

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094388.D
 Acq On : 15 Oct 2017 11:59
 Operator : SJ/JU
 Sample : I5548-04DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 16 06:54:53 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

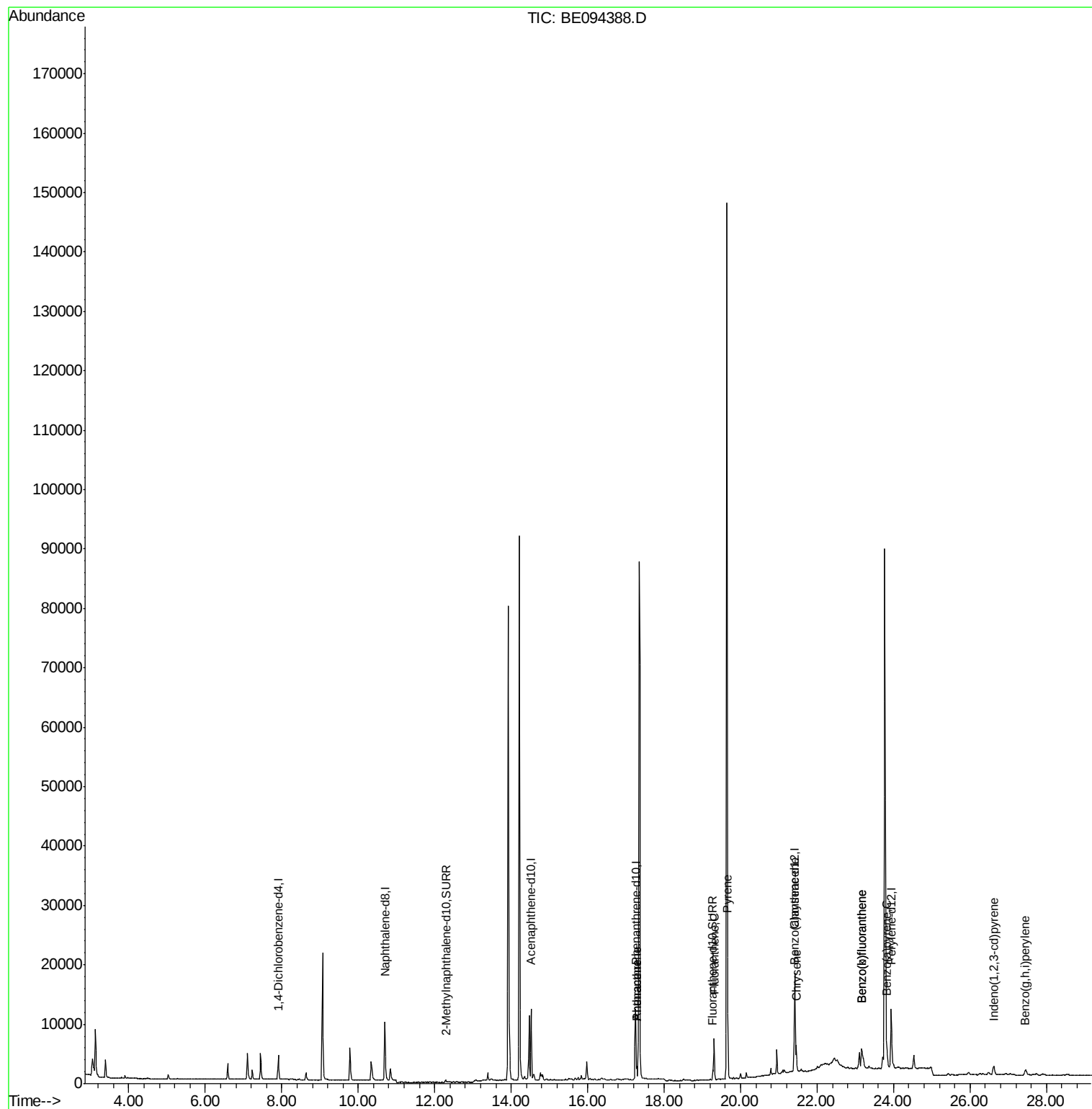
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	2110	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	11393	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	6898	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	15846	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	15504	0.40	ng/ul	0.00
20) Perylene-d12	23.94	264	14883	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	693	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1870	0.04	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.29	178	2629	0.063	ng/ul#	91
13) Anthracene	17.29	178	2498	0.062	ng/ul	93
15) Fluoranthene	19.31	202	7952	0.146	ng/ul	84
17) Pyrene	19.67	202	7091	0.164	ng/ul#	85
18) Benzo(a)anthracene	21.40	228	3552	0.086	ng/ul#	80
19) Chrysene	21.46	228	4860	0.102	ng/ul#	83
21) Benzo(b)fluoranthene	23.17	252	8547	0.211	ng/ul	87
22) Benzo(k)fluoranthene	23.17	252	8437	0.181	ng/ul#	84
23) Benzo(a)pyrene	23.82	252	3683	0.088	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	26.62	276	2779	0.065	ng/ul#	81
26) Benzo(g,h,i)perylene	27.45	276	2326	0.063	ng/ul#	62

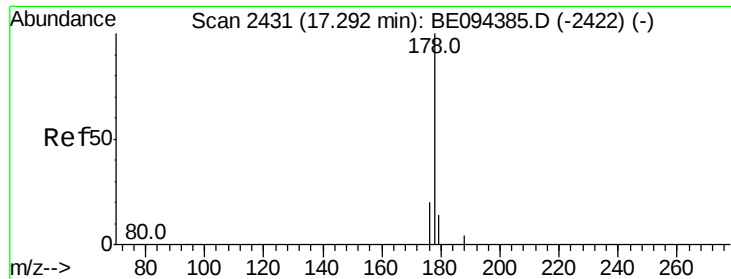
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094388.D
Acq On : 15 Oct 2017 11:59
Operator : SJ/JU
Sample : I5548-04DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 16 06:54:53 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





#12

Phenanthrene

Concen: 0.063 ng/ul

RT: 17.29 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BE094388.D

Acq: 15 Oct 2017 11:59

Instrument :

BNA_E

ClientSampleId :

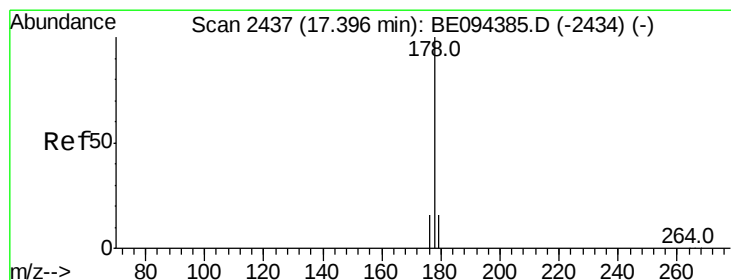
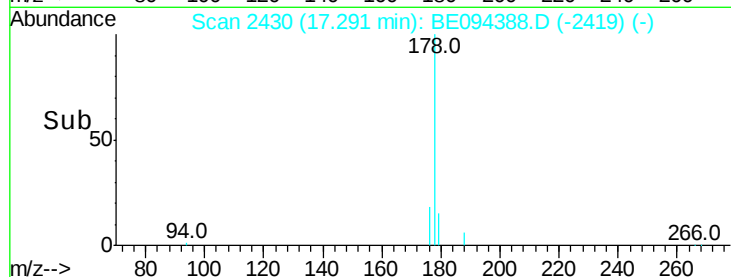
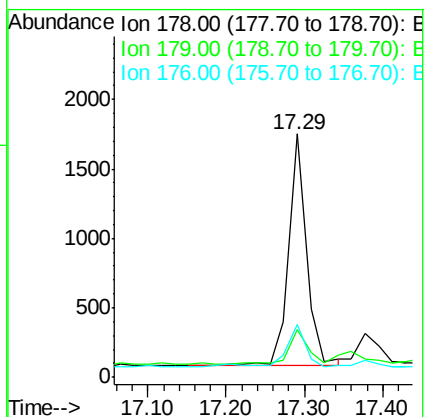
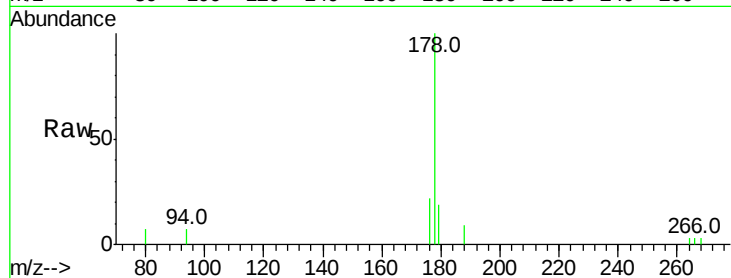
Tot Ion:178 Resp: 2629

Ion Ratio Lower Upper

178 100

179 19.5 18.4 27.6

176 21.9 13.6 20.4#



#13

Anthracene

Concen: 0.062 ng/ul

RT: 17.29 min Scan# 2430

Delta R.T. -0.10 min

Lab File: BE094388.D

Acq: 15 Oct 2017 11:59

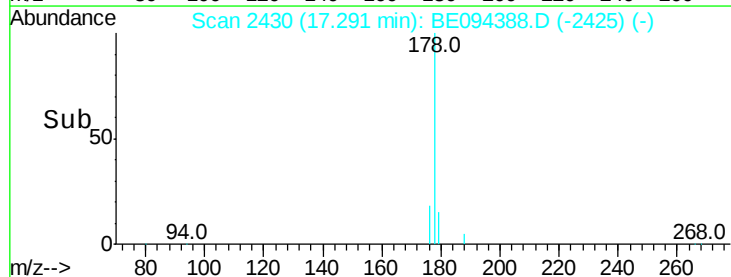
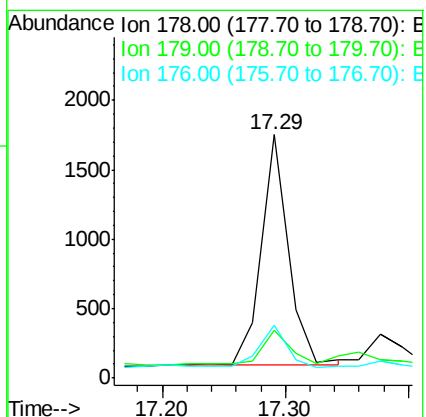
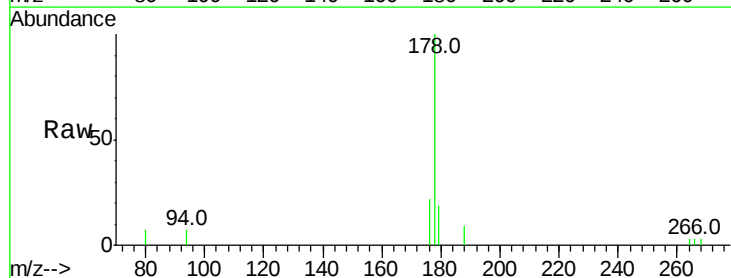
Tgt Ion:178 Resp: 2498

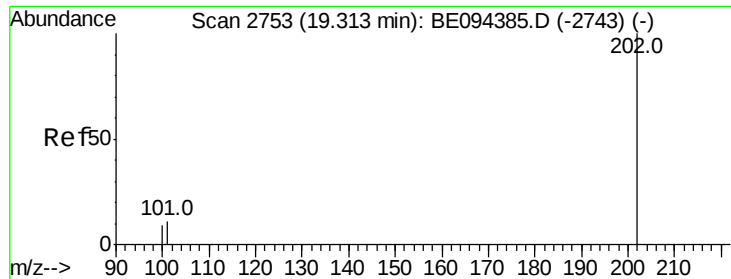
Ion Ratio Lower Upper

178 100

179 19.5 18.1 27.1

176 21.9 14.7 22.1

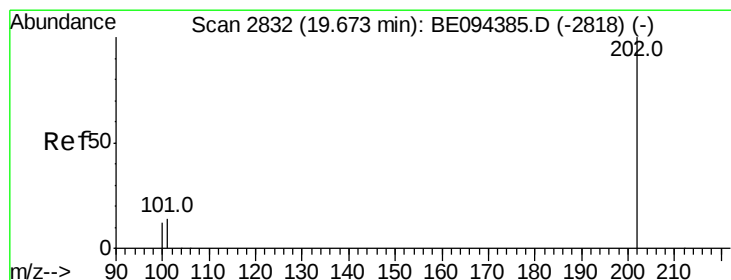
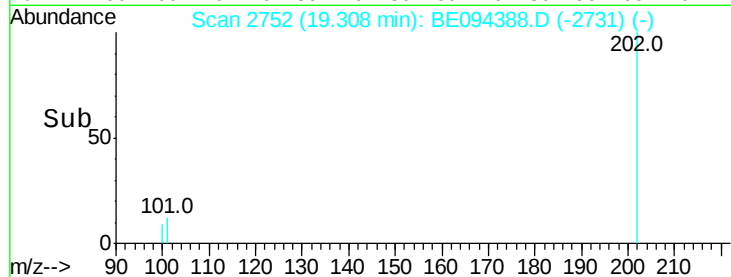
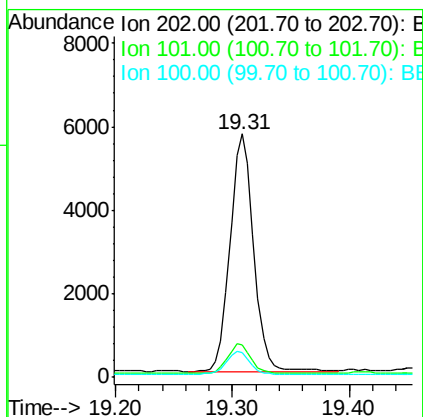
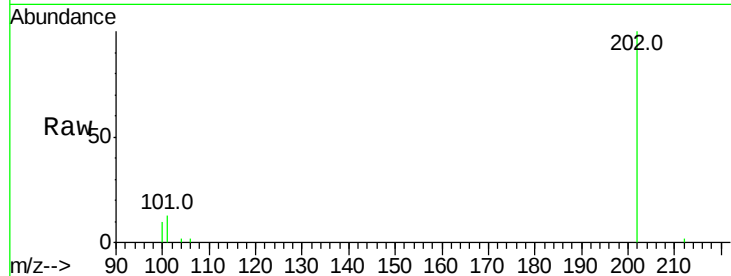




#15
Fluoranthene
 Concen: 0.146 ng/ul
 RT: 19.31 min Scan# 2752
 Delta R.T. -0.00 min
 Lab File: BE094388.D
 Acq: 15 Oct 2017 11:59

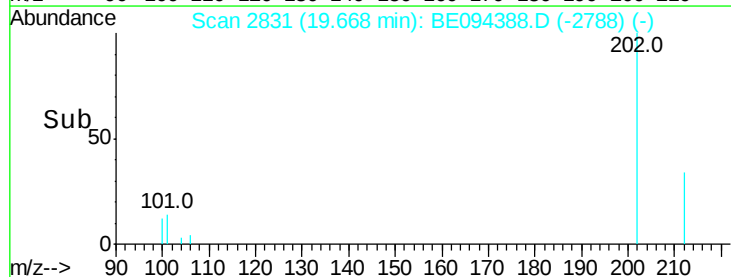
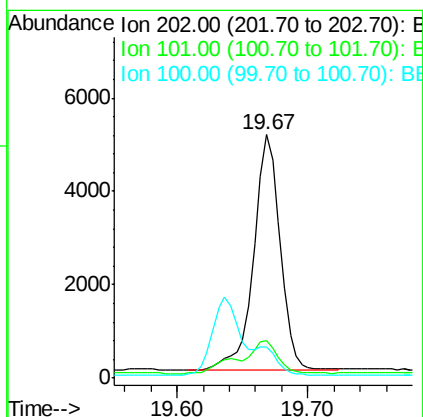
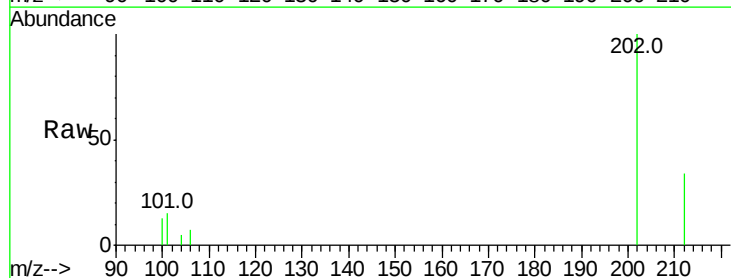
Instrument :
 BNA_E
 ClientSampleId :

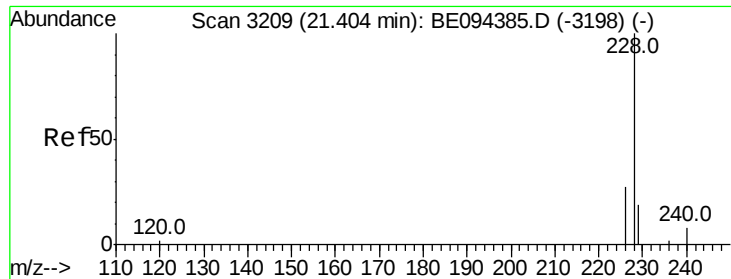
Tot Ion:202 Resp: 7952
 Ion Ratio Lower Upper
 202 100
 101 13.1 0.0 30.3
 100 10.1 0.0 39.5



#17
Pyrene
 Concen: 0.164 ng/ul
 RT: 19.67 min Scan# 2831
 Delta R.T. -0.00 min
 Lab File: BE094388.D
 Acq: 15 Oct 2017 11:59

Tgt Ion:202 Resp: 7091
 Ion Ratio Lower Upper
 202 100
 101 15.5 18.2 27.4#
 100 12.9 15.6 23.4#

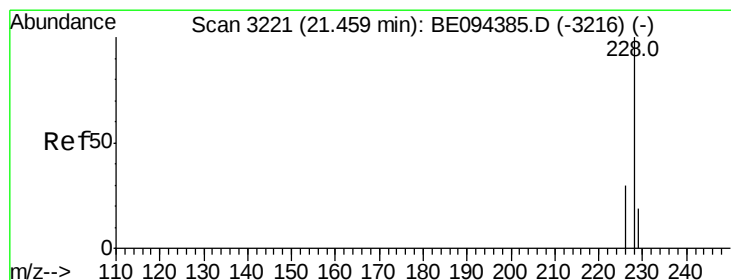
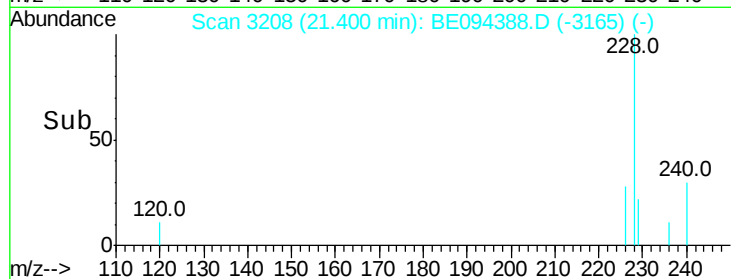
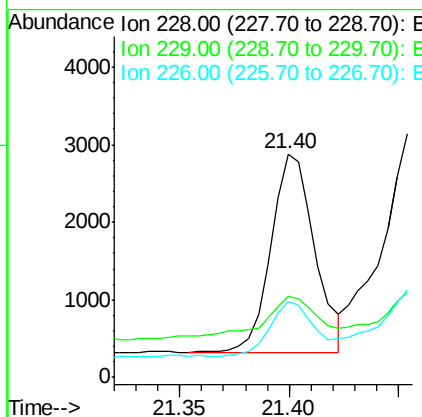
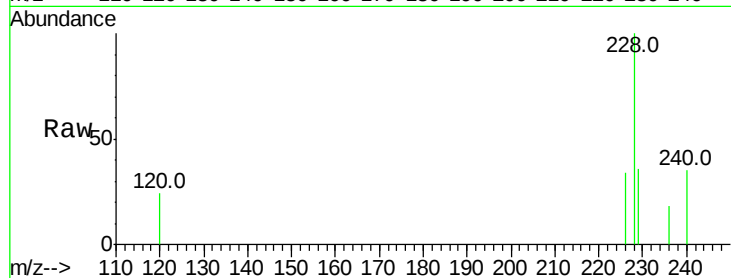




#18
Benzo(a)anthracene
Concen: 0.086 ng/ul
RT: 21.40 min Scan# 3208
Delta R.T. -0.00 min
Lab File: BE094388.D
Acq: 15 Oct 2017 11:59

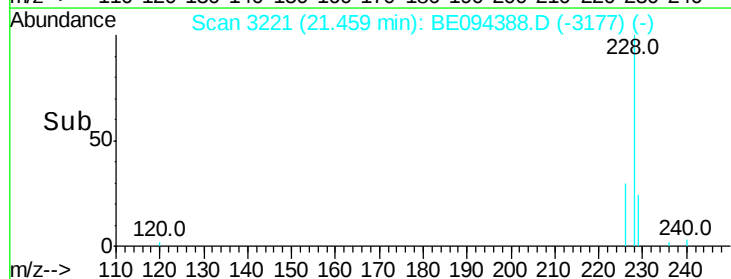
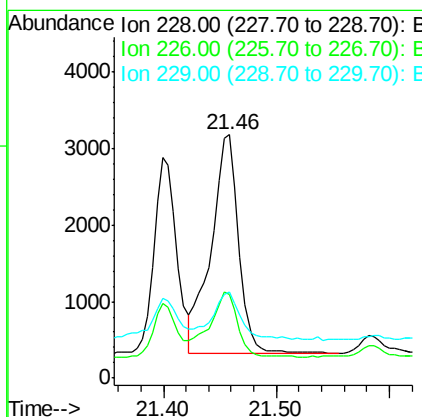
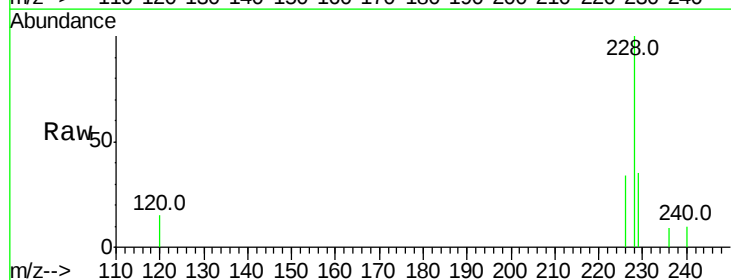
Instrument :
BNA_E
ClientSampleId :

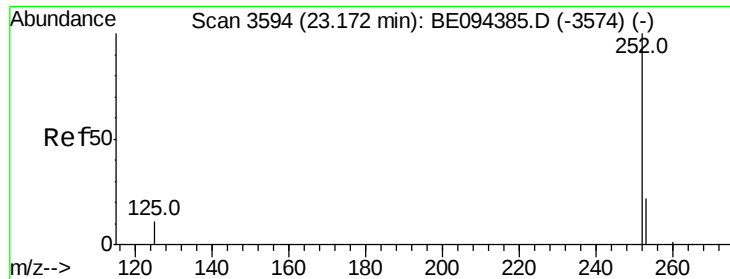
Tot Ion:228 Resp: 3552
Ion Ratio Lower Upper
228 100
229 36.2 22.8 34.2#
226 33.7 17.0 25.6#



#19
Chrysene
Concen: 0.102 ng/ul
RT: 21.46 min Scan# 3221
Delta R.T. -0.00 min
Lab File: BE094388.D
Acq: 15 Oct 2017 11:59

Tgt Ion:228 Resp: 4860
Ion Ratio Lower Upper
228 100
226 34.4 23.4 35.0
229 35.4 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.211 ng/u1

RT: 23.17 min Scan# 3593

Delta R.T. -0.00 min

Lab File: BE094388.D

Acq: 15 Oct 2017 11:59

Instrument :

BNA_E

ClientSampleId :

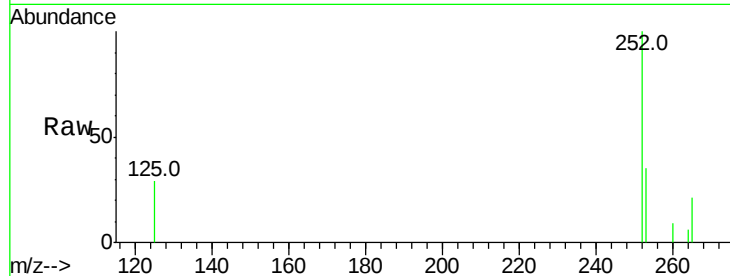
Tot Ion:252 Resp: 8547

Ion Ratio Lower Upper

252 100

253 35.5 0.0 64.2

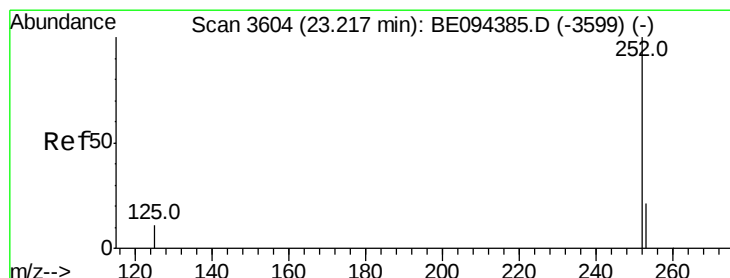
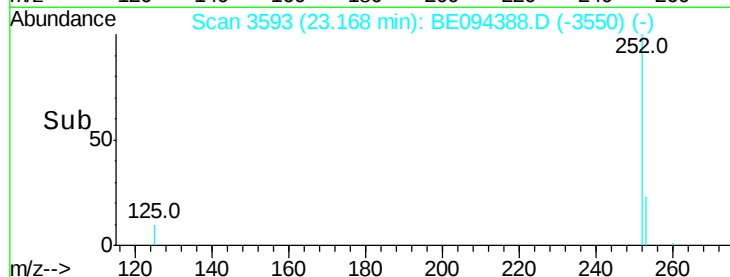
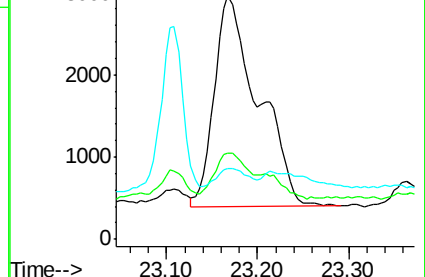
125 29.1 0.0 35.0



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: 0.181 ng/u1

RT: 23.17 min Scan# 3593

Delta R.T. -0.05 min

Lab File: BE094388.D

Acq: 15 Oct 2017 11:59

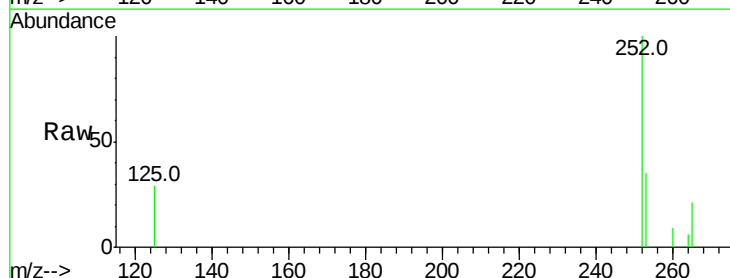
Tgt Ion:252 Resp: 8437

Ion Ratio Lower Upper

252 100

253 35.5 24.5 36.7

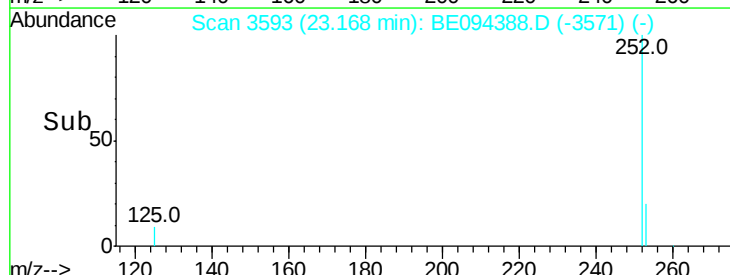
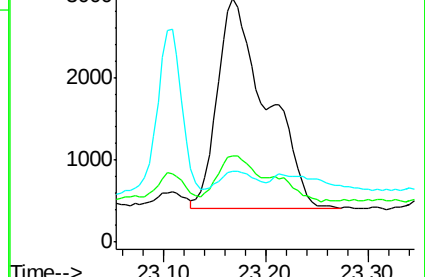
125 29.1 13.7 20.5#

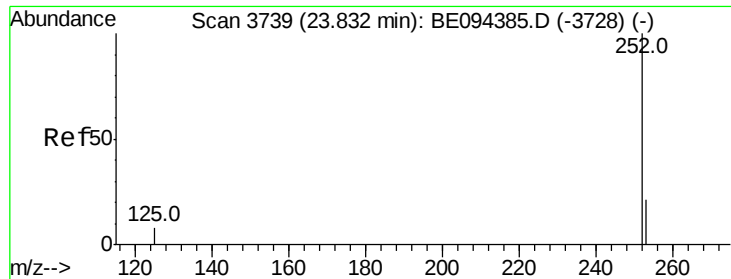


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.088 ng/ul

RT: 23.82 min Scan# 3737

Delta R.T. -0.01 min

Lab File: BE094388.D

Acq: 15 Oct 2017 11:59

Instrument :

BNA_E

ClientSampled :

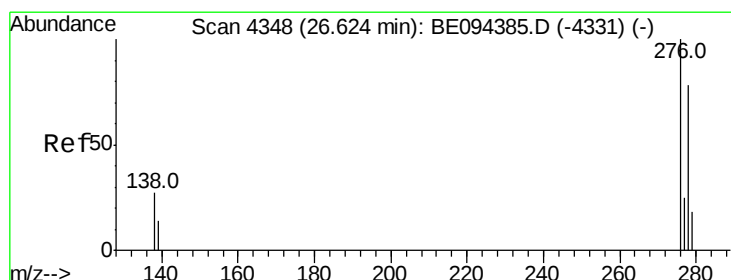
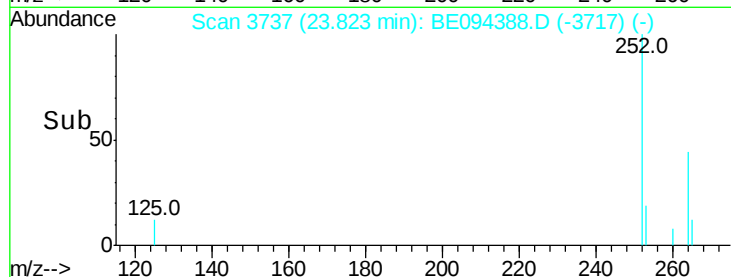
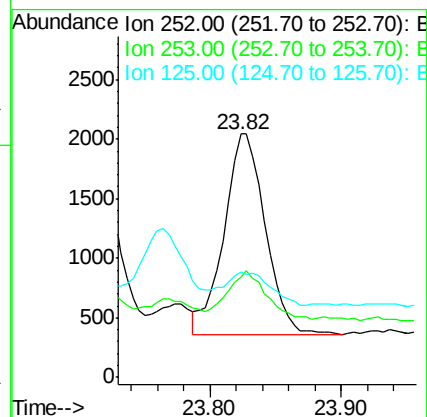
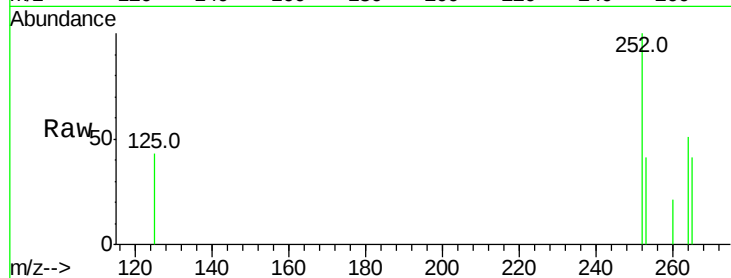
Tot Ion:252 Resp: 3683

Ion Ratio Lower Upper

252 100

253 41.1 28.5 42.7

125 43.4 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.065 ng/ul

RT: 26.62 min Scan# 4348

Delta R.T. -0.00 min

Lab File: BE094388.D

Acq: 15 Oct 2017 11:59

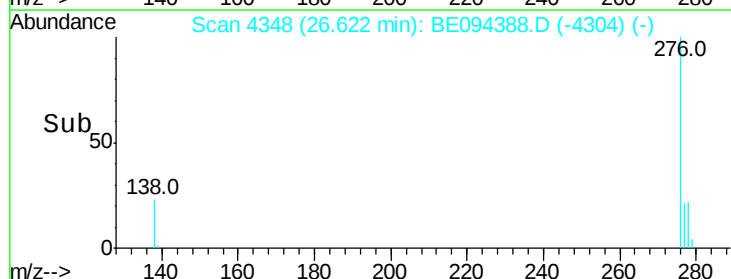
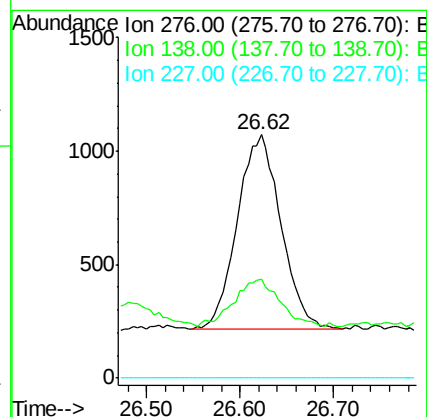
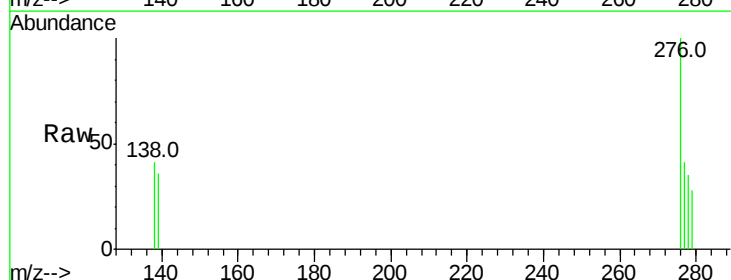
Tgt Ion:276 Resp: 2779

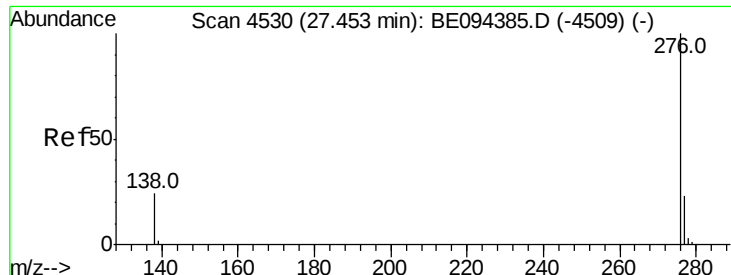
Ion Ratio Lower Upper

276 100

138 25.3 28.0 42.0#

227 0.0 8.0 12.0#





#26

Benzo(a,h,i)perylene

Concen: 0.063 ng/ul

RT: 27.45 min Scan# 4529

Delta R.T. -0.01 min

Lab File: BE094388.D

Acq: 15 Oct 2017 11:59

Instrument :

BNA_E

ClientSampleId :

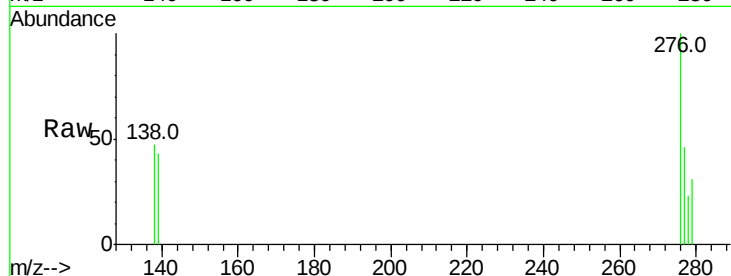
Tot Ion:276 Resp: 2326

Ion Ratio Lower Upper

276 100

138 46.5 21.8 32.8#

277 45.7 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

Time-->

