

Data File : BE093287.D
Acq On : 20 Jun 2017 18:34
Operator : SJ/JU
Sample : I3627-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A44

Quant Time: Jun 21 01:51:19 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 01:49:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	1726	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	9046	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5644	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	13406	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	13386	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	636935	0.40	ng/ul	-0.15

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	3154	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	8970	0.25	ng/ul	0.00

Target Compounds				Qvalue		
3) Naphthalene	10.56	128	561	0.02	ng/ul#	79
7) Acenaphthylene	14.09	152	250	0.01	ng/ul#	28
12) Phenanthrene	17.14	178	1016	0.03	ng/ul#	90
13) Anthracene	17.22	178	655	0.02	ng/ul#	53
15) Fluoranthene	19.15	202	1559	0.03	ng/ul	86
17) Pyrene	19.51	202	1626	0.04	ng/ul#	92
18) Benzo(a)anthracene	21.24	228	734	0.02	ng/ul#	78
19) Chrysene	21.29	228	986	0.03	ng/ul#	78

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

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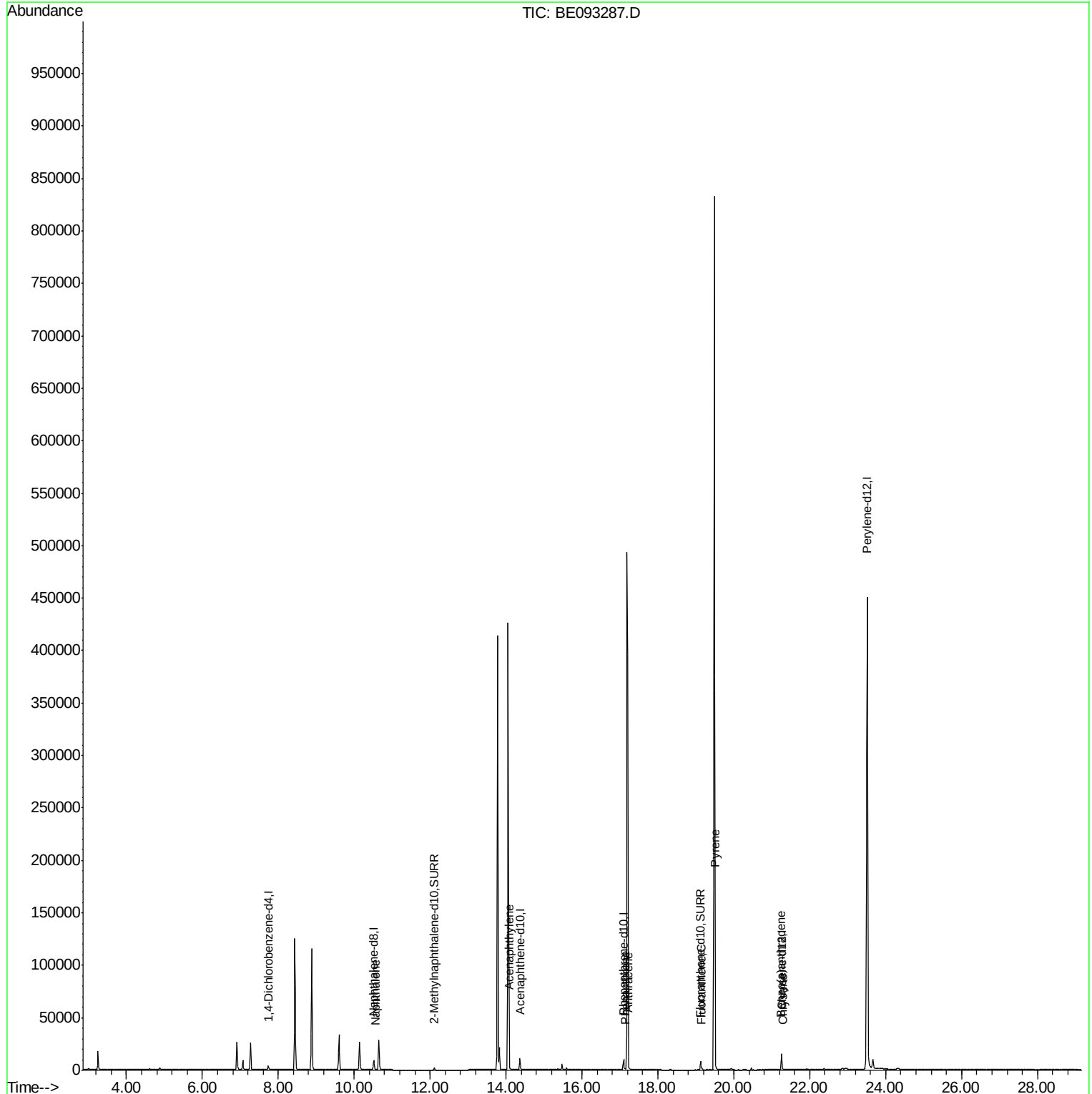
Quant Time: Jun 21 01:51:19 2017

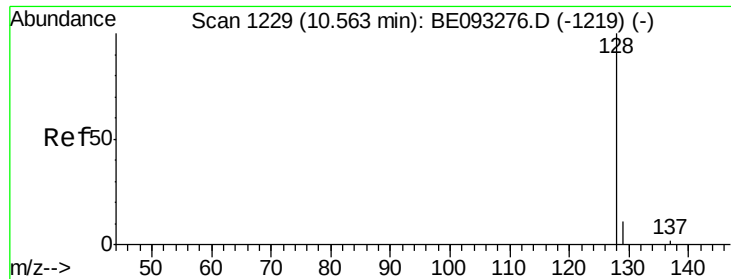
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

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#3

Naphthalene

Concen: 0.02 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

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ClientSampleId :

F5A44

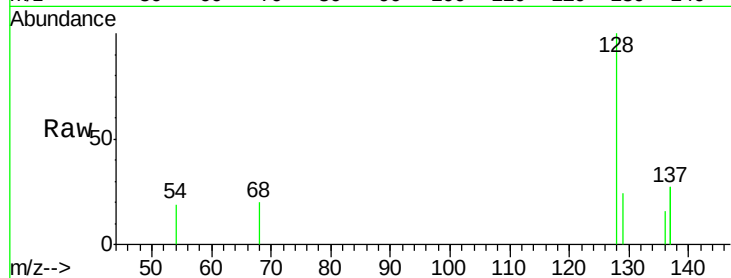
Tgt Ion:128 Resp: 561

Ion Ratio Lower Upper

128 100

129 23.6 11.3 16.9#

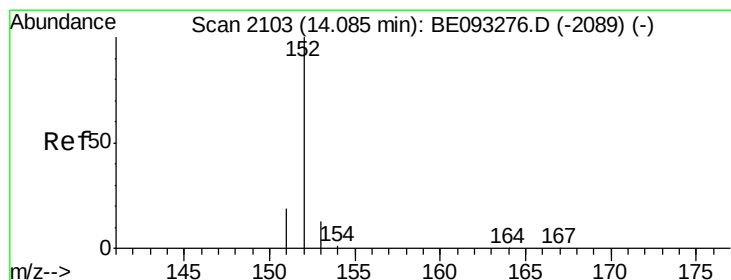
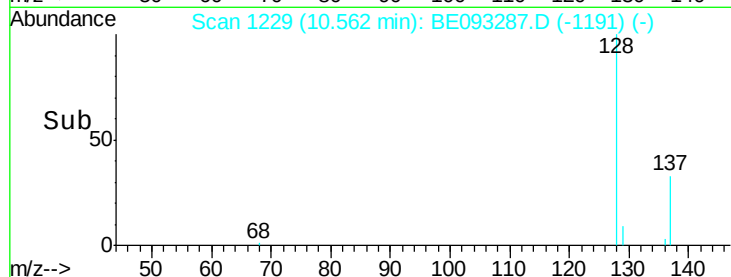
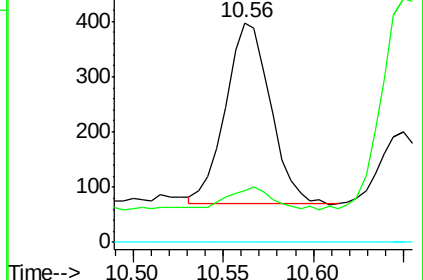
127 0.0 4.0 6.0#



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



#7

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.09 min Scan# 2104

Delta R.T. 0.00 min

Lab File: BE093287.D

Acq: 20 Jun 2017 18:34

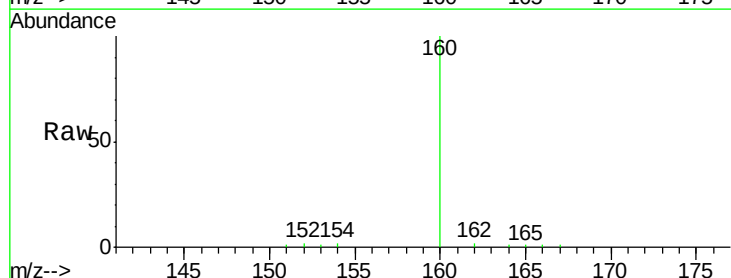
Tgt Ion:152 Resp: 250

Ion Ratio Lower Upper

152 100

151 52.9 17.1 25.7#

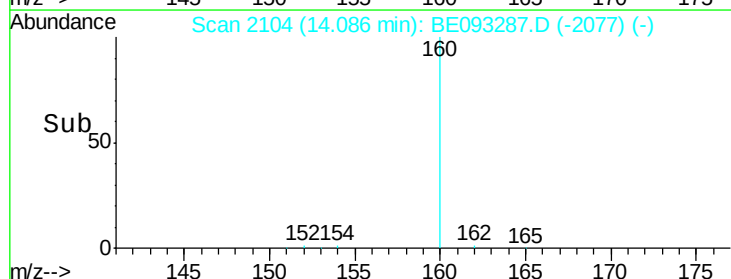
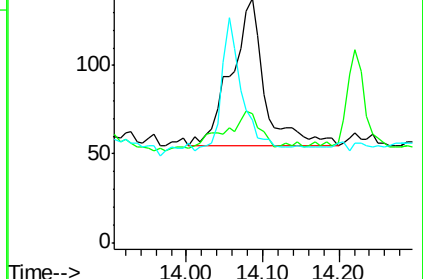
153 50.0 12.8 19.2#

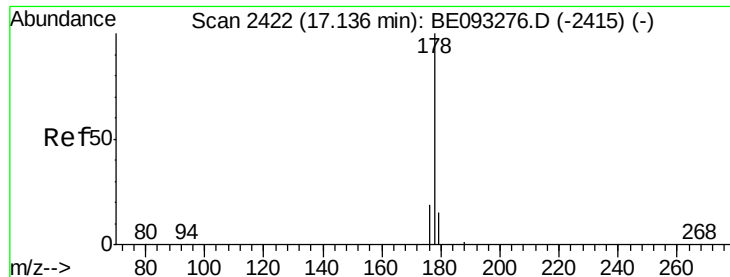


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#12

Phenanthrene

Concen: 0.03 ng/ul

RT: 17.14 min Scan# 2423

Delta R.T. -0.00 min

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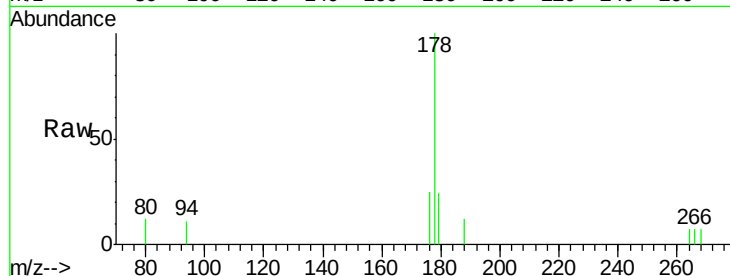
Tgt Ion:178 Resp: 1016

Ion Ratio Lower Upper

178 100

179 24.4 18.4 27.6

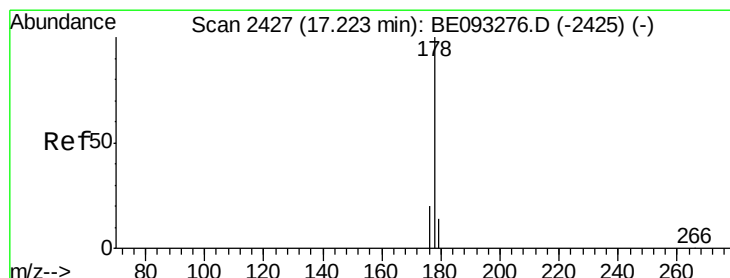
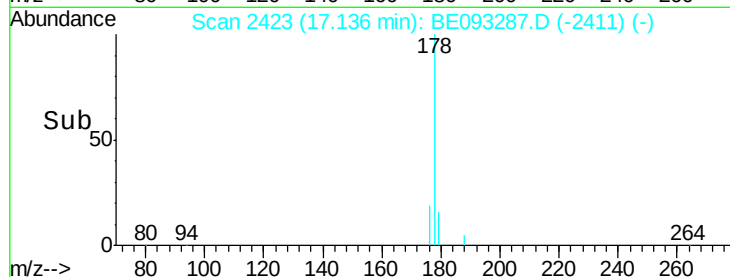
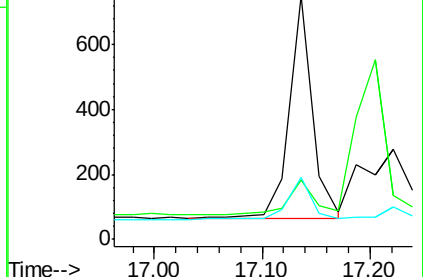
176 25.2 13.6 20.4#



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: 0.02 ng/ul

RT: 17.22 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BE093287.D

Acq: 20 Jun 2017 18:34

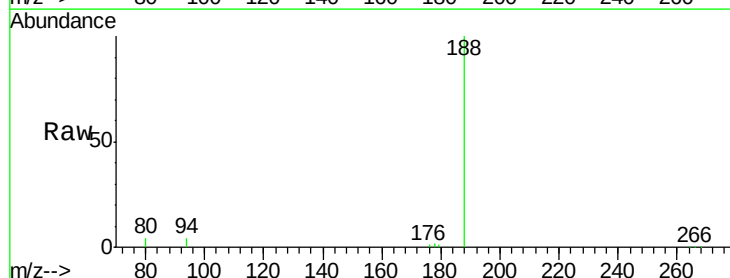
Tgt Ion:178 Resp: 655

Ion Ratio Lower Upper

178 100

179 48.6 18.1 27.1#

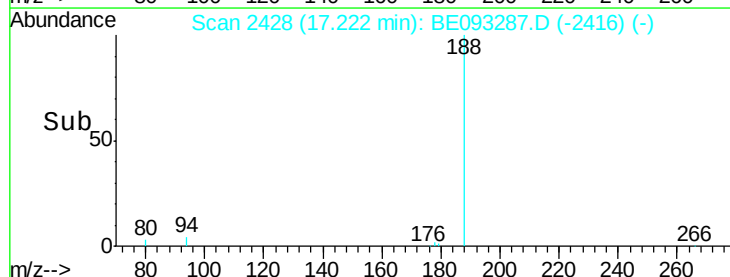
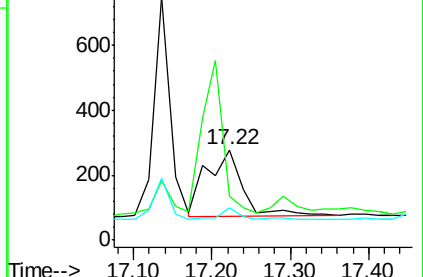
176 36.0 14.7 22.1#

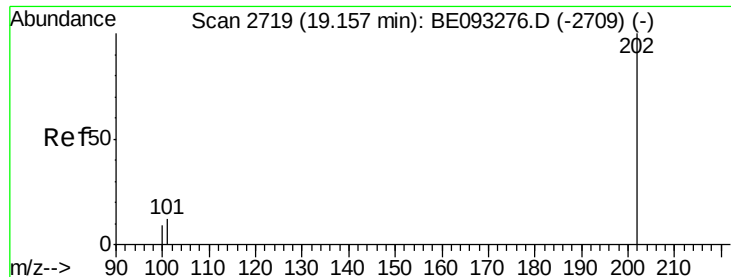


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

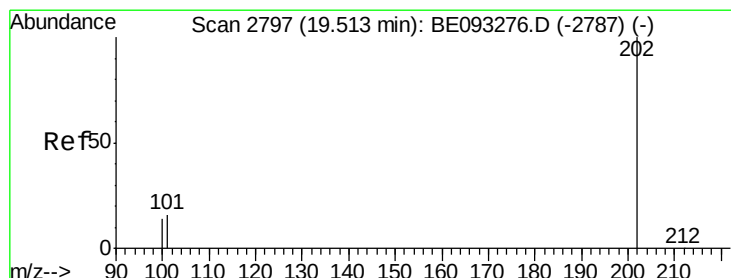
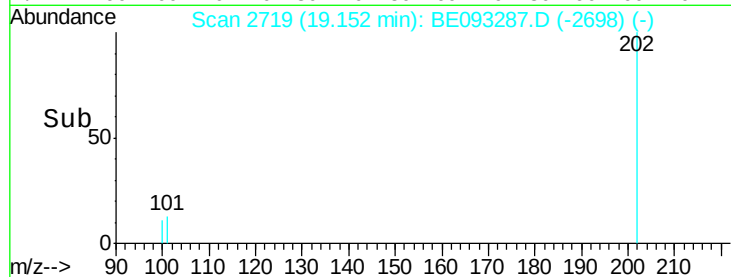
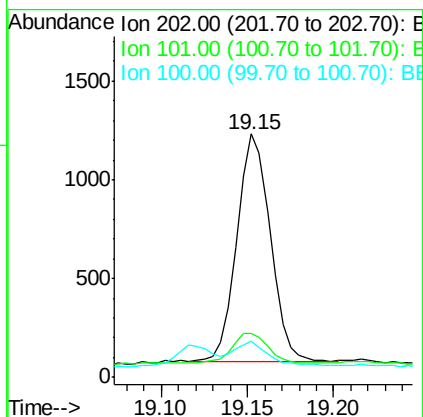
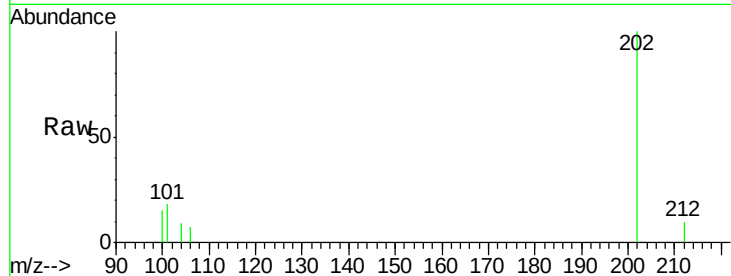




#15
Fluoranthene
Concen: 0.03 ng/ul
RT: 19.15 min Scan# 2719
Delta R.T. -0.00 min
Lab File: BE093287.D
Acq: 20 Jun 2017 18:34

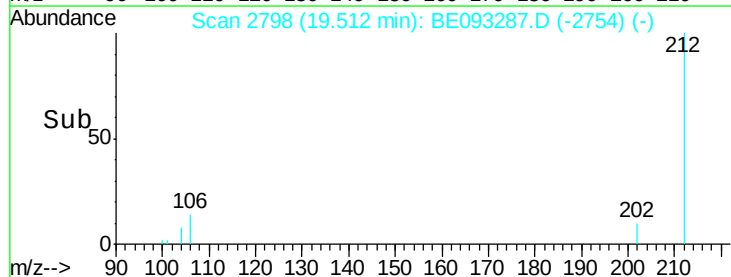
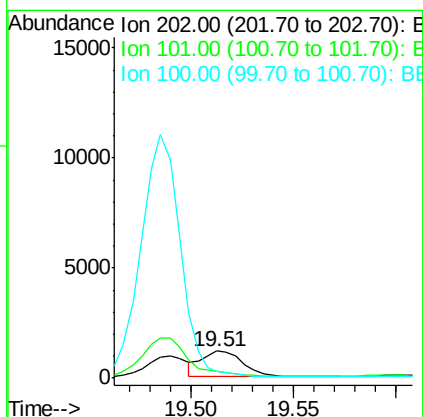
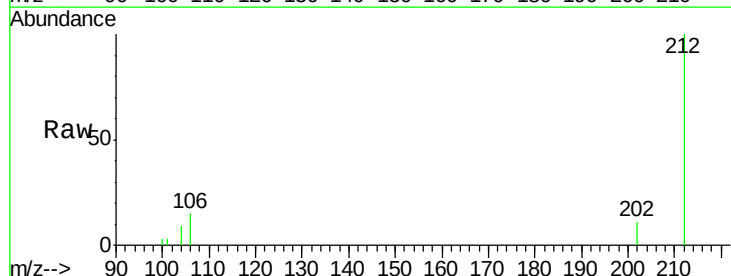
Instrument :
BNA_E
ClientSampleId :
F5A44

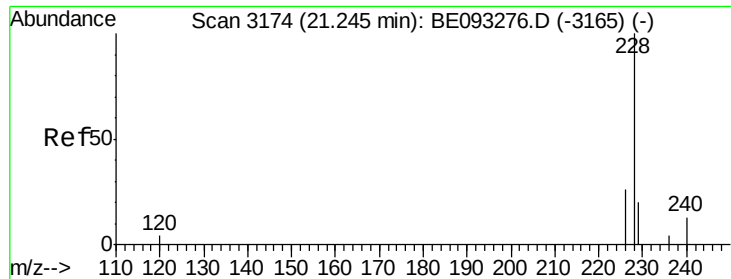
Tgt Ion:202 Resp: 1559
Ion Ratio Lower Upper
202 100
101 18.1 0.0 30.3
100 14.9 0.0 39.5



#17
Pyrene
Concen: 0.04 ng/ul
RT: 19.51 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BE093287.D
Acq: 20 Jun 2017 18:34

Tgt Ion:202 Resp: 1626
Ion Ratio Lower Upper
202 100
101 24.1 18.2 27.4
100 25.9 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.02 ng/ul

RT: 21.24 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BE093287.D

Acq: 20 Jun 2017 18:34

Instrument :

BNA_E

ClientSampled :

F5A44

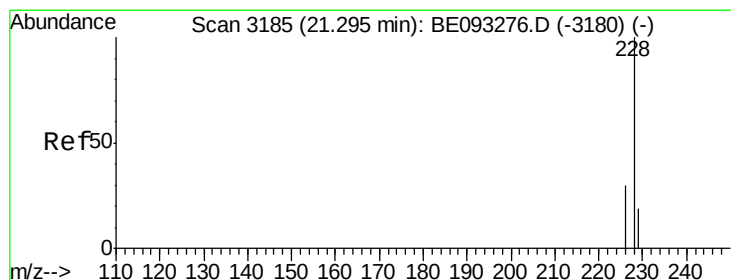
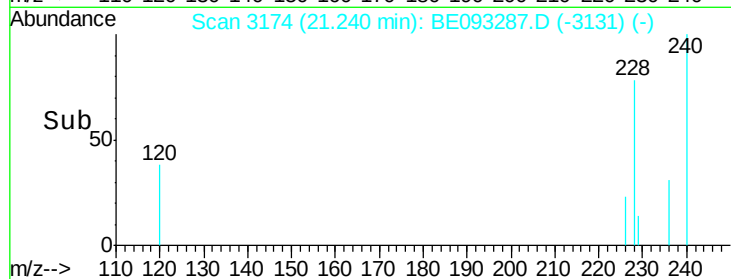
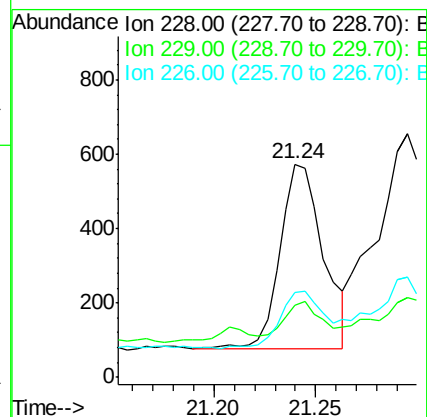
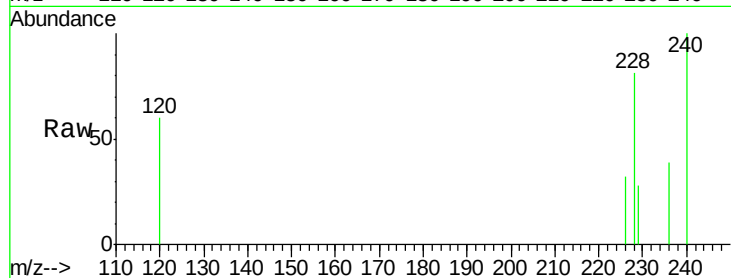
Tgt Ion:228 Resp: 734

Ion Ratio Lower Upper

228 100

229 34.0 22.8 34.2

226 39.5 17.0 25.6#



#19

Chrysene

Concen: 0.03 ng/ul

RT: 21.29 min Scan# 3186

Delta R.T. -0.00 min

Lab File: BE093287.D

Acq: 20 Jun 2017 18:34

Tgt Ion:228 Resp: 986

Ion Ratio Lower Upper

228 100

226 41.1 23.4 35.0#

229 32.8 17.7 26.5#

