

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
 Data File : BE094569.D
 Acq On : 26 Oct 2017 19:15
 Operator : SJ/JU
 Sample : I5719-16 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 27 07:42:04 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 04:05:19 2017
 Response via : Initial Calibration

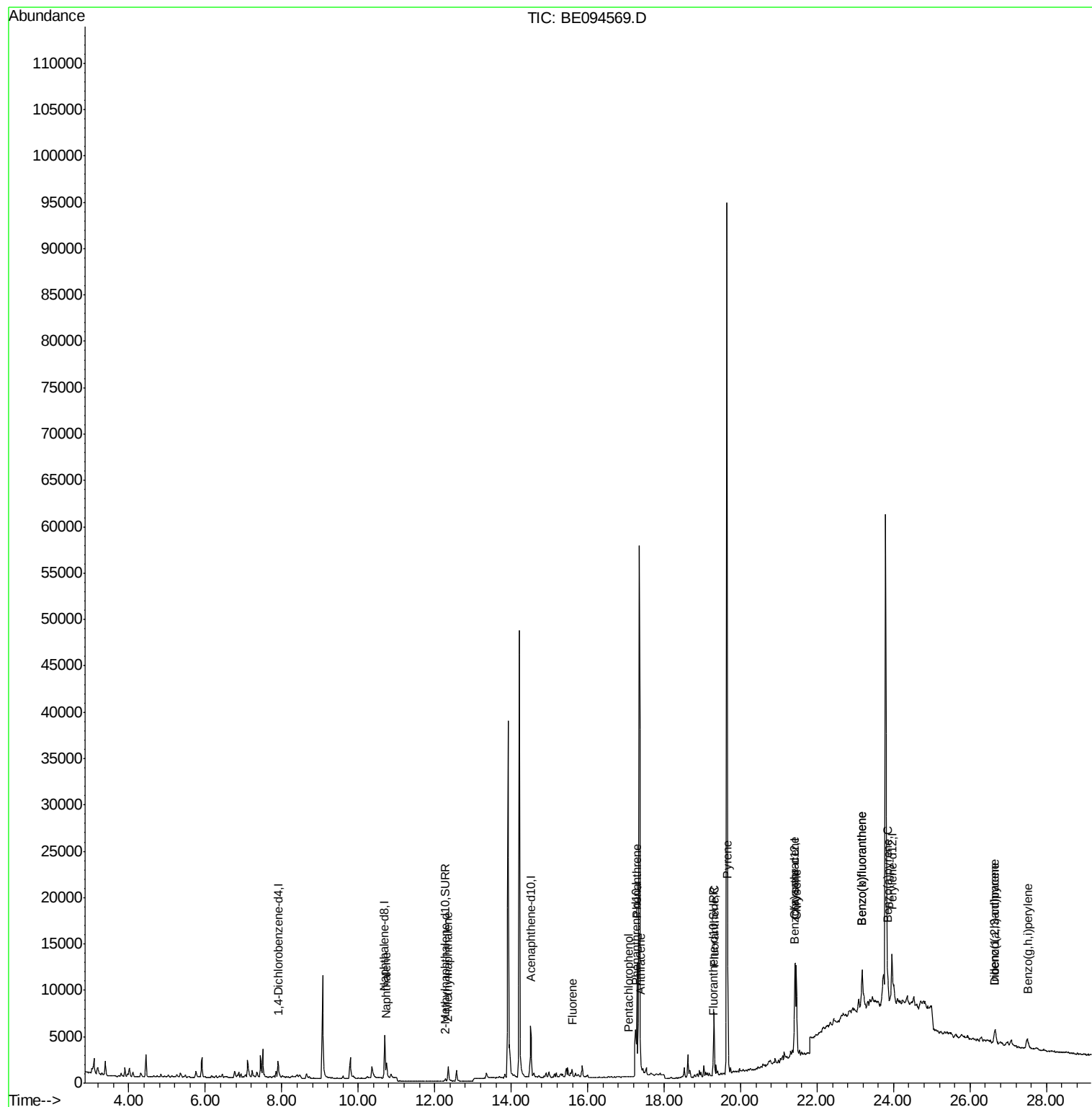
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1014	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	5672	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	3436	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	7876	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	8203	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	8172	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	433	0.05	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	1229	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	2699	0.195	ng/ul#	94
5) 2-Methylnaphthalene	12.35	142	1712	0.176	ng/ul	97
9) Fluorene	15.58	166	376	0.030	ng/ul#	1
11) Pentachlorophenol	17.08	266	17	0.043	ng/ul#	47
12) Phenanthrene	17.29	178	14078	0.677	ng/ul#	91
13) Anthracene	17.38	178	796	0.039	ng/ul#	71
15) Fluoranthene	19.31	202	8782	0.365	ng/ul	83
17) Pyrene	19.67	202	9774	0.385	ng/ul#	85
18) Benzo(a)anthracene	21.40	228	3655	0.156	ng/ul#	62
19) Chrysene	21.46	228	11696	0.483	ng/ul#	87
21) Benzo(b)fluoranthene	23.18	252	8683	0.378	ng/ul#	1
22) Benzo(k)fluoranthene	23.18	252	8598	0.349	ng/ul#	1
23) Benzo(a)pyrene	23.85	252	3130	0.136	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.65	276	2573	0.108	ng/ul#	85
25) Dibenzo(a,h)anthracene	26.64	278	1221	0.061	ng/ul#	1
26) Benzo(a,h,i)perylene	27.50	276	3172	0.166	ng/ul#	1

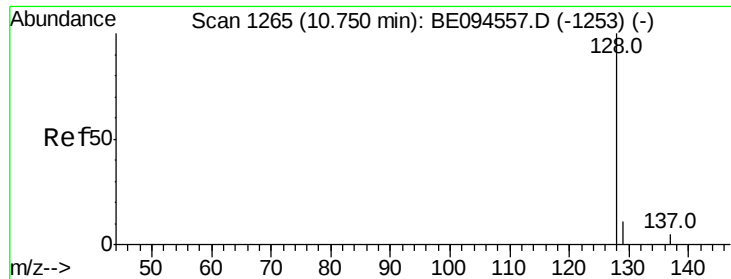
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.195 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094569.D

Acq: 26 Oct 2017 19:15

Instrument :

BNA_E

ClientSampleId :

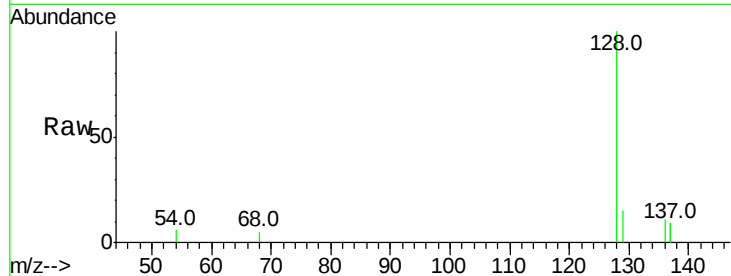
Tot Ion:128 Resp: 2699

Ion Ratio Lower Upper

128 100

129 15.2 11.3 16.9

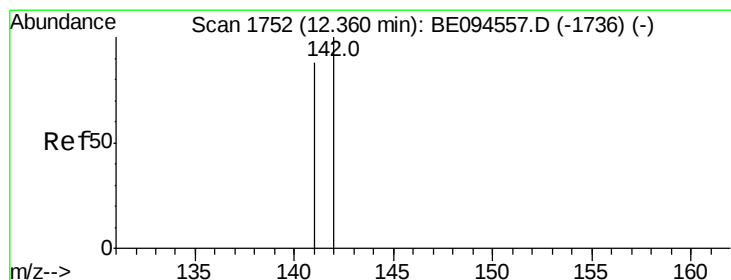
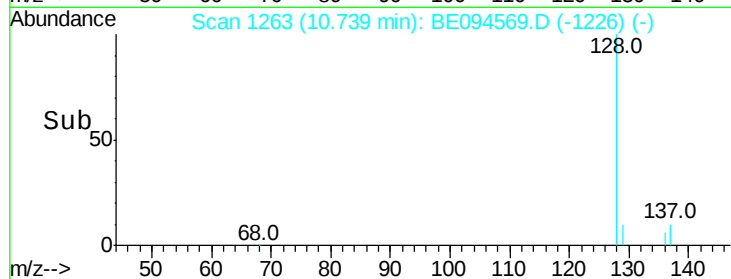
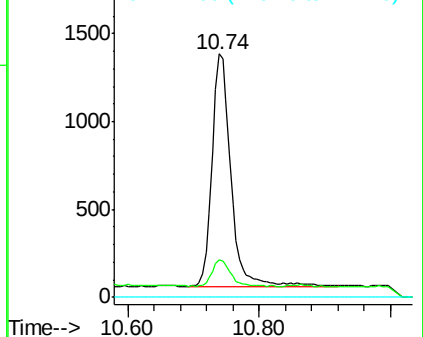
127 0.0 4.0 6.0#



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



#5

2-Methylnaphthalene

Concen: 0.176 ng/ul

RT: 12.35 min Scan# 1749

Delta R.T. -0.01 min

Lab File: BE094569.D

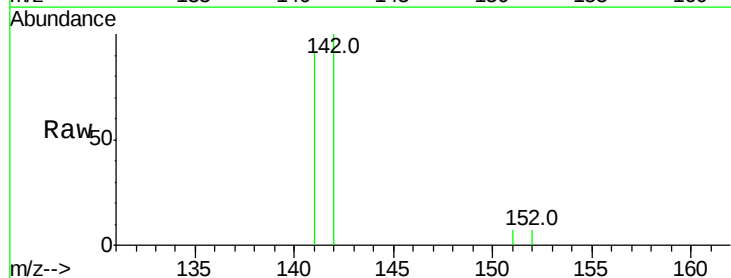
Acq: 26 Oct 2017 19:15

Tgt Ion:142 Resp: 1712

Ion Ratio Lower Upper

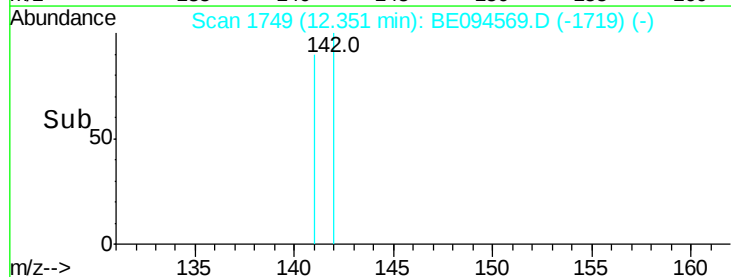
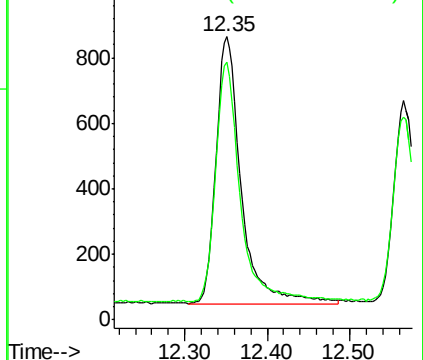
142 100

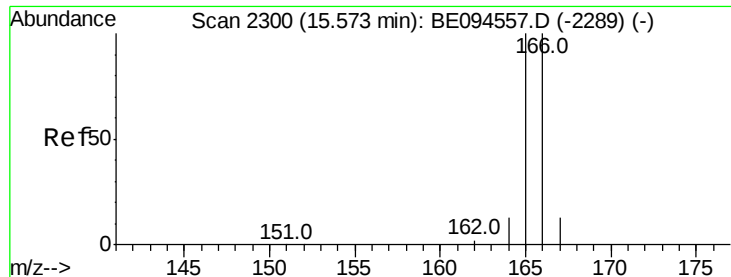
141 87.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Fluorene

Concen: 0.030 ng/ul

RT: 15.58 min Scan# 2302

Delta R.T. 0.01 min

Lab File: BE094569.D

Acq: 26 Oct 2017 19:15

Instrument :

BNA_E

ClientSampleId :

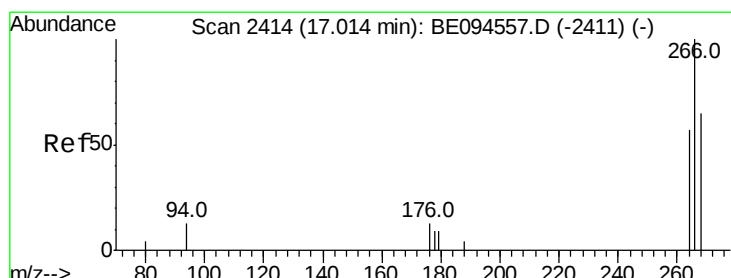
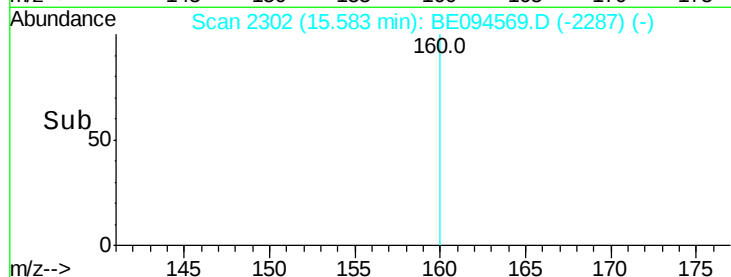
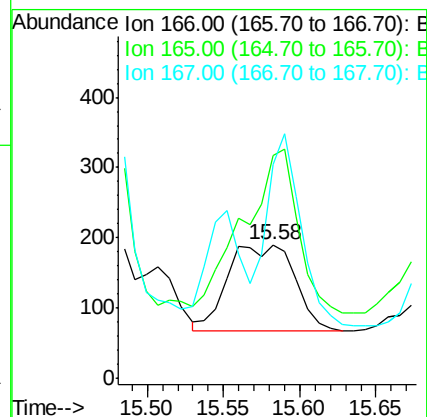
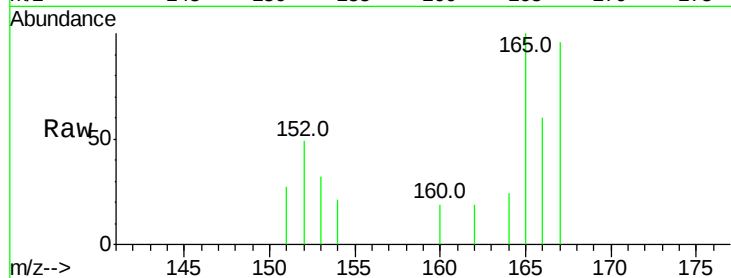
Tot Ion:166 Resp: 376

Ion Ratio Lower Upper

166 100

165 167.4 73.4 110.2#

167 160.0 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.043 ng/ul

RT: 17.08 min Scan# 2419

Delta R.T. 0.07 min

Lab File: BE094569.D

Acq: 26 Oct 2017 19:15

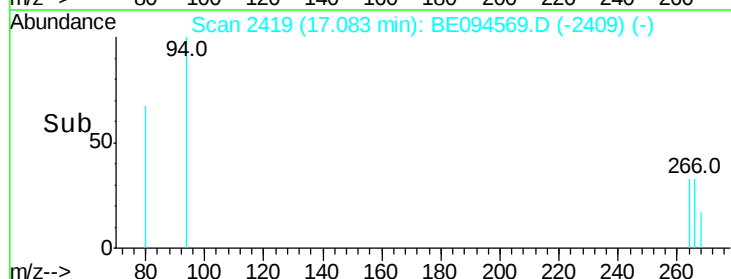
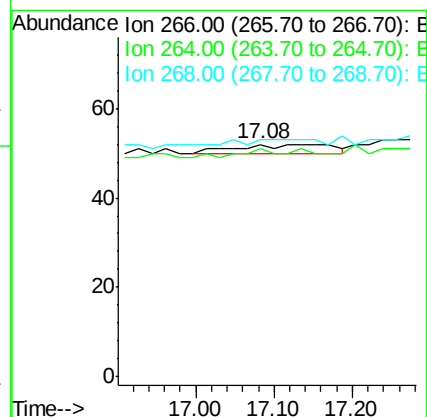
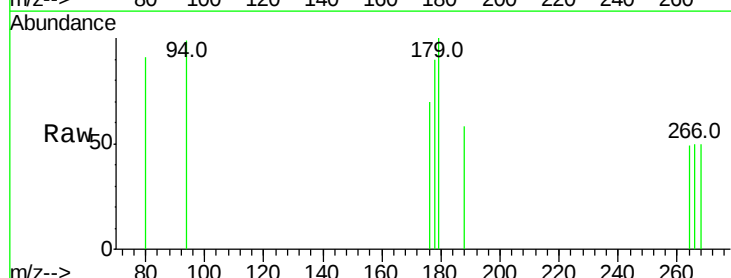
Tgt Ion:266 Resp: 17

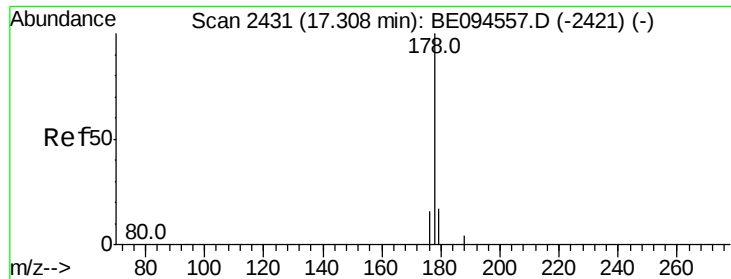
Ion Ratio Lower Upper

266 100

264 41.2 47.9 71.9#

268 0.0 49.8 74.8#





#12

Phenanthrene

Concen: 0.677 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094569.D

Acq: 26 Oct 2017 19:15

Instrument :

BNA_E

ClientSampleId :

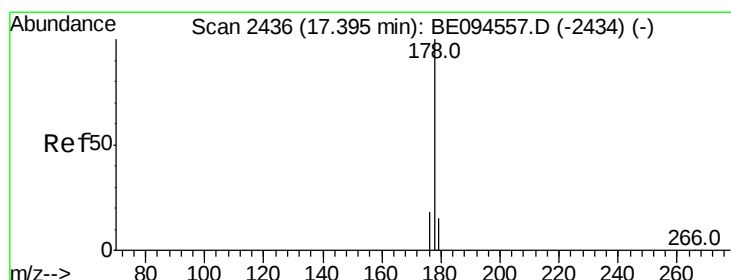
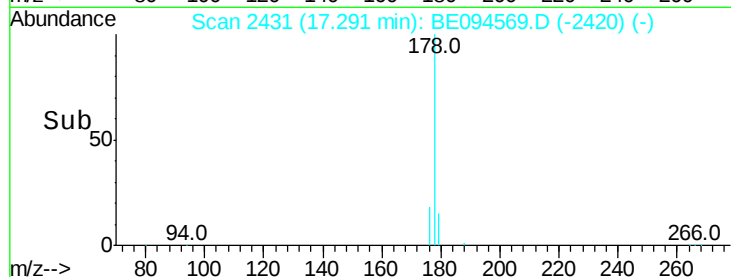
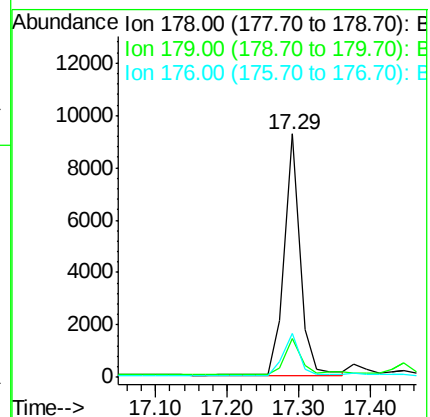
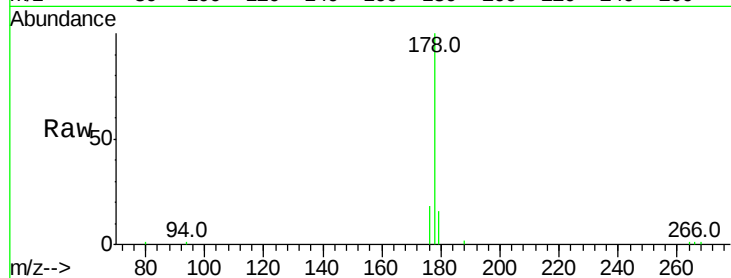
Tot Ion:178 Resp: 14078

Ion Ratio Lower Upper

178 100

179 16.2 18.4 27.6#

176 18.3 13.6 20.4



#13

Anthracene

Concen: 0.039 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094569.D

Acq: 26 Oct 2017 19:15

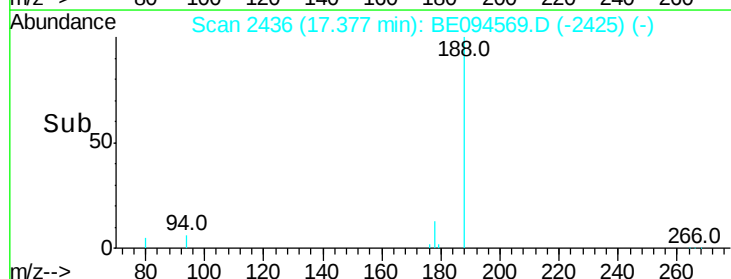
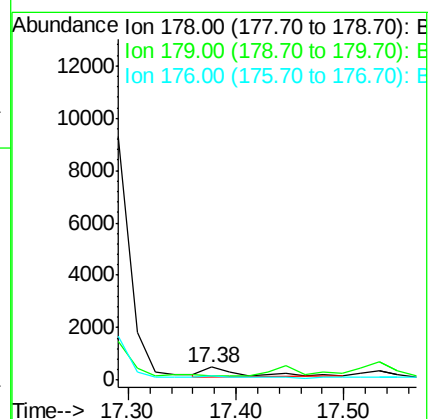
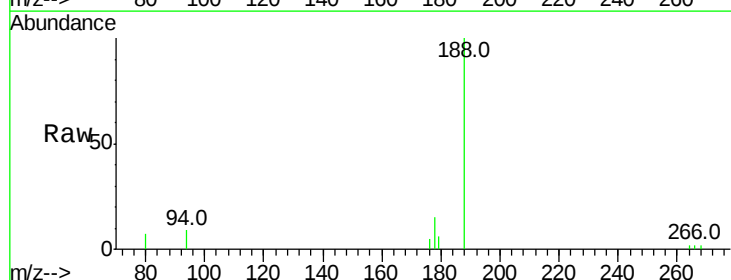
Tgt Ion:178 Resp: 796

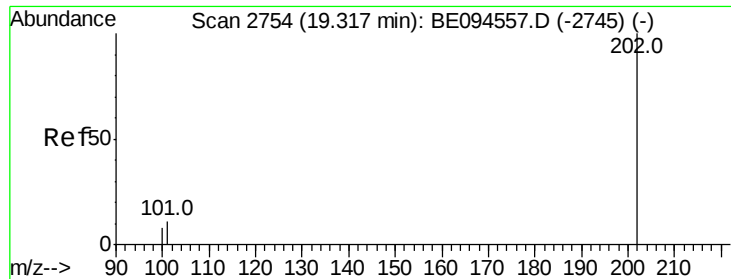
Ion Ratio Lower Upper

178 100

179 37.0 18.1 27.1#

176 31.2 14.7 22.1#

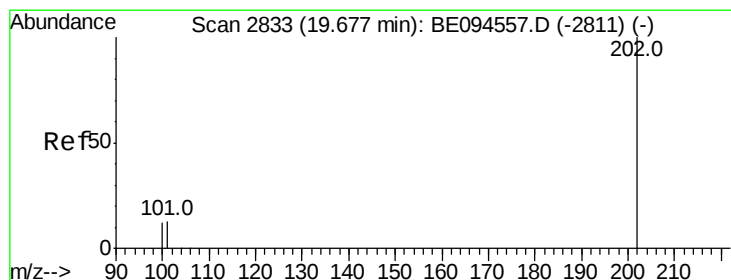
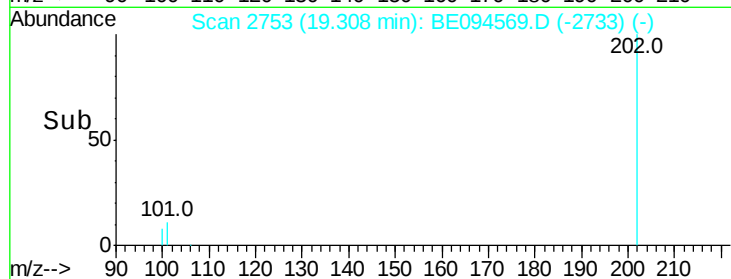
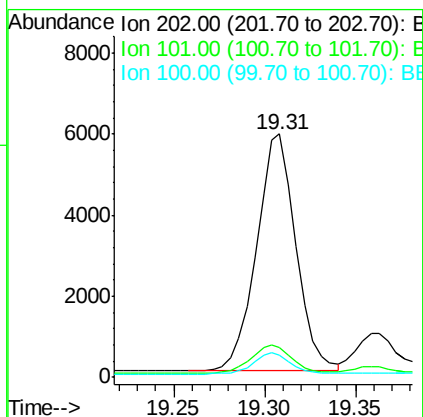
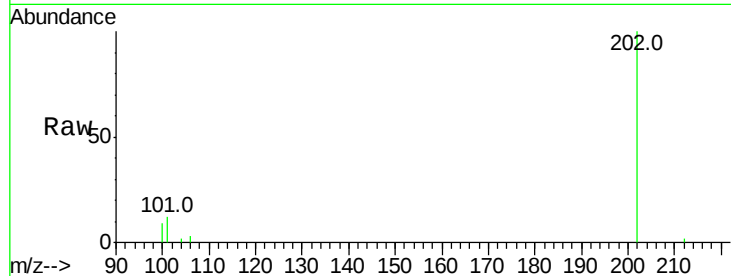




#15
Fluoranthene
 Concen: 0.365 ng/ul
 RT: 19.31 min Scan# 2753
 Delta R.T. -0.01 min
 Lab File: BE094569.D
 Acq: 26 Oct 2017 19:15

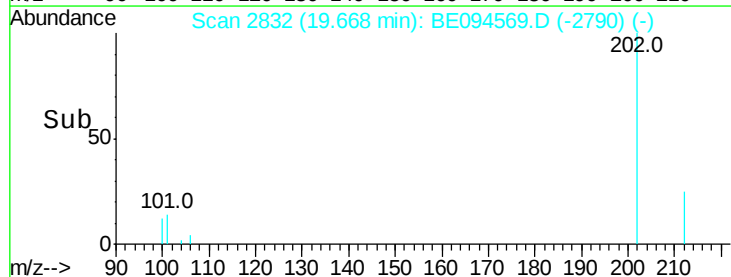
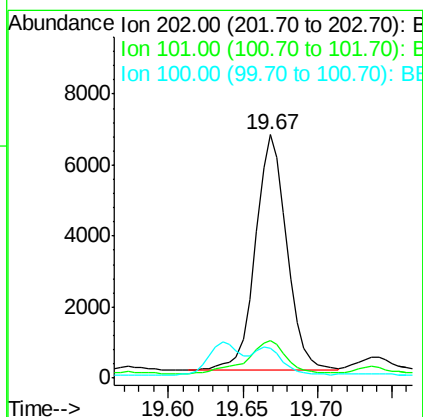
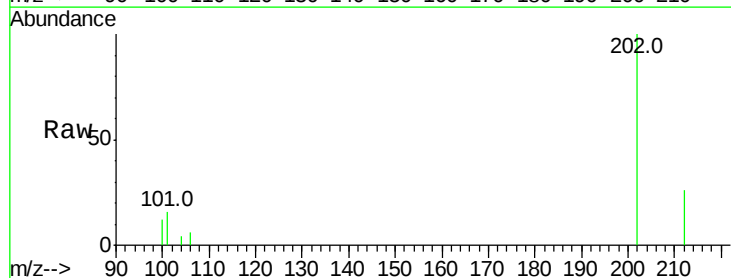
Instrument :
 BNA_E
 ClientSampleId :

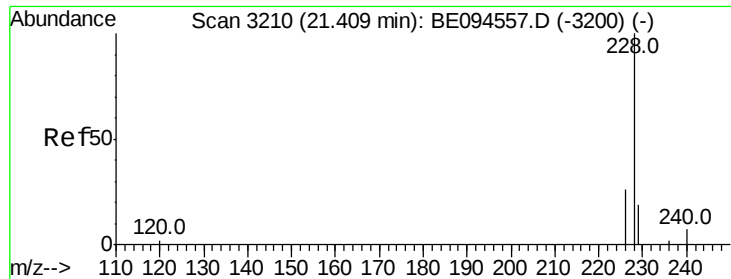
Tot Ion:202 Resp: 8782
 Ion Ratio Lower Upper
 202 100
 101 12.2 0.0 30.3
 100 8.9 0.0 39.5



#17
Pyrene
 Concen: 0.385 ng/ul
 RT: 19.67 min Scan# 2832
 Delta R.T. -0.01 min
 Lab File: BE094569.D
 Acq: 26 Oct 2017 19:15

Tgt Ion:202 Resp: 9774
 Ion Ratio Lower Upper
 202 100
 101 15.6 18.2 27.4#
 100 12.5 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.156 ng/ul

RT: 21.40 min Scan# 3210

Delta R.T. -0.00 min

Lab File: BE094569.D

Acq: 26 Oct 2017 19:15

Instrument :

BNA_E

ClientSampleId :

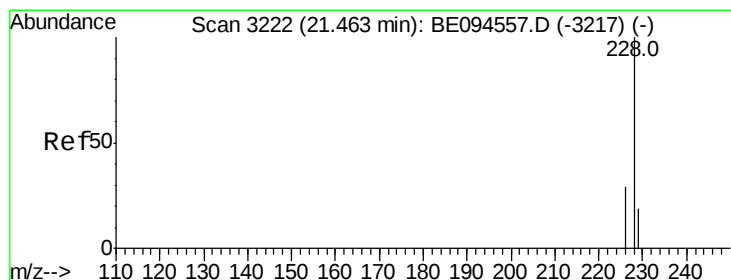
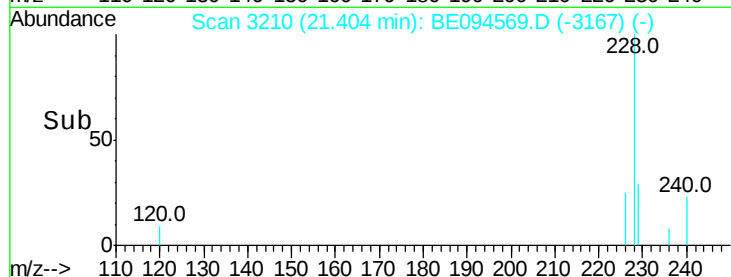
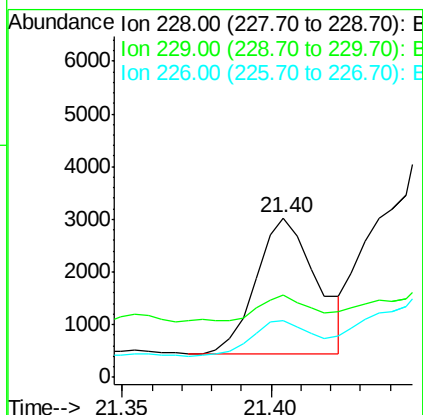
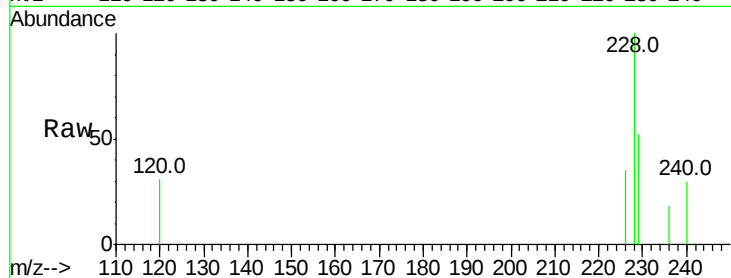
Tot Ion:228 Resp: 3655

Ion Ratio Lower Upper

228 100

229 51.5 22.8 34.2#

226 35.3 17.0 25.6#



#19

Chrysene

Concen: 0.483 ng/ul

RT: 21.46 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BE094569.D

Acq: 26 Oct 2017 19:15

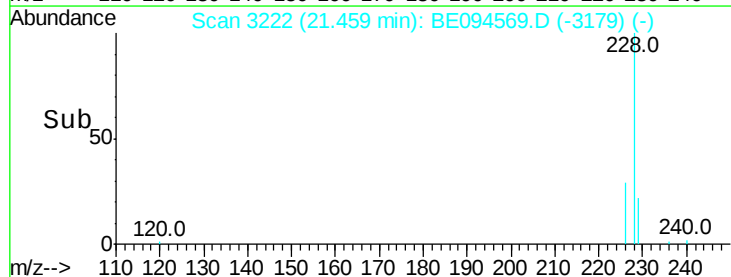
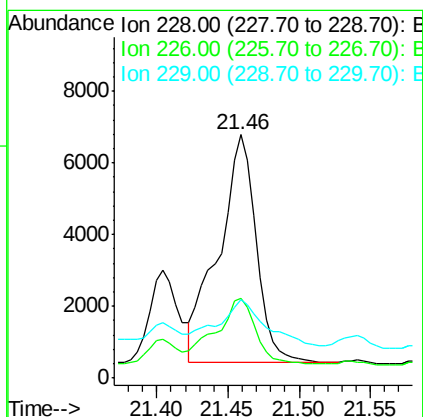
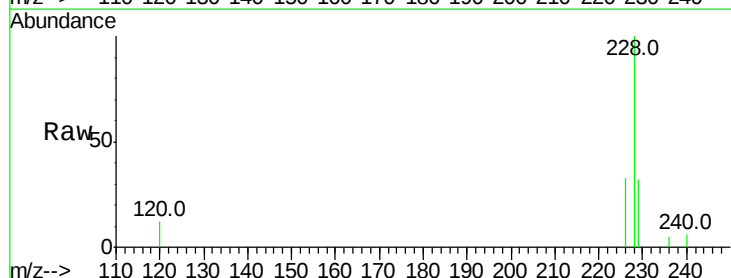
Tgt Ion:228 Resp: 11696

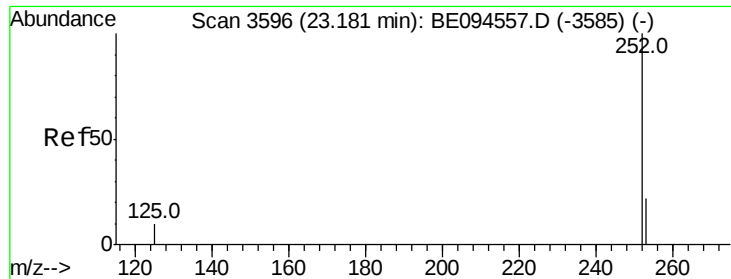
Ion Ratio Lower Upper

228 100

226 32.7 23.4 35.0

229 32.3 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.378 ng/ul

RT: 23.18 min Scan# 3596

Delta R.T. -0.00 min

Lab File: BE094569.D

Acq: 26 Oct 2017 19:15

Instrument :

BNA_E

ClientSampleId :

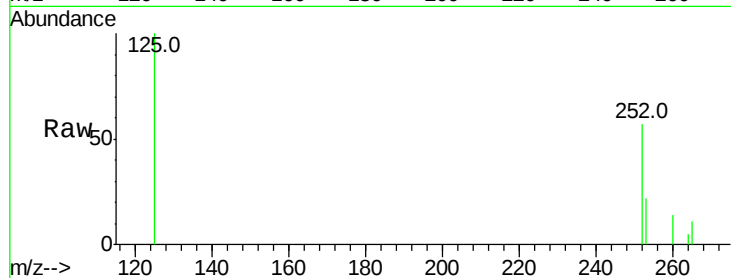
Tot Ion:252 Resp: 8683

Ion Ratio Lower Upper

252 100

253 38.8 0.0 64.2

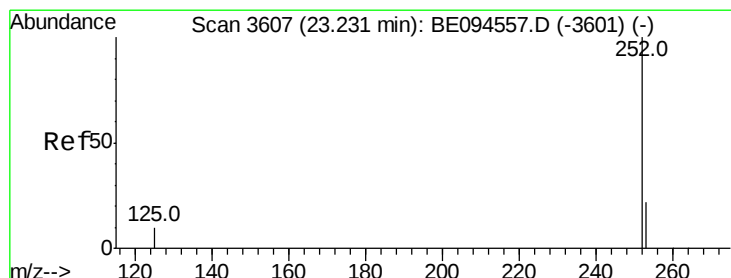
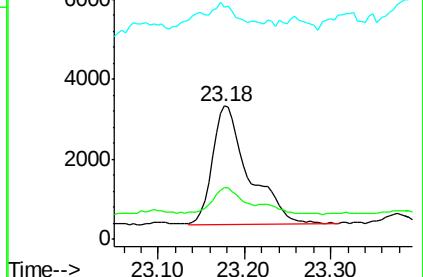
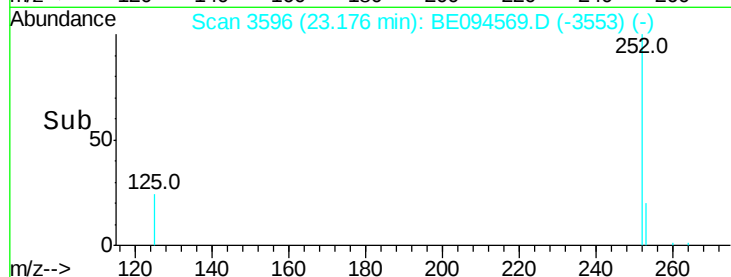
125 174.4 0.0 35.0#



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: 0.349 ng/ul

RT: 23.18 min Scan# 3596

Delta R.T. -0.05 min

Lab File: BE094569.D

Acq: 26 Oct 2017 19:15

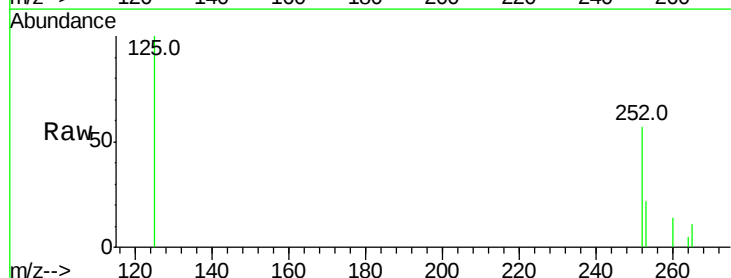
Tgt Ion:252 Resp: 8598

Ion Ratio Lower Upper

252 100

253 38.8 24.5 36.7#

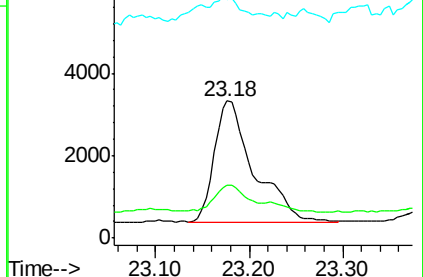
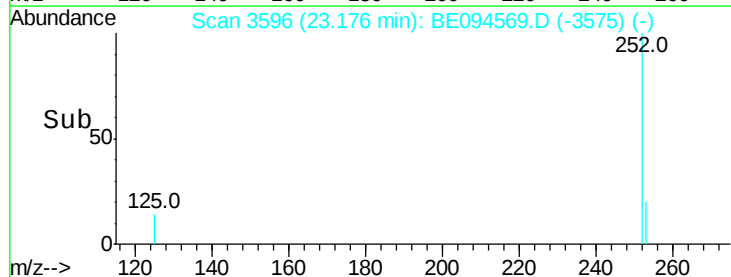
125 174.4 13.7 20.5#

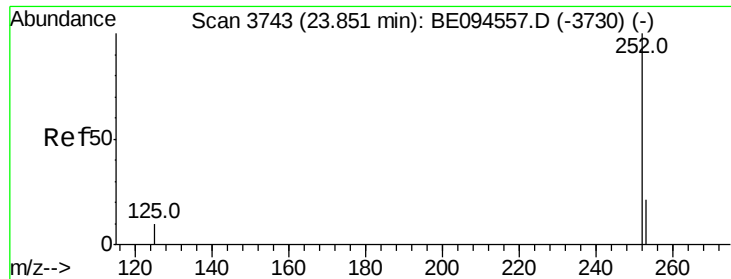


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.136 ng/ul

RT: 23.85 min Scan# 3743

Delta R.T. -0.00 min

Lab File: BE094569.D

Acq: 26 Oct 2017 19:15

Instrument :

BNA_E

ClientSampleId :

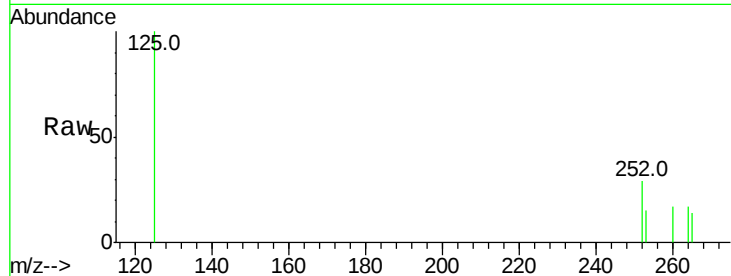
Tot Ion:252 Resp: 3130

Ion Ratio Lower Upper

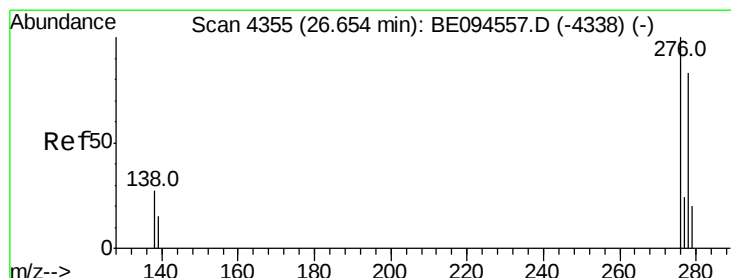
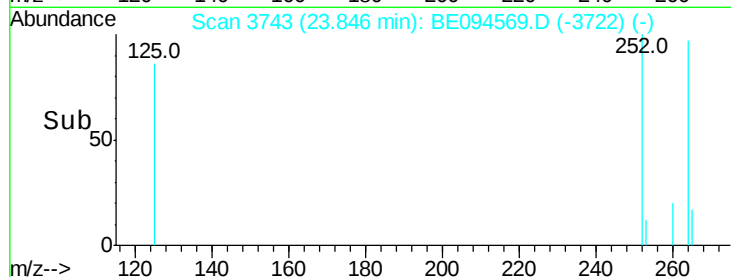
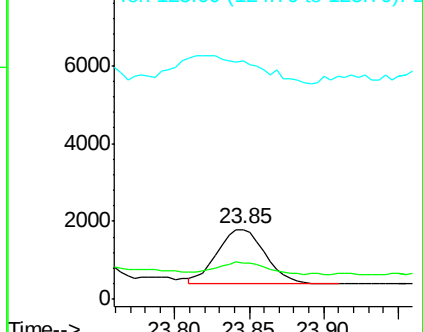
252 100

253 52.6 28.5 42.7#

125 339.8 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: 0.108 ng/ul

RT: 26.65 min Scan# 4356

Delta R.T. -0.00 min

Lab File: BE094569.D

Acq: 26 Oct 2017 19:15

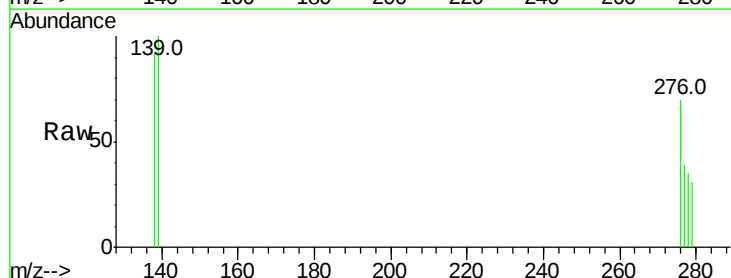
Tgt Ion:276 Resp: 2573

Ion Ratio Lower Upper

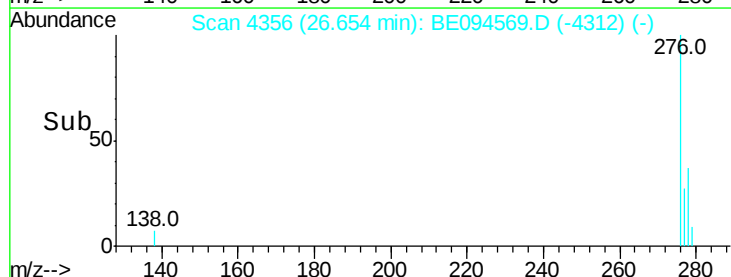
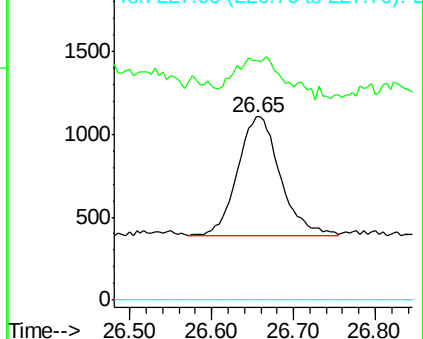
276 100

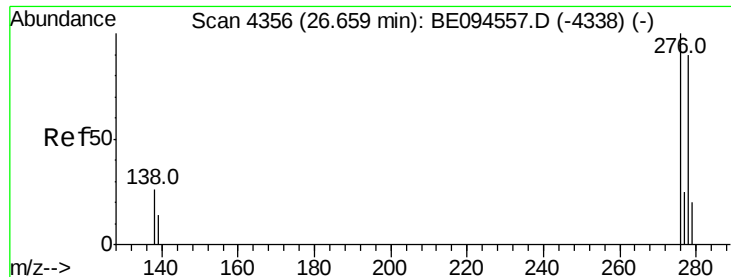
138 41.5 28.0 42.0

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





#25

Dibenzo(a,h)anthracene

Concen: 0.061 ng/ul

RT: 26.64 min Scan# 4354

Delta R.T. -0.01 min

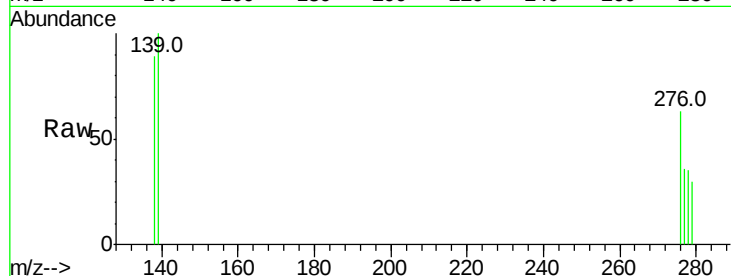
Lab File: BE094569.D

Acq: 26 Oct 2017 19:15

Instrument :

BNA_E

ClientSampleId :



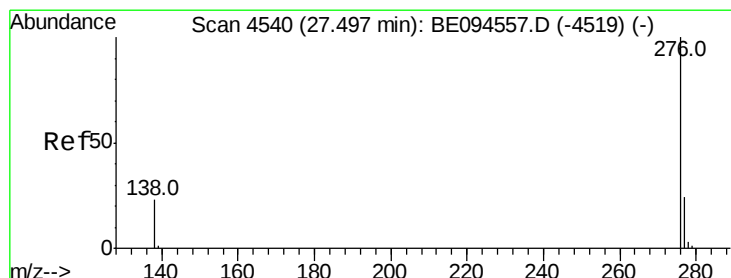
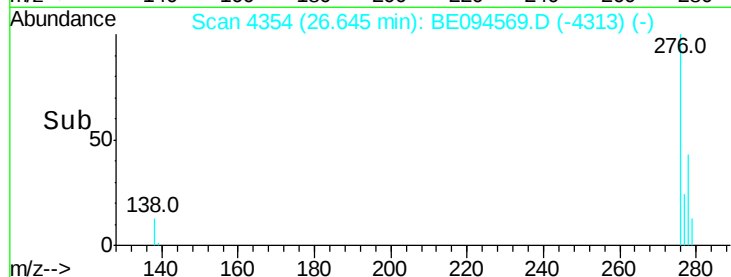
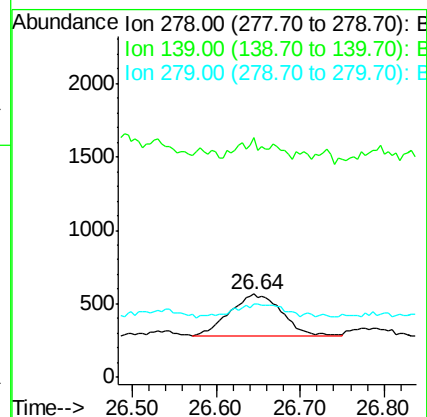
Tot Ion:278 Resp: 1221

Ion Ratio Lower Upper

278 100

139 288.7 17.4 26.0#

279 87.5 25.9 38.9#



#26

Benzo(g,h,i)perylene

Concen: 0.166 ng/ul

RT: 27.50 min Scan# 4541

Delta R.T. -0.00 min

Lab File: BE094569.D

Acq: 26 Oct 2017 19:15

Tgt Ion:276 Resp: 3172

Ion Ratio Lower Upper

276 100

138 109.8 21.8 32.8#

277 51.2 20.5 30.7#

