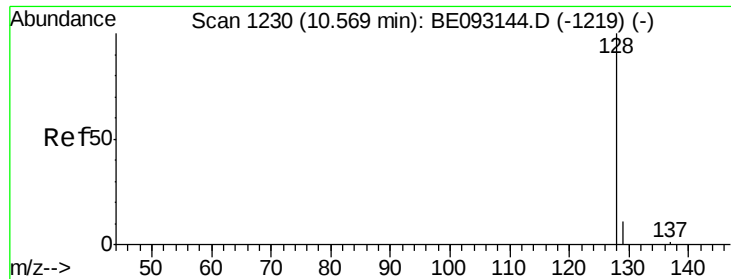
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

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QLast Update : Wed Jun 14 08:39:04 2017

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#3

Naphthalene

Concen: 0.14 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BE093150.D

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Instrument :

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ClientSampleId :

F5C65

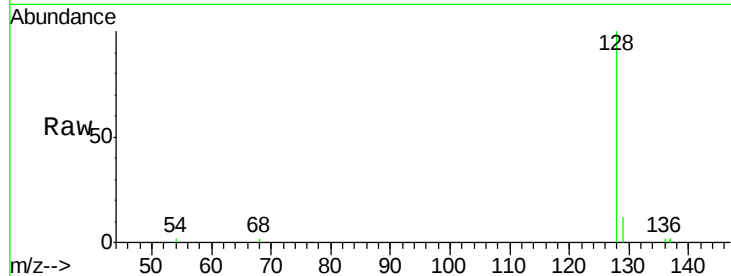
Tgt Ion:128 Resp: 9277

Ion Ratio Lower Upper

128 100

129 12.4 11.3 16.9

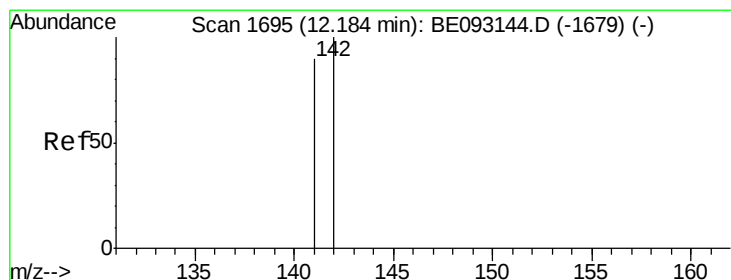
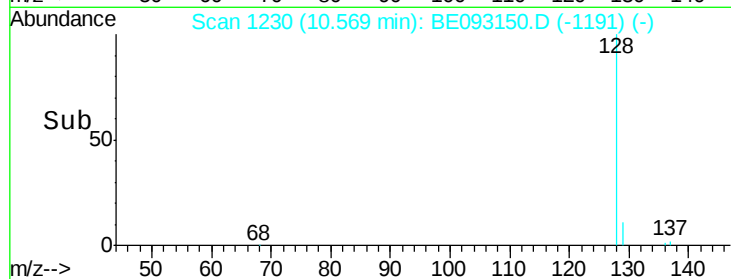
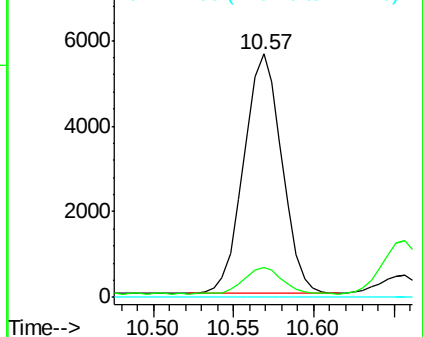
127 0.0 4.0 6.0#



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: 0.07 ng/ul

RT: 12.19 min Scan# 1695

Delta R.T. 0.00 min

Lab File: BE093150.D

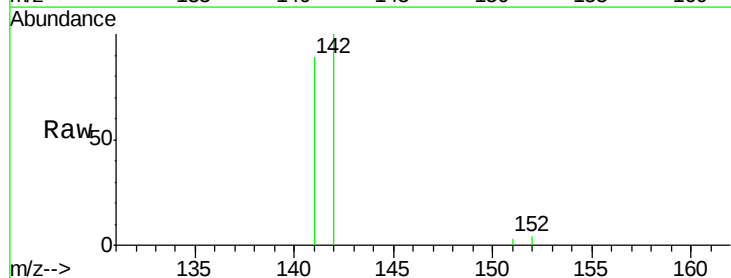
Acq: 14 Jun 2017 3:03

Tgt Ion:142 Resp: 3047

Ion Ratio Lower Upper

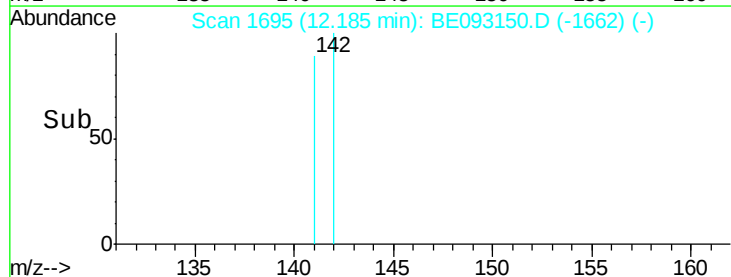
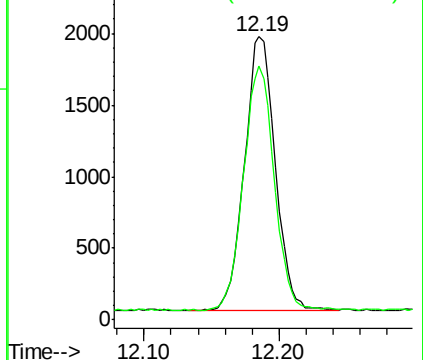
142 100

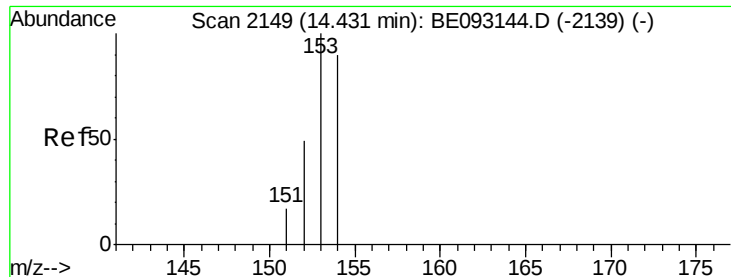
141 88.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.13 ng/ul

RT: 14.43 min Scan# 2148

Delta R.T. -0.00 min

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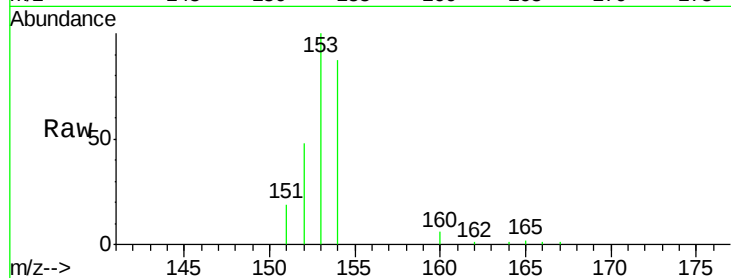
Tgt Ion:153 Resp: 7422

Ion Ratio Lower Upper

153 100

152 47.9 40.3 60.5

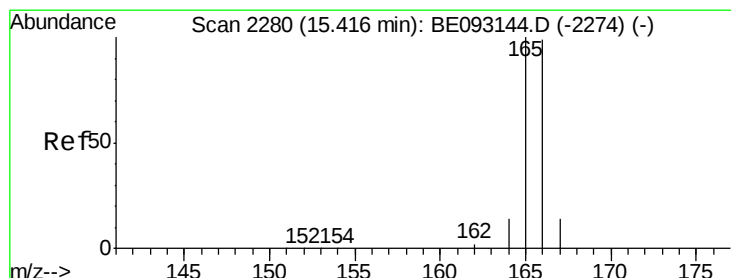
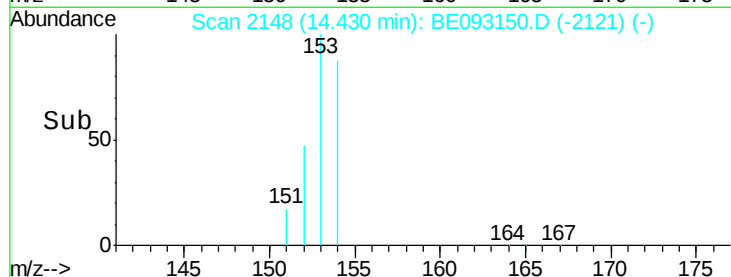
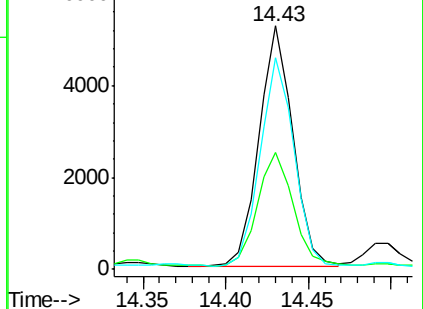
154 86.8 71.4 107.2



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: 0.19 ng/ul

RT: 15.42 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BE093150.D

Acq: 14 Jun 2017 3:03

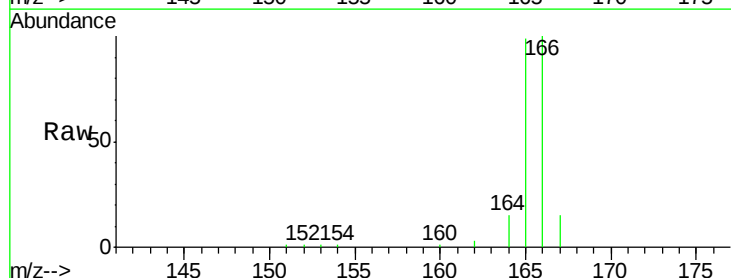
Tgt Ion:166 Resp: 12486

Ion Ratio Lower Upper

166 100

165 99.4 73.4 110.2

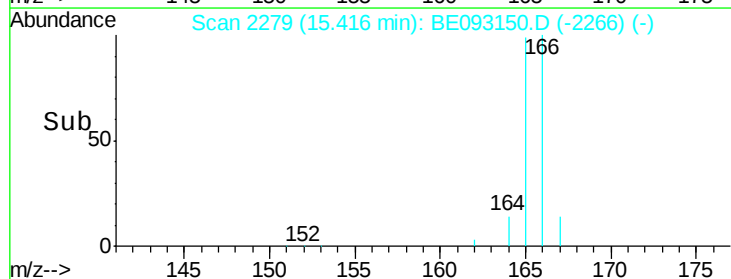
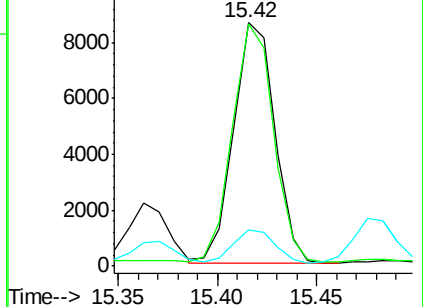
167 15.0 14.6 22.0

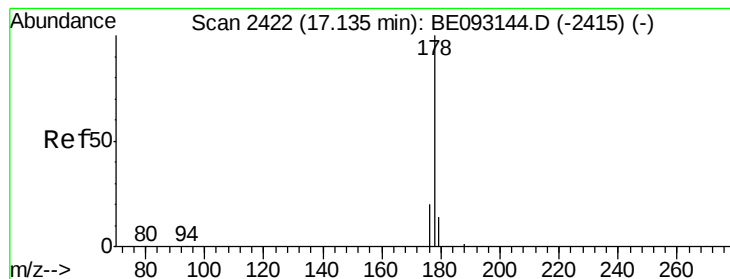


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.37 ng/ul

RT: 17.13 min Scan# 2421

Delta R.T. -0.00 min

Lab File: BE093150.D

Acq: 14 Jun 2017 3:03

Instrument :

BNA_E

ClientSampleId :

F5C65

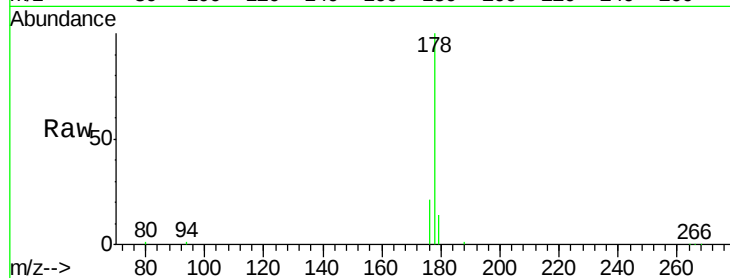
Tgt Ion:178 Resp: 38919

Ion Ratio Lower Upper

178 100

179 14.3 18.4 27.6#

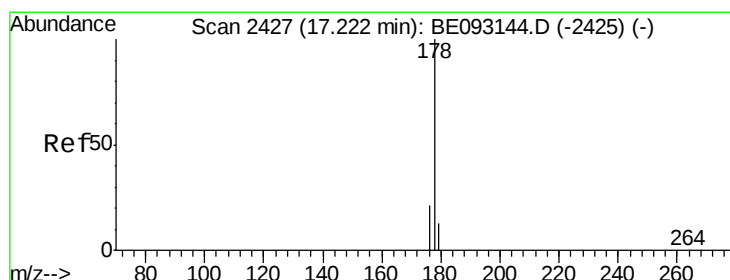
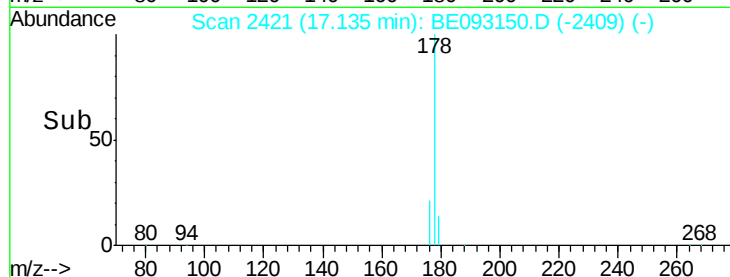
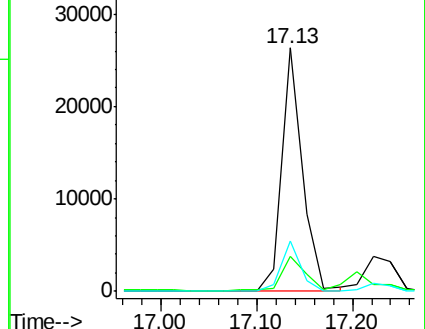
176 20.8 13.6 20.4#



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: 0.09 ng/ul

RT: 17.22 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BE093150.D

Acq: 14 Jun 2017 3:03

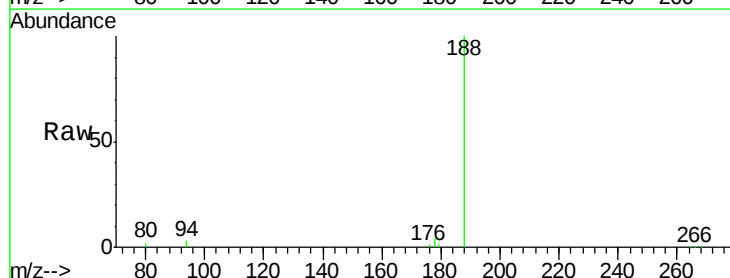
Tgt Ion:178 Resp: 8098

Ion Ratio Lower Upper

178 100

179 21.3 18.1 27.1

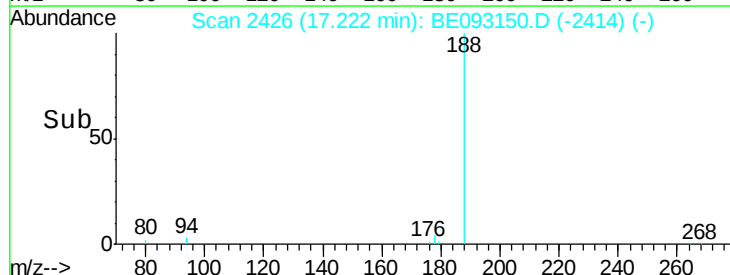
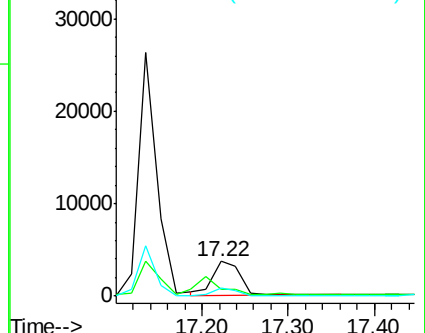
176 23.3 14.7 22.1#

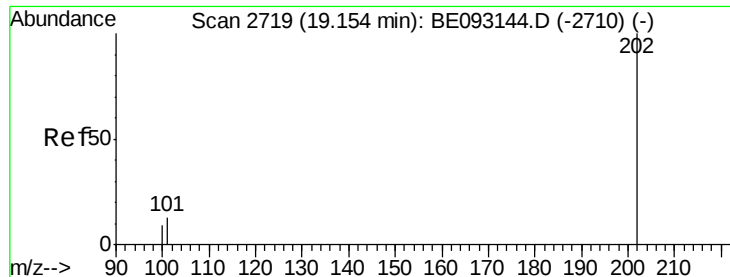


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

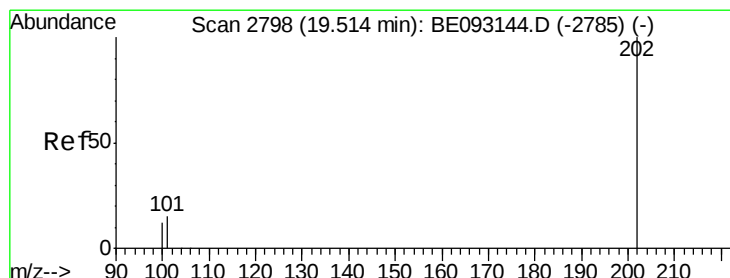
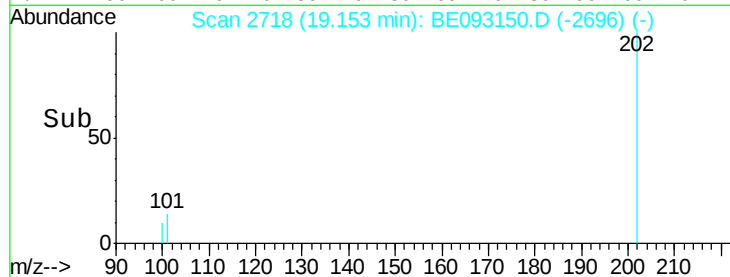
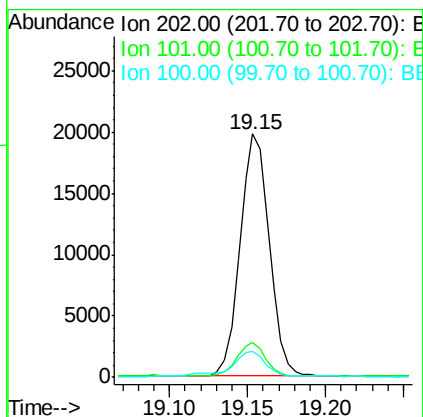
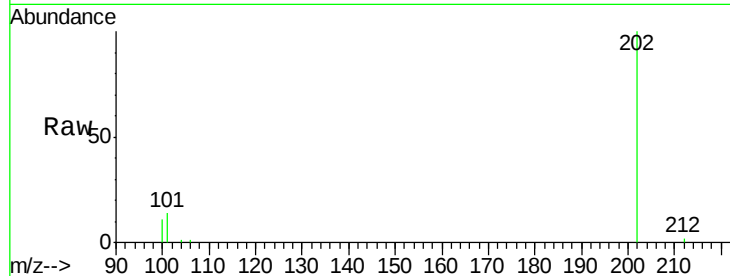




#15
Fluoranthene
Concen: 0.20 ng/ul
RT: 19.15 min Scan# 2718
Delta R.T. -0.00 min
Lab File: BE093150.D
Acq: 14 Jun 2017 3:03

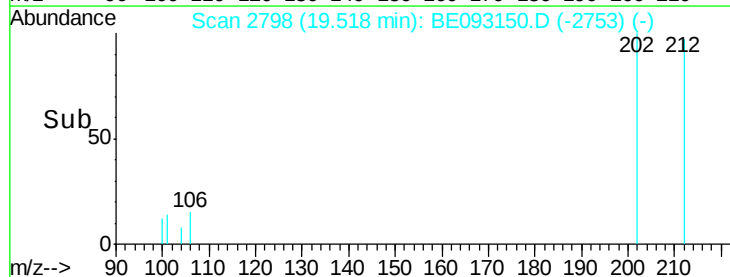
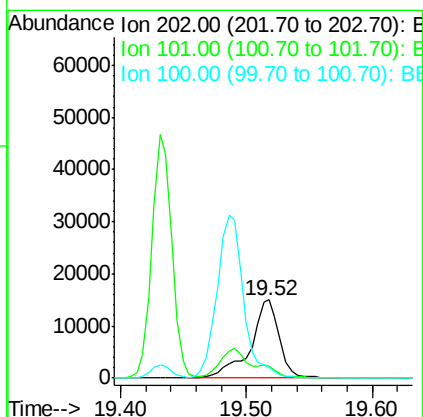
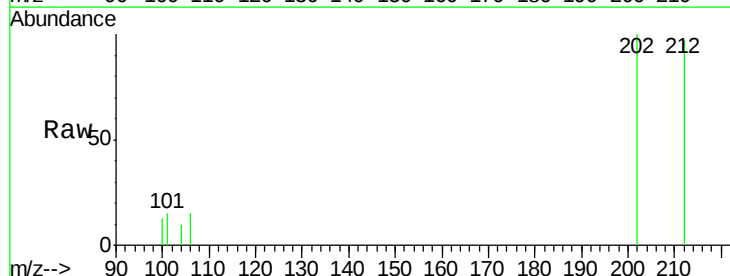
Instrument :
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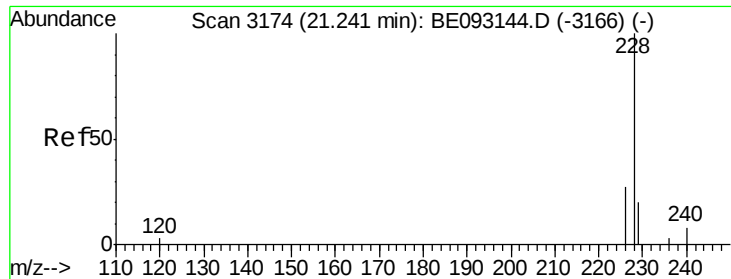
Tgt Ion:202 Resp: 25723
Ion Ratio Lower Upper
202 100
101 14.2 0.0 30.3
100 10.5 0.0 39.5



#17
Pyrene
Concen: 0.20 ng/ul
RT: 19.52 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BE093150.D
Acq: 14 Jun 2017 3:03

Tgt Ion:202 Resp: 23305
Ion Ratio Lower Upper
202 100
101 14.9 18.2 27.4#
100 12.9 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.03 ng/ul

RT: 21.24 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BE093150.D

Acq: 14 Jun 2017 3:03

Instrument :

BNA_E

ClientSampleId :

F5C65

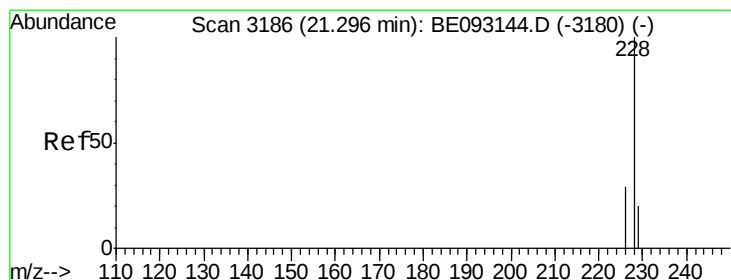
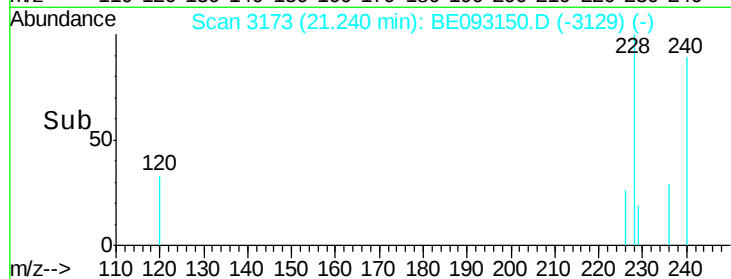
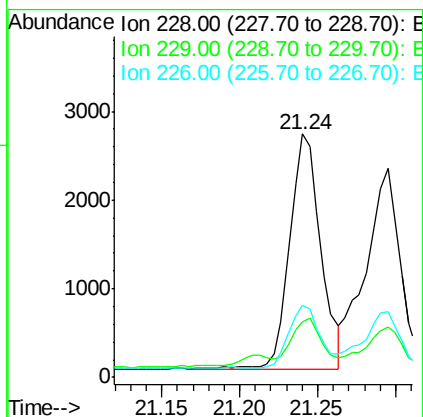
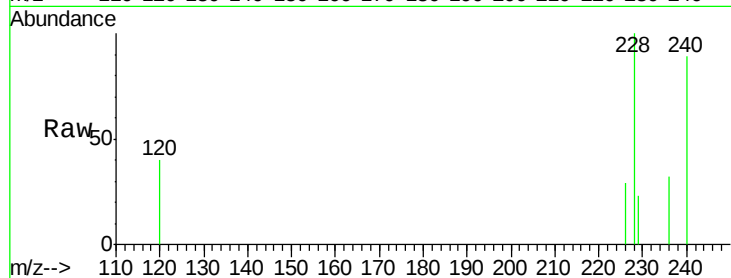
Tgt Ion:228 Resp: 3684

Ion Ratio Lower Upper

228 100

229 22.5 22.8 34.2#

226 29.4 17.0 25.6#



#19

Chrysene

Concen: 0.03 ng/ul

RT: 21.29 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BE093150.D

Acq: 14 Jun 2017 3:03

Tgt Ion:228 Resp: 3505

Ion Ratio Lower Upper

228 100

226 31.4 23.4 35.0

229 24.0 17.7 26.5

