

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094386.D
 Acq On : 15 Oct 2017 10:44
 Operator : SJ/JU
 Sample : I5522-14DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 16 06:54:30 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 06:50:03 2017
 Response via : Initial Calibration

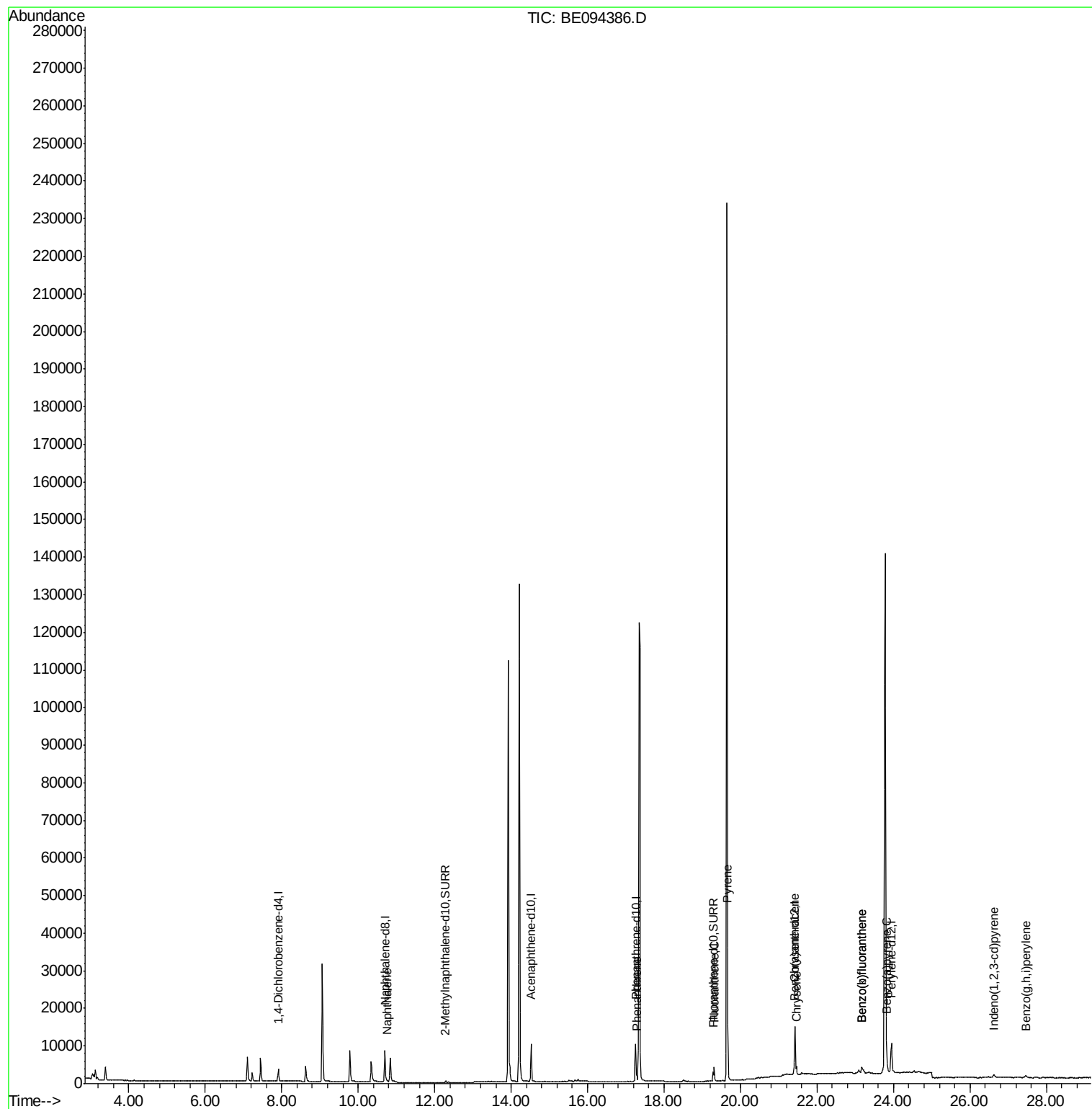
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1711	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	9281	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5606	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	12829	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	12566	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	12847	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	994	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	2835	0.07	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	699	0.031	ng/ul#	73
12) Phenanthrene	17.29	178	1605	0.048	ng/ul#	91
15) Fluoranthene	19.31	202	4122	0.094	ng/ul	84
17) Pyrene	19.67	202	4192	0.120	ng/ul#	88
18) Benzo(a)anthracene	21.40	228	2137	0.064	ng/ul#	60
19) Chrysene	21.46	228	2341	0.061	ng/ul#	64
21) Benzo(b)fluoranthene	23.17	252	4274	0.122	ng/ul#	56
22) Benzo(k)fluoranthene	23.17	252	4274	0.106	ng/ul#	53
23) Benzo(a)pyrene	23.83	252	1993	0.055	ng/ul#	42
24) Indeno(1,2,3-cd)pyrene	26.62	276	1410	0.038	ng/ul#	84
26) Benzo(g,h,i)perylene	27.46	276	1403	0.044	ng/ul#	36

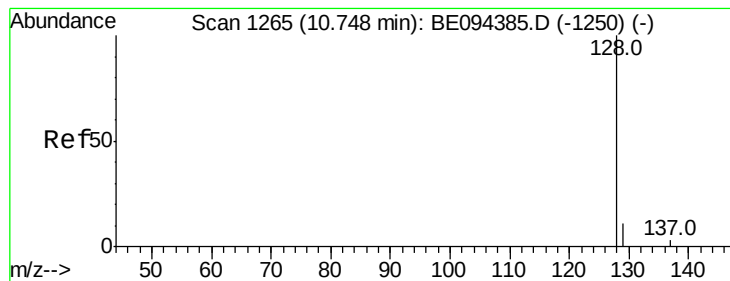
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.031 ng/ul

RT: 10.75 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE094386.D

Acq: 15 Oct 2017 10:44

Instrument :

BNA_E

ClientSampleId :

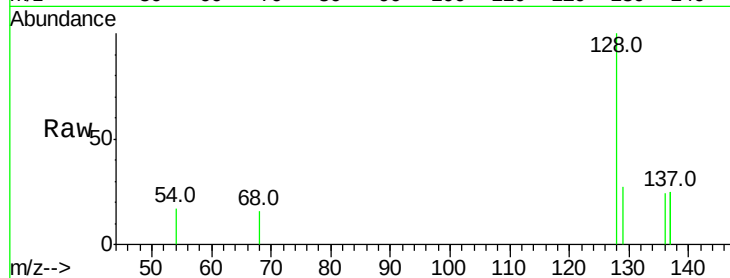
Tot Ion:128 Resp: 699

Ion Ratio Lower Upper

128 100

129 26.7 11.3 16.9#

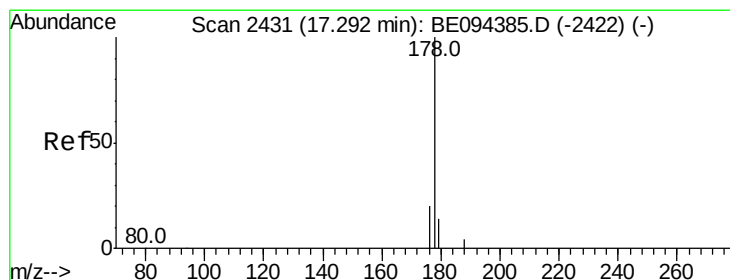
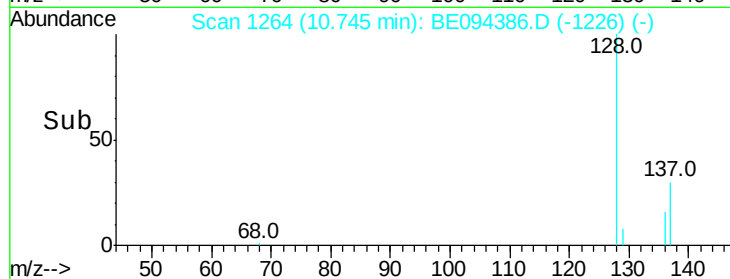
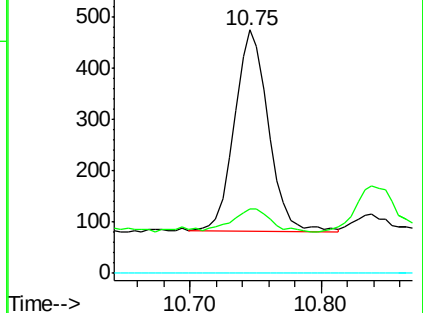
127 0.0 4.0 6.0#



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: 0.048 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BE094386.D

Acq: 15 Oct 2017 10:44

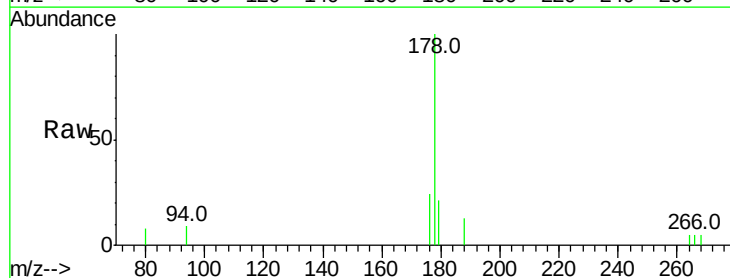
Tgt Ion:178 Resp: 1605

Ion Ratio Lower Upper

178 100

179 21.2 18.4 27.6

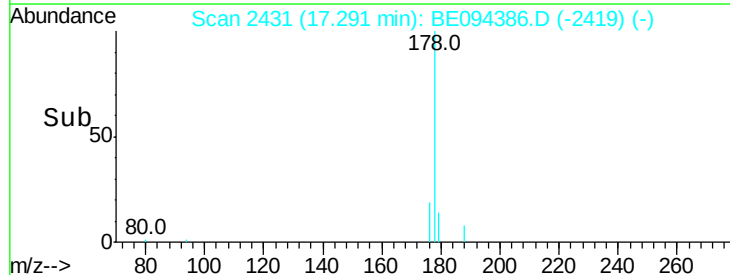
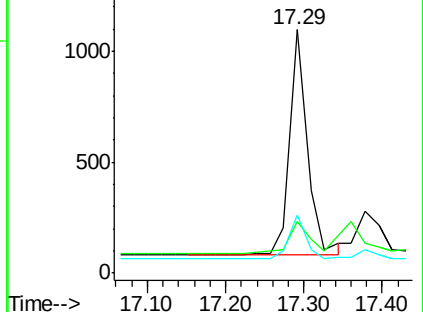
176 23.8 13.6 20.4#

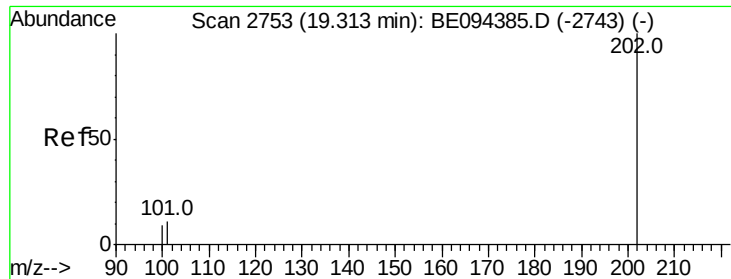


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

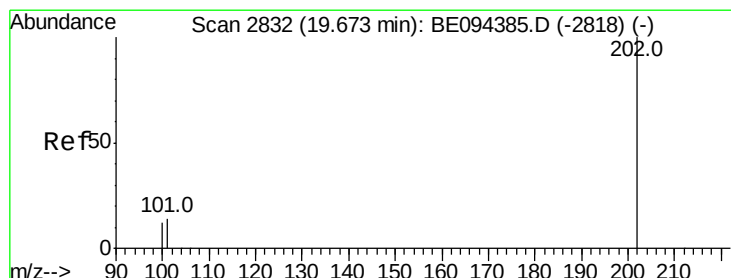
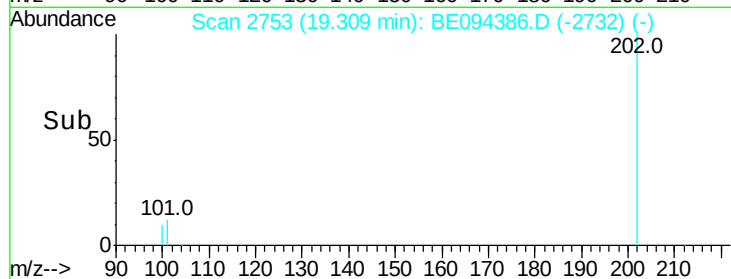
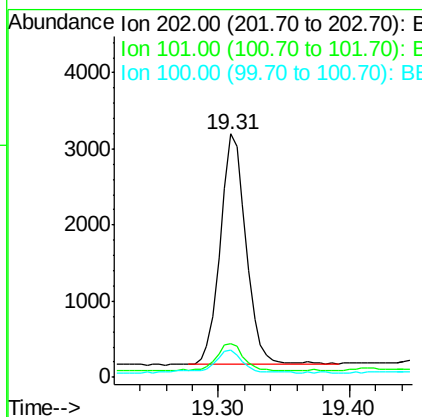
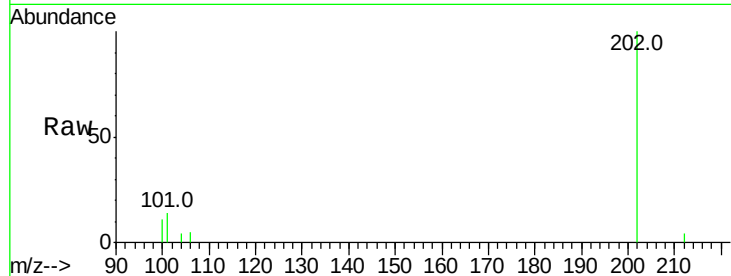




#15
Fluoranthene
 Concen: 0.094 ng/ul
 RT: 19.31 min Scan# 2753
 Delta R.T. -0.00 min
 Lab File: BE094386.D
 Acq: 15 Oct 2017 10:44

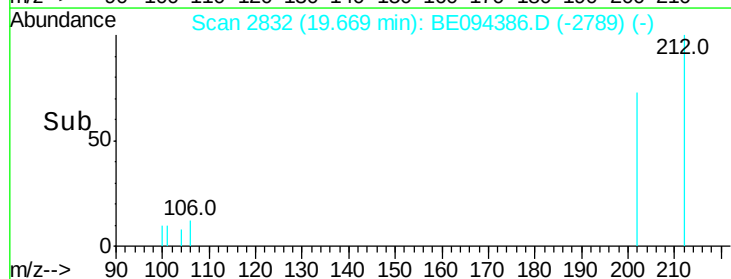
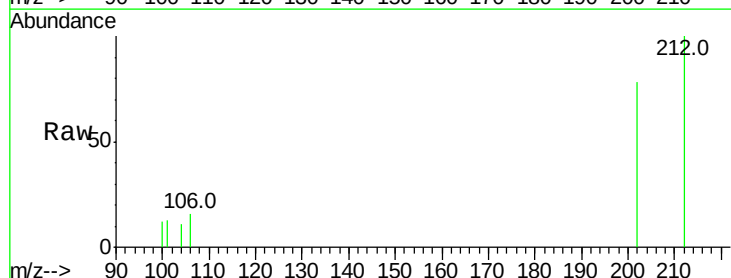
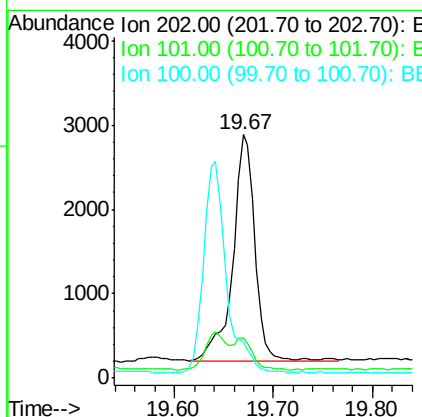
Instrument :
 BNA_E
 ClientSampleId :

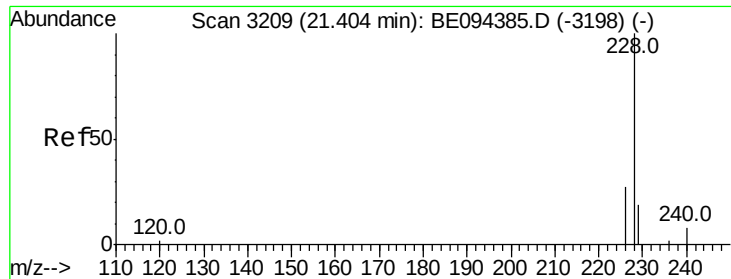
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	30.3
100	11.0	0.0	39.5



#17
Pyrene
 Concen: 0.120 ng/ul
 RT: 19.67 min Scan# 2832
 Delta R.T. -0.00 min
 Lab File: BE094386.D
 Acq: 15 Oct 2017 10:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.3	18.2	27.4#
100	14.8	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 0.064 ng/ul

RT: 21.40 min Scan# 3209

Delta R.T. -0.00 min

Lab File: BE094386.D

Acq: 15 Oct 2017 10:44

Instrument :

BNA_E

ClientSampleId :

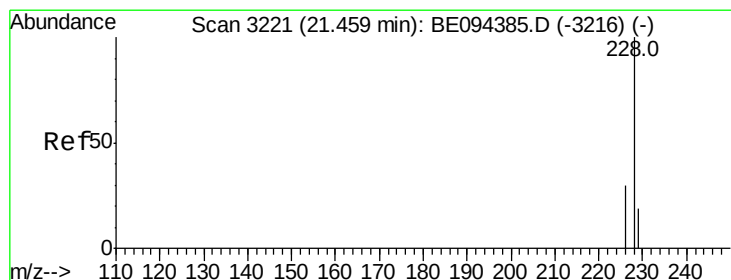
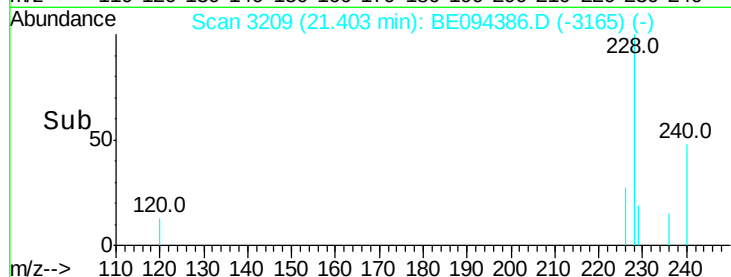
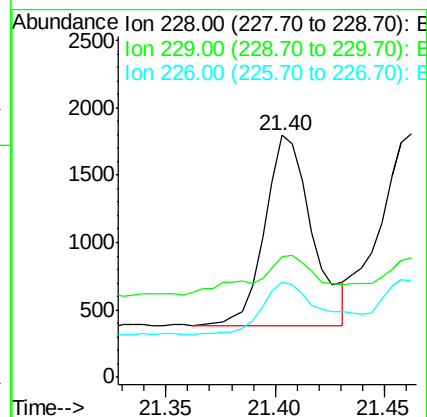
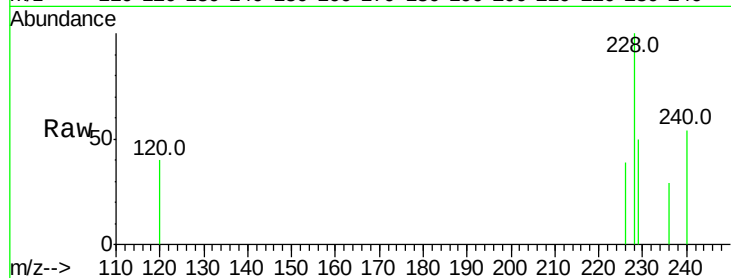
Tot Ion:228 Resp: 2137

Ion Ratio Lower Upper

228 100

229 50.0 22.8 34.2#

226 39.5 17.0 25.6#



#19

Chrysene

Concen: 0.061 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. 0.00 min

Lab File: BE094386.D

Acq: 15 Oct 2017 10:44

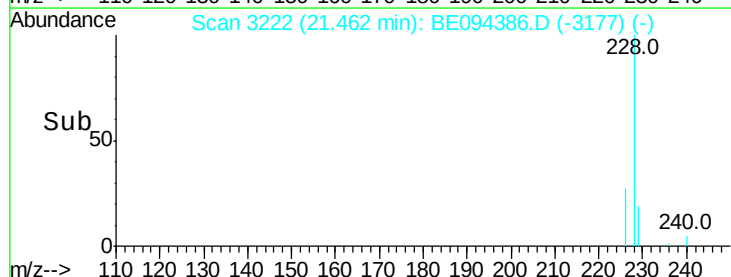
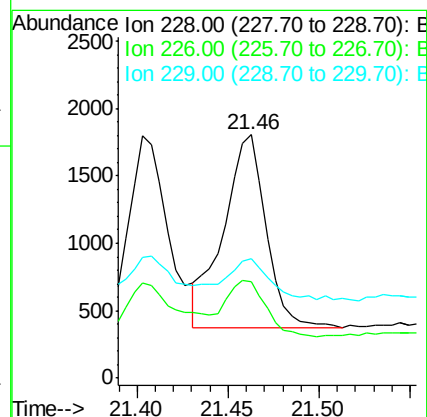
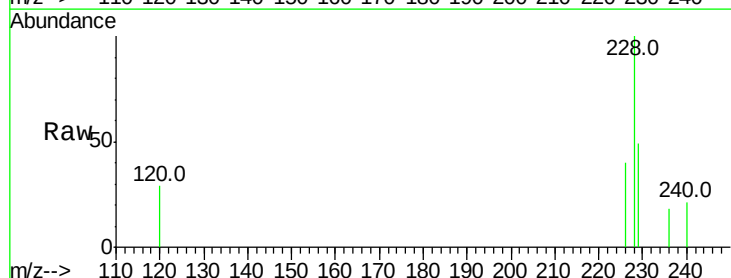
Tgt Ion:228 Resp: 2341

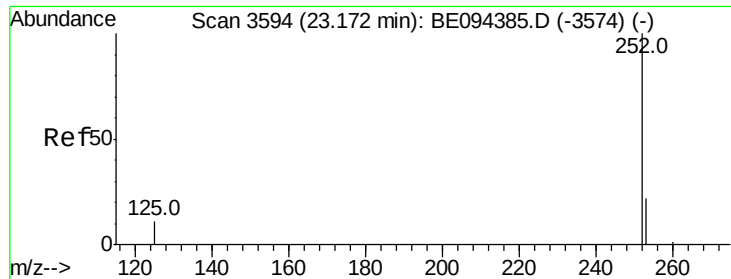
Ion Ratio Lower Upper

228 100

226 39.8 23.4 35.0#

229 49.2 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.122 ng/ul

RT: 23.17 min Scan# 3594

Delta R.T. 0.00 min

Lab File: BE094386.D

Acq: 15 Oct 2017 10:44

Instrument :

BNA_E

ClientSampleId :

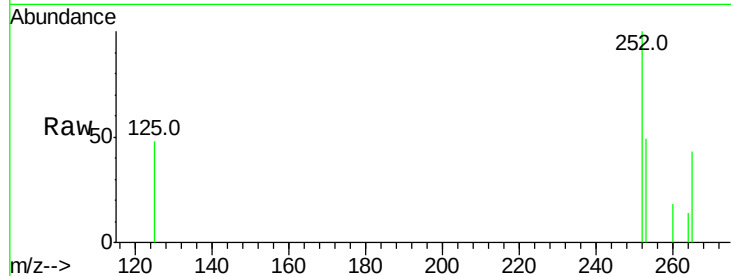
Tot Ion:252 Resp: 4274

Ion Ratio Lower Upper

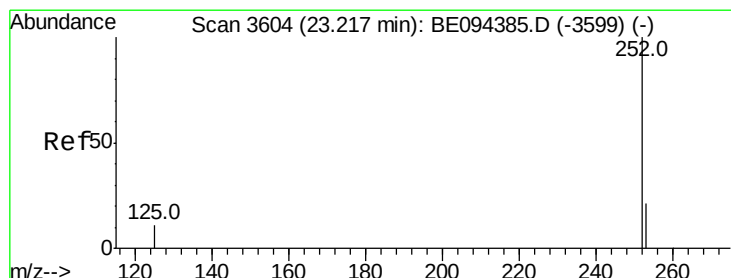
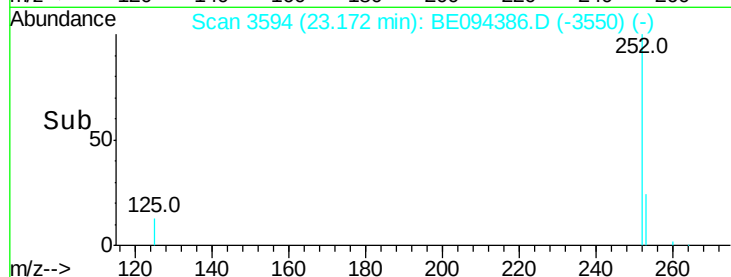
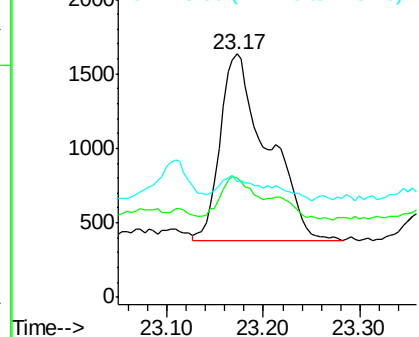
252 100

253 49.3 0.0 64.2

125 47.7 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: 0.106 ng/ul

RT: 23.17 min Scan# 3594

Delta R.T. -0.05 min

Lab File: BE094386.D

Acq: 15 Oct 2017 10:44

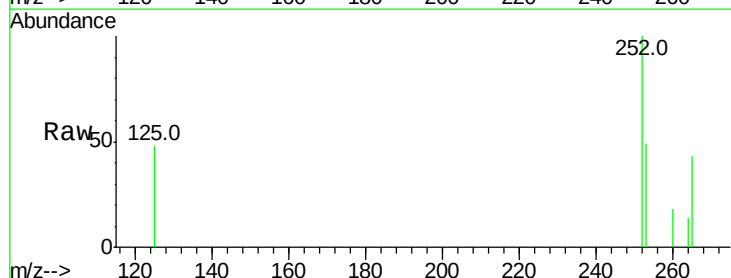
Tgt Ion:252 Resp: 4274

Ion Ratio Lower Upper

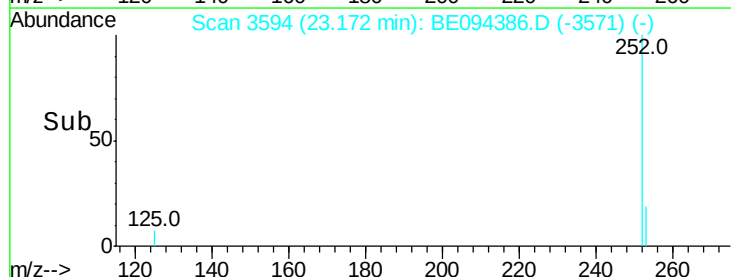
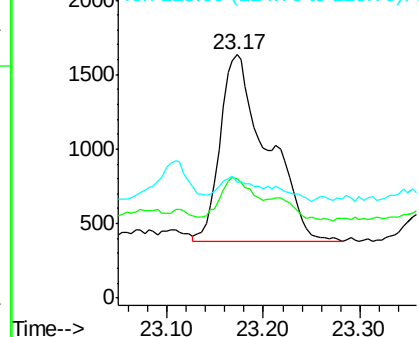
252 100

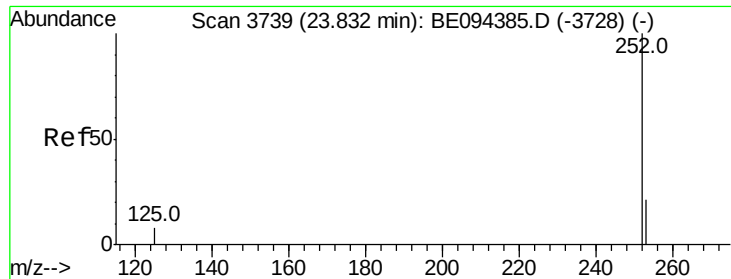
253 49.3 24.5 36.7#

125 47.7 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: 0.055 ng/ul

RT: 23.83 min Scan# 3739

Delta R.T. 0.00 min

Lab File: BE094386.D

Acq: 15 Oct 2017 10:44

Instrument :

BNA_E

ClientSampleId :

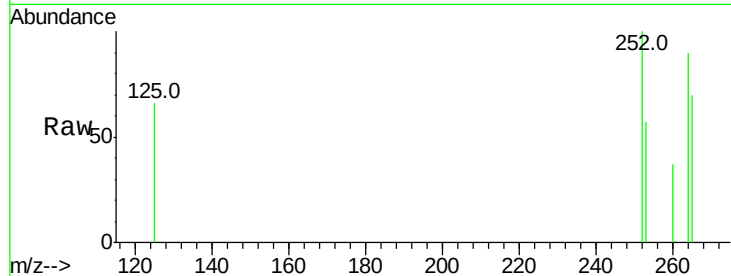
Tot Ion:252 Resp: 1993

Ion Ratio Lower Upper

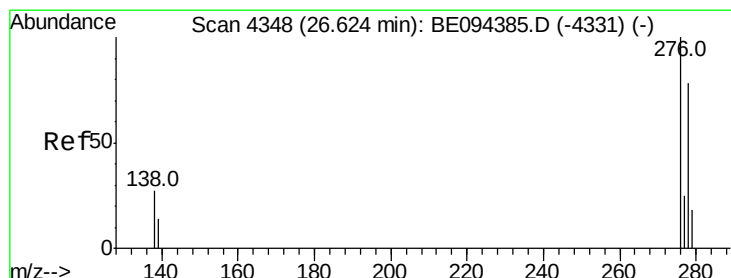
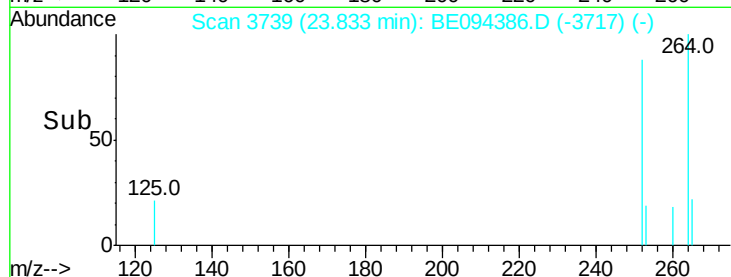
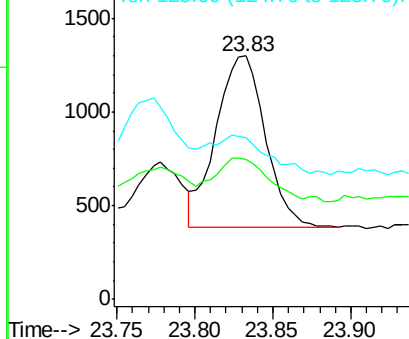
252 100

253 57.3 28.5 42.7#

125 66.4 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: 0.038 ng/ul

RT: 26.62 min Scan# 4348

Delta R.T. -0.00 min

Lab File: BE094386.D

Acq: 15 Oct 2017 10:44

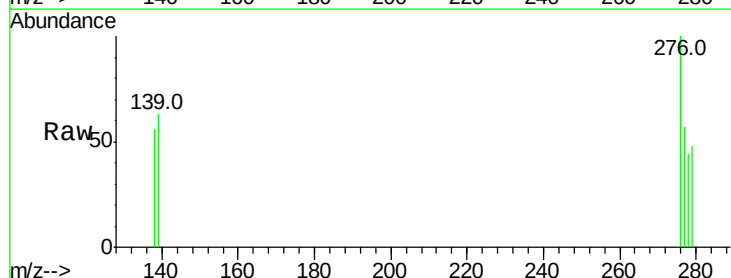
Tgt Ion:276 Resp: 1410

Ion Ratio Lower Upper

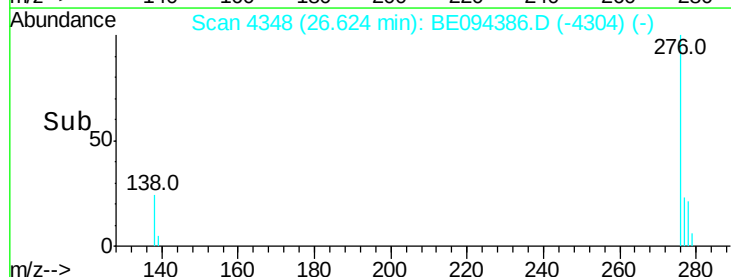
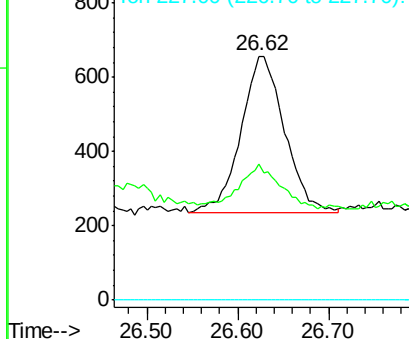
276 100

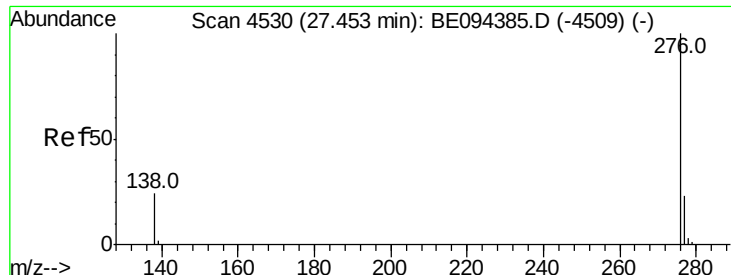
138 27.3 28.0 42.0#

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: 0.044 ng/ul

RT: 27.46 min Scan# 4532

Delta R.T. 0.01 min

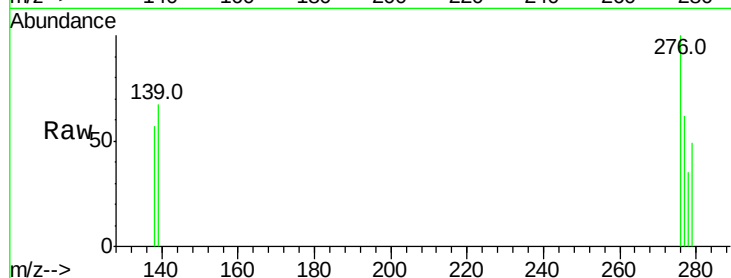
Lab File: BE094386.D

Acq: 15 Oct 2017 10:44

Instrument :

BNA_E

ClientSampleId :



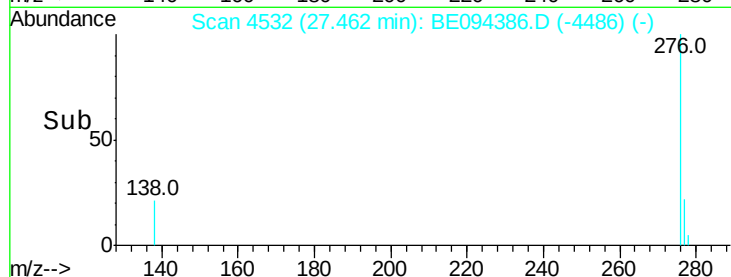
Tot Ion: 276 Resp: 1403

Ion Ratio Lower Upper

276 100

138 56.9 21.8 32.8#

277 62.1 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

