

Data File : BE093166.D
Acq On : 14 Jun 2017 12:57
Operator : SJ/MA
Sample : I3520-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A37

Quant Time: Jun 15 02:27:26 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 15 02:27:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3447	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	17320	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	11088	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	25404	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	25486	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	1052945	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	5579	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	15001	0.22	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.57	128	630	0.01	ng/ul#	72
7) Acenaphthylene	14.09	152	573	0.01	ng/ul#	64
12) Phenanthrene	17.13	178	4894	0.07	ng/ul#	90
13) Anthracene	17.22	178	899	0.01	ng/ul#	57
15) Fluoranthene	19.15	202	11694	0.14	ng/ul	84
17) Pyrene	19.51	202	13627	0.18	ng/ul#	91
18) Benzo(a)anthracene	21.24	228	5131	0.08	ng/ul#	86
19) Chrysene	21.29	228	6940	0.10	ng/ul	96

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

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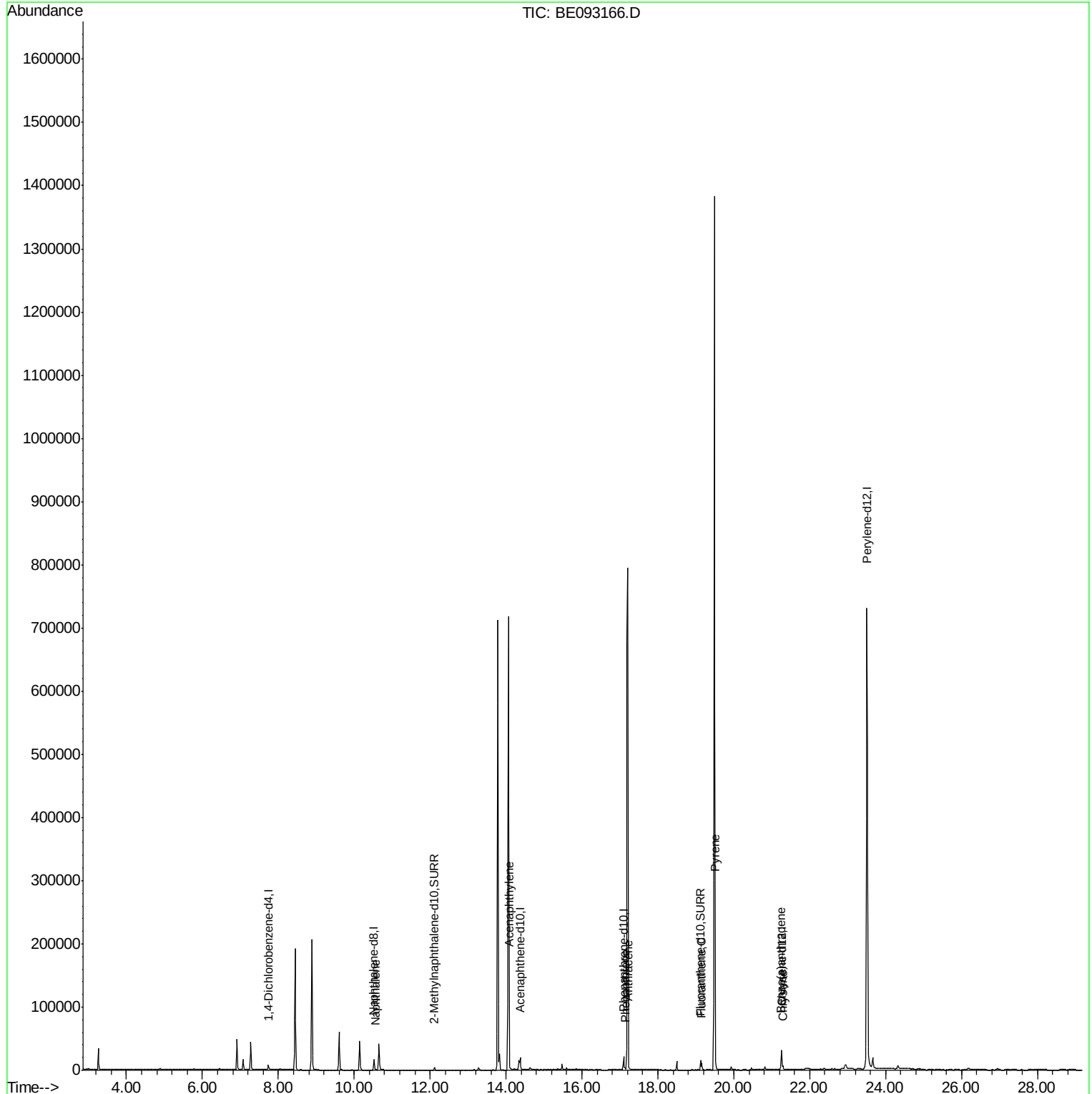
Quant Time: Jun 15 02:27:26 2017

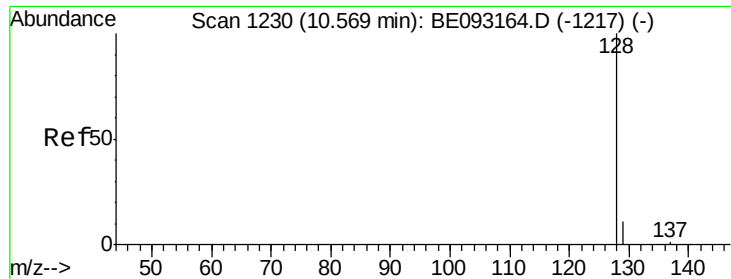
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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#3

Naphthalene

Concen: 0.01 ng/ul

RT: 10.57 min Scan# 1230

Delta R.T. -0.00 min

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Instrument :

BNA_E

ClientSampleId :

F5A37

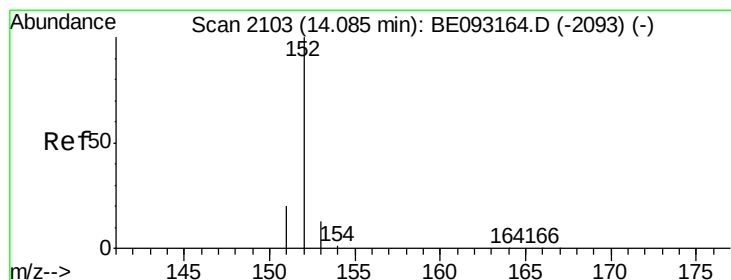
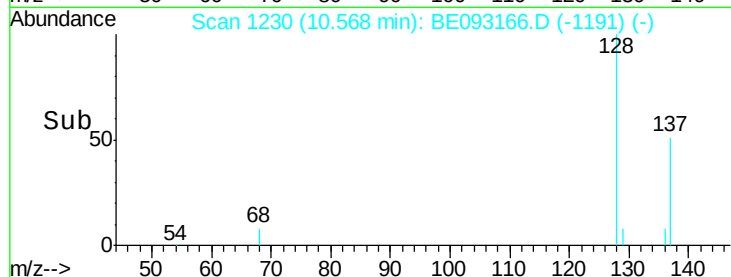
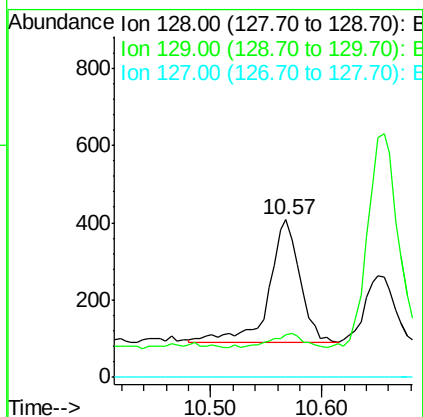
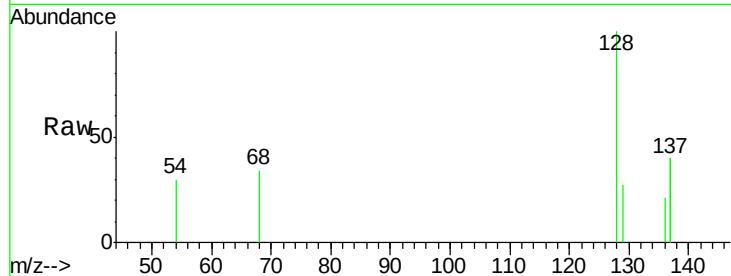
Tgt Ion:128 Resp: 630

Ion Ratio Lower Upper

128 100

129 27.3 11.3 16.9#

127 0.0 4.0 6.0#



#7

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.09 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BE093166.D

Acq: 14 Jun 2017 12:57

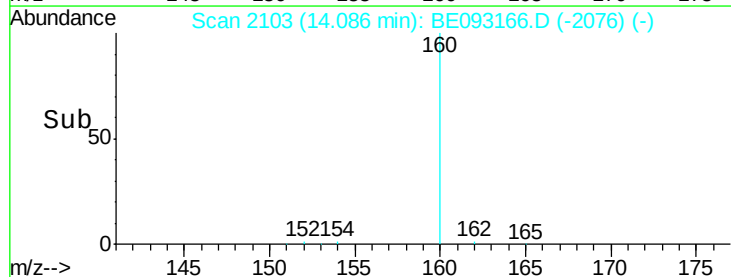
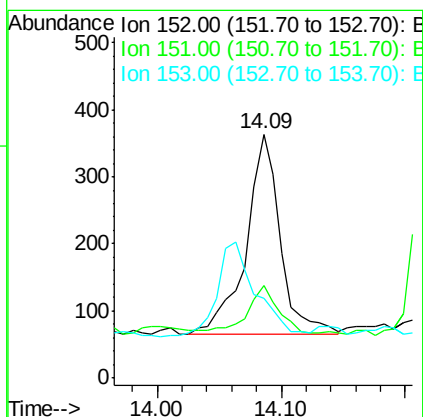
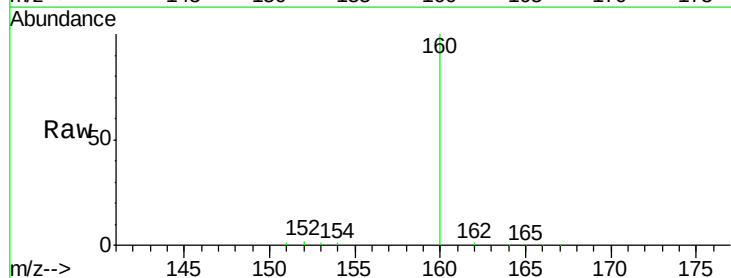
Tgt Ion:152 Resp: 573

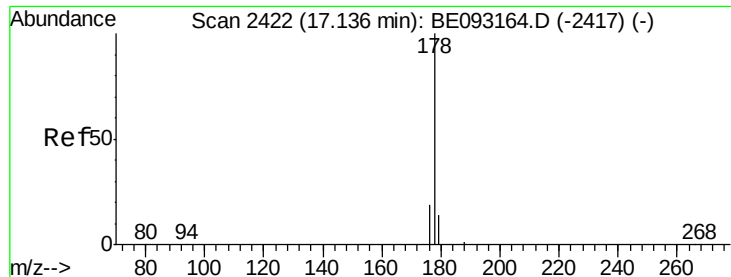
Ion Ratio Lower Upper

152 100

151 37.7 17.1 25.7#

153 32.5 12.8 19.2#





#12

Phenanthrene

Concen: 0.07 ng/ul

RT: 17.13 min Scan# 2422

Delta R.T. -0.00 min

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Acq: 14 Jun 2017 12:57

Instrument :

BNA_E

ClientSampleId :

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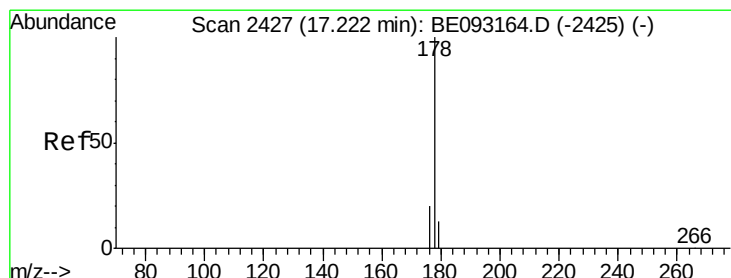
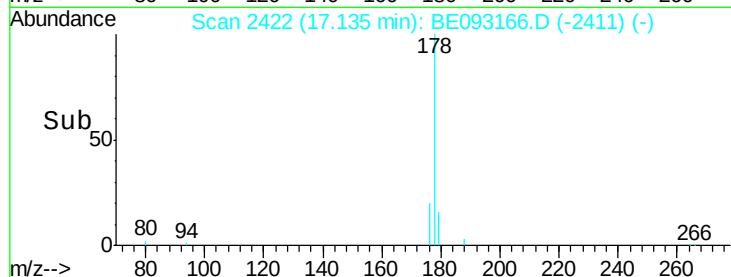
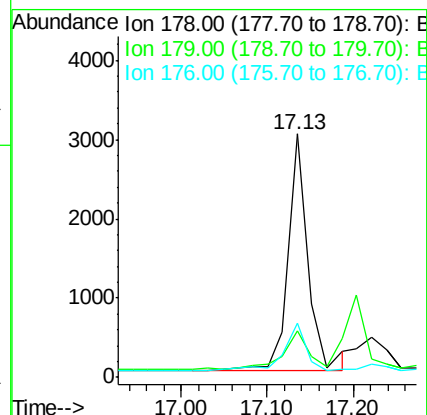
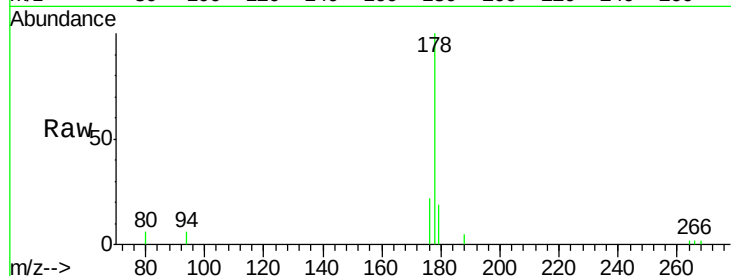
Tgt Ion:178 Resp: 4894

Ion Ratio Lower Upper

178 100

179 19.1 18.4 27.6

176 22.2 13.6 20.4#



#13

Anthracene

Concen: 0.01 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BE093166.D

Acq: 14 Jun 2017 12:57

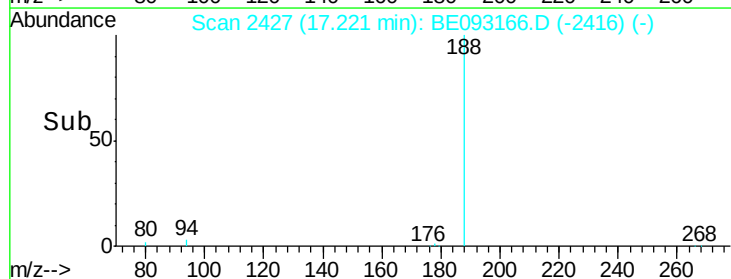
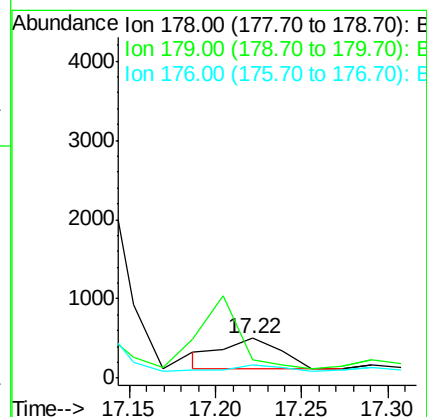
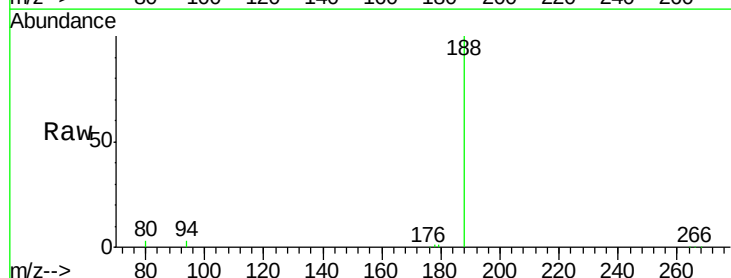
Tgt Ion:178 Resp: 899

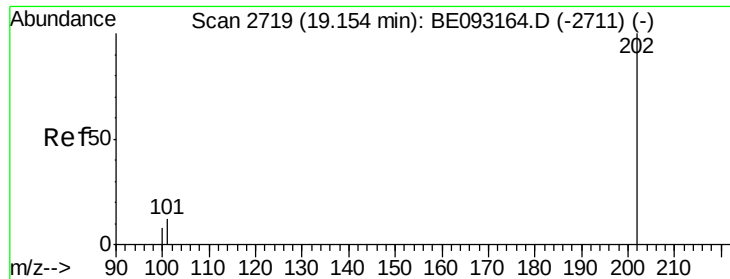
Ion Ratio Lower Upper

178 100

179 47.3 18.1 27.1#

176 32.9 14.7 22.1#





#15

Fluoranthene

Concen: 0.14 ng/ul

RT: 19.15 min Scan# 2719

Delta R.T. -0.00 min

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Instrument :

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ClientSampleId :

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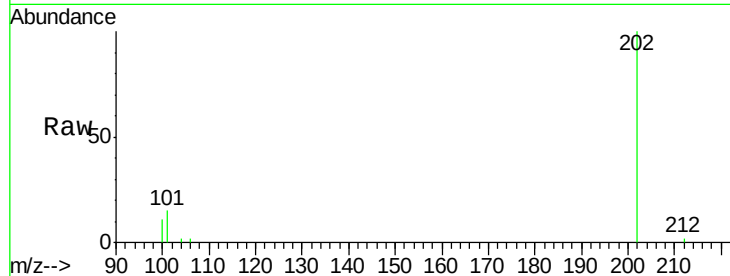
Tgt Ion:202 Resp: 11694

Ion Ratio Lower Upper

202 100

101 15.0 0.0 30.3

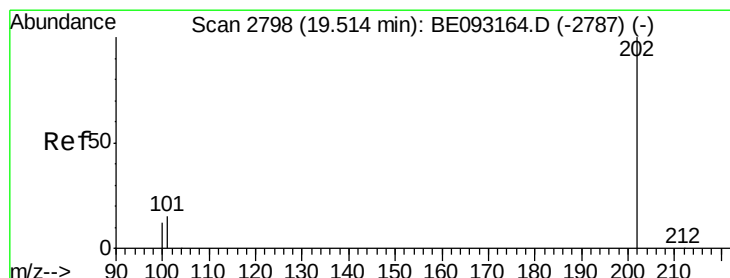
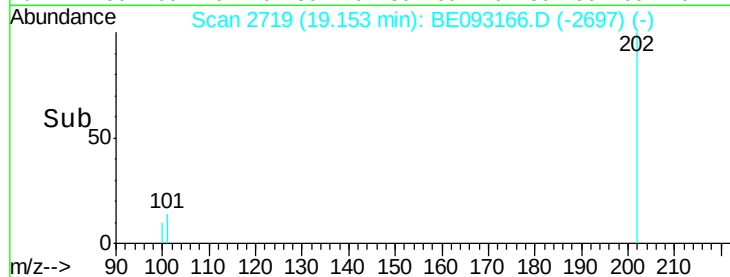
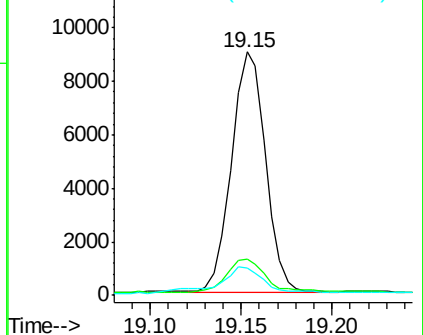
100 11.4 0.0 39.5



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: 0.18 ng/ul

RT: 19.51 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BE093166.D

Acq: 14 Jun 2017 12:57

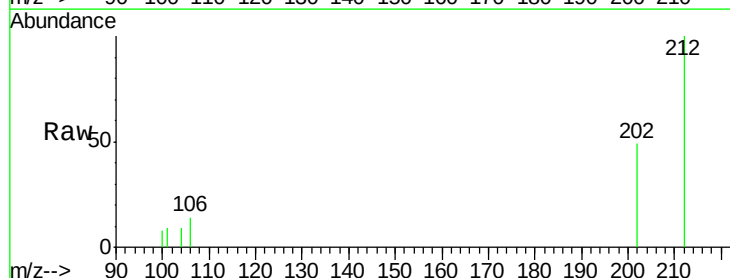
Tgt Ion:202 Resp: 13627

Ion Ratio Lower Upper

202 100

101 17.6 18.2 27.4#

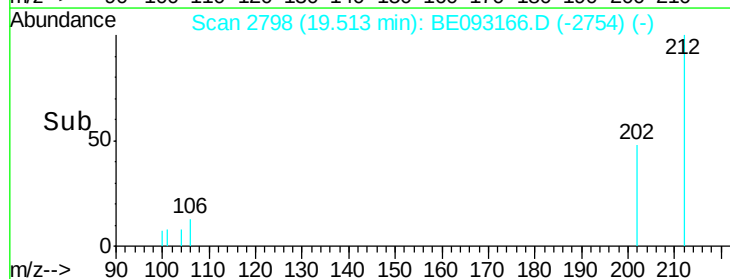
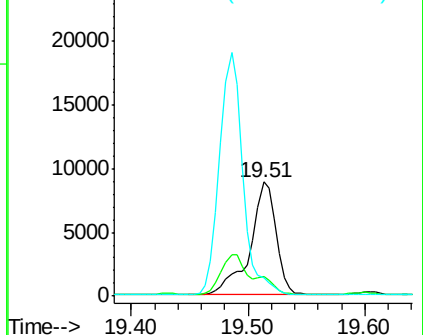
100 16.1 15.6 23.4

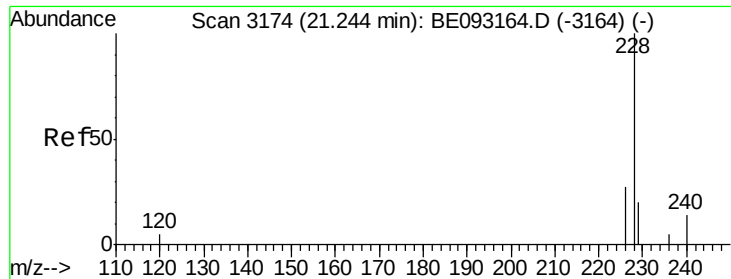


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.08 ng/ul

RT: 21.24 min Scan# 3174

Delta R.T. -0.00 min

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Acq: 14 Jun 2017 12:57

Instrument :

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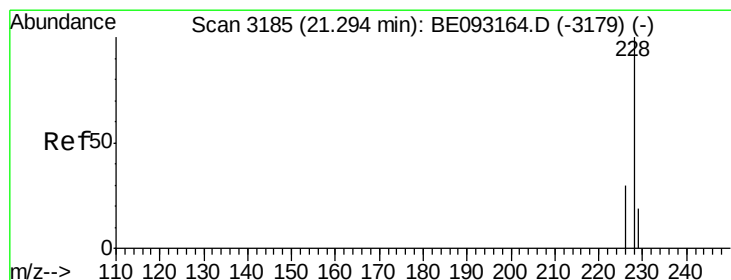
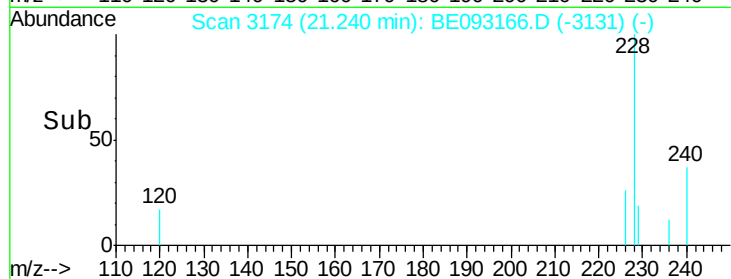
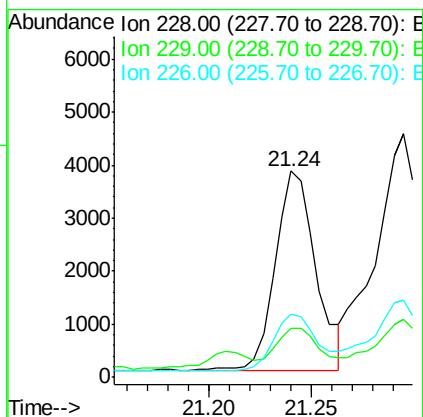
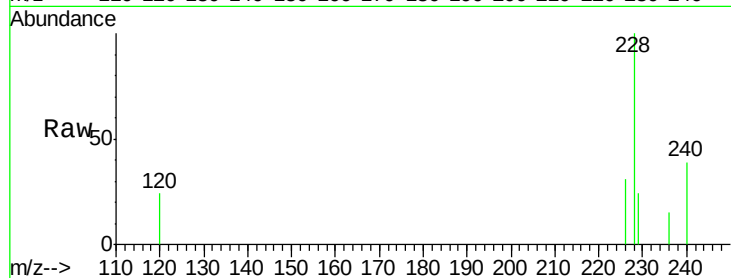
Tgt Ion:228 Resp: 5131

Ion Ratio Lower Upper

228 100

229 23.5 22.8 34.2

226 30.8 17.0 25.6#



#19

Chrysene

Concen: 0.10 ng/ul

RT: 21.29 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BE093166.D

Acq: 14 Jun 2017 12:57

Tgt Ion:228 Resp: 6940

Ion Ratio Lower Upper

228 100

226 31.6 23.4 35.0

229 24.0 17.7 26.5

