

Data File : BE093315.D
Acq On : 21 Jun 2017 14:52
Operator : SJ/JU
Sample : I3627-06DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A45DL

Quant Time: Jun 22 02:11:51 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	7.73	152	1467	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	8090	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	5169	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	12801	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	12338	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	11041	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	461	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	1248	0.04	ng/ul	0.00

Target Compounds				Qvalue		
12) Phenanthrene	17.14	178	1965	0.06	ng/ul#	92
13) Anthracene	17.14	178	1973	0.06	ng/ul	94
15) Fluoranthene	19.15	202	3337	0.08	ng/ul	85
17) Pyrene	19.51	202	3054	0.08	ng/ul	92
18) Benzo(a)anthracene	21.24	228	859	0.03	ng/ul#	85
19) Chrysene	21.29	228	989	0.03	ng/ul#	88
21) Benzo(b)fluoranthene	22.93	252	1316	0.04	ng/ul#	65
22) Benzo(k)fluoranthene	22.93	252	1316	0.04	ng/ul#	62
23) Benzo(a)pyrene	23.55	252	463	0.01	ng/ul#	37
24) Indeno(1,2,3-cd)pyrene	26.18	276	393	0.01	ng/ul#	73

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

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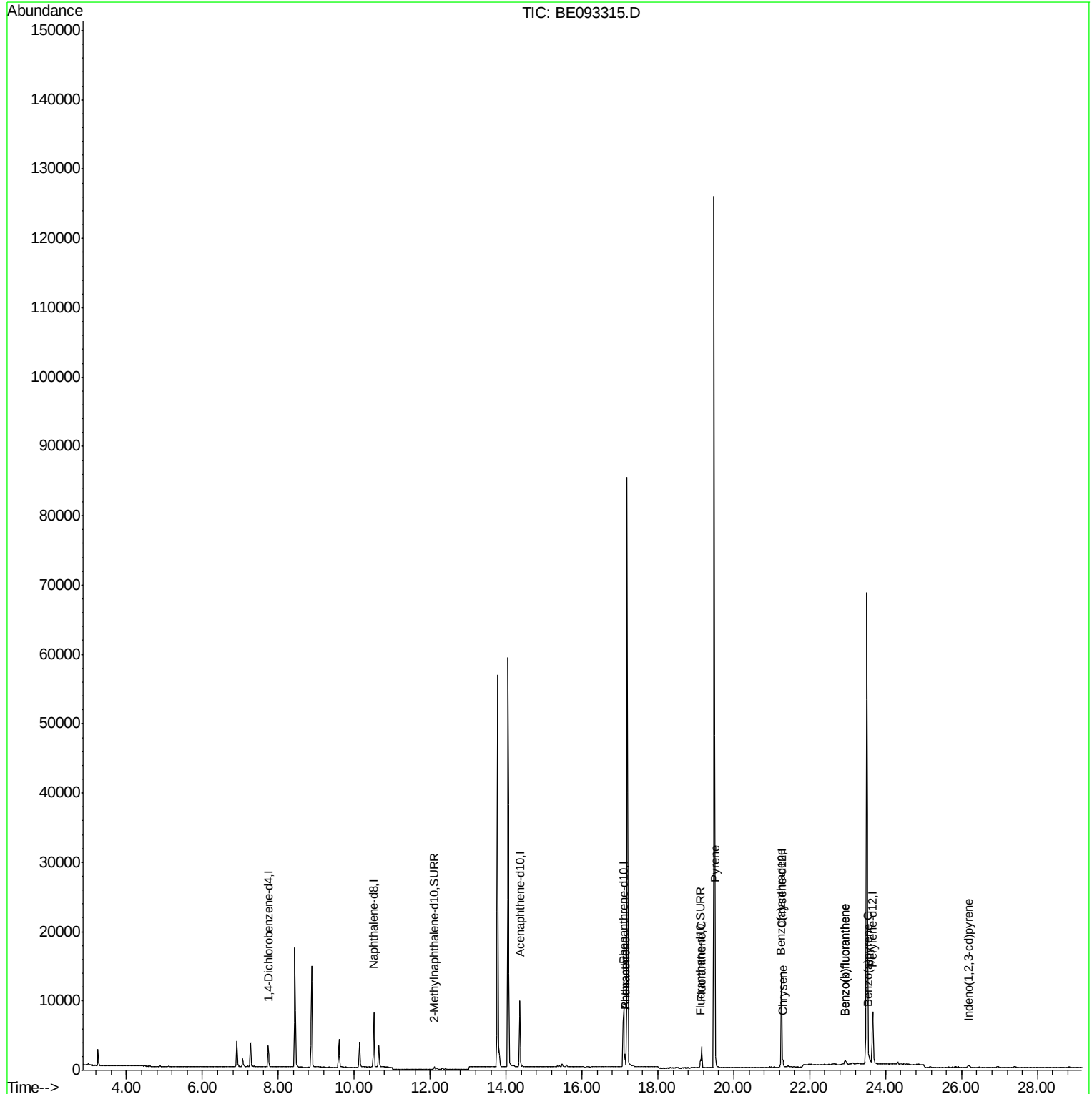
Quant Time: Jun 22 02:11:51 2017

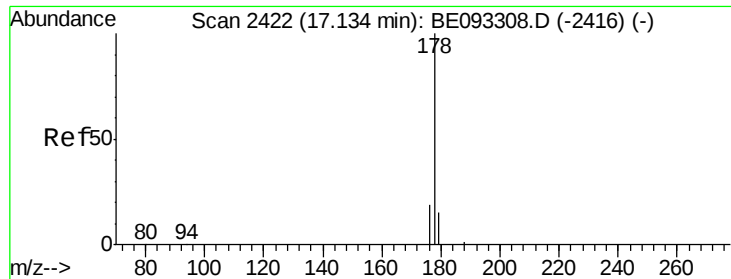
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

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#12

Phenanthrene

Concen: 0.06 ng/ul

RT: 17.14 min Scan# 2422

Delta R.T. 0.00 min

Lab File: BE093315.D

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Instrument :

BNA_E

ClientSampleId :

F5A45DL

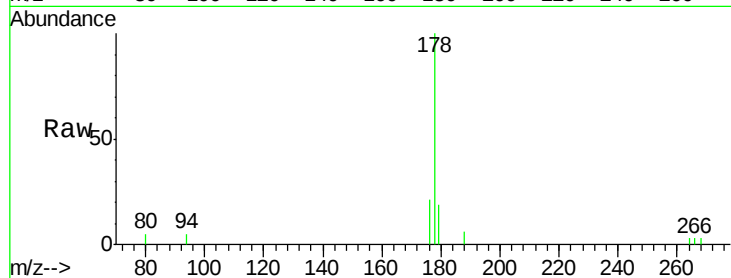
Tgt Ion:178 Resp: 1965

Ion Ratio Lower Upper

178 100

179 19.3 18.4 27.6

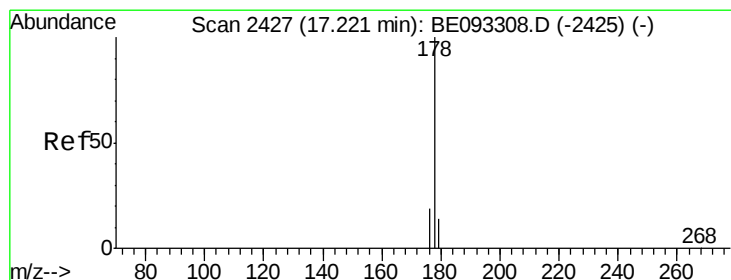
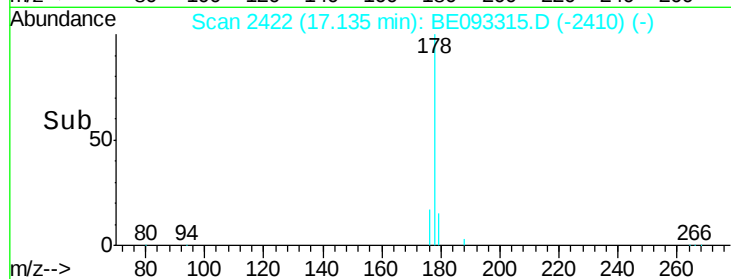
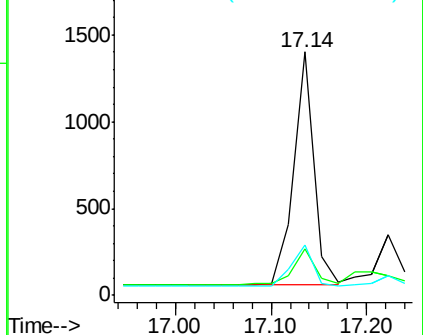
176 20.5 13.6 20.4#



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: 0.06 ng/ul

RT: 17.14 min Scan# 2422

Delta R.T. -0.09 min

Lab File: BE093315.D

Acq: 21 Jun 2017 14:52

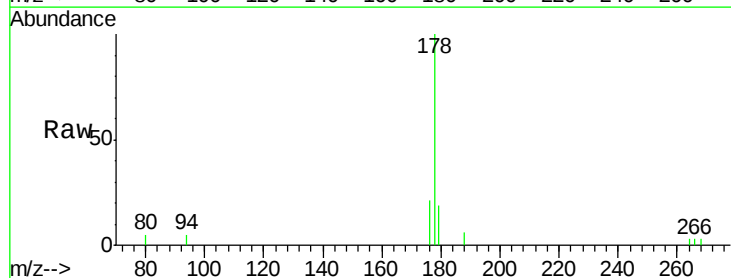
Tgt Ion:178 Resp: 1973

Ion Ratio Lower Upper

178 100

179 19.3 18.1 27.1

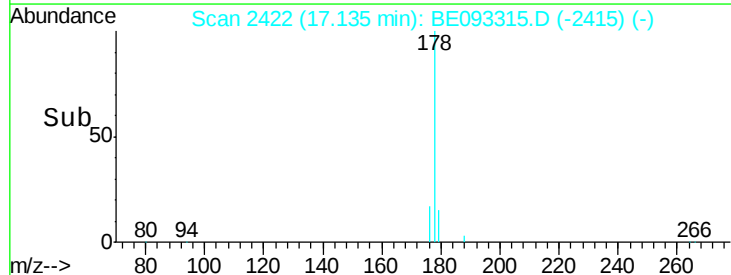
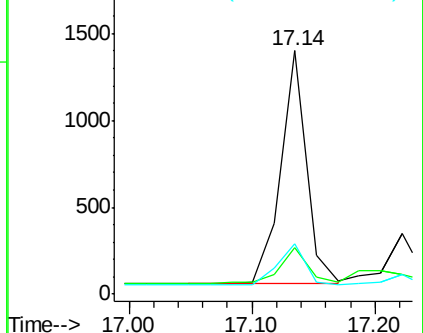
176 20.5 14.7 22.1

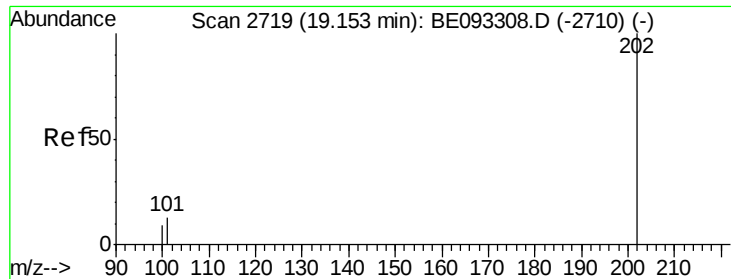


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

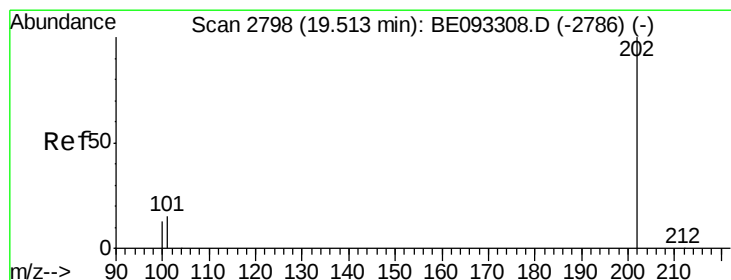
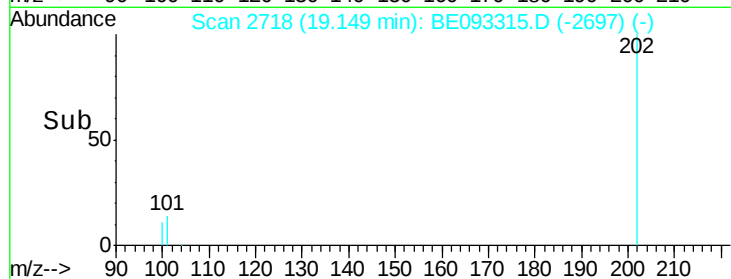
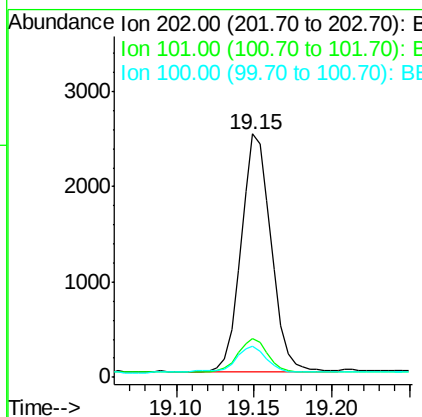
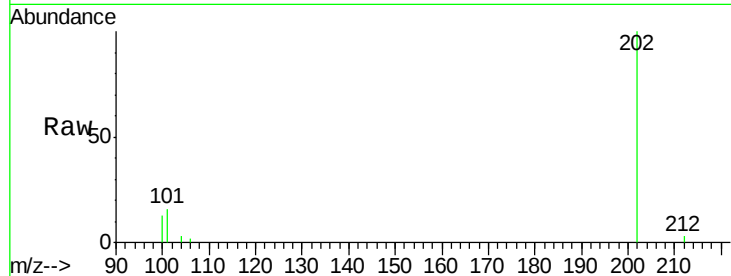




#15
Fluoranthene
 Concen: 0.08 ng/ul
 RT: 19.15 min Scan# 2718
 Delta R.T. -0.00 min
 Lab File: BE093315.D
 Acq: 21 Jun 2017 14:52

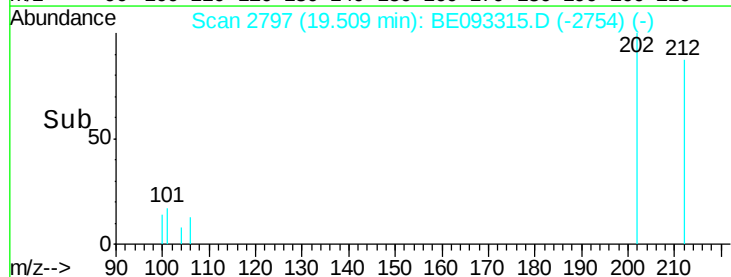
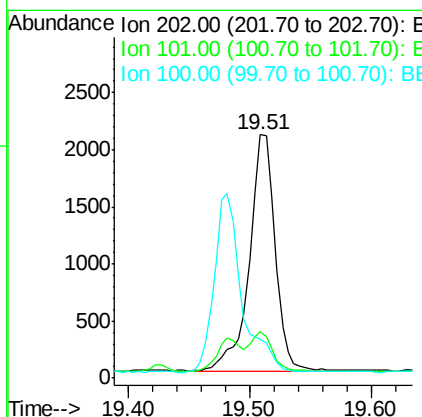
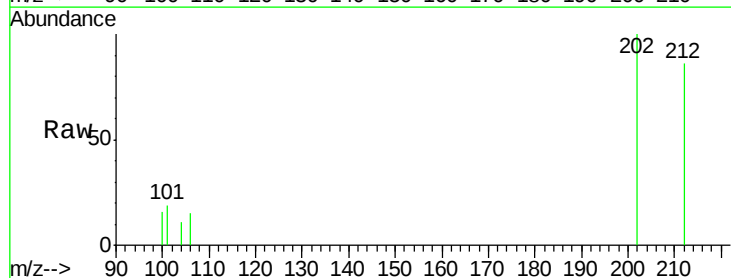
Instrument :
 BNA_E
 ClientSampleId :
 F5A45DL

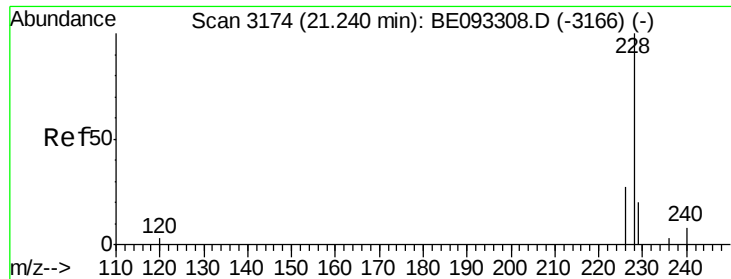
Tgt Ion:202 Resp: 3337
 Ion Ratio Lower Upper
 202 100
 101 15.9 0.0 30.3
 100 12.6 0.0 39.5



#17
Pyrene
 Concen: 0.08 ng/ul
 RT: 19.51 min Scan# 2797
 Delta R.T. -0.00 min
 Lab File: BE093315.D
 Acq: 21 Jun 2017 14:52

Tgt Ion:202 Resp: 3054
 Ion Ratio Lower Upper
 202 100
 101 19.1 18.2 27.4
 100 15.7 15.6 23.4





#18

Benzo(a)anthracene

Concen: 0.03 ng/ul

RT: 21.24 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BE093315.D

Acq: 21 Jun 2017 14:52

Instrument :

BNA_E

ClientSampleId :

F5A45DL

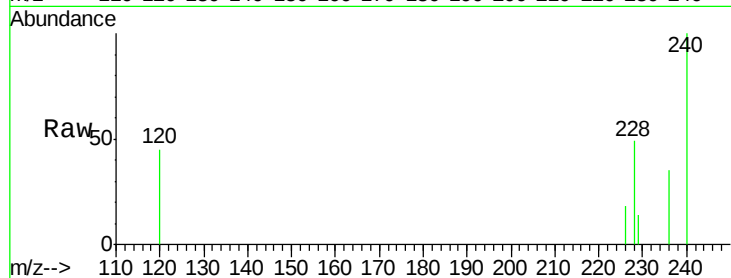
Tgt Ion:228 Resp: 859

Ion Ratio Lower Upper

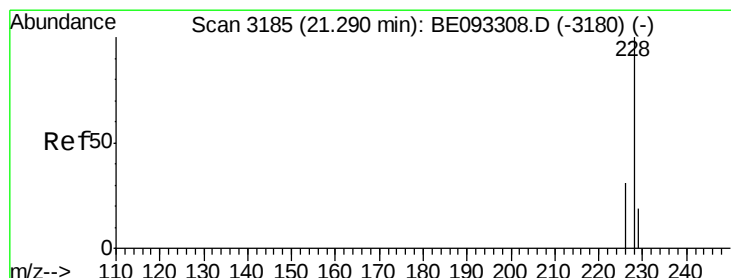
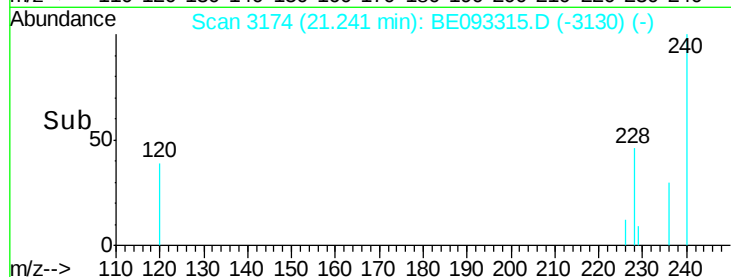
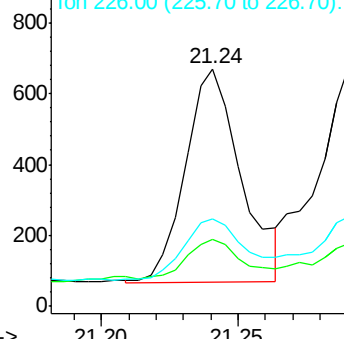
228 100

229 27.9 22.8 34.2

226 36.9 17.0 25.6#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 0.03 ng/ul

RT: 21.29 min Scan# 3185

Delta R.T. 0.00 min

Lab File: BE093315.D

Acq: 21 Jun 2017 14:52

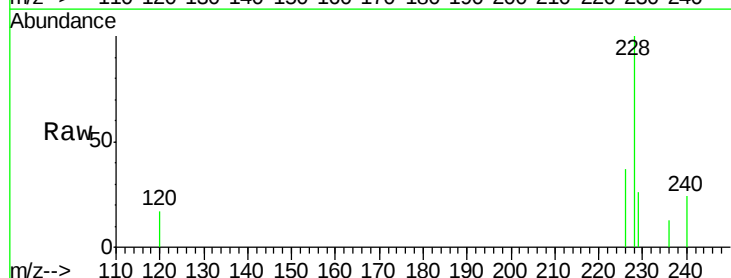
Tgt Ion:228 Resp: 989

Ion Ratio Lower Upper

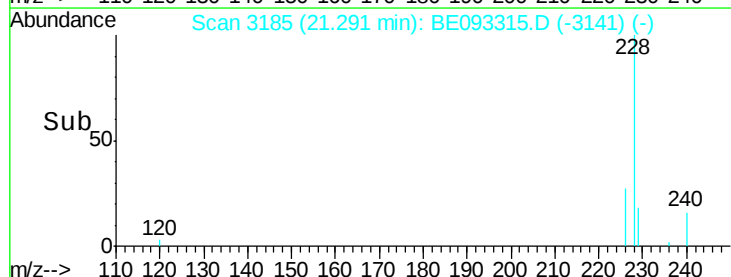
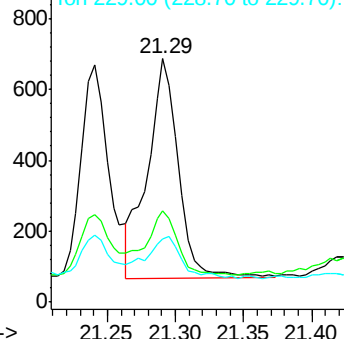
228 100

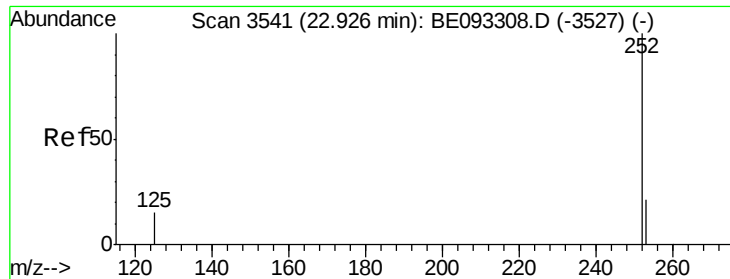
226 37.3 23.4 35.0#

229 26.1 17.7 26.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.04 ng/u1

RT: 22.93 min Scan# 3541

Delta R.T. 0.00 min

Lab File: BE093315.D

Acq: 21 Jun 2017 14:52

Instrument :

BNA_E

ClientSampleId :

F5A45DL

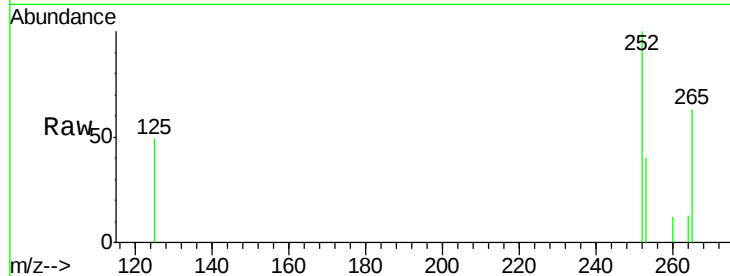
Tgt Ion:252 Resp: 1316

Ion Ratio Lower Upper

252 100

253 40.1 0.0 64.2

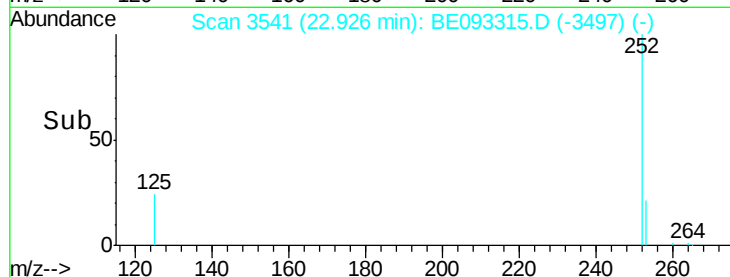
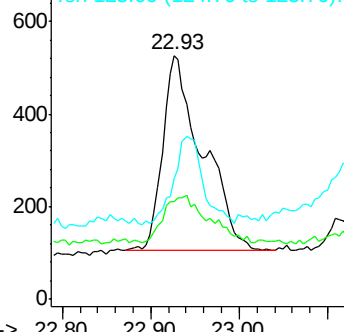
125 49.4 0.0 35.0#



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: 0.04 ng/u1

RT: 22.93 min Scan# 3541

Delta R.T. -0.04 min

Lab File: BE093315.D

Acq: 21 Jun 2017 14:52

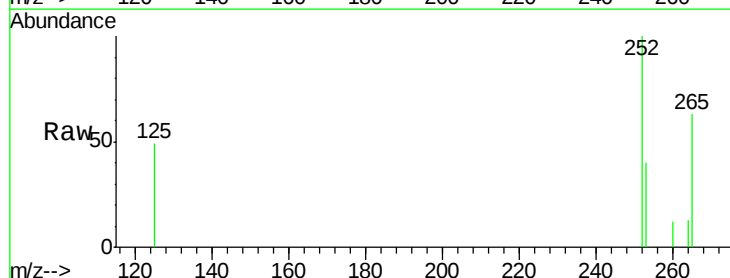
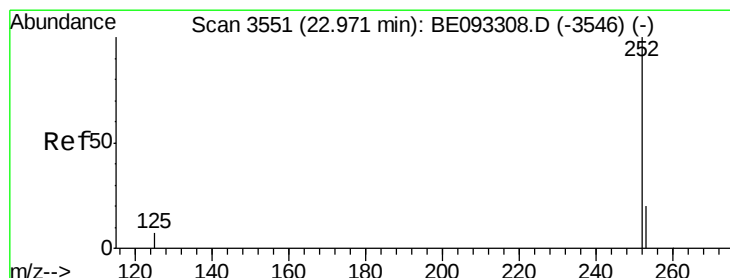
Tgt Ion:252 Resp: 1316

Ion Ratio Lower Upper

252 100

253 40.1 24.5 36.7#

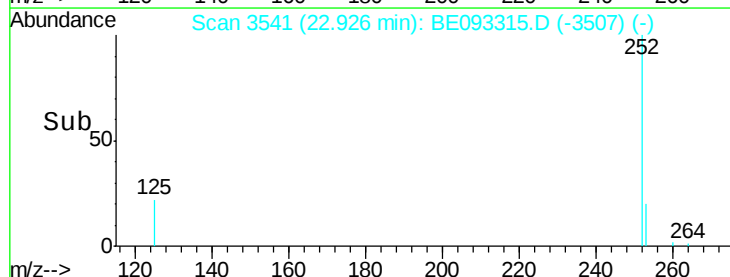
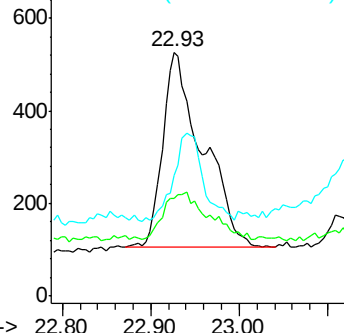
125 49.4 13.7 20.5#

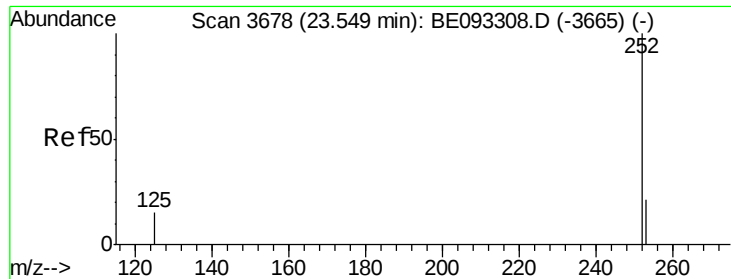


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.01 ng/ul

RT: 23.55 min Scan# 3679

Delta R.T. 0.01 min

Lab File: BE093315.D

Acq: 21 Jun 2017 14:52

Instrument :

BNA_E

ClientSampleId :

F5A45DL

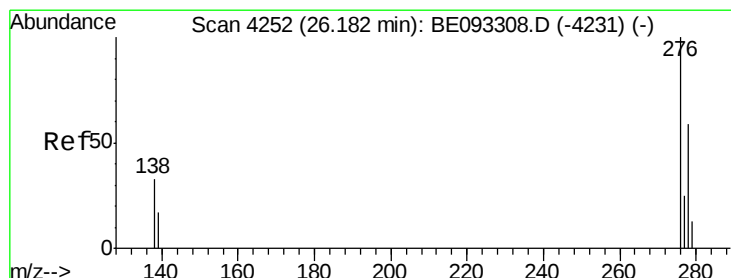
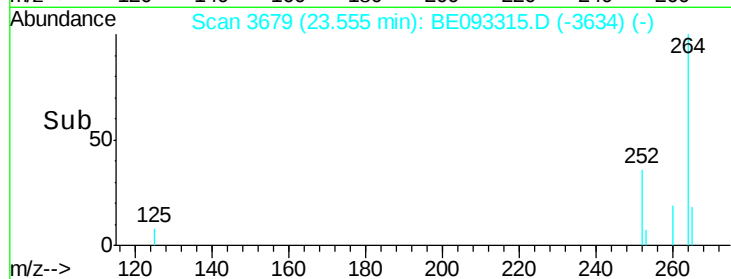
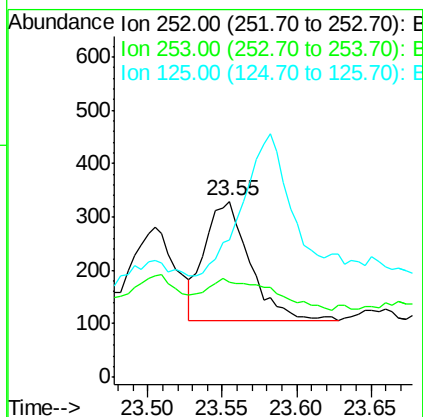
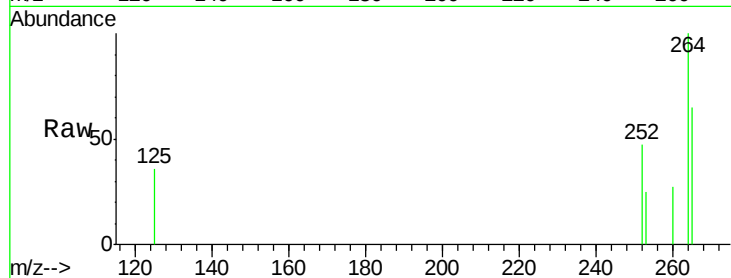
Tgt Ion:252 Resp: 463

Ion Ratio Lower Upper

252 100

253 53.9 28.5 42.7#

125 77.6 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.01 ng/ul

RT: 26.18 min Scan# 4251

Delta R.T. -0.01 min

Lab File: BE093315.D

Acq: 21 Jun 2017 14:52

Tgt Ion:276 Resp: 393

Ion Ratio Lower Upper

276 100

138 50.6 28.0 42.0#

227 0.0 8.0 12.0#

