

Data Path : Z:\HPCHEM1\BNA E\DATA\BE112217\
 Data File : BE094848.D
 Acq On : 23 Nov 2017 00:49
 Operator : SJ/JU
 Sample : I6496-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 23 02:52:35 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE111417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 23 02:50:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	658	0.40	ng/ul	-0.04
2) Naphthalene-d8	10.68	136	4555	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.50	164	3244	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.24	188	7781	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	7856	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	8679	0.40	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.29	152	1618	0.22	ng/ul	-0.01
14) Fluoranthene-d10	19.27	212	5712	0.21	ng/ul	-0.02

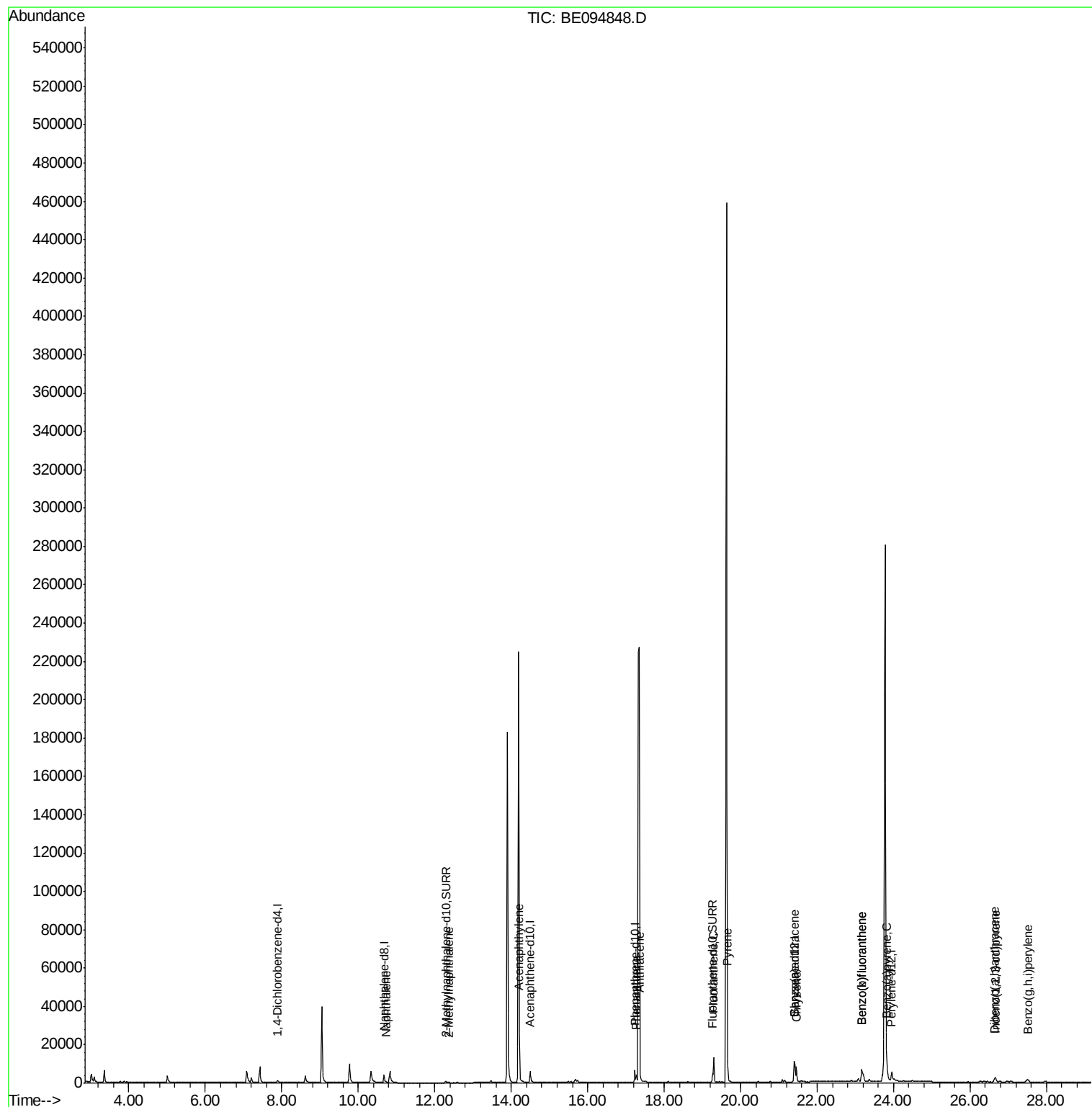
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.72	128	426	0.04	ng/ul#	65
5) 2-Methylnaphthalene	12.36	142	303	0.04	ng/ul	100
7) Acenaphthylene	14.22	152	581	0.04	ng/ul#	73
12) Phenanthrene	17.27	178	4553	0.22	ng/ul#	90
13) Anthracene	17.36	178	1021	0.05	ng/ul#	77
15) Fluoranthene	19.30	202	15089	0.55	ng/ul	84
17) Pyrene	19.66	202	14328	0.58	ng/ul#	81
18) Benzo(a)anthracene	21.40	228	8916	0.37	ng/ul#	89
19) Chrysene	21.46	228	8803	0.37	ng/ul	97
21) Benzo(b)fluoranthene	23.17	252	15692	0.61	ng/ul	89
22) Benzo(k)fluoranthene	23.17	252	15692	0.57	ng/ul	91
23) Benzo(a)pyrene	23.83	252	7628	0.30	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.66	276	4925	0.18	ng/ul#	73
25) Dibenzo(a,h)anthracene	26.64	278	1305	0.06	ng/ul#	68
26) Benzo(g,h,i)perylene	27.50	276	3962	0.17	ng/ul#	93

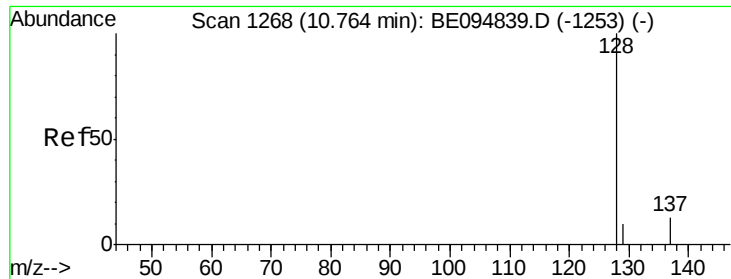
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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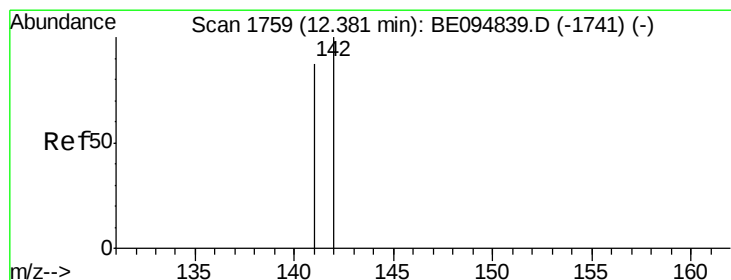
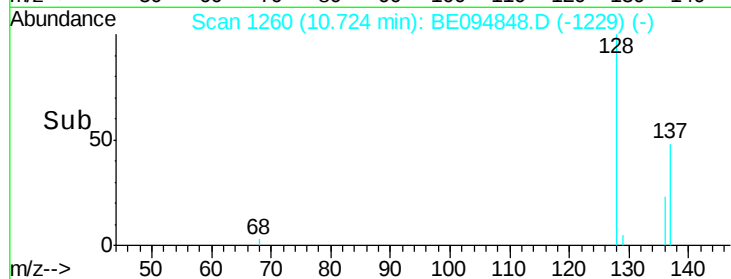
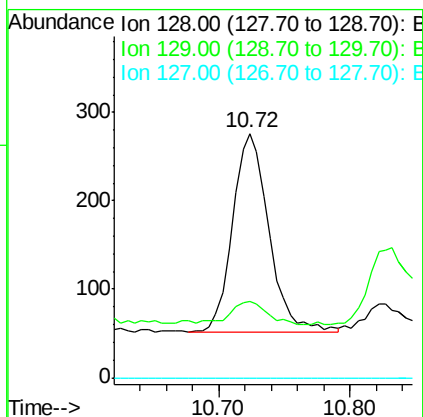
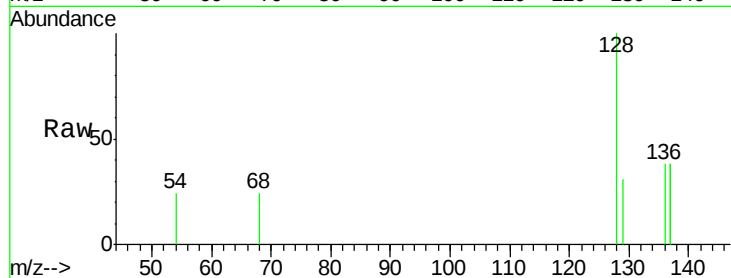




#3
Naphthalene
Concen: 0.04 ng/ul
RT: 10.72 min Scan# 1260
Delta R.T. -0.04 min
Lab File: BE094848.D
Acq: 23 Nov 2017 00:49

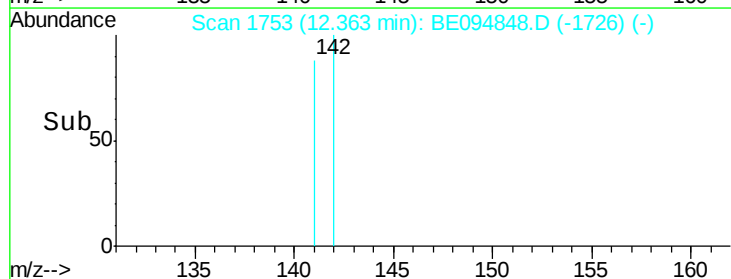
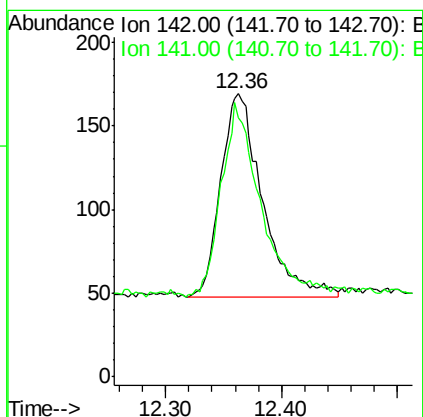
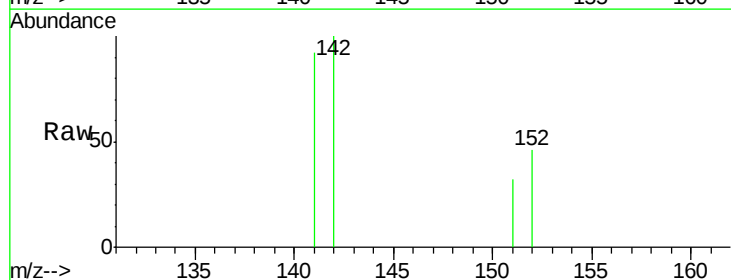
Instrument :
BNA_E
ClientSampleId :

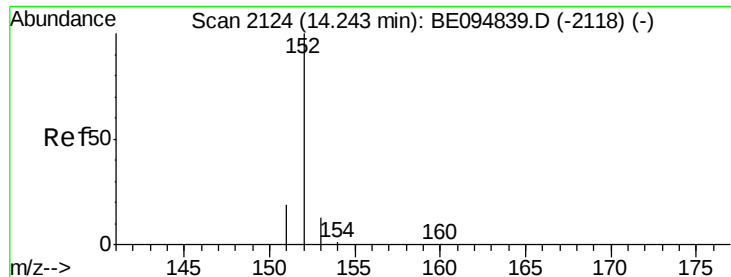
Tot Ion:128 Resp: 426
Ion Ratio Lower Upper
128 100
129 31.2 11.3 16.9#
127 0.0 4.0 6.0#



#5
2-Methylnaphthalene
Concen: 0.04 ng/ul
RT: 12.36 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BE094848.D
Acq: 23 Nov 2017 00:49

Tgt Ion:142 Resp: 303
Ion Ratio Lower Upper
142 100
141 90.8 72.6 108.8





#7

Acenaphthylene

Concen: 0.04 ng/ul

RT: 14.22 min Scan# 2121

Delta R.T. -0.02 min

Lab File: BE094848.D

Acq: 23 Nov 2017 00:49

Instrument :

BNA_E

ClientSampleId :

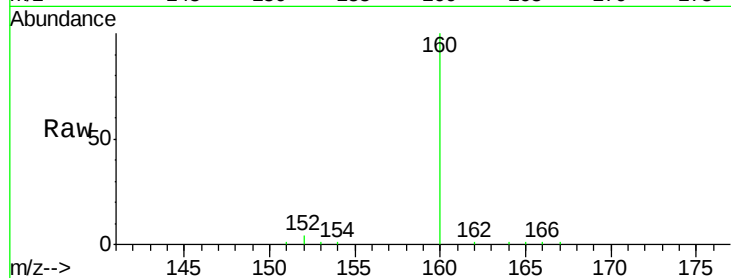
Tot Ion:152 Resp: 581

Ion Ratio Lower Upper

152 100

151 34.1 17.1 25.7#

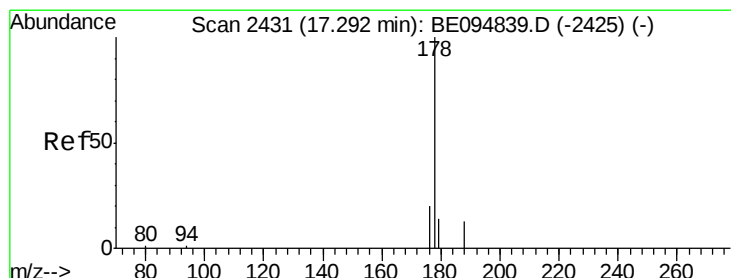
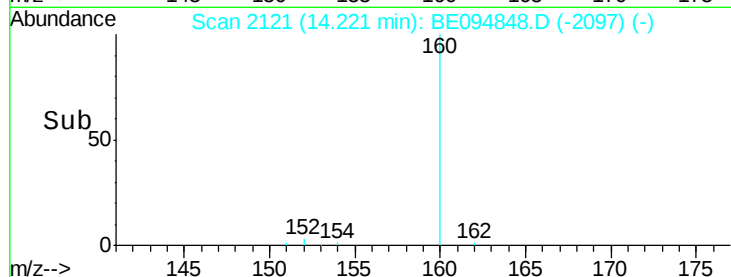
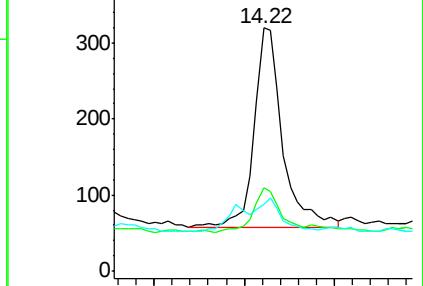
153 27.5 12.8 19.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#12

Phenanthrene

Concen: 0.22 ng/ul

RT: 17.27 min Scan# 2430

Delta R.T. -0.02 min

Lab File: BE094848.D

Acq: 23 Nov 2017 00:49

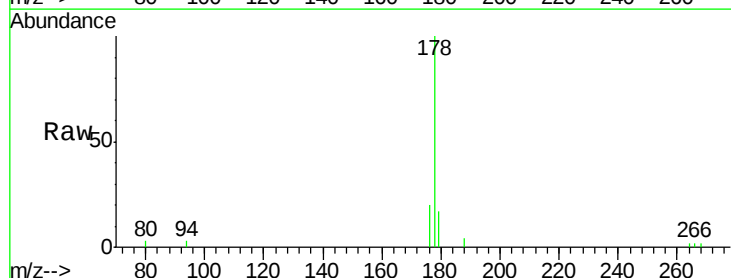
Tgt Ion:178 Resp: 4553

Ion Ratio Lower Upper

178 100

179 16.6 18.4 27.6#

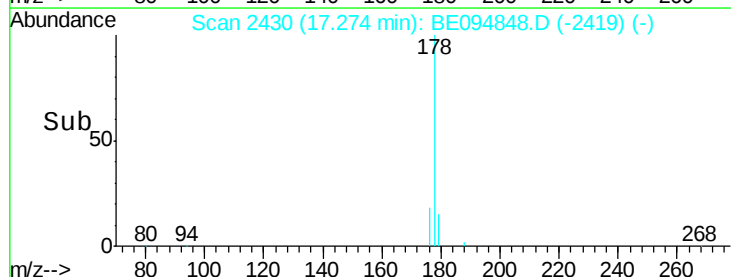
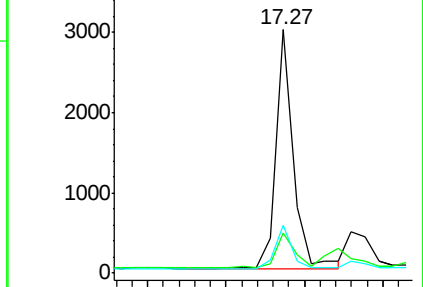
176 19.6 13.6 20.4

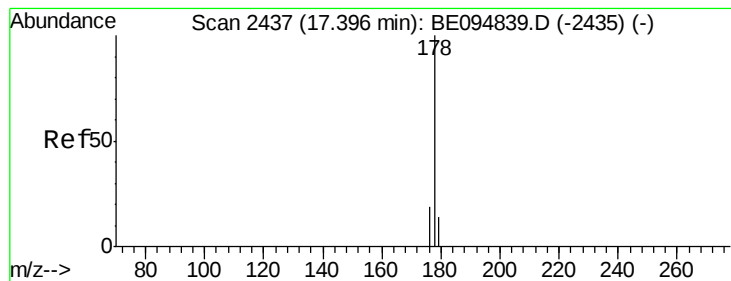


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.05 ng/ul

RT: 17.36 min Scan# 2435

Delta R.T. -0.04 min

Lab File: BE094848.D

Acq: 23 Nov 2017 00:49

Instrument :

BNA_E

ClientSampleId :

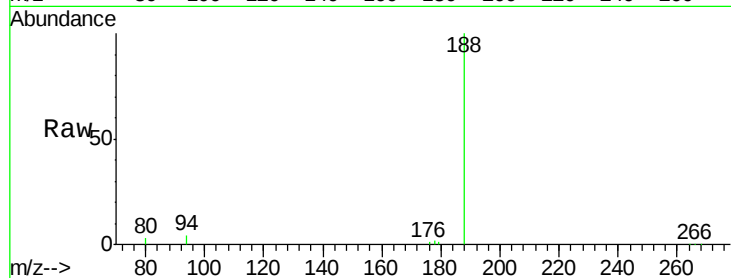
Tot Ion:178 Resp: 1021

Ion Ratio Lower Upper

178 100

179 33.5 18.1 27.1#

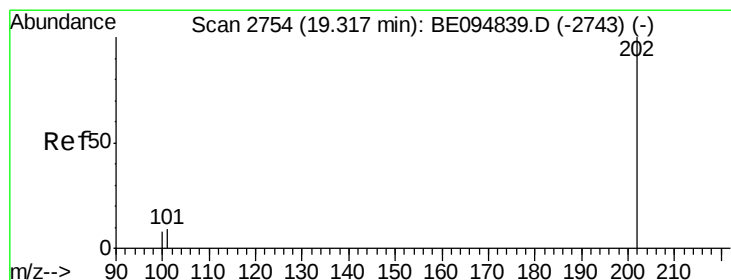
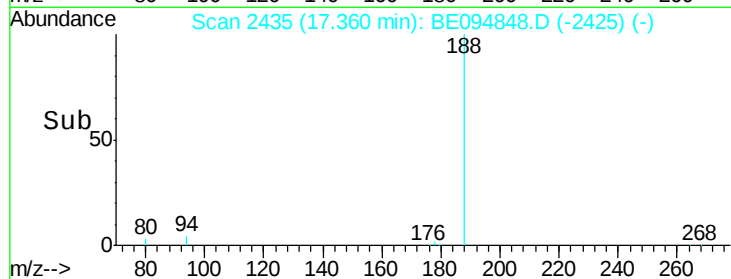
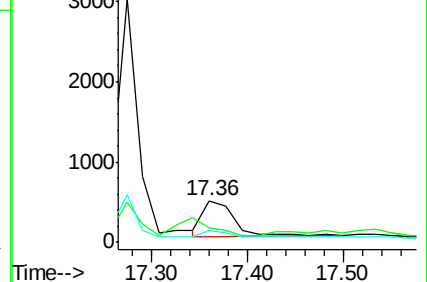
176 28.5 14.7 22.1#



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: 0.55 ng/ul

RT: 19.30 min Scan# 2751

Delta R.T. -0.02 min

Lab File: BE094848.D

Acq: 23 Nov 2017 00:49

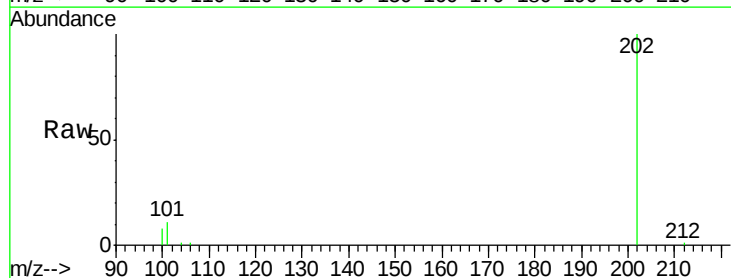
Tgt Ion:202 Resp: 15089

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.3

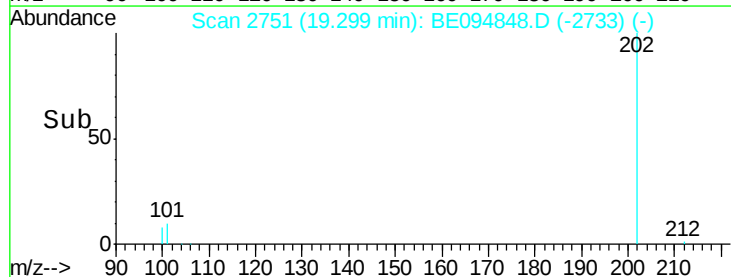
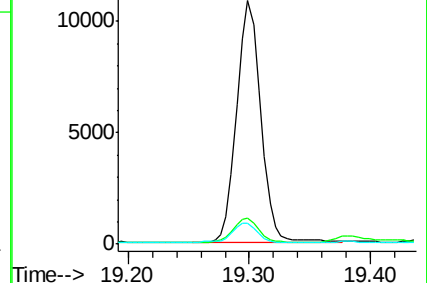
100 8.4 0.0 39.5

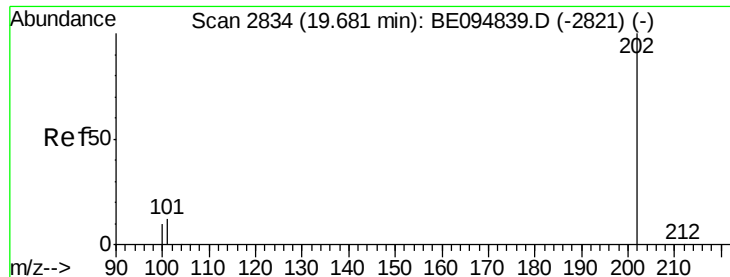


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

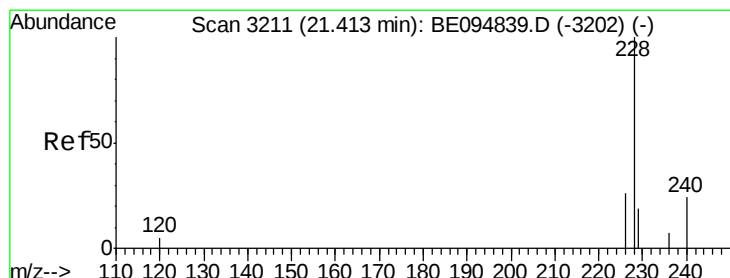
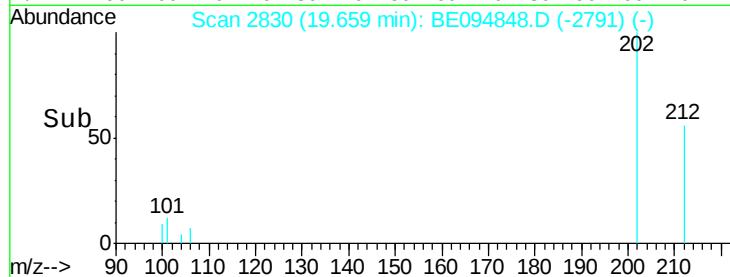
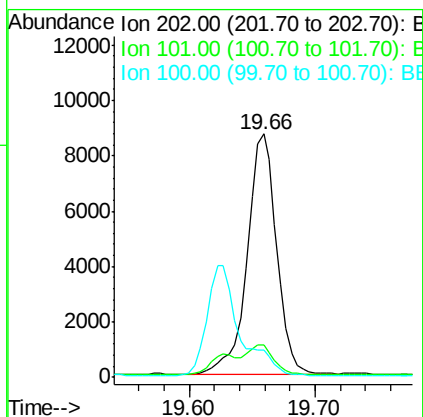
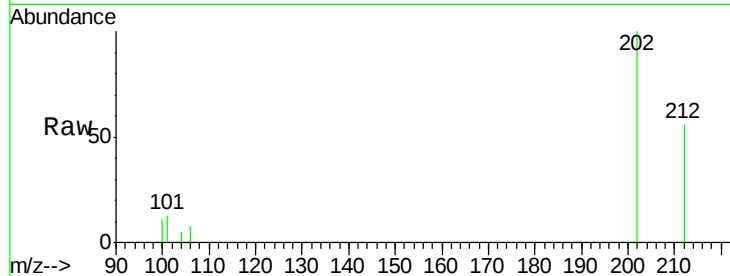




#17
Pvrene
Concen: 0.58 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. -0.02 min
Lab File: BE094848.D
Acq: 23 Nov 2017 00:49

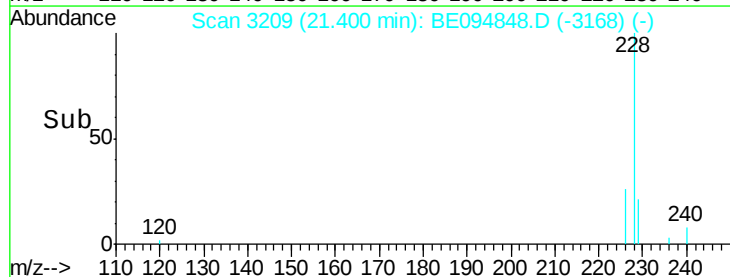
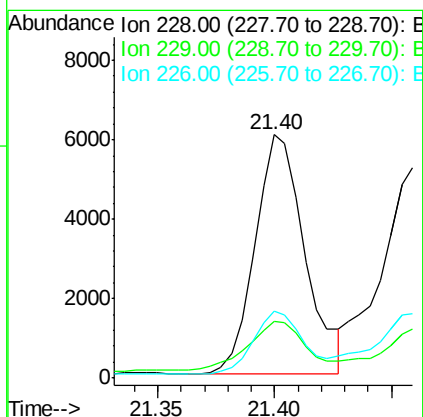
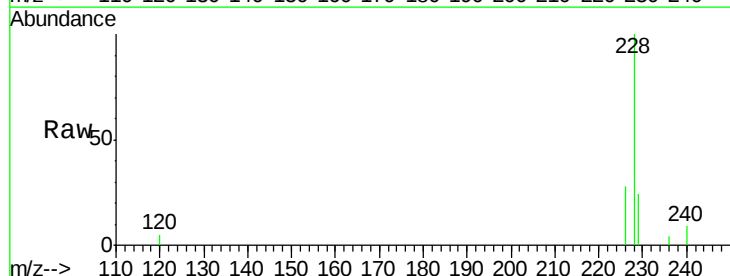
Instrument :
BNA_E
ClientSampled :

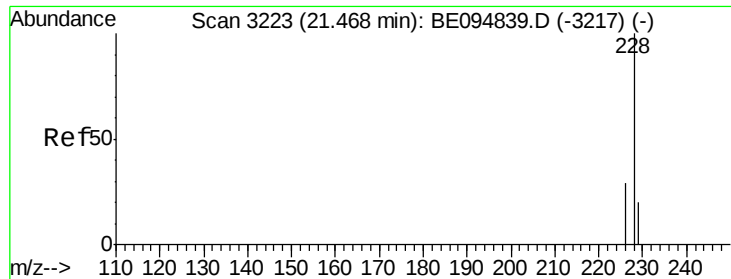
Tot Ion:202 Resp: 14328
Ion Ratio Lower Upper
202 100
101 13.2 18.2 27.4#
100 11.1 15.6 23.4#



#18
Benzo(a)anthracene
Concen: 0.37 ng/ul
RT: 21.40 min Scan# 3209
Delta R.T. -0.01 min
Lab File: BE094848.D
Acq: 23 Nov 2017 00:49

Tgt Ion:228 Resp: 8916
Ion Ratio Lower Upper
228 100
229 23.5 22.8 34.2
226 27.6 17.0 25.6#





#19

Chrysene

Concen: 0.37 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.01 min

Lab File: BE094848.D

Acq: 23 Nov 2017 00:49

Instrument :

BNA_E

ClientSampleId :

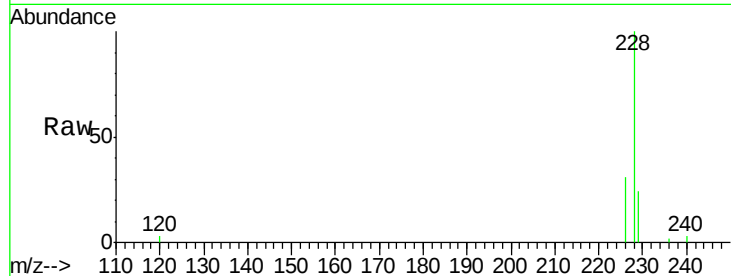
Tot Ion:228 Resp: 8803

Ion Ratio Lower Upper

228 100

226 30.9 23.4 35.0

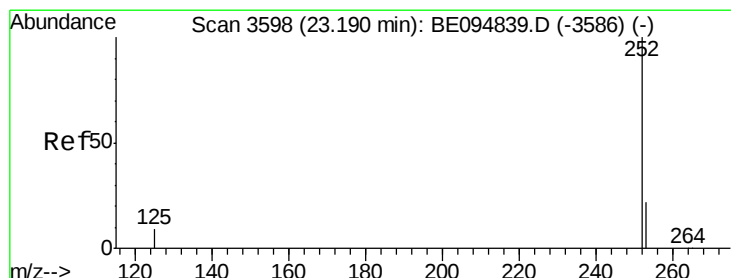
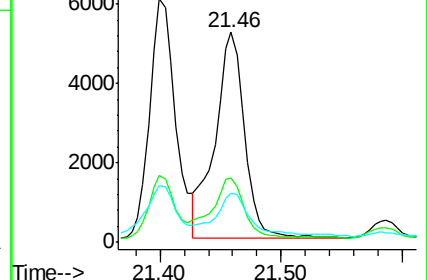
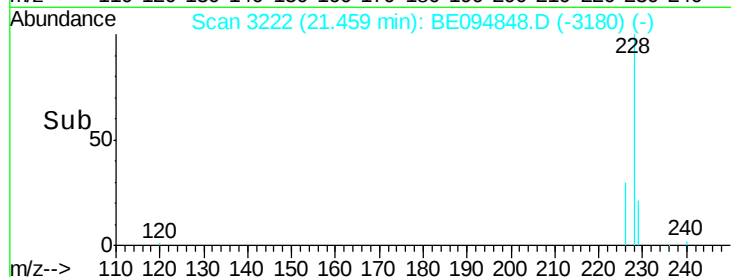
229 23.6 17.7 26.5



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: 0.61 ng/ul

RT: 23.17 min Scan# 3595

Delta R.T. -0.02 min

Lab File: BE094848.D

Acq: 23 Nov 2017 00:49

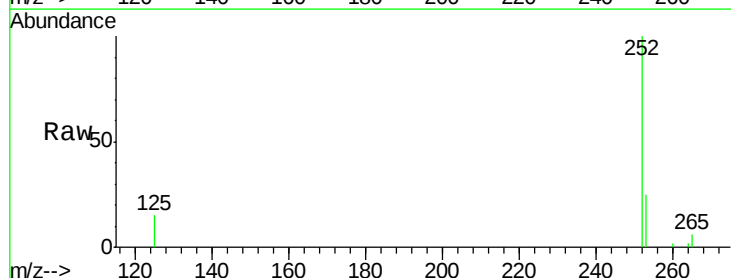
Tgt Ion:252 Resp: 15692

Ion Ratio Lower Upper

252 100

253 24.7 0.0 64.2

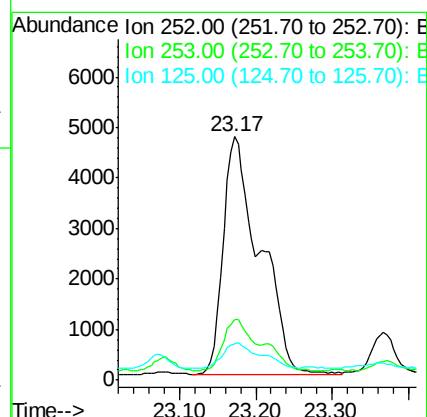
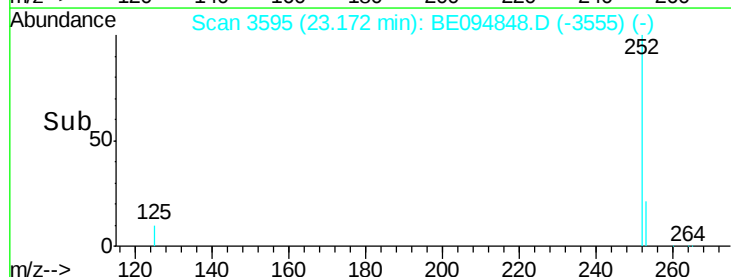
125 14.7 0.0 35.0

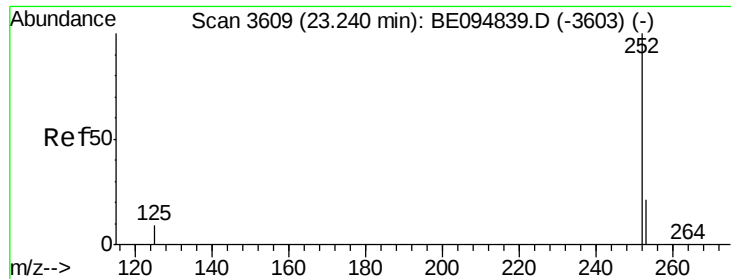


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

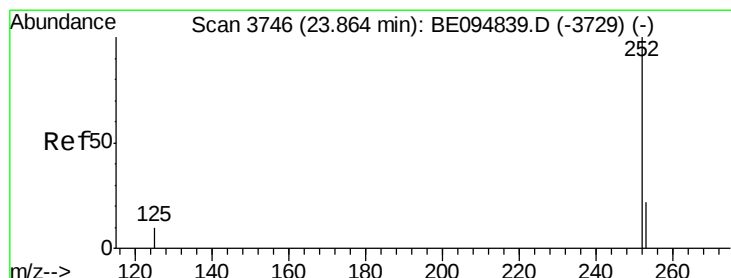
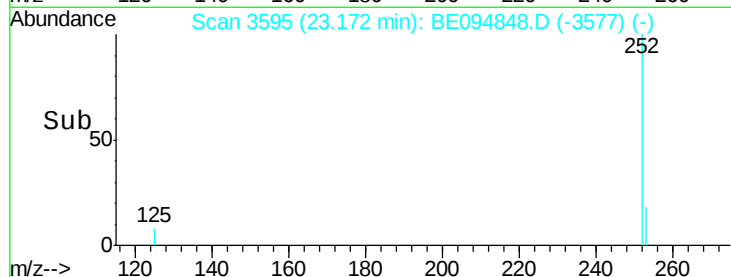
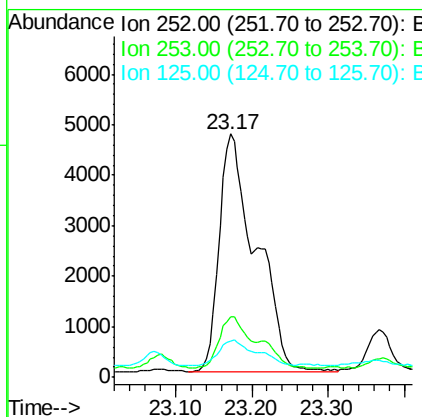
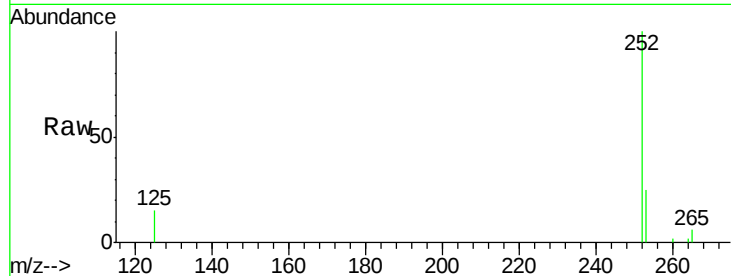




#22
Benzo(k)fluoranthene
Concen: 0.57 ng/ul
RT: 23.17 min Scan# 3595
Delta R.T. -0.07 min
Lab File: BE094848.D
Acq: 23 Nov 2017 00:49

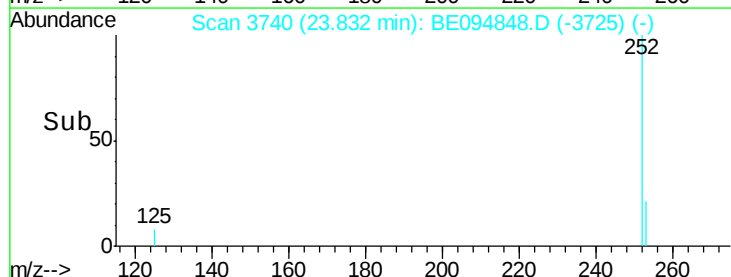
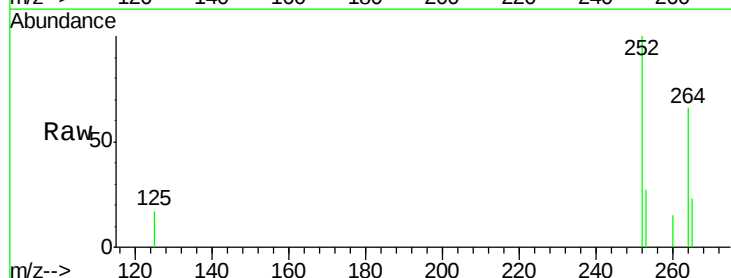
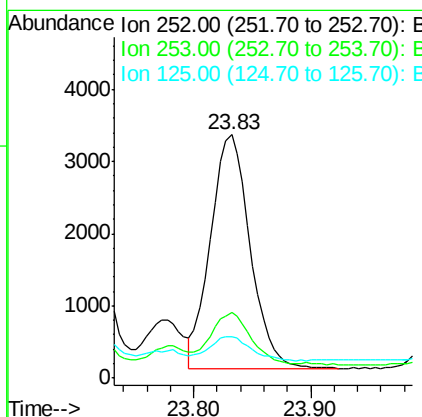
Instrument :
BNA_E
ClientSampleId :

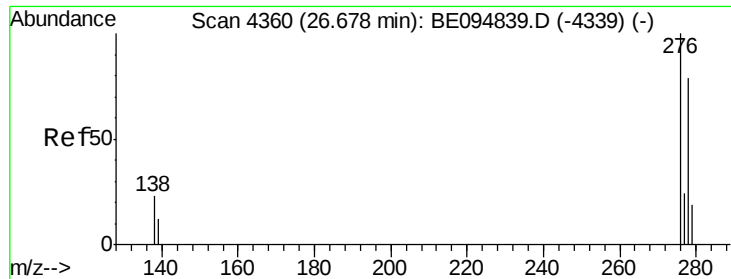
Tot Ion:252 Resp: 15692
Ion Ratio Lower Upper
252 100
253 24.7 24.5 36.7
125 14.7 13.7 20.5



#23
Benzo(a)pyrene
Concen: 0.30 ng/ul
RT: 23.83 min Scan# 3740
Delta R.T. -0.03 min
Lab File: BE094848.D
Acq: 23 Nov 2017 00:49

Tgt Ion:252 Resp: 7628
Ion Ratio Lower Upper
252 100
253 26.9 28.5 42.7#
125 17.0 18.1 27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.18 ng/ul

RT: 26.66 min Scan# 4358

Delta R.T. -0.02 min

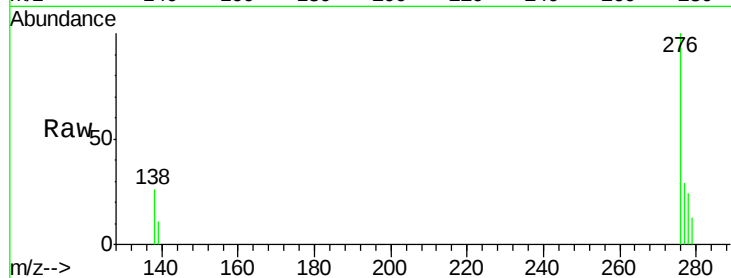
Lab File: BE094848.D

Acq: 23 Nov 2017 00:49

Instrument :

BNA_E

ClientSampleId :



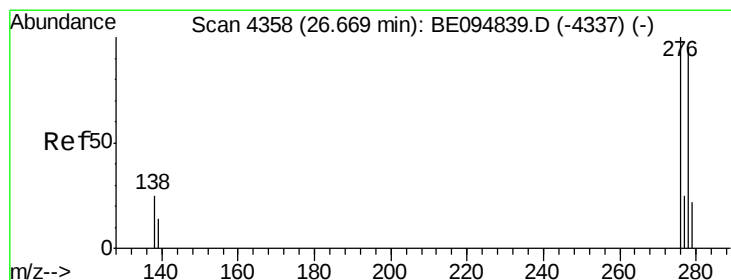
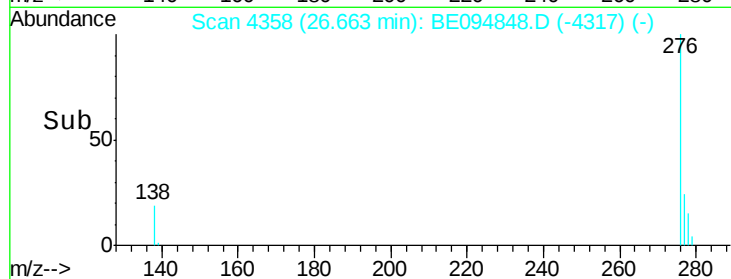
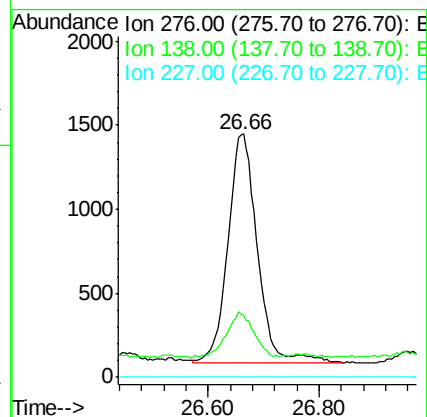
Tot Ion:276 Resp: 4925

Ion Ratio Lower Upper

276 100

138 19.1 28.0 42.0#

227 0.0 8.0 12.0#



#25

Dibenzo(a,h)anthracene

Concen: 0.06 ng/ul

RT: 26.64 min Scan# 4354

Delta R.T. -0.02 min

Lab File: BE094848.D

Acq: 23 Nov 2017 00:49

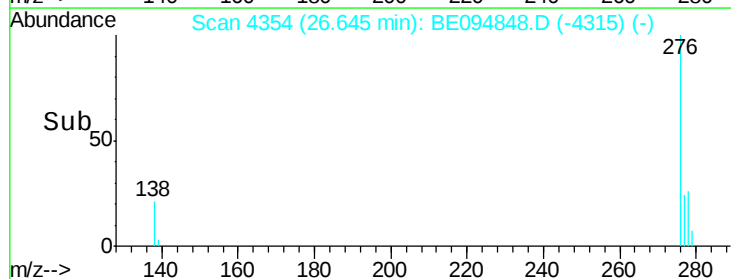
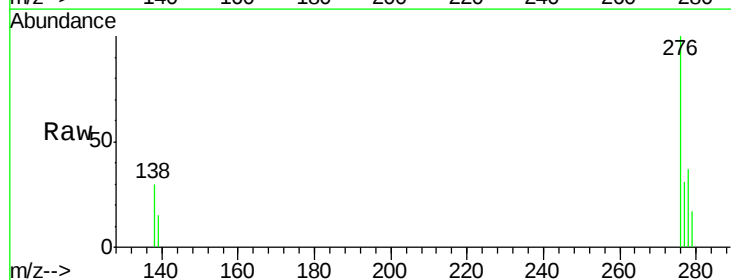
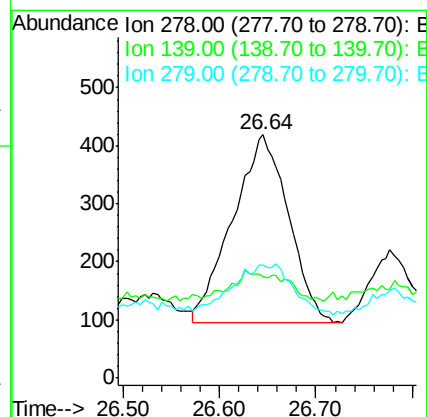
Tgt Ion:278 Resp: 1305

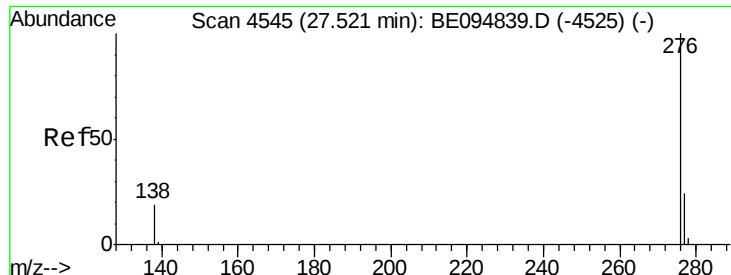
Ion Ratio Lower Upper

278 100

139 41.8 17.4 26.0#

279 46.3 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.17 ng/ul

RT: 27.50 min Scan# 4542

Delta R.T. -0.02 min

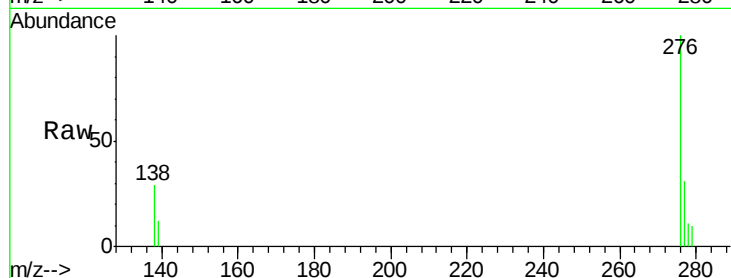
Lab File: BE094848.D

Acq: 23 Nov 2017 00:49

Instrument :

BNA_E

ClientSampleId :



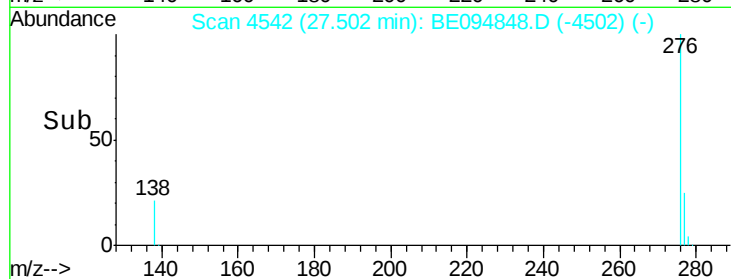
Tot Ion: 276 Resp: 3962

Ion Ratio Lower Upper

276 100

138 29.3 21.8 32.8

277 31.3 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

