

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072417\
 Data File : BE093552.D
 Acq On : 24 Jul 2017 23:37
 Operator : SJ/JU
 Sample : I4209-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B05

Quant Time: Jul 25 01:24:51 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 24 18:07:15 2017
 Response via : Initial Calibration

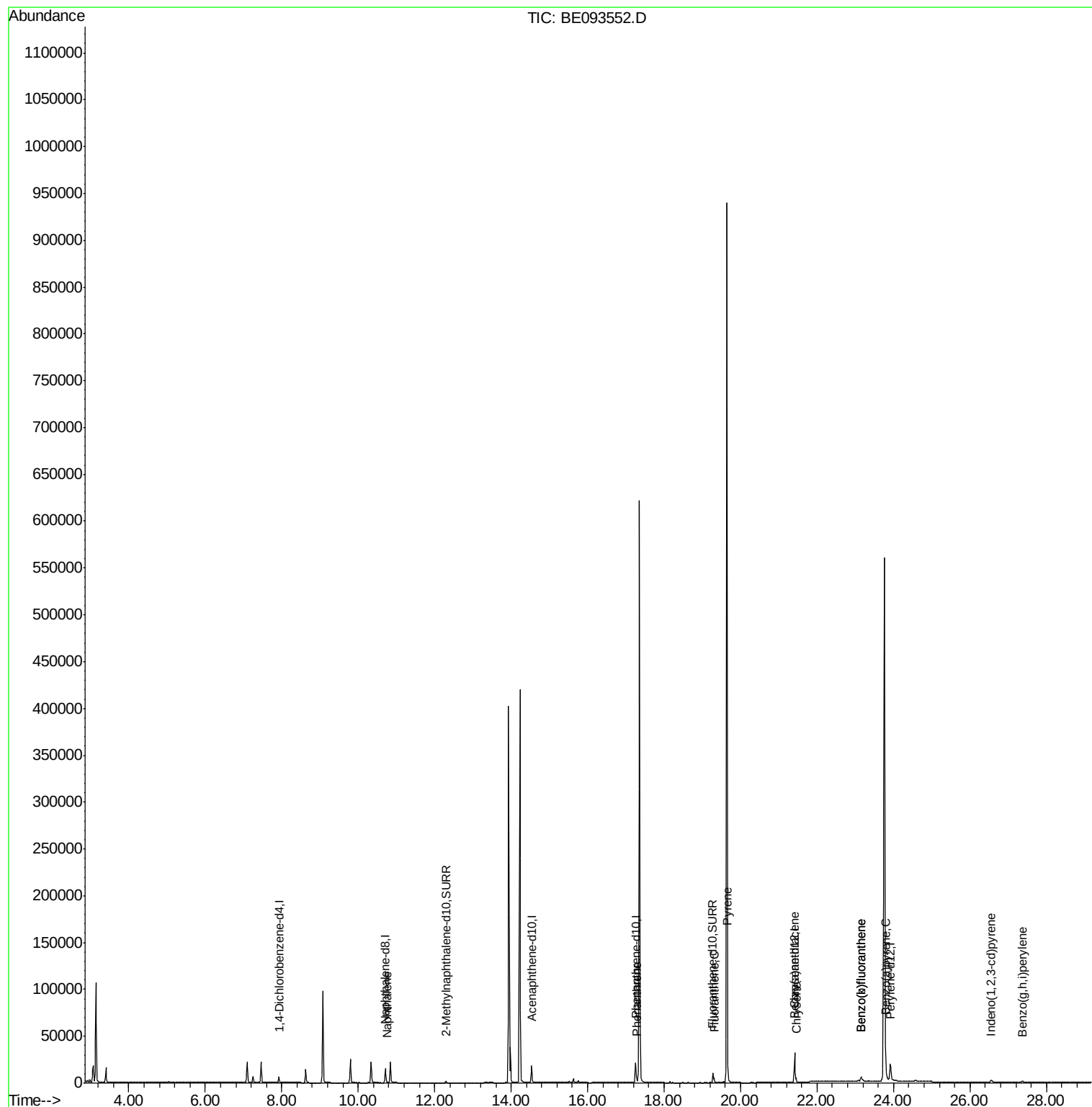
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3014	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	15788	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	10214	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	26036	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	29963	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	30657	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	3066	0.12	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	11238	0.14	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.76	128	777	0.020	ng/ul#	79
12) Phenanthrene	17.29	178	2448	0.035	ng/ul#	89
15) Fluoranthene	19.31	202	6342	0.072	ng/ul	85
17) Pyrene	19.67	202	8259	0.094	ng/ul#	85
18) Benzo(a)anthracene	21.40	228	4628	0.053	ng/ul#	88
19) Chrysene	21.45	228	5282	0.063	ng/ul	95
21) Benzo(b)fluoranthene	23.15	252	10924	0.115	ng/ul	87
22) Benzo(k)fluoranthene	23.15	252	10924	0.117	ng/ul#	85
23) Benzo(a)pyrene	23.81	252	5886	0.065	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.55	276	4077	0.041	ng/ul#	88
26) Benzo(g,h,i)perylene	27.37	276	3596	0.043	ng/ul	91

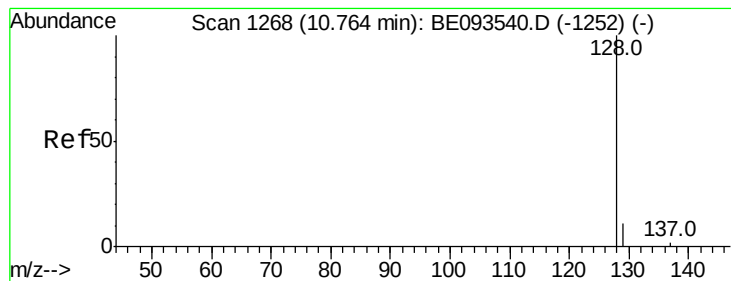
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.020 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BE093552.D

Acq: 24 Jul 2017 23:37

Instrument :

BNA_E

ClientSampleId :

C0B05

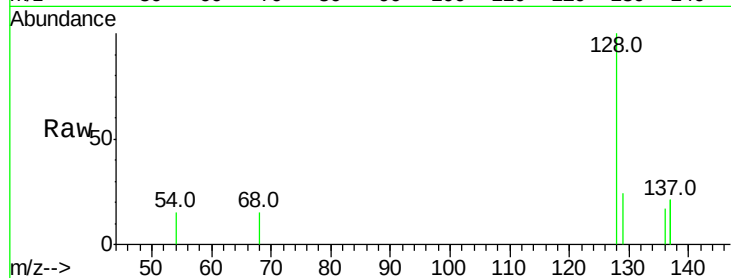
Tot Ion:128 Resp: 777

Ion Ratio Lower Upper

128 100

129 23.8 11.3 16.9#

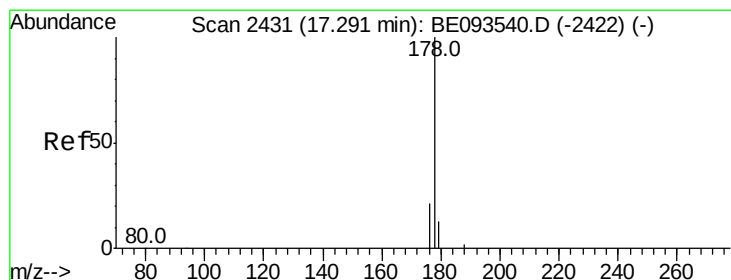
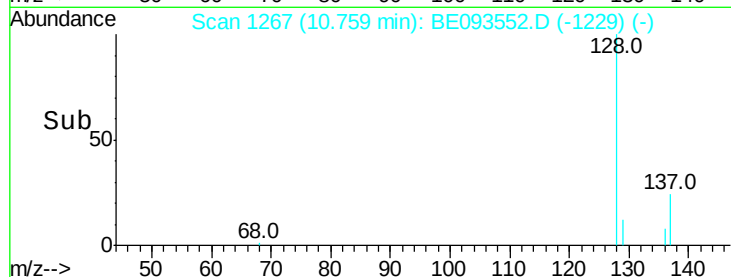
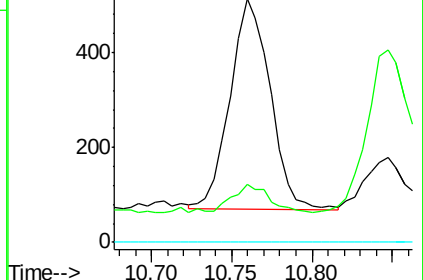
127 0.0 4.0 6.0#



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: 0.035 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE093552.D

Acq: 24 Jul 2017 23:37

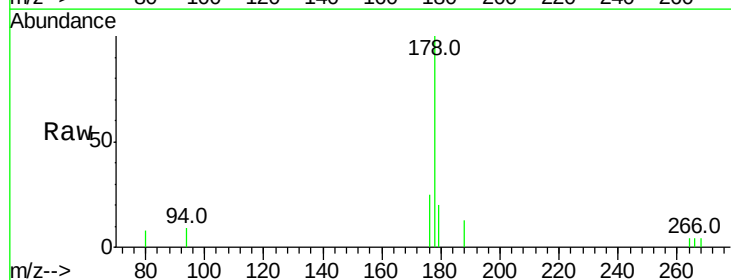
Tgt Ion:178 Resp: 2448

Ion Ratio Lower Upper

178 100

179 19.9 18.4 27.6

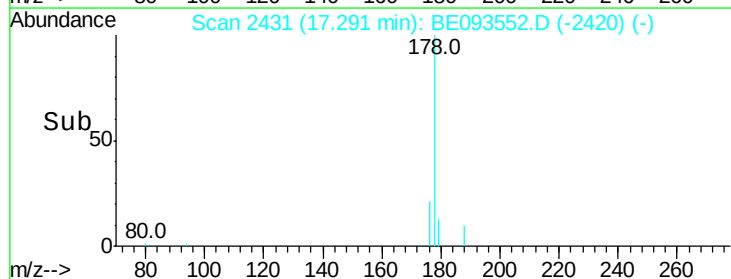
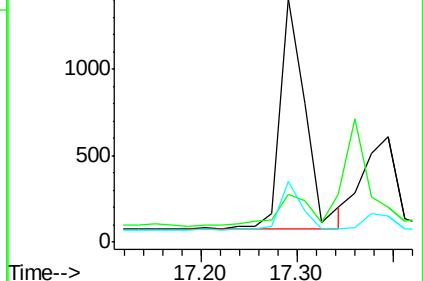
176 24.9 13.6 20.4#

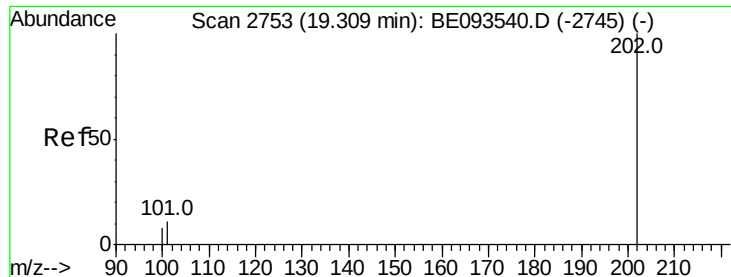


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.072 ng/ul

RT: 19.31 min Scan# 2753

Delta R.T. -0.00 min

Lab File: BE093552.D

Acq: 24 Jul 2017 23:37

Instrument :

BNA_E

ClientSampleId :

C0B05

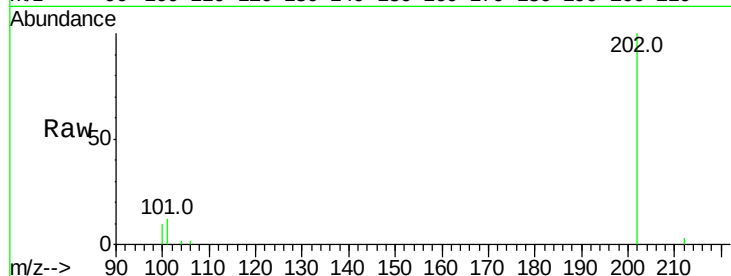
Tot Ion:202 Resp: 6342

Ion Ratio Lower Upper

202 100

101 12.0 0.0 30.3

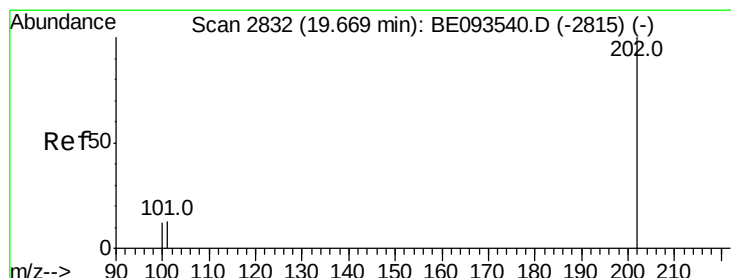
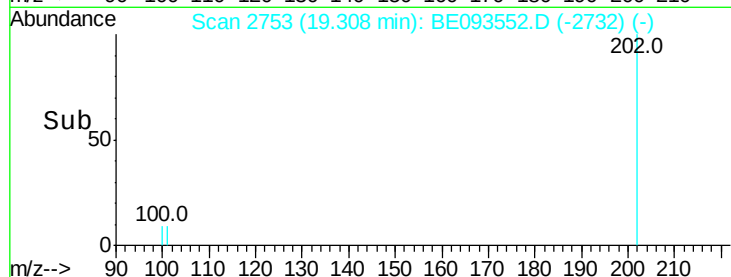
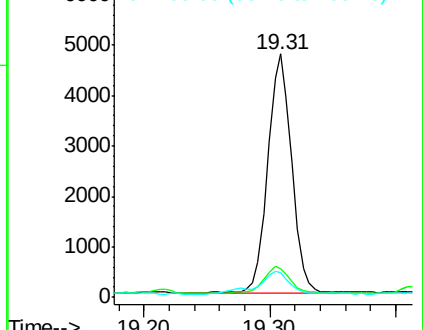
100 10.3 0.0 39.5



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: 0.094 ng/ul

RT: 19.67 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BE093552.D

Acq: 24 Jul 2017 23:37

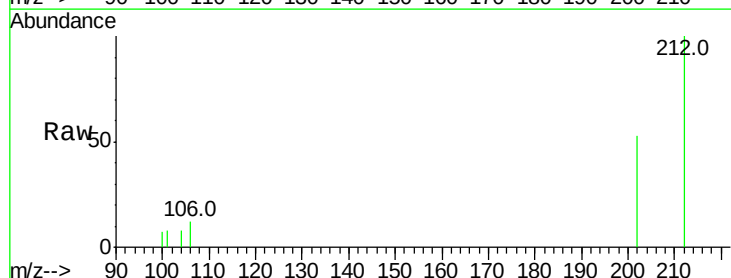
Tgt Ion:202 Resp: 8259

Ion Ratio Lower Upper

202 100

101 14.4 18.2 27.4#

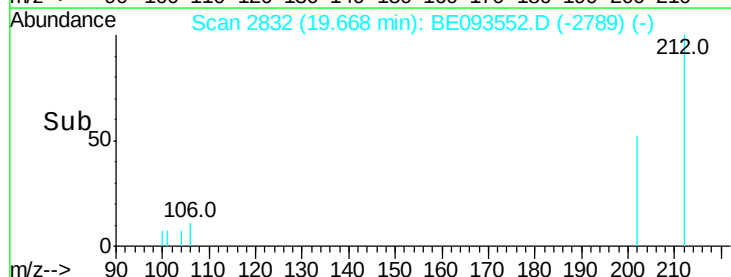
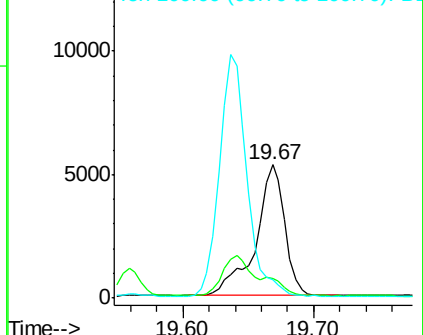
100 13.8 15.6 23.4#

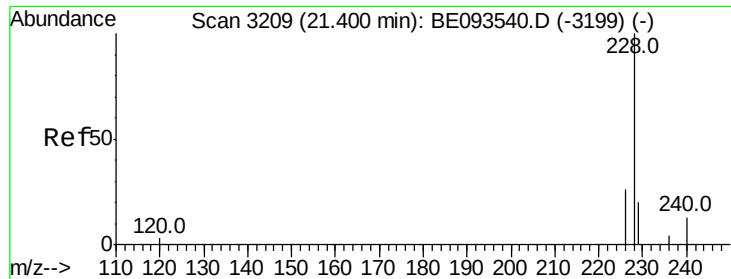


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.053 ng/ul

RT: 21.40 min Scan# 3208

Delta R.T. -0.00 min

Lab File: BE093552.D

Acq: 24 Jul 2017 23:37

Instrument :

BNA_E

ClientSampleId :

C0B05

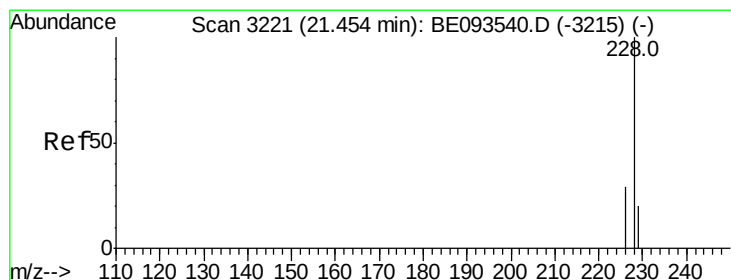
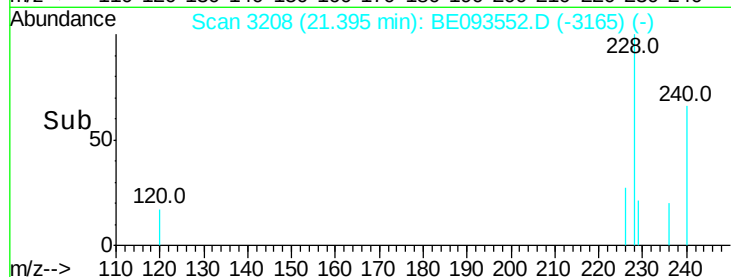
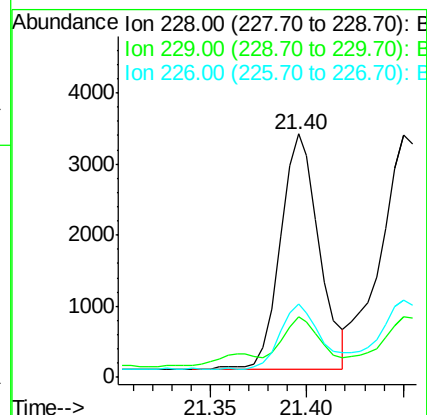
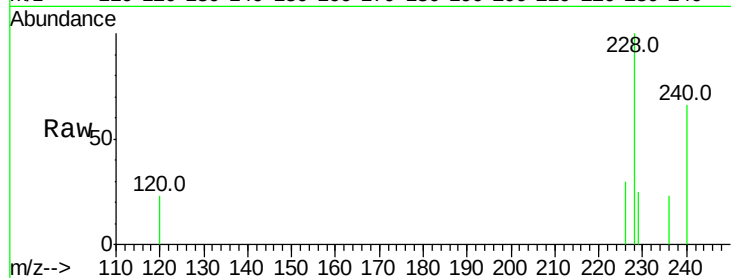
Tot Ion:228 Resp: 4628

Ion Ratio Lower Upper

228 100

229 25.1 22.8 34.2

226 30.0 17.0 25.6#



#19

Chrysene

Concen: 0.063 ng/ul

RT: 21.45 min Scan# 3220

Delta R.T. -0.00 min

Lab File: BE093552.D

Acq: 24 Jul 2017 23:37

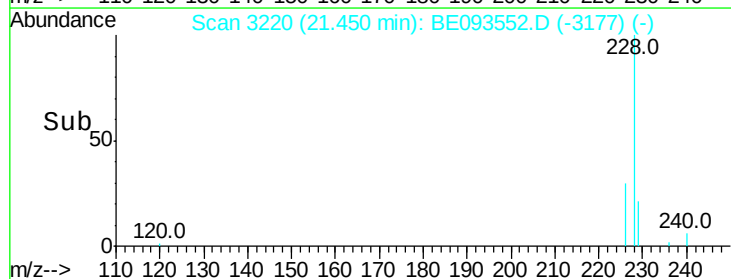
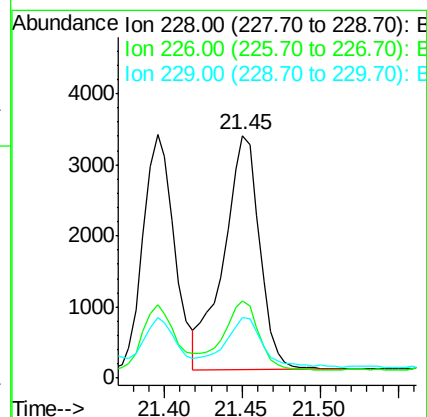
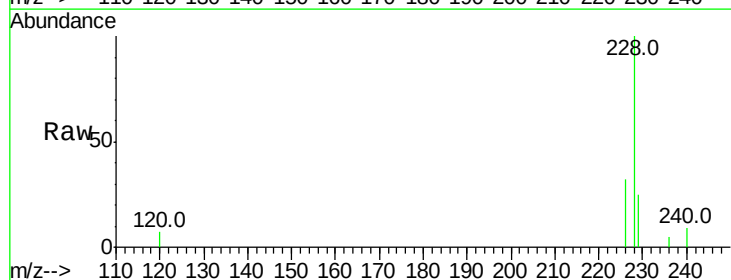
Tgt Ion:228 Resp: 5282

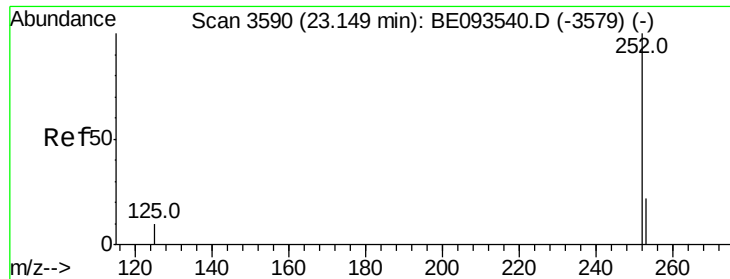
Ion Ratio Lower Upper

228 100

226 32.0 23.4 35.0

229 24.9 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.115 ng/ul

RT: 23.15 min Scan# 3590

Delta R.T. 0.00 min

Lab File: BE093552.D

Acq: 24 Jul 2017 23:37

Instrument :

BNA_E

ClientSampleId :

C0B05

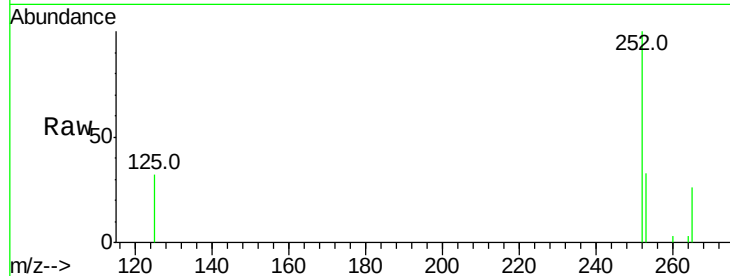
Tot Ion:252 Resp: 10924

Ion Ratio Lower Upper

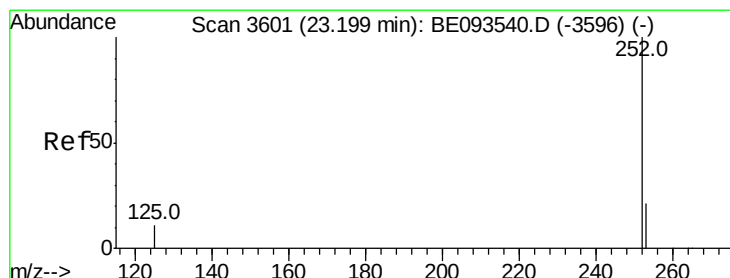
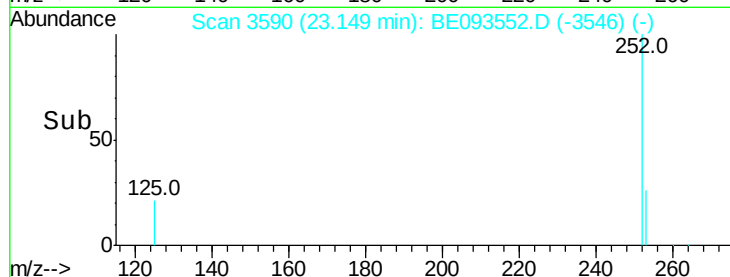
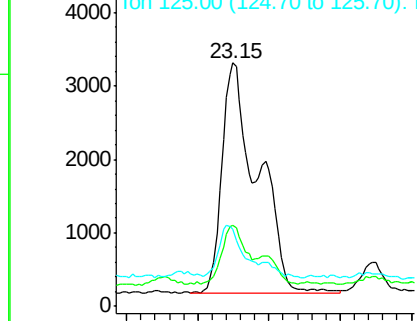
252 100

253 33.3 0.0 64.2

125 31.6 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: 0.117 ng/ul

RT: 23.15 min Scan# 3590

Delta R.T. -0.05 min

Lab File: BE093552.D

Acq: 24 Jul 2017 23:37

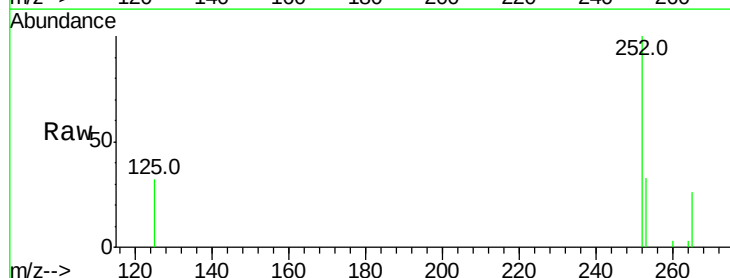
Tgt Ion:252 Resp: 10924

Ion Ratio Lower Upper

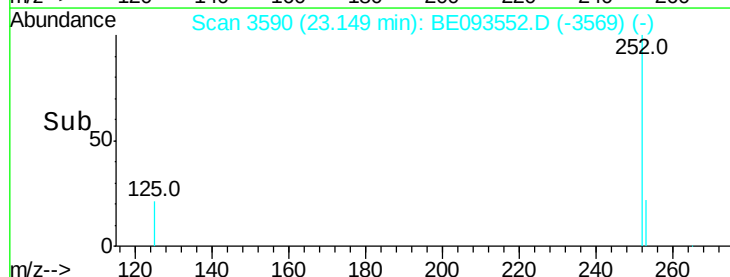
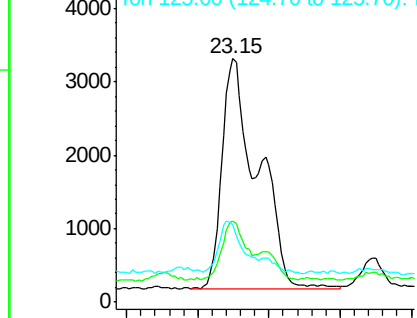
252 100

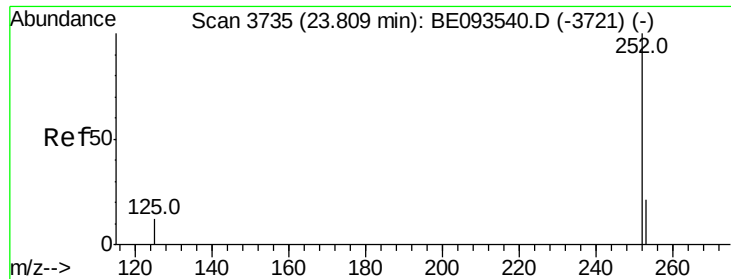
253 33.3 24.5 36.7

125 31.6 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: 0.065 ng/ul

RT: 23.81 min Scan# 3734

Delta R.T. -0.00 min

Lab File: BE093552.D

Acq: 24 Jul 2017 23:37

Instrument :

BNA_E

ClientSampleId :

C0B05

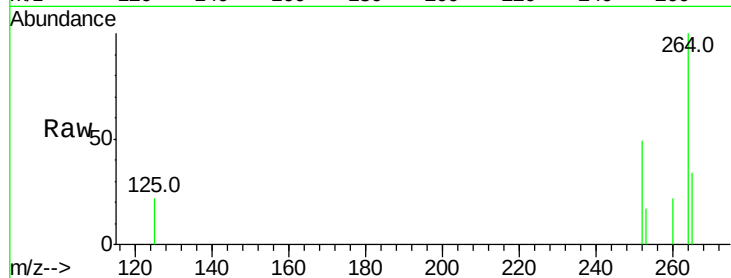
Tot Ion:252 Resp: 5886

Ion Ratio Lower Upper

252 100

253 35.1 28.5 42.7

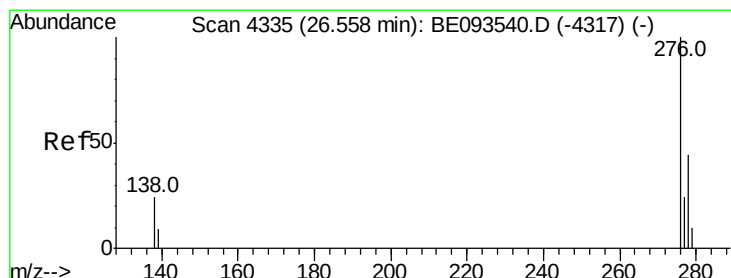
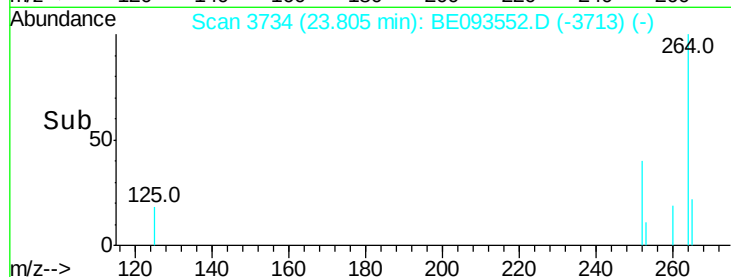
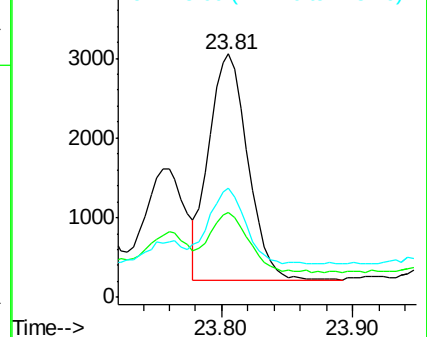
125 44.7 18.1 27.1#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.041 ng/ul

RT: 26.55 min Scan# 4334

Delta R.T. -0.01 min

Lab File: BE093552.D

Acq: 24 Jul 2017 23:37

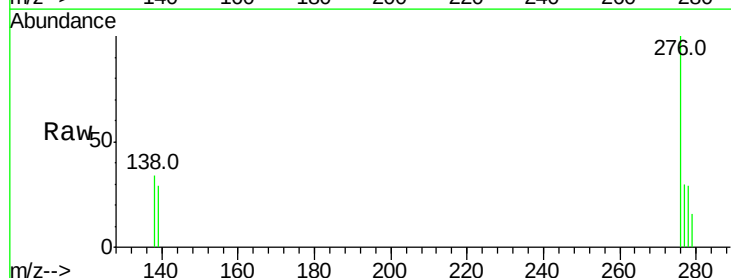
Tgt Ion:276 Resp: 4077

Ion Ratio Lower Upper

276 100

138 30.6 28.0 42.0

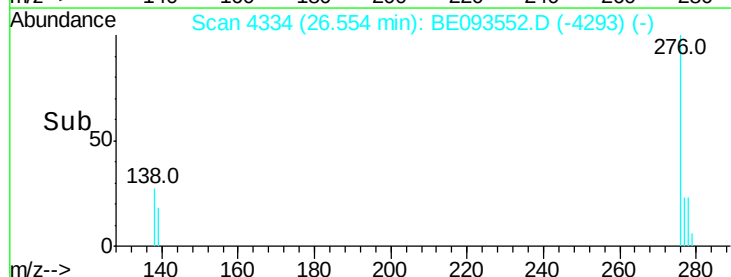
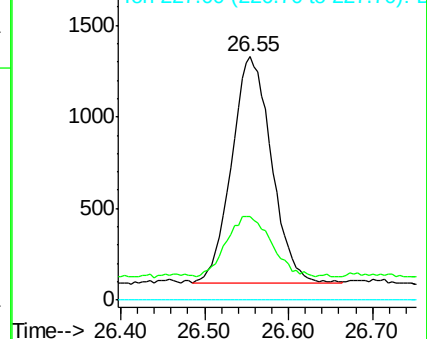
227 0.0 8.0 12.0#

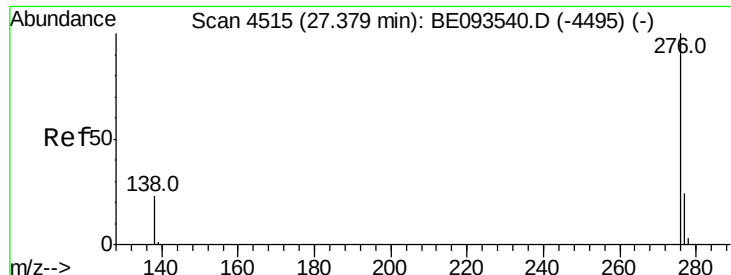


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.043 ng/ul

RT: 27.37 min Scan# 4513

Delta R.T. -0.01 min

Lab File: BE093552.D

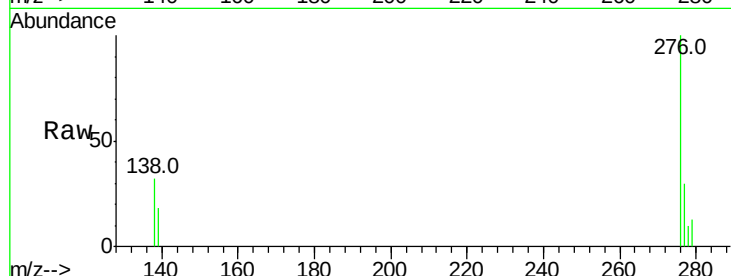
Acq: 24 Jul 2017 23:37

Instrument :

BNA_E

ClientSampleId :

C0B05



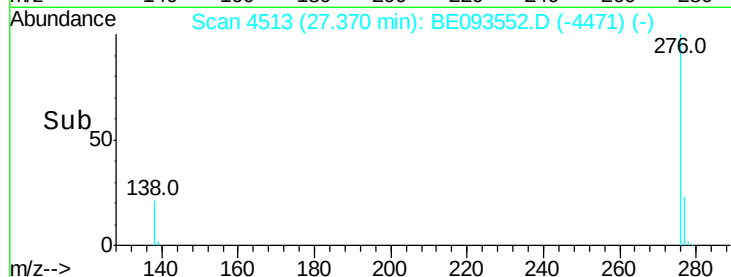
Tot Ion:276 Resp: 3596

Ion Ratio Lower Upper

276 100

138 31.6 21.8 32.8

277 30.2 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

