

Data File : BE093311.D
Acq On : 21 Jun 2017 11:47
Operator : SJ/JU
Sample : I3625-12DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5C79DL

Quant Time: Jun 22 02:11:11 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 02:10:17 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	1520	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	8093	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	4919	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	11930	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	11779	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	10961	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	539	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	1396	0.04	ng/ul	0.00

Target Compounds				Qvalue		
3) Naphthalene	10.56	128	38580	1.92	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	5488	0.40	ng/ul	99
7) Acenaphthylene	14.08	152	228	0.01	ng/ul#	39
8) Acenaphthene	14.42	153	4024	0.24	ng/ul	98
9) Fluorene	15.41	166	3103	0.16	ng/ul	93
12) Phenanthrene	17.13	178	9847	0.30	ng/ul#	90
13) Anthracene	17.13	178	9837	0.34	ng/ul#	92
15) Fluoranthene	19.15	202	557	0.01	ng/ul	81
17) Pyrene	19.51	202	447	0.01	ng/ul#	84
19) Chrysene	21.29	228	386	0.01	ng/ul#	59
21) Benzo(b)fluoranthene	22.93	252	564	0.02	ng/ul#	23
22) Benzo(k)fluoranthene	22.93	252	564	0.02	ng/ul#	19

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

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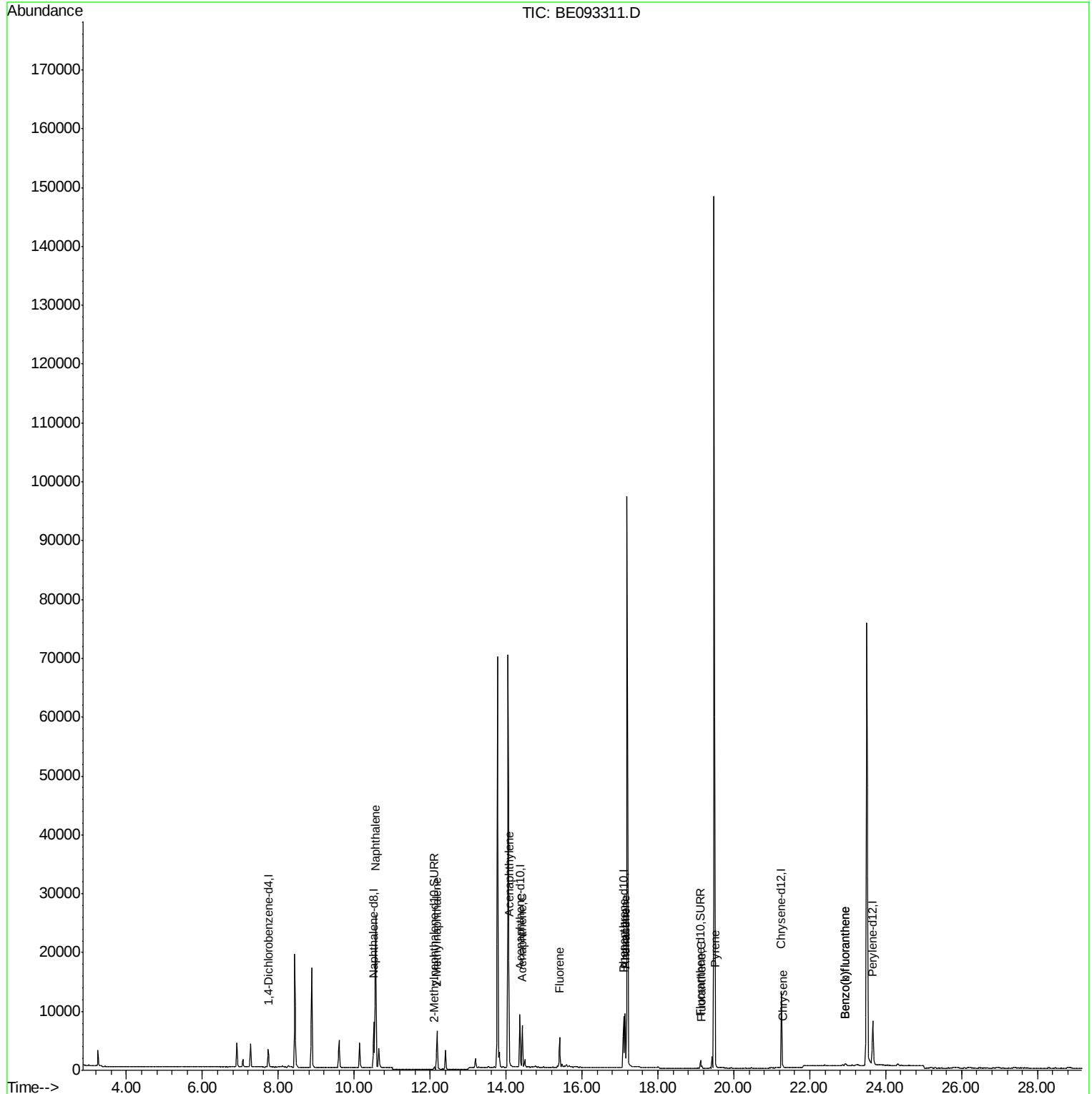
Quant Time: Jun 22 02:11:11 2017

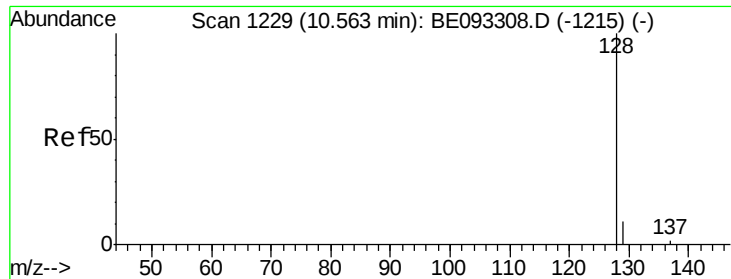
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

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#3

Naphthalene

Concen: 1.92 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. 0.00 min

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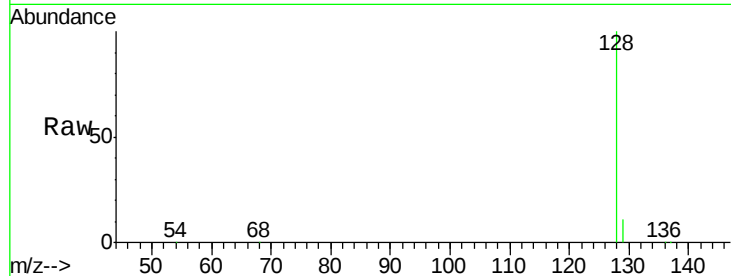
Tgt Ion:128 Resp: 38580

Ion Ratio Lower Upper

128 100

129 11.2 11.3 16.9#

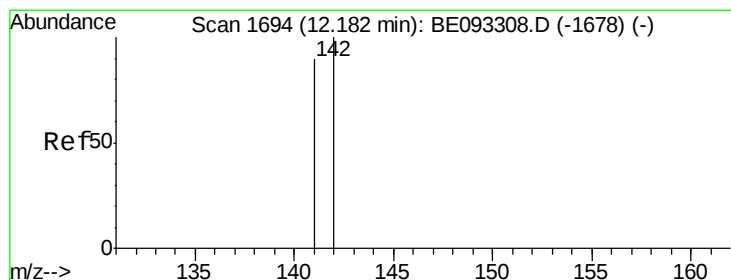
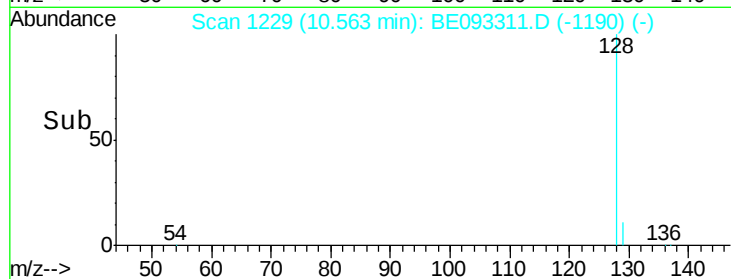
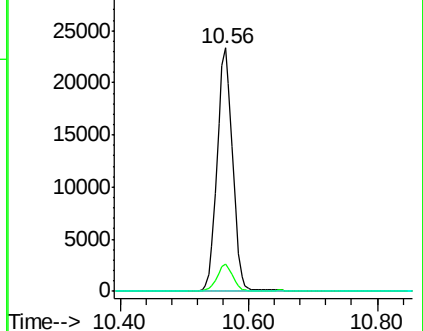
127 0.0 4.0 6.0#



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: 0.40 ng/ul

RT: 12.18 min Scan# 1694

Delta R.T. 0.00 min

Lab File: BE093311.D

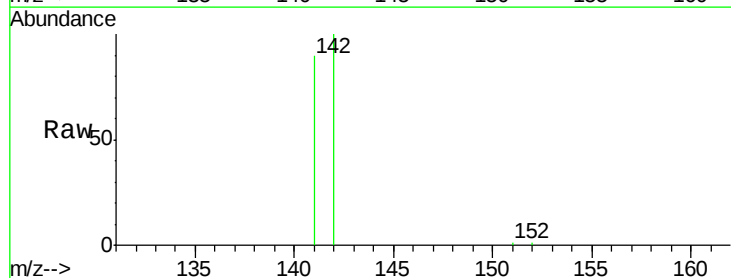
Acq: 21 Jun 2017 11:47

Tgt Ion:142 Resp: 5488

Ion Ratio Lower Upper

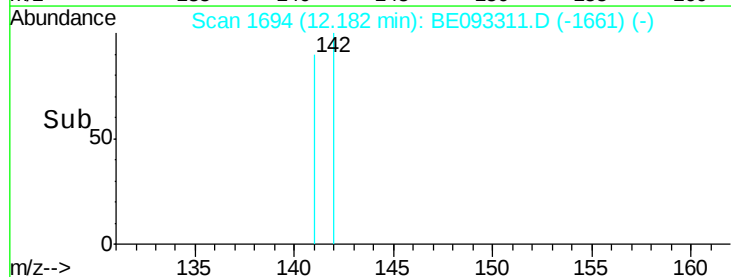
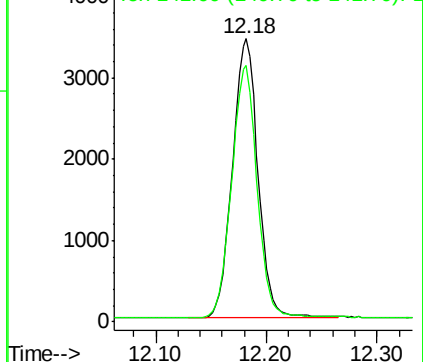
142 100

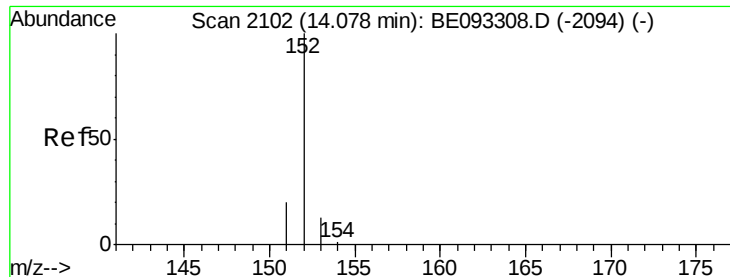
141 89.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.08 min Scan# 2102

Delta R.T. -0.00 min

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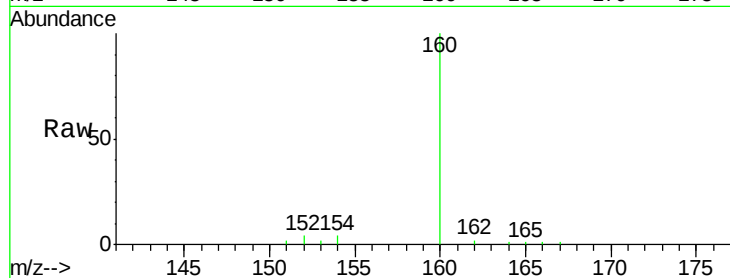
Tgt Ion:152 Resp: 228

Ion Ratio Lower Upper

152 100

151 45.4 17.1 25.7#

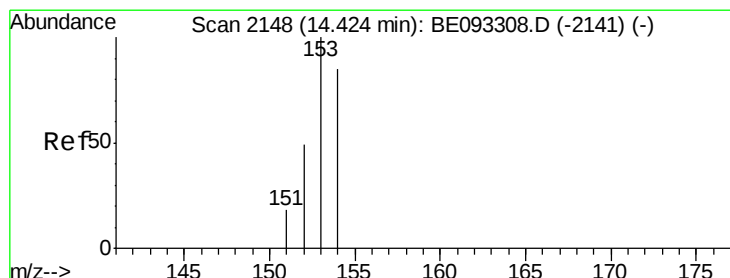
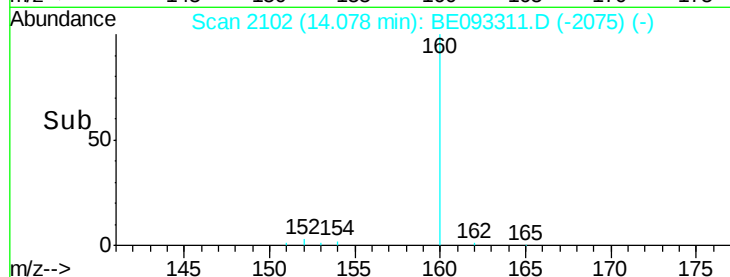
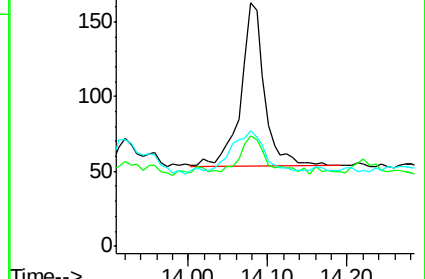
153 47.2 12.8 19.2#



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: 0.24 ng/ul

RT: 14.42 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BE093311.D

Acq: 21 Jun 2017 11:47

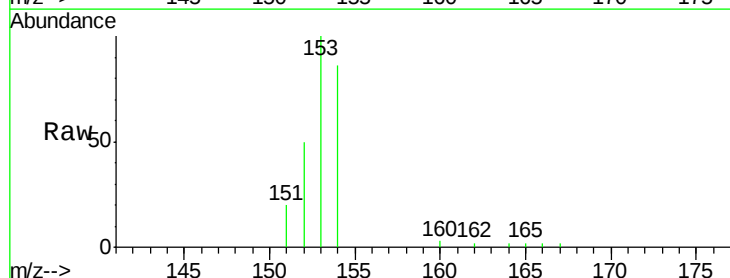
Tgt Ion:153 Resp: 4024

Ion Ratio Lower Upper

153 100

152 49.6 40.3 60.5

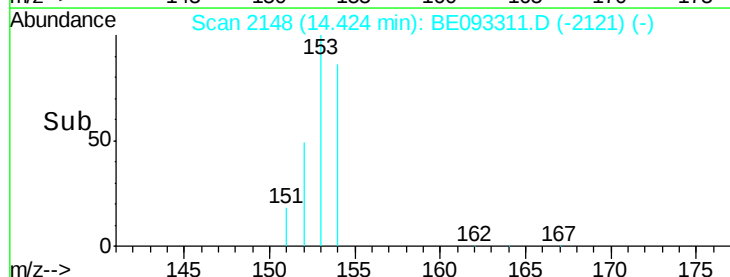
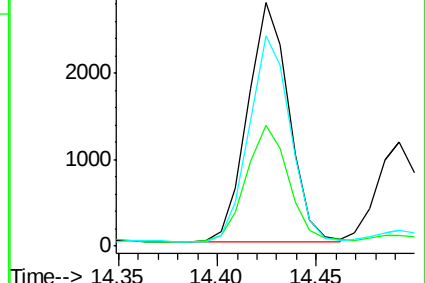
154 86.3 71.4 107.2

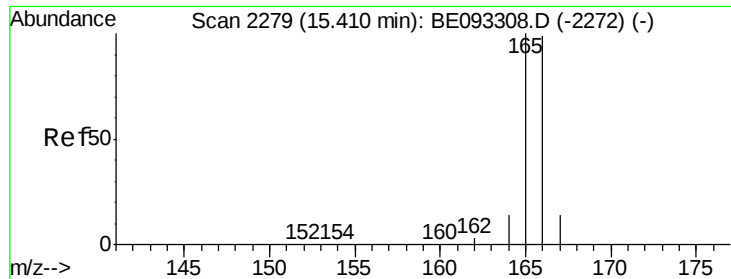


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.16 ng/ul

RT: 15.41 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BE093311.D

Acq: 21 Jun 2017 11:47

Instrument :

BNA_E

ClientSampleId :

F5C79DL

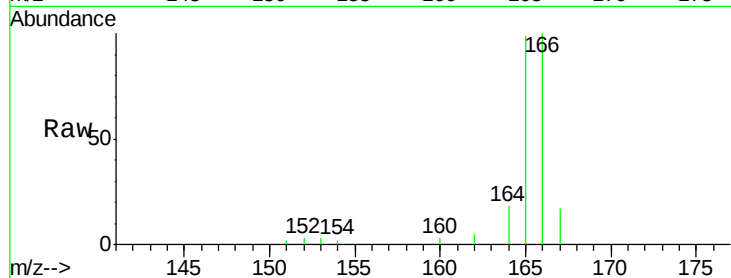
Tgt Ion:166 Resp: 3103

Ion Ratio Lower Upper

166 100

165 99.1 73.4 110.2

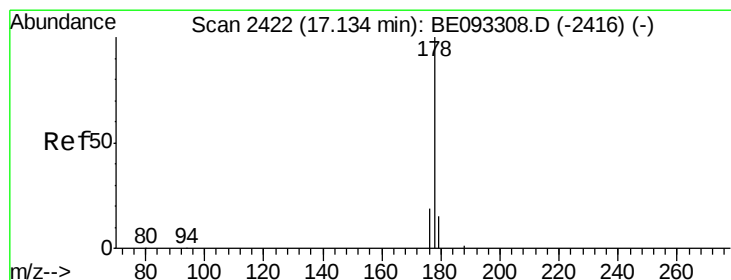
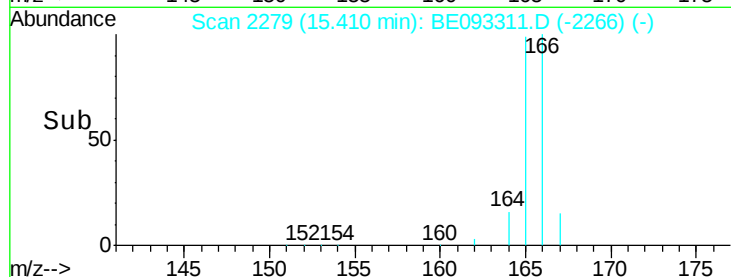
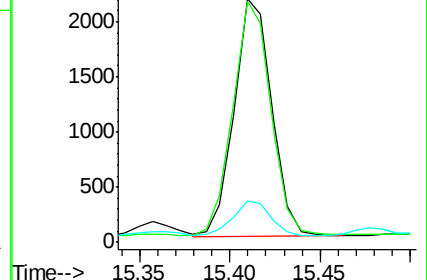
167 16.9 14.6 22.0



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: 0.30 ng/ul

RT: 17.13 min Scan# 2422

Delta R.T. 0.00 min

Lab File: BE093311.D

Acq: 21 Jun 2017 11:47

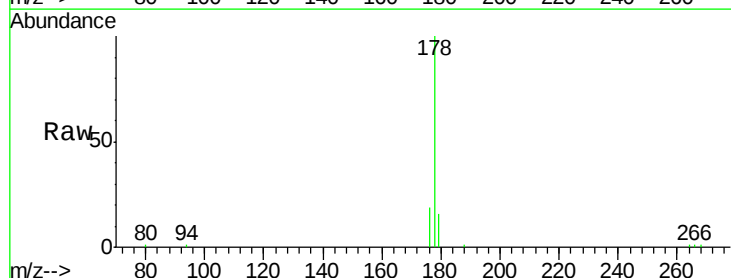
Tgt Ion:178 Resp: 9847

Ion Ratio Lower Upper

178 100

179 16.0 18.4 27.6#

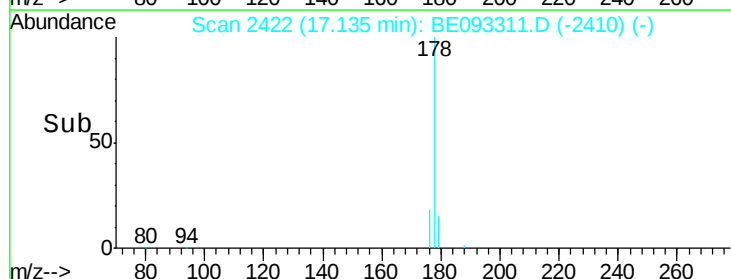
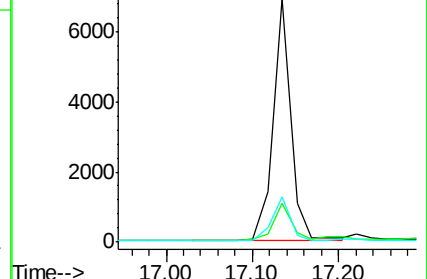
176 18.7 13.6 20.4

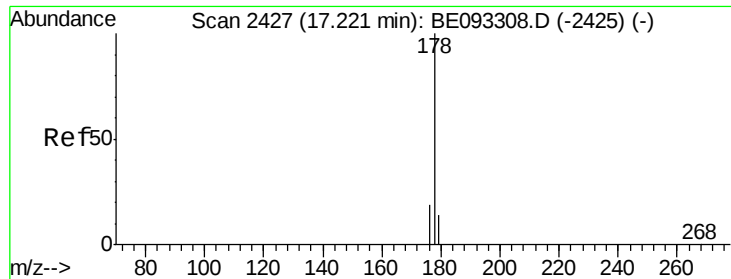


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.34 ng/ul

RT: 17.13 min Scan# 2422

Delta R.T. -0.09 min

Lab File: BE093311.D

Acq: 21 Jun 2017 11:47

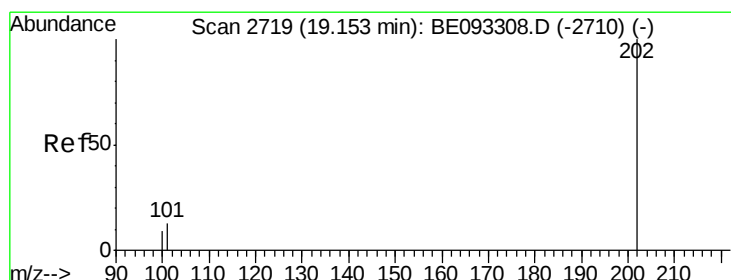
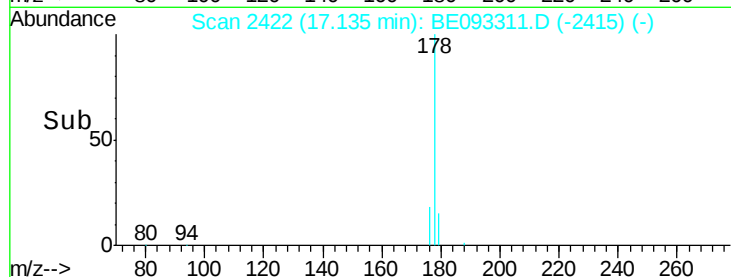
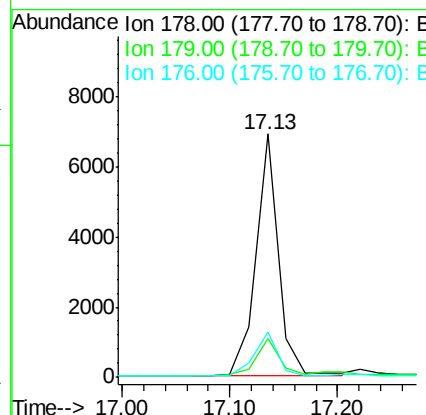
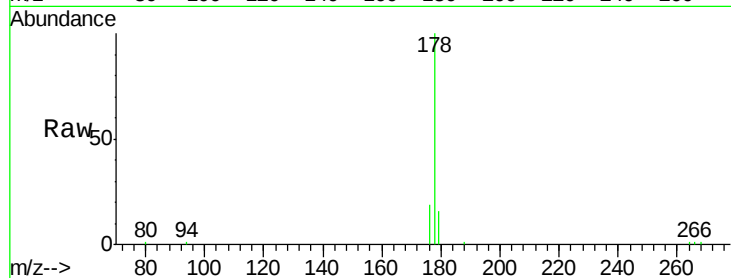
Instrument :

BNA_E

ClientSampleId :

F5C79DL

Tgt Ion:	178	Resp:	9837
Ion	Ratio	Lower	Upper
178	100		
179	16.0	18.1	27.1#
176	18.7	14.7	22.1



#15

Fluoranthene

Concen: 0.01 ng/ul

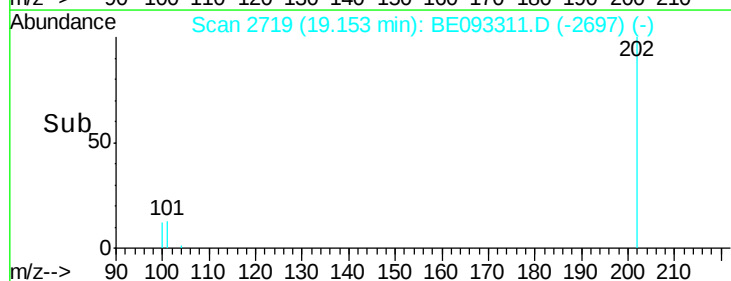
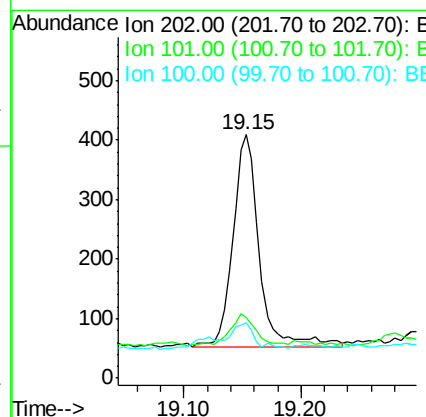
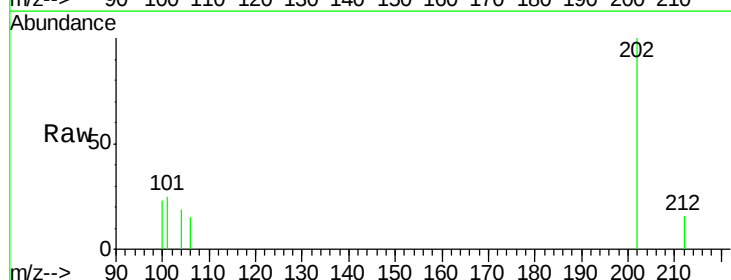
RT: 19.15 min Scan# 2719

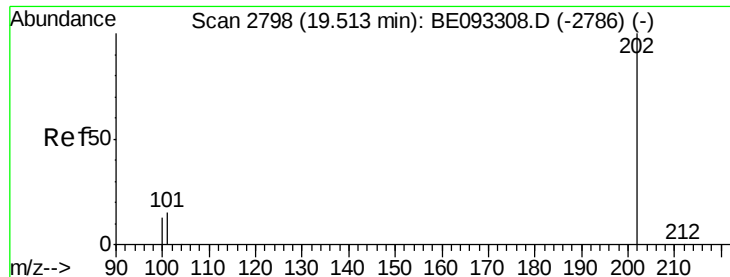
Delta R.T. 0.00 min

Lab File: BE093311.D

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Tgt Ion:	202	Resp:	557
Ion	Ratio	Lower	Upper
202	100		
101	25.2	0.0	30.3
100	23.0	0.0	39.5

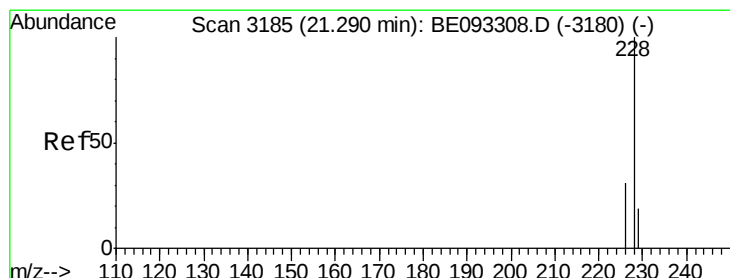
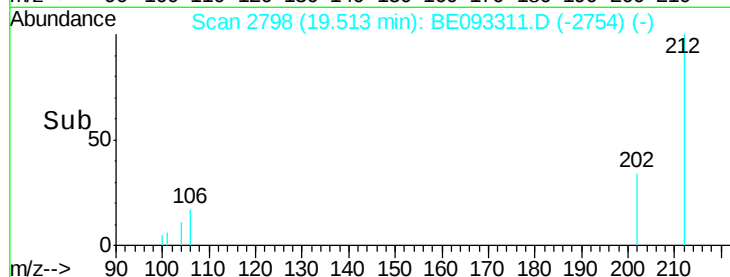
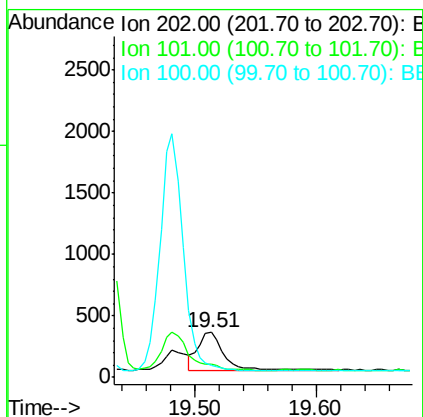
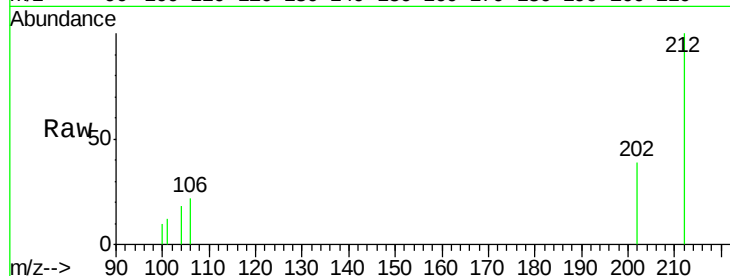




#17
Pyrene
Concen: 0.01 ng/ul
RT: 19.51 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BE093311.D
Acq: 21 Jun 2017 11:47

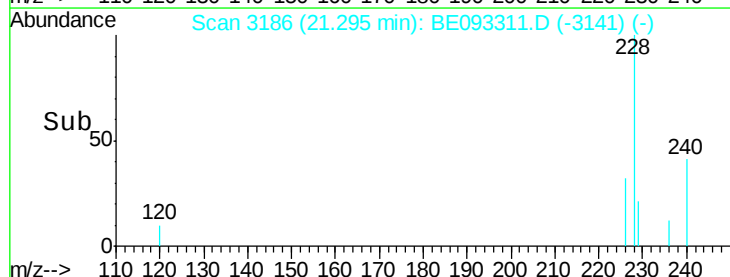
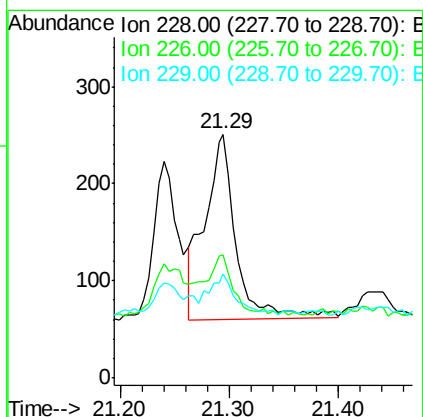
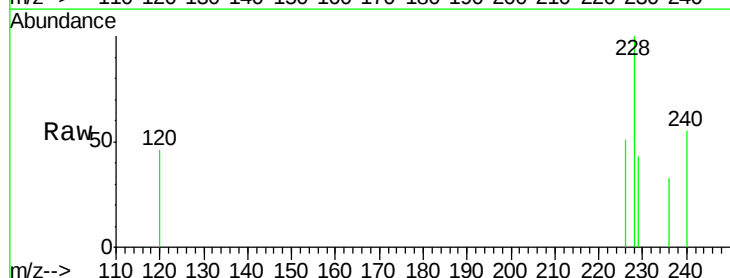
Instrument :
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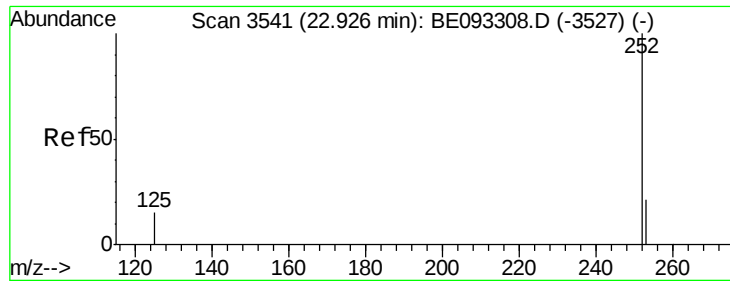
Tgt Ion:202 Resp: 447
Ion Ratio Lower Upper
202 100
101 30.5 18.2 27.4#
100 26.7 15.6 23.4#



#19
Chrysene
Concen: 0.01 ng/ul
RT: 21.29 min Scan# 3186
Delta R.T. 0.00 min
Lab File: BE093311.D
Acq: 21 Jun 2017 11:47

Tgt Ion:228 Resp: 386
Ion Ratio Lower Upper
228 100
226 50.6 23.4 35.0#
229 42.6 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.02 ng/ul

RT: 22.93 min Scan# 3541

Delta R.T. 0.00 min

Lab File: BE093311.D

Acq: 21 Jun 2017 11:47

Instrument :

BNA_E

ClientSampleId :

F5C79DL

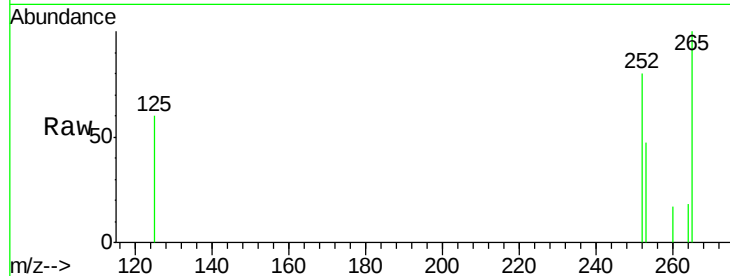
Tgt Ion:252 Resp: 564

Ion Ratio Lower Upper

252 100

253 58.7 0.0 64.2

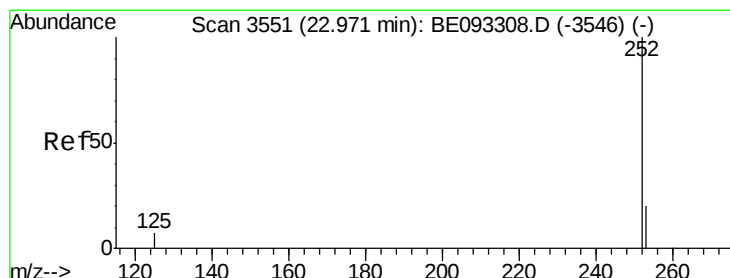
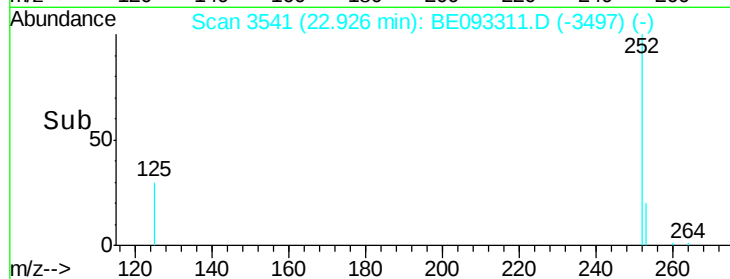
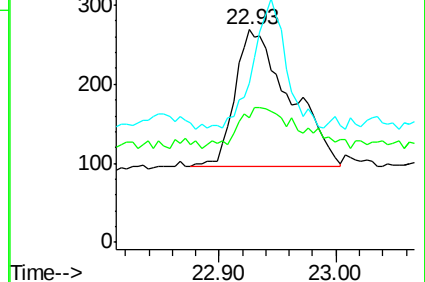
125 74.7 0.0 35.0#



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: 0.02 ng/ul

RT: 22.93 min Scan# 3541

Delta R.T. -0.05 min

Lab File: BE093311.D

Acq: 21 Jun 2017 11:47

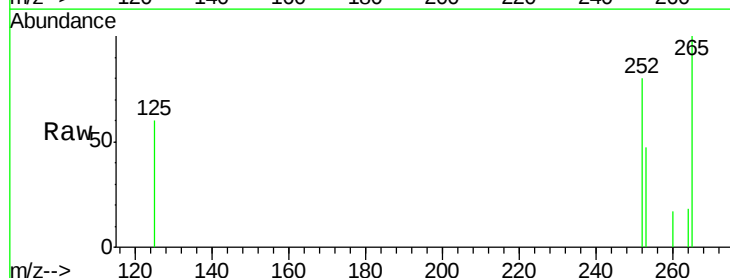
Tgt Ion:252 Resp: 564

Ion Ratio Lower Upper

252 100

253 58.7 24.5 36.7#

125 74.7 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

