

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061917\
 Data File : BE093256.D
 Acq On : 19 Jun 2017 18:33
 Operator : SJ/MA
 Sample : I3600-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5A12

Quant Time: Jun 20 04:20:34 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 04:17:17 2017
 Response via : Initial Calibration

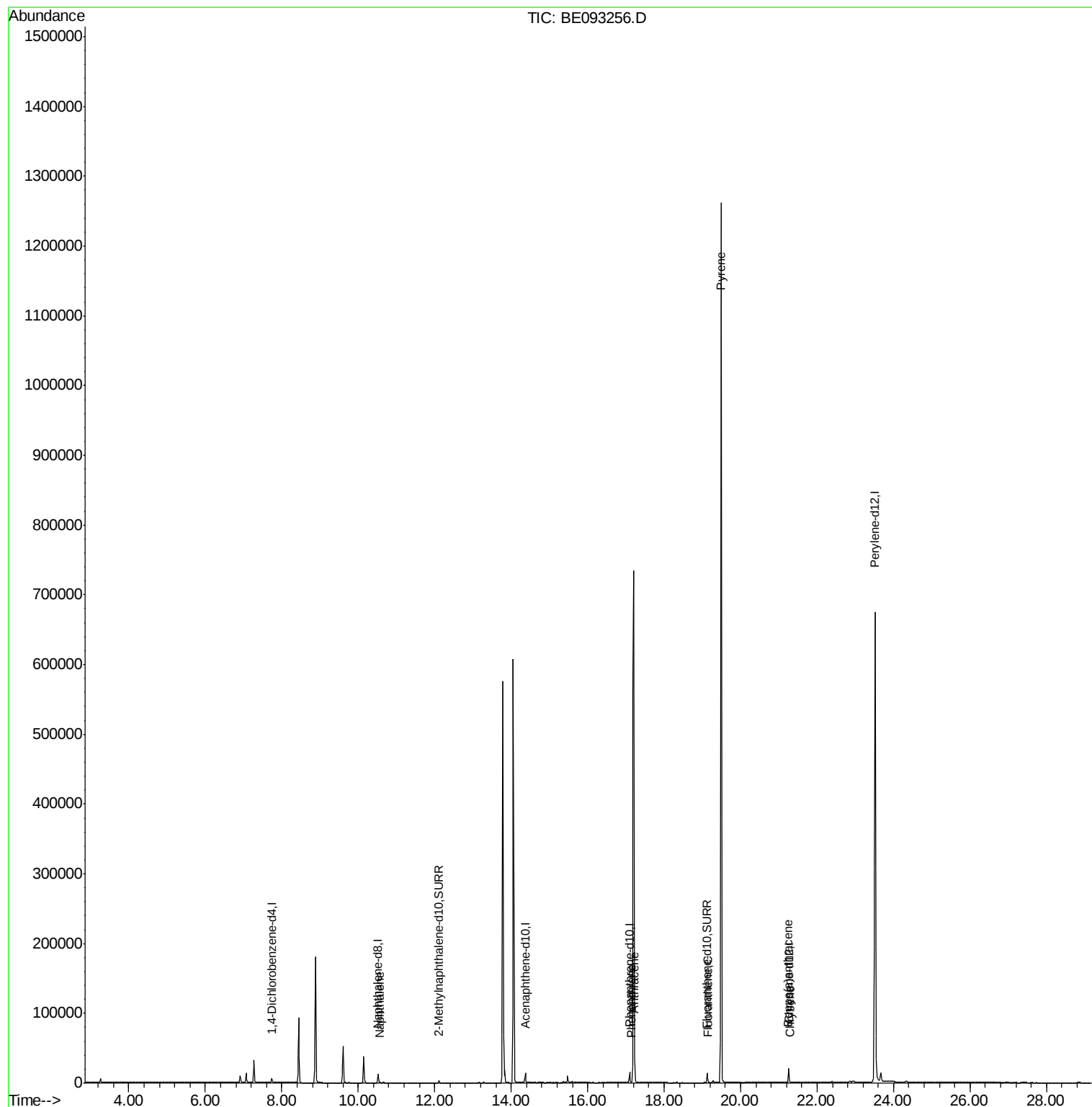
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2591	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	13182	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	7962	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	18863	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	18583	0.40	ng/ul	0.00
20) Perylene-d12	23.52	264	955868	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	4633	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	13802	0.27	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.56	128	422	0.013	ng/ul#	60
12) Phenanthrene	17.13	178	708	0.014	ng/ul#	74
13) Anthracene	17.22	178	1482	0.033	ng/ul#	59
15) Fluoranthene	19.15	202	969	0.015	ng/ul#	75
17) Pyrene	19.49	202	2737	0.050	ng/ul#	1
18) Benzo(a)anthracene	21.25	228	507	0.010	ng/ul#	43
19) Chrysene	21.30	228	580	0.011	ng/ul#	45

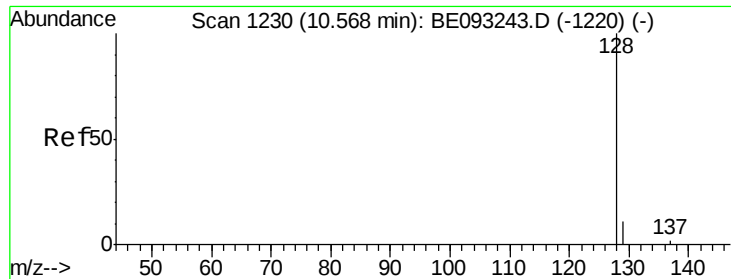
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.013 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BE093256.D

Acq: 19 Jun 2017 18:33

Instrument :

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F5A12

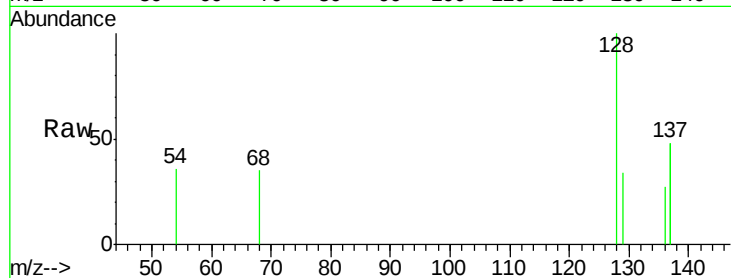
Tgt Ion:128 Resp: 422

Ion Ratio Lower Upper

128 100

129 34.0 11.3 16.9#

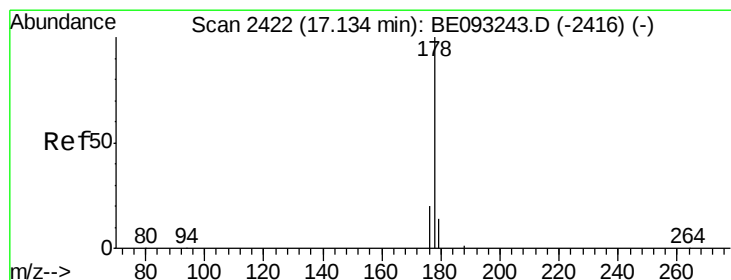
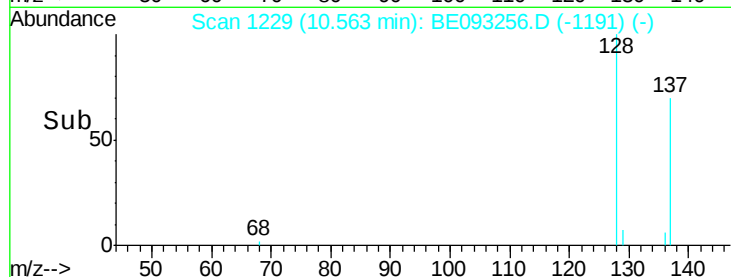
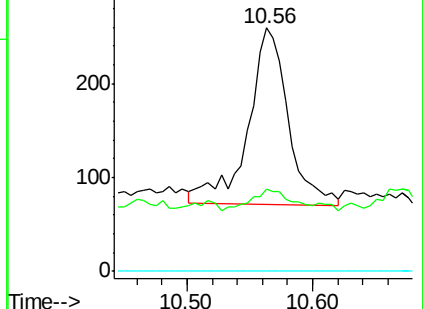
127 0.0 4.0 6.0#



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



#12

Phenanthrene

Concen: 0.014 ng/ul

RT: 17.13 min Scan# 2422

Delta R.T. 0.00 min

Lab File: BE093256.D

Acq: 19 Jun 2017 18:33

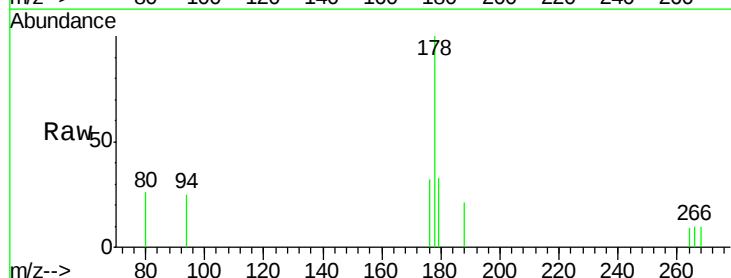
Tgt Ion:178 Resp: 708

Ion Ratio Lower Upper

178 100

179 32.8 18.4 27.6#

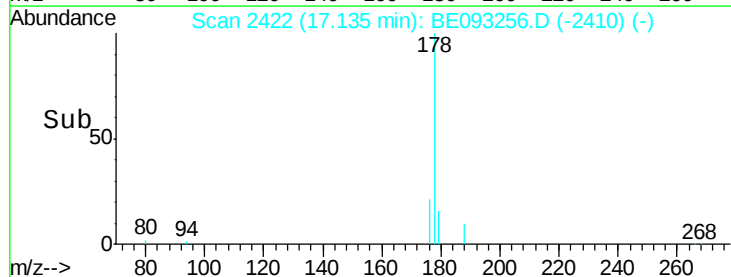
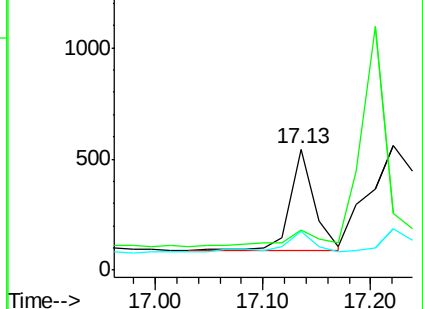
176 31.9 13.6 20.4#

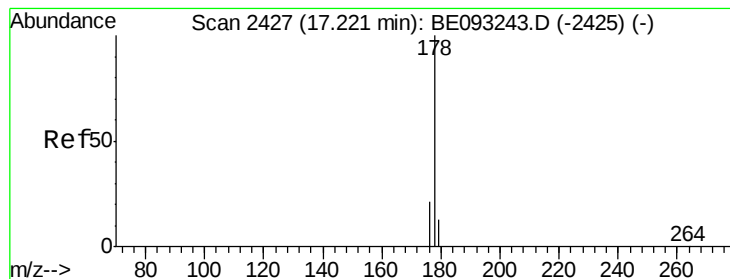


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.033 ng/ul

RT: 17.22 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BE093256.D

Acq: 19 Jun 2017 18:33

Instrument :

BNA_E

ClientSampleId :

F5A12

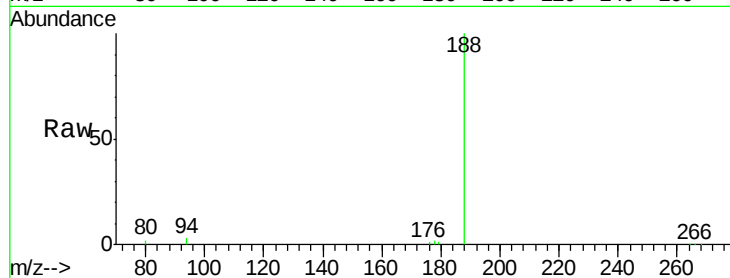
Tgt Ion:178 Resp: 1482

Ion Ratio Lower Upper

178 100

179 45.4 18.1 27.1#

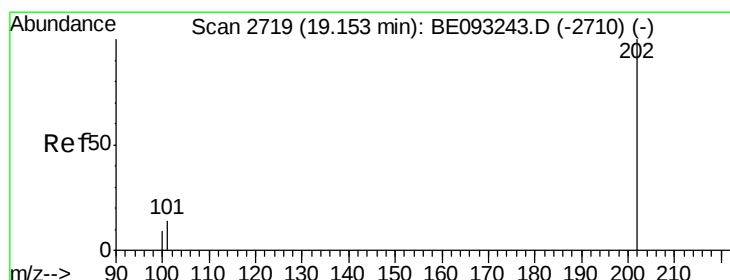
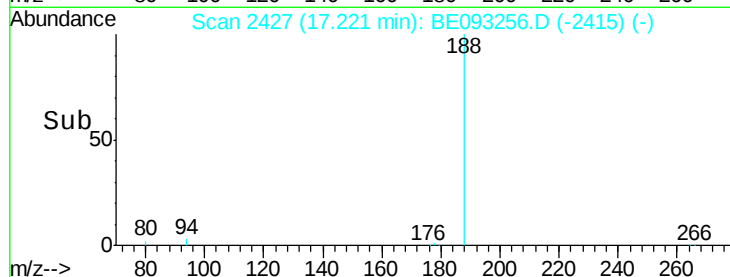
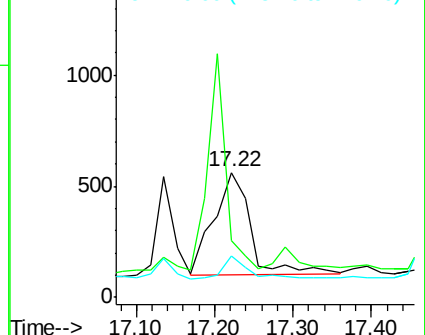
176 32.9 14.7 22.1#



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: 0.015 ng/ul

RT: 19.15 min Scan# 2719

Delta R.T. -0.00 min

Lab File: BE093256.D

Acq: 19 Jun 2017 18:33

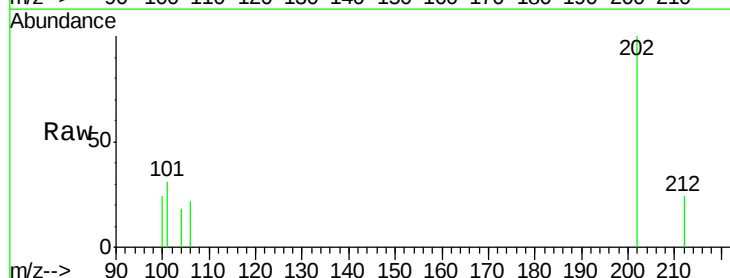
Tgt Ion:202 Resp: 969

Ion Ratio Lower Upper

202 100

101 30.5 0.0 30.3#

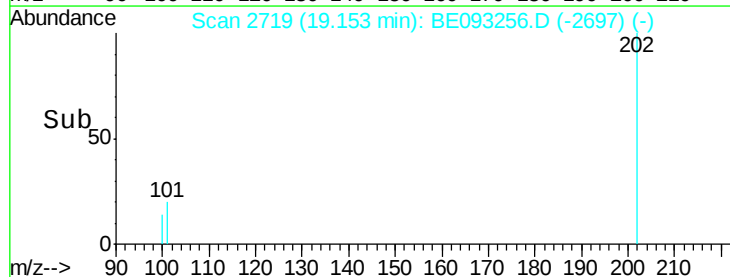
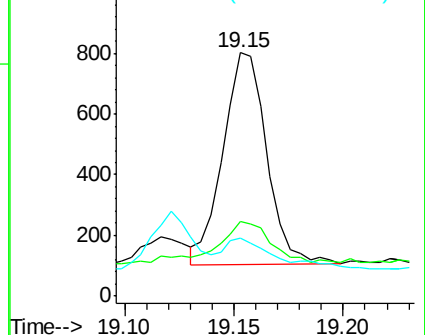
100 23.7 0.0 39.5

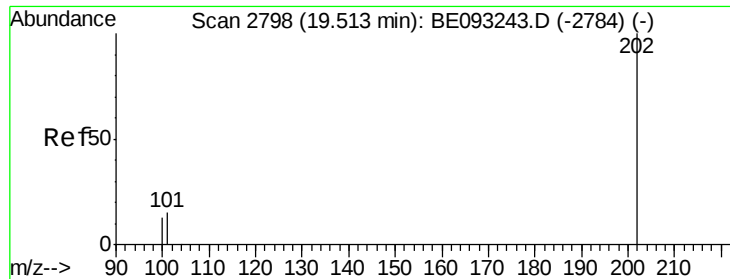


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

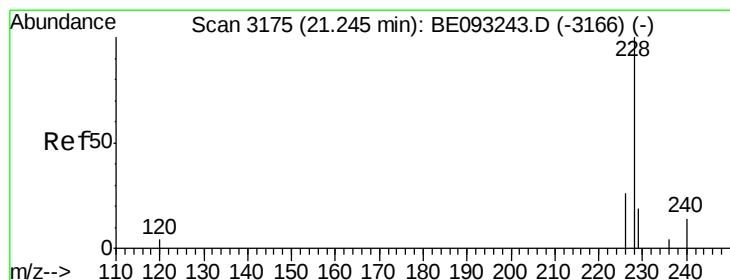
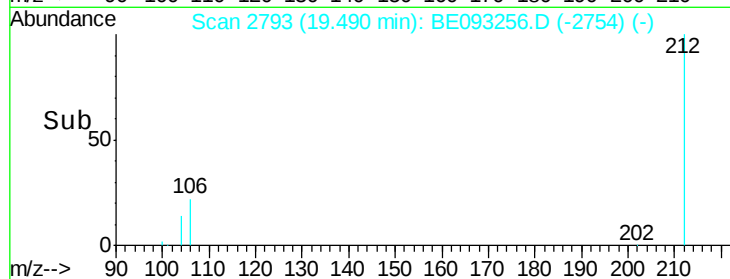
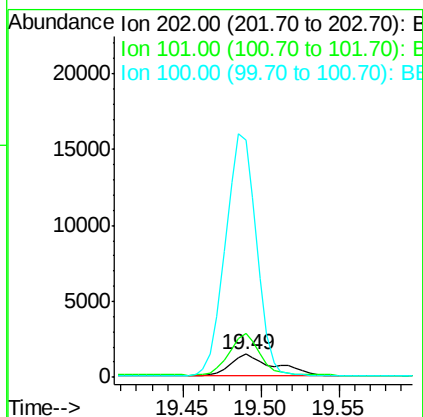
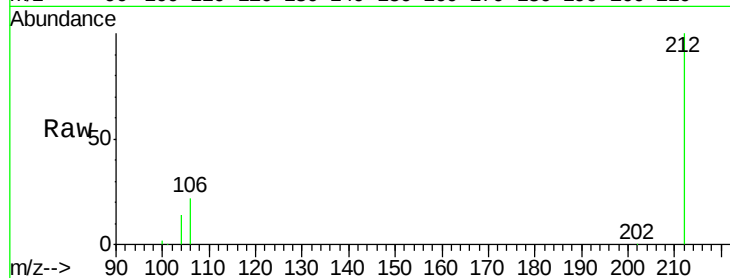




#17
Pyrene
Concen: 0.050 ng/ul
RT: 19.49 min Scan# 2793
Delta R.T. -0.02 min
Lab File: BE093256.D
Acq: 19 Jun 2017 18:33

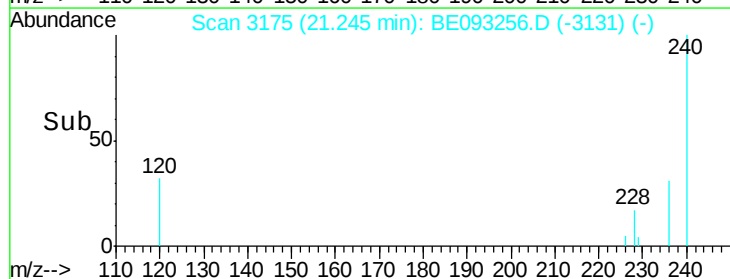
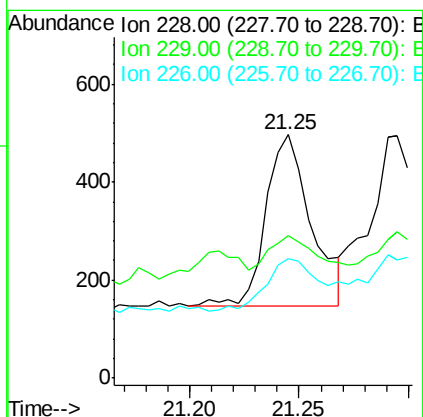
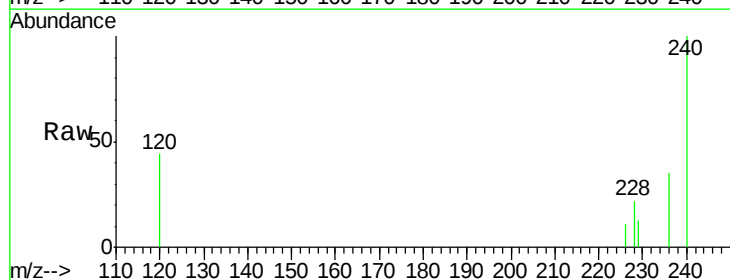
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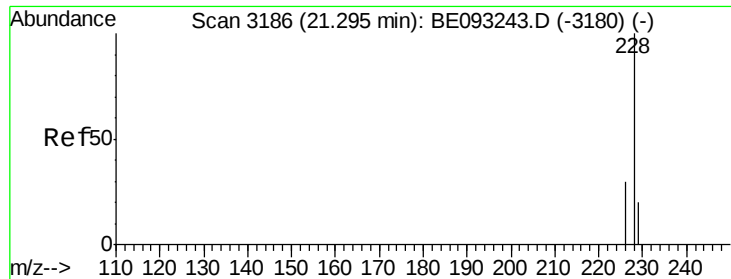
Tgt Ion:202 Resp: 2737
Ion Ratio Lower Upper
202 100
101 190.4 18.2 27.4#
100 1038.3 15.6 23.4#



#18
Benzo(a)anthracene
Concen: 0.010 ng/ul
RT: 21.25 min Scan# 3175
Delta R.T. -0.00 min
Lab File: BE093256.D
Acq: 19 Jun 2017 18:33

Tgt Ion:228 Resp: 507
Ion Ratio Lower Upper
228 100
229 58.4 22.8 34.2#
226 49.1 17.0 25.6#





#19

Chrysene

Concen: 0.011 ng/ul

RT: 21.30 min Scan# 3186

Delta R.T. -0.00 min

Lab File: BE093256.D

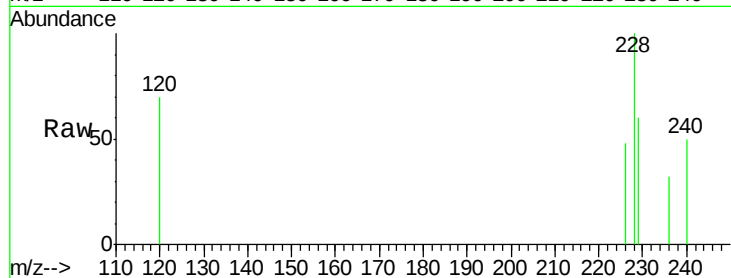
Acq: 19 Jun 2017 18:33

Instrument :

BNA_E

ClientSampleId :

F5A12



Tgt Ion: 228 Resp: 580

Ion Ratio Lower Upper

228 100

226 48.5 23.4 35.0#

229 60.4 17.7 26.5#

