

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102617\
 Data File : BE094595.D
 Acq On : 27 Oct 2017 14:35
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 27 15:10:51 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

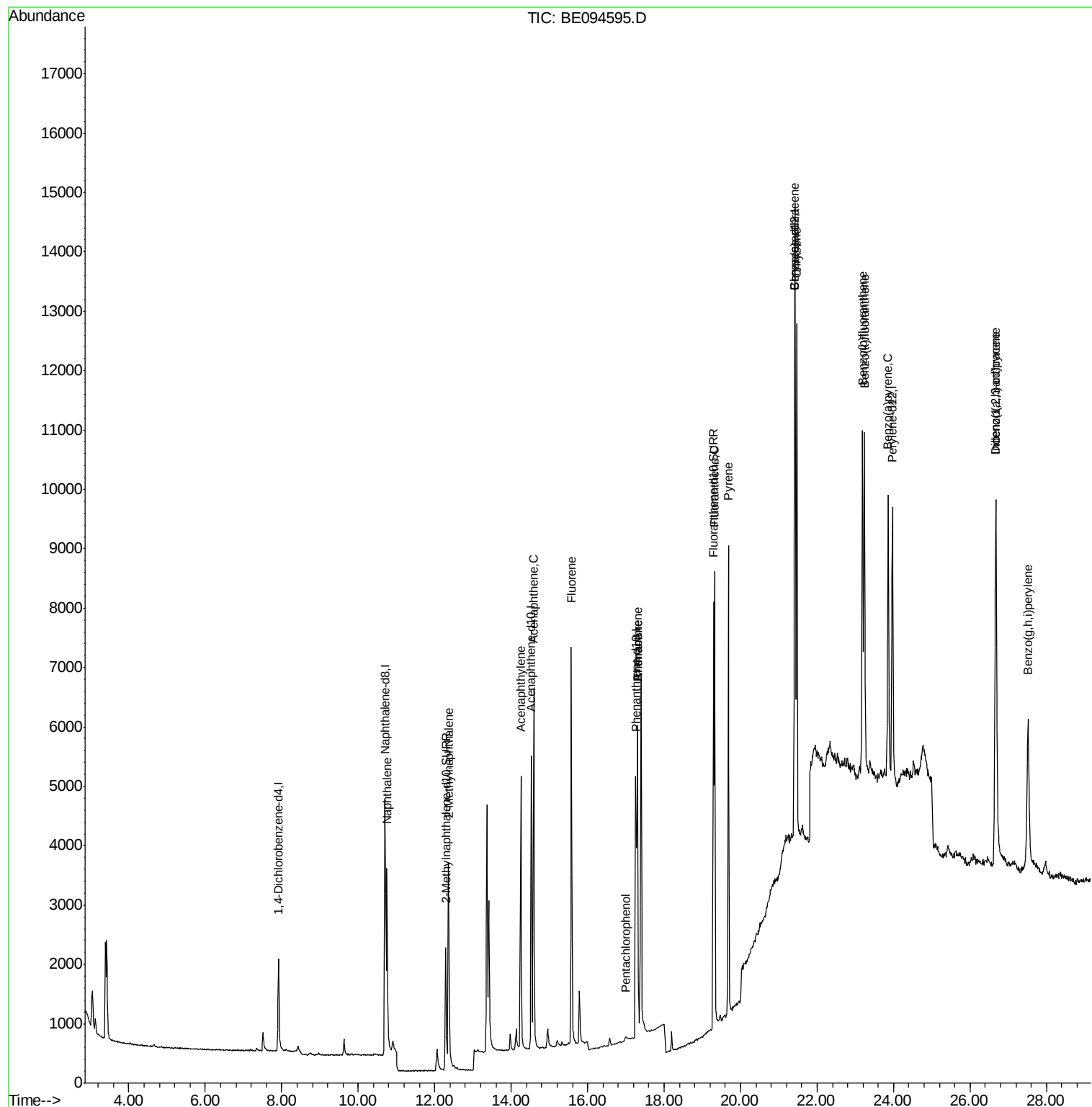
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1038	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	6020	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	3272	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	7341	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	7371	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	7193	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	3790	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	9020	0.41	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	5637	0.383	ng/ul#	94
5) 2-Methylnaphthalene	12.36	142	3927	0.381	ng/ul	99
7) Acenaphthylene	14.25	152	6157	0.416	ng/ul	97
8) Acenaphthene	14.59	153	4260	0.401	ng/ul	99
9) Fluorene	15.57	166	4848	0.406	ng/ul	92
11) Pentachlorophenol	17.00	266	195	0.532	ng/ul	97
12) Phenanthrene	17.31	178	7746	0.399	ng/ul	94
13) Anthracene	17.31	178	7669	0.401	ng/ul	96
15) Fluoranthene	19.32	202	9336	0.416	ng/ul	84
17) Pyrene	19.68	202	9716	0.426	ng/ul#	81
18) Benzo(a)anthracene	21.41	228	8998	0.427	ng/ul#	85
19) Chrysene	21.47	228	8476	0.389	ng/ul#	81
21) Benzo(b)fluoranthene	23.19	252	8481	0.419	ng/ul#	69
22) Benzo(k)fluoranthene	23.24	252	8260	0.381	ng/ul#	69
23) Benzo(a)pyrene	23.86	252	8230	0.407	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	26.68	276	8729	0.417	ng/ul#	81
25) Dibenzo(a,h)anthracene	26.68	278	7482	0.424	ng/ul#	67
26) Benzo(g,h,i)perylene	27.52	276	6876	0.409	ng/ul#	64

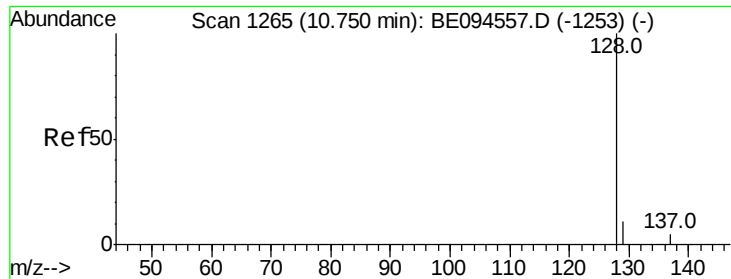
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_E
ClientSampled :

Quant Time: Oct 27 15:10:51 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
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QLast Update : Fri Oct 27 04:05:19 2017
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#3

Naphthalene

Concen: 0.383 ng/ul

RT: 10.75 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE094595.D

Acq: 27 Oct 2017 14:35

Instrument :

BNA_E

ClientSampleId :

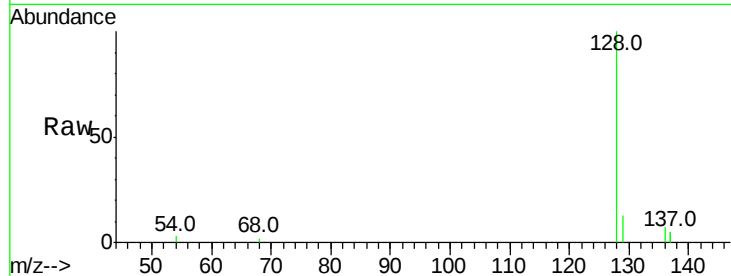
Tot Ion:128 Resp: 5637

Ion Ratio Lower Upper

128 100

129 13.1 11.3 16.9

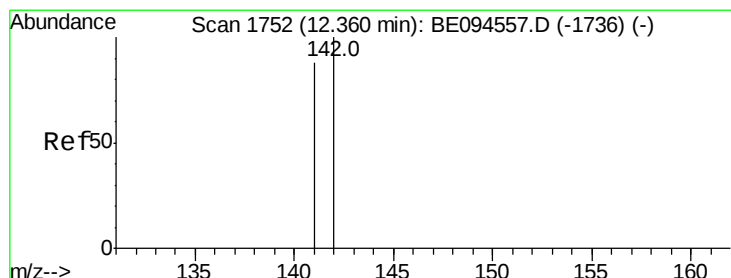
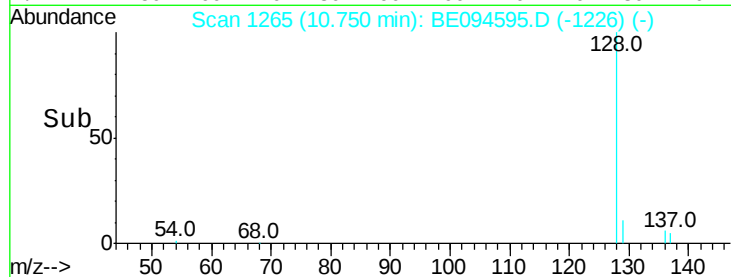
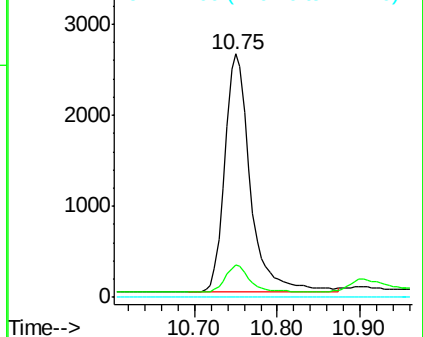
127 0.0 4.0 6.0#



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: 0.381 ng/ul

RT: 12.36 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BE094595.D

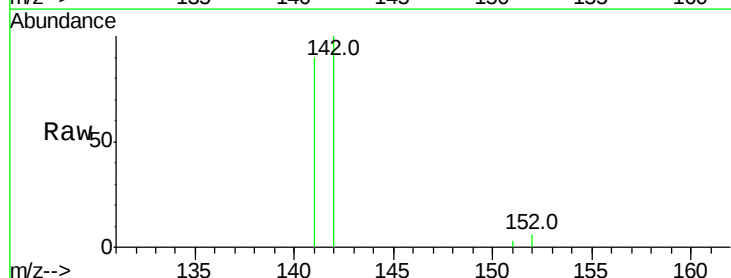
Acq: 27 Oct 2017 14:35

Tgt Ion:142 Resp: 3927

Ion Ratio Lower Upper

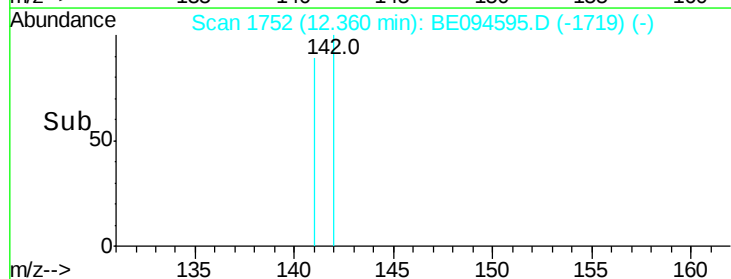
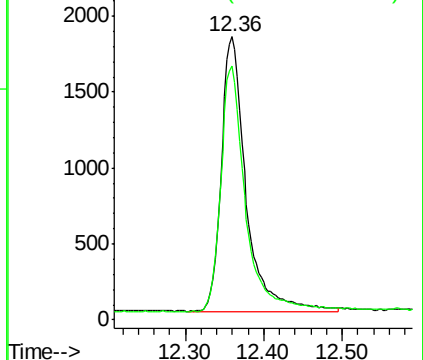
142 100

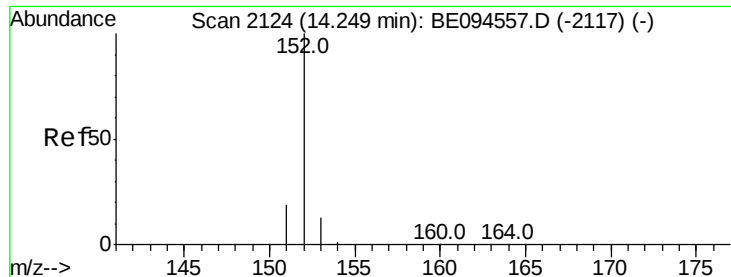
141 90.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.416 ng/ul

RT: 14.25 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE094595.D

Acq: 27 Oct 2017 14:35

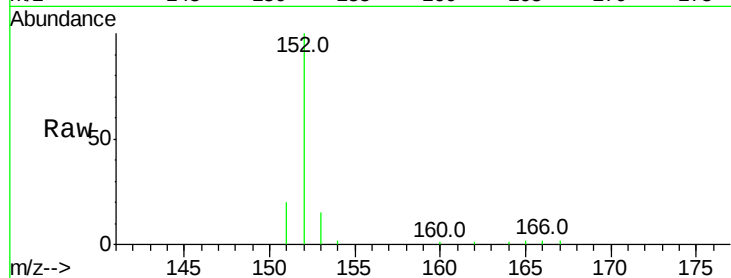
Instrument :

BNA_E

ClientSampleId :

Tot Ion:152 Resp: 6157

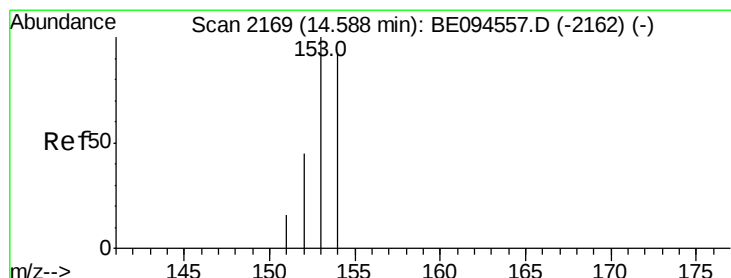
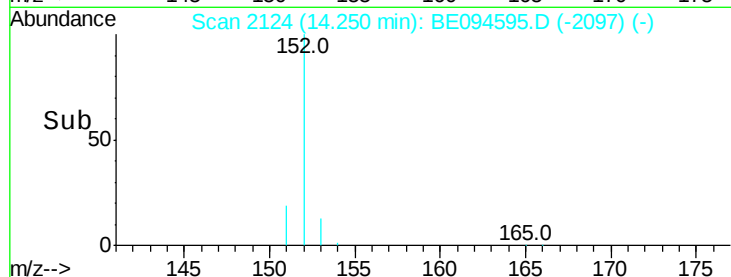
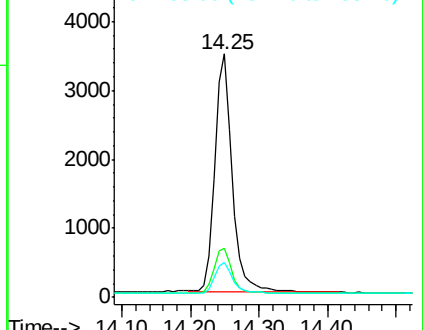
Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.1	25.7
153	14.6	12.8	19.2



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



#8

Acenaphthene

Concen: 0.401 ng/ul

RT: 14.59 min Scan# 2169

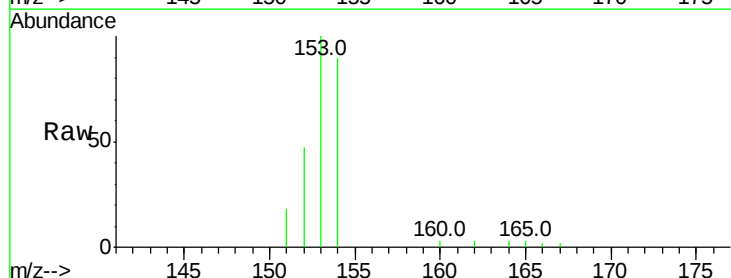
Delta R.T. 0.00 min

Lab File: BE094595.D

Acq: 27 Oct 2017 14:35

Tgt Ion:153 Resp: 4260

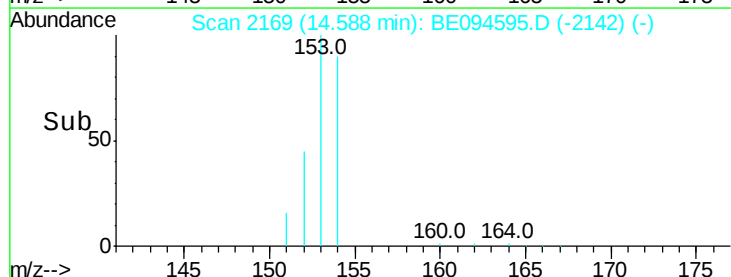
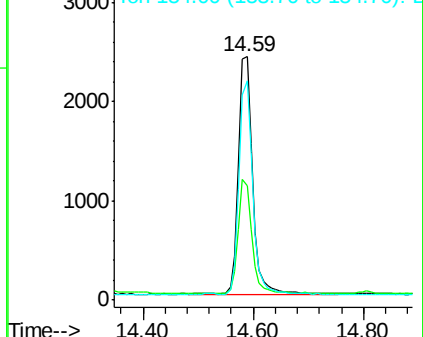
Ion	Ratio	Lower	Upper
153	100		
152	47.0	36.0	54.0
154	89.9	72.0	108.0

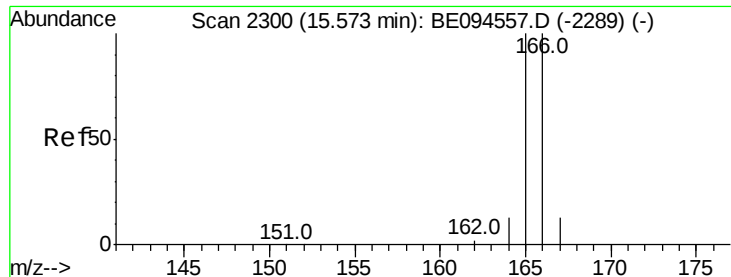


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

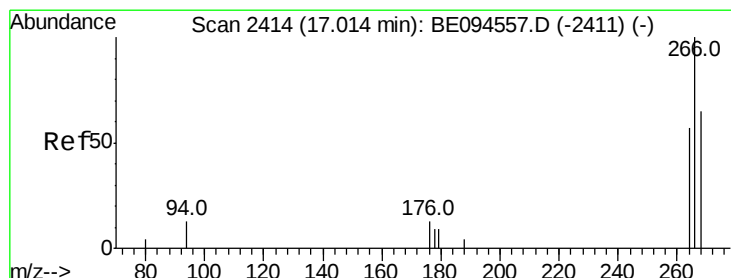
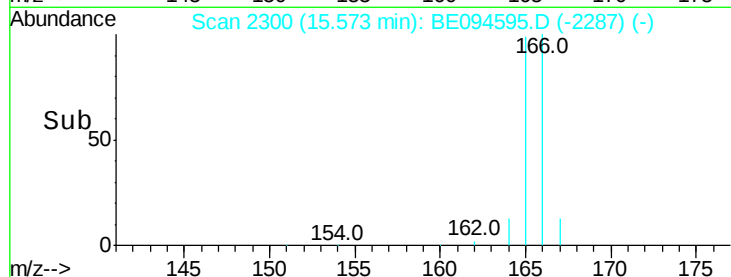
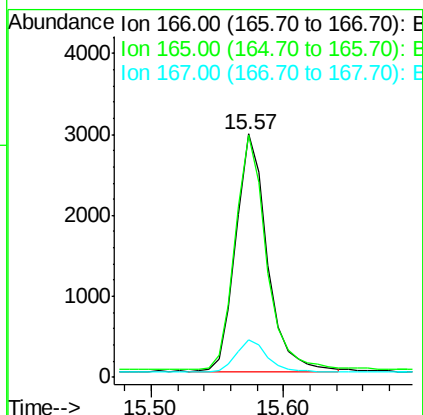
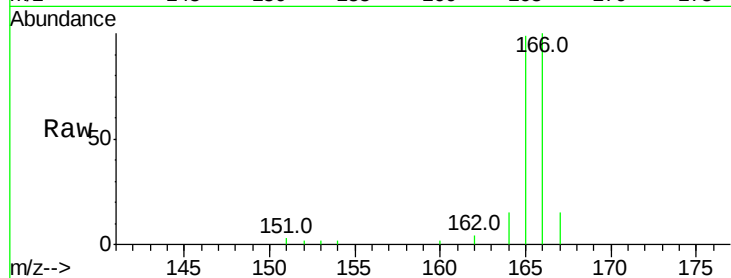




#9
Fluorene
 Concen: 0.406 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BE094595.D
 Acq: 27 Oct 2017 14:35

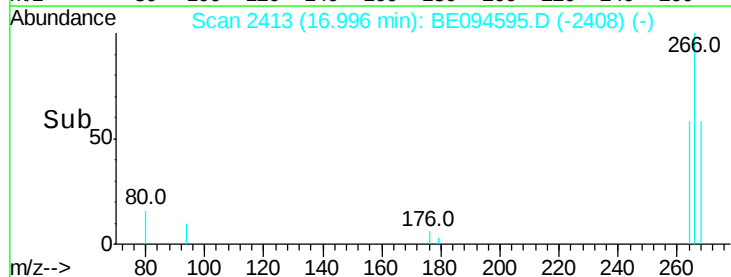
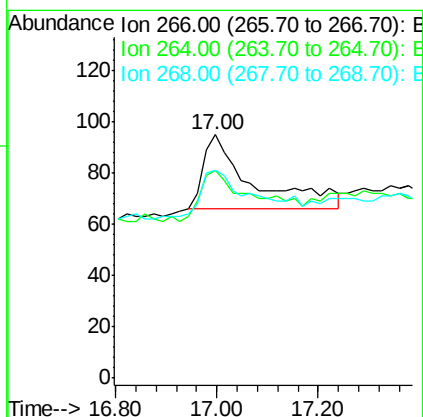
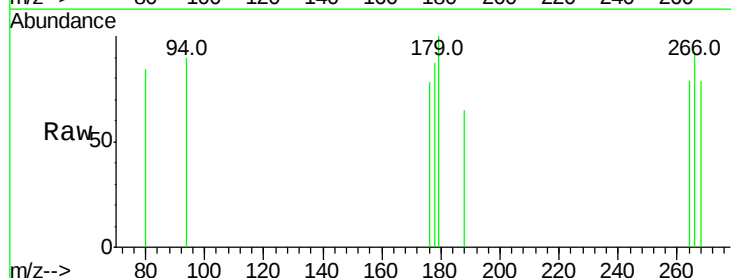
Instrument :
 BNA_E
 ClientSampleId :

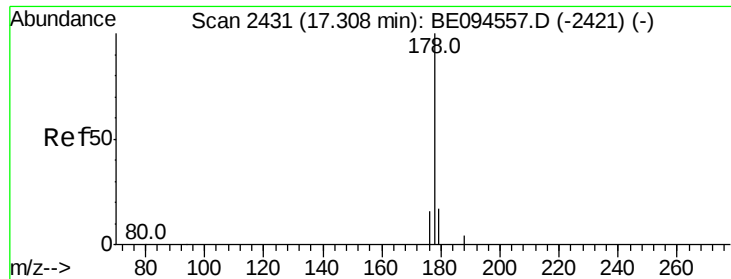
Tot Ion:166 Resp: 4848
 Ion Ratio Lower Upper
 166 100
 165 99.4 73.4 110.2
 167 15.2 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.532 ng/ul
 RT: 17.00 min Scan# 2413
 Delta R.T. -0.02 min
 Lab File: BE094595.D
 Acq: 27 Oct 2017 14:35

Tgt Ion:266 Resp: 195
 Ion Ratio Lower Upper
 266 100
 264 64.1 47.9 71.9
 268 63.1 49.8 74.8





#12

Phenanthrene

Concen: 0.399 ng/ul

RT: 17.31 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BE094595.D

Acq: 27 Oct 2017 14:35

Instrument :

BNA_E

ClientSampleId :

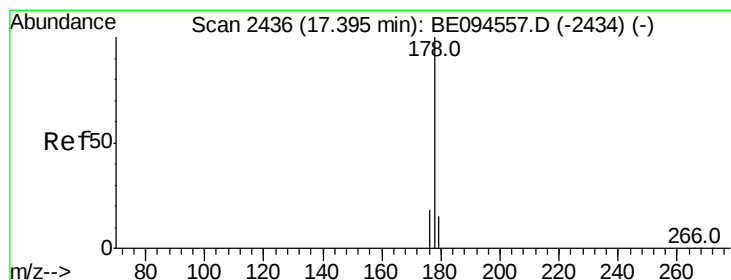
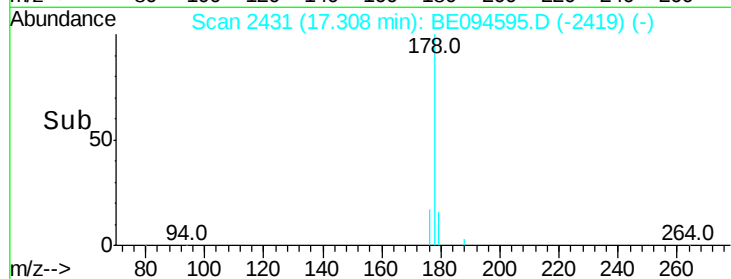
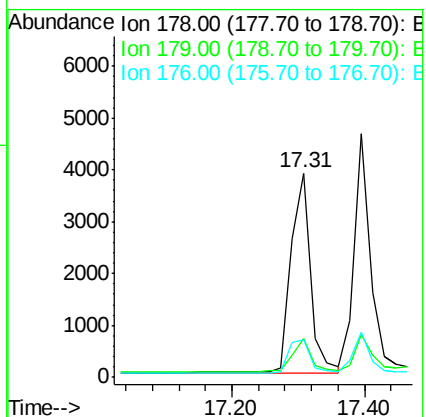
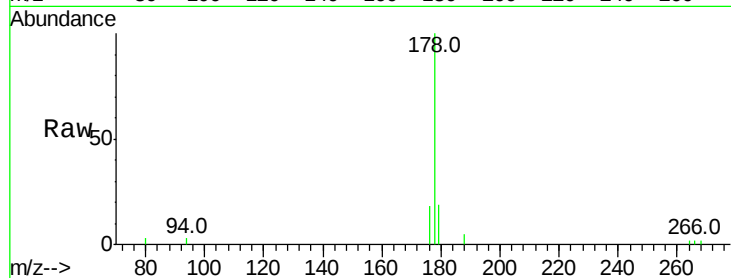
Tot Ion:178 Resp: 7746

Ion Ratio Lower Upper

178 100

179 18.9 18.4 27.6

176 18.4 13.6 20.4



#13

Anthracene

Concen: 0.401 ng/ul

RT: 17.31 min Scan# 2431

Delta R.T. -0.09 min

Lab File: BE094595.D

Acq: 27 Oct 2017 14:35

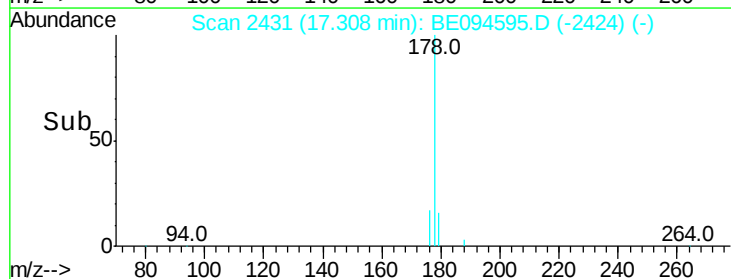
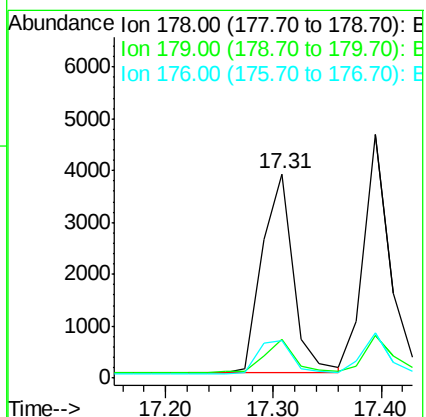
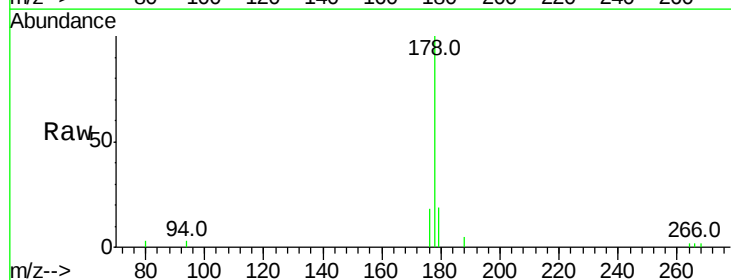
Tgt Ion:178 Resp: 7669

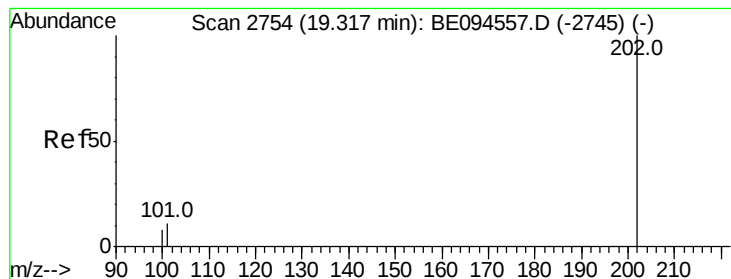
Ion Ratio Lower Upper

178 100

179 18.9 18.1 27.1

176 18.4 14.7 22.1





#15

Fluoranthene

Concen: 0.416 ng/ul

RT: 19.32 min Scan# 2754

Delta R.T. 0.00 min

Lab File: BE094595.D

Acq: 27 Oct 2017 14:35

Instrument :

BNA_E

ClientSampleId :

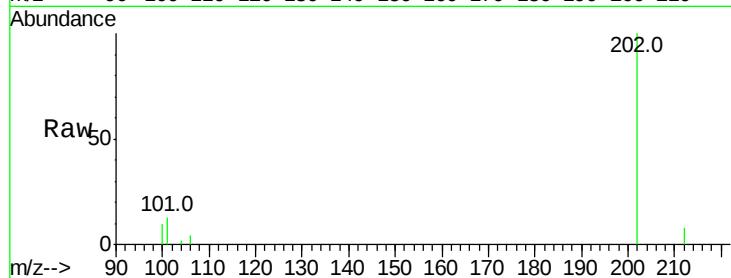
Tot Ion:202 Resp: 9336

Ion Ratio Lower Upper

202 100

101 12.5 0.0 30.3

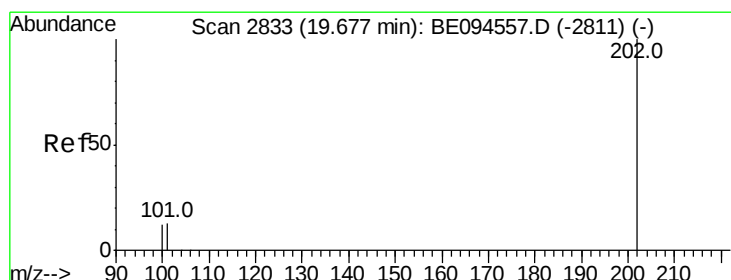
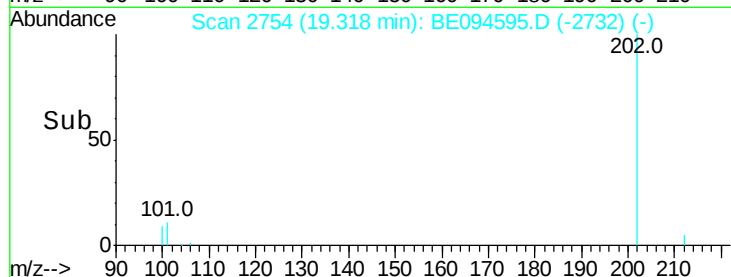
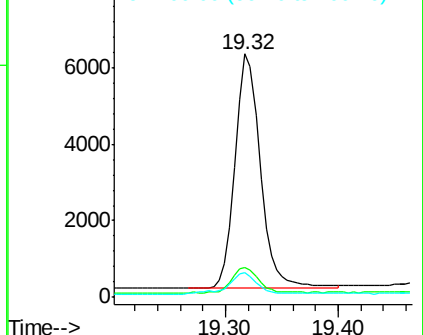
100 10.1 0.0 39.5



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: 0.426 ng/ul

RT: 19.68 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BE094595.D

Acq: 27 Oct 2017 14:35

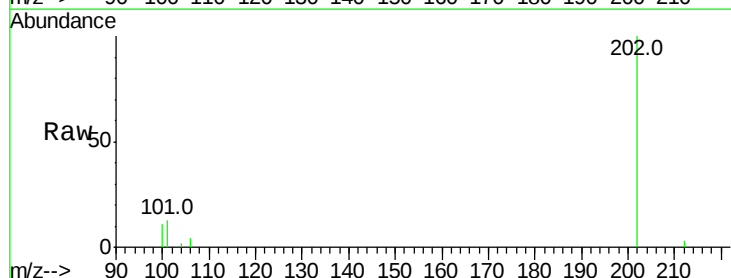
Tgt Ion:202 Resp: 9716

Ion Ratio Lower Upper

202 100

101 13.5 18.2 27.4#

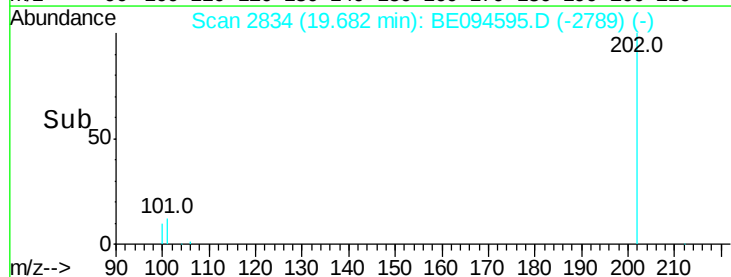
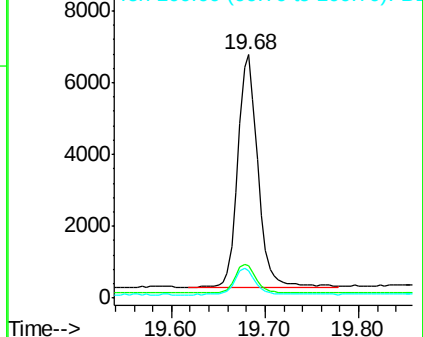
100 11.2 15.6 23.4#

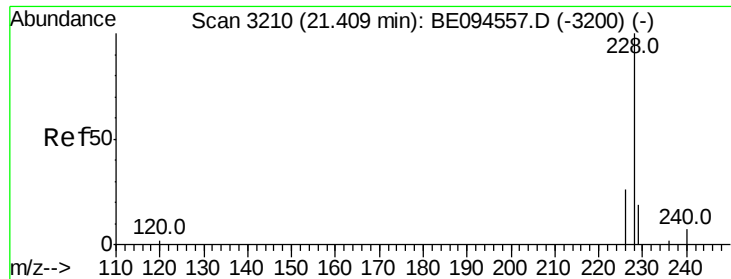


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

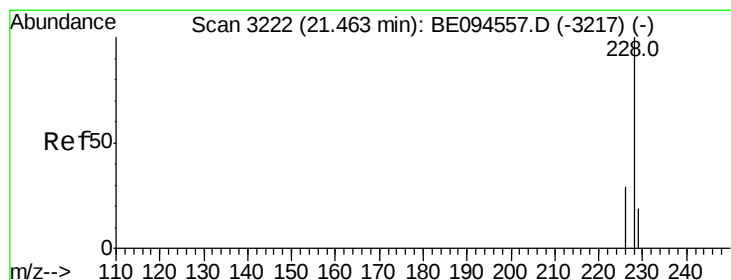
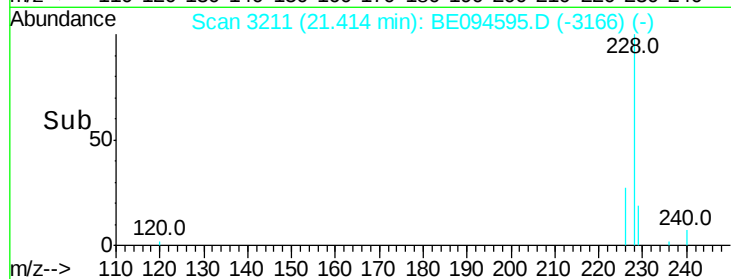
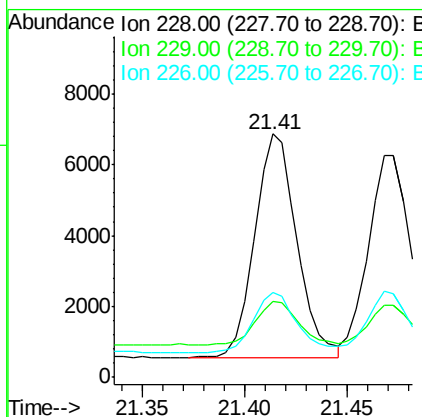
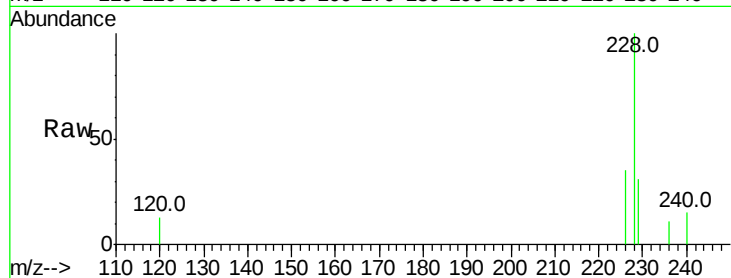




#18
Benzo(a)anthracene
Concen: 0.427 ng/ul
RT: 21.41 min Scan# 3211
Delta R.T. 0.00 min
Lab File: BE094595.D
Acq: 27 Oct 2017 14:35

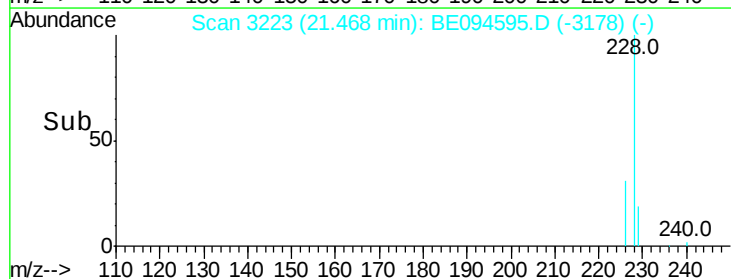
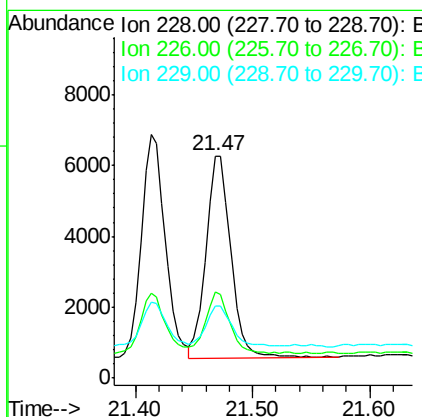
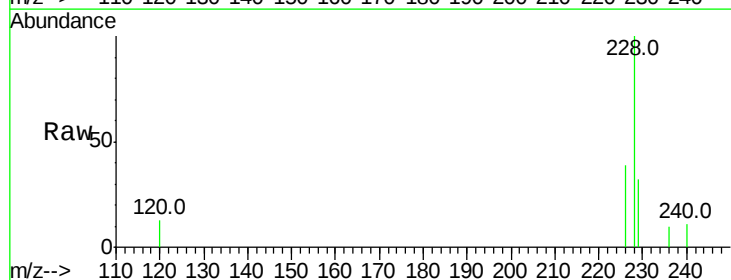
Instrument :
BNA_E
ClientSampleId :

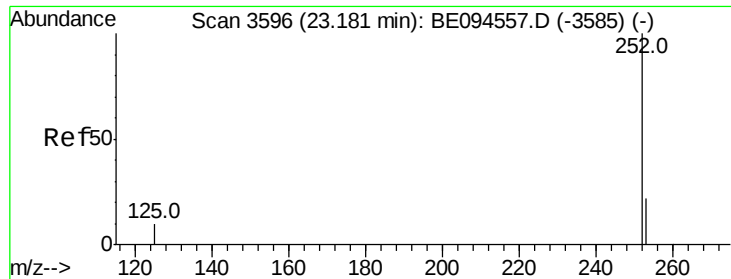
Tot Ion:228 Resp: 8998
Ion Ratio Lower Upper
228 100
229 31.0 22.8 34.2
226 34.9 17.0 25.6#



#19
Chrysene
Concen: 0.389 ng/ul
RT: 21.47 min Scan# 3223
Delta R.T. 0.00 min
Lab File: BE094595.D
Acq: 27 Oct 2017 14:35

Tgt Ion:228 Resp: 8476
Ion Ratio Lower Upper
228 100
226 38.7 23.4 35.0#
229 32.2 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.419 ng/ul

RT: 23.19 min Scan# 3598

Delta R.T. 0.01 min

Lab File: BE094595.D

Acq: 27 Oct 2017 14:35

Instrument :

BNA_E

ClientSampleId :

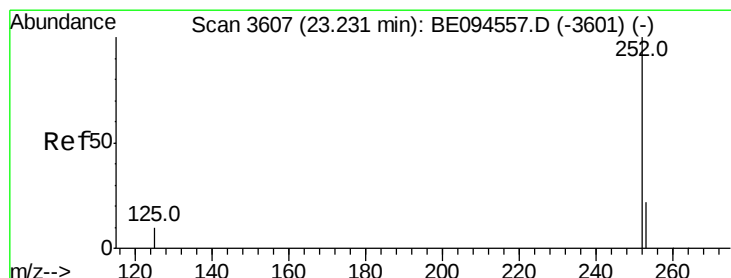
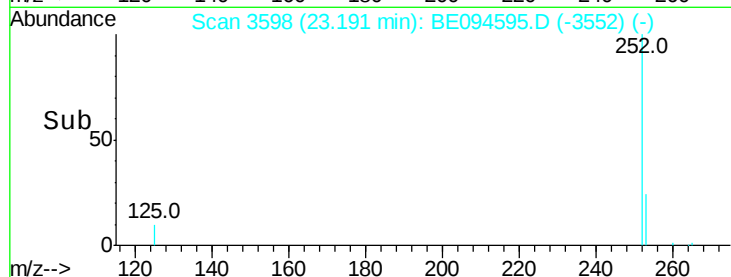
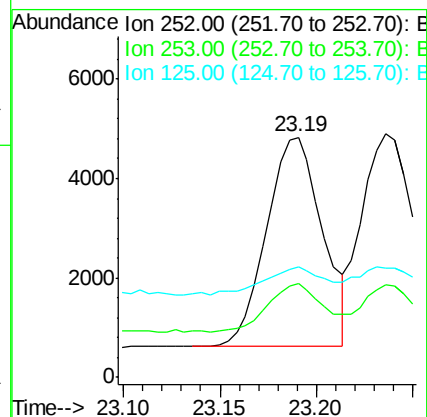
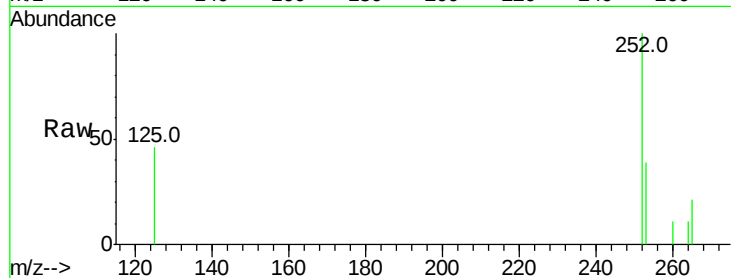
Tot Ion:252 Resp: 8481

Ion Ratio Lower Upper

252 100

253 39.1 0.0 64.2

125 46.0 0.0 35.0#



#22

Benzo(k)fluoranthene

Concen: 0.381 ng/ul

RT: 23.24 min Scan# 3608

Delta R.T. 0.00 min

Lab File: BE094595.D

Acq: 27 Oct 2017 14:35

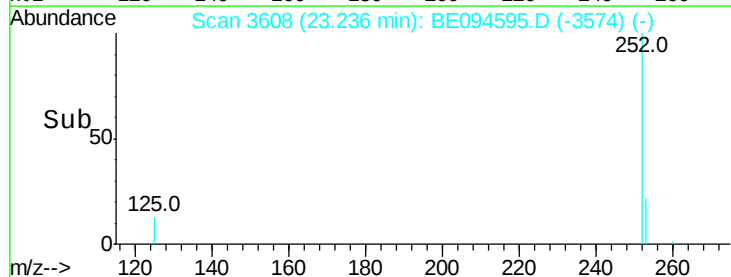
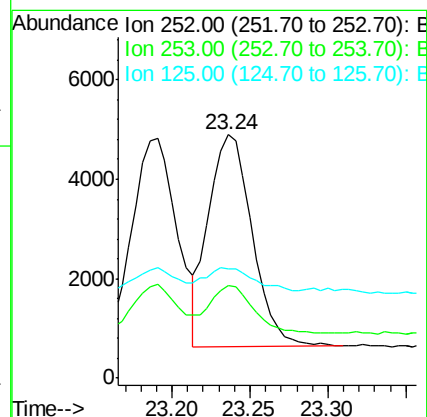
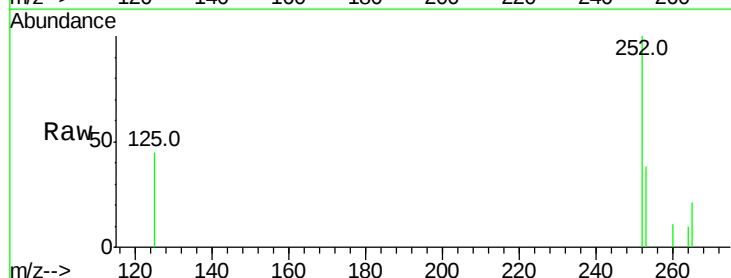
Tgt Ion:252 Resp: 8260

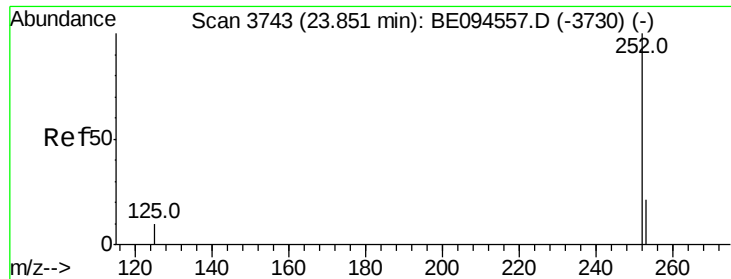
Ion Ratio Lower Upper

252 100

253 37.8 24.5 36.7#

125 44.7 13.7 20.5#





#23

Benzo(a)pyrene

Concen: 0.407 ng/ul

RT: 23.86 min Scan# 3745

Delta R.T. 0.01 min

Lab File: BE094595.D

Acq: 27 Oct 2017 14:35

Instrument :

BNA_E

ClientSampleId :

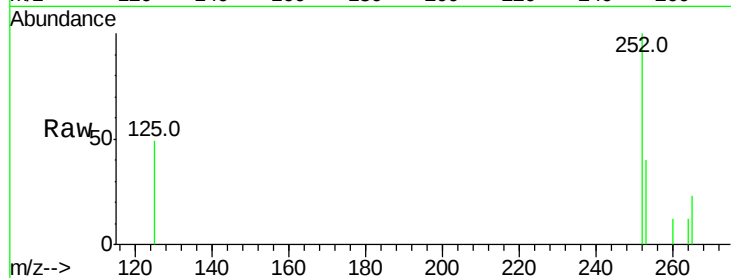
Tot Ion:252 Resp: 8230

Ion Ratio Lower Upper

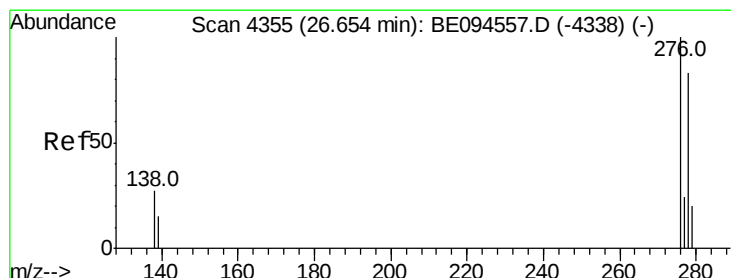
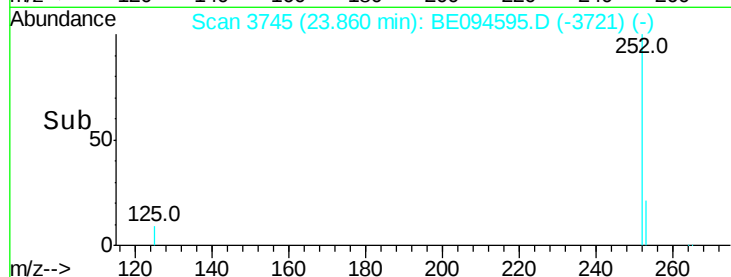
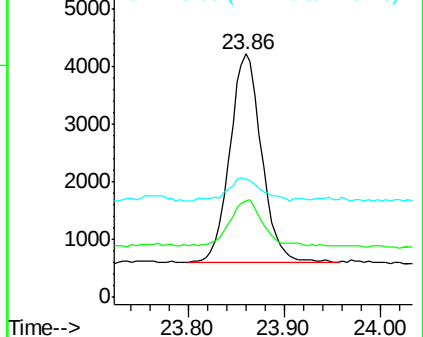
252 100

253 39.8 28.5 42.7

125 48.6 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: 0.417 ng/ul

RT: 26.68 min Scan# 4360

Delta R.T. 0.02 min

Lab File: BE094595.D

Acq: 27 Oct 2017 14:35

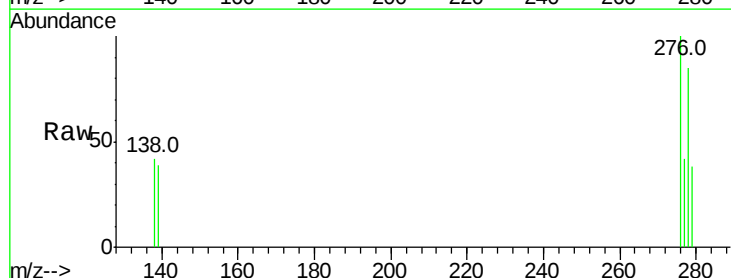
Tgt Ion:276 Resp: 8729

Ion Ratio Lower Upper

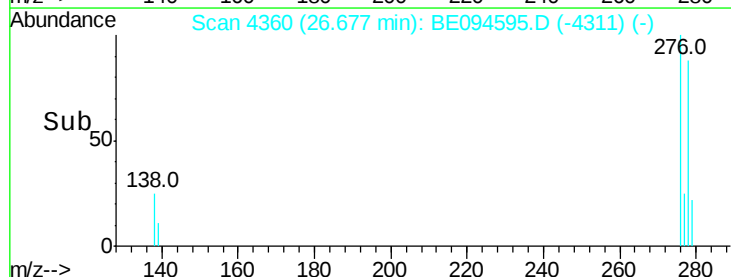
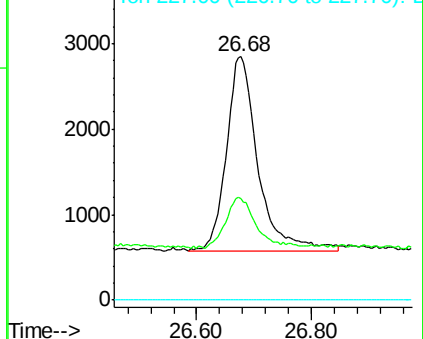
276 100

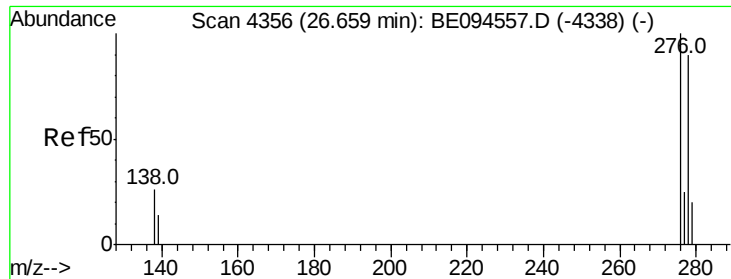
138 25.5 28.0 42.0#

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: 0.424 ng/ul

RT: 26.68 min Scan# 4360

Delta R.T. 0.02 min

Lab File: BE094595.D

Acq: 27 Oct 2017 14:35

Instrument :

BNA_E

ClientSampleId :

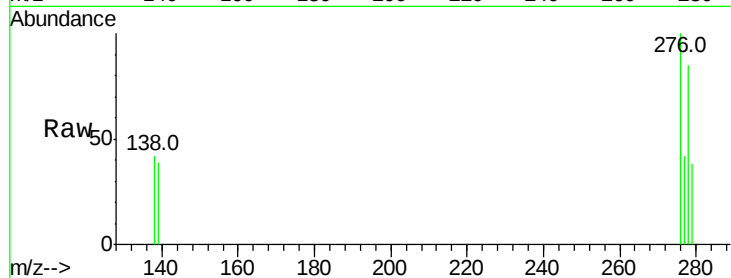
Tot Ion:278 Resp: 7482

Ion Ratio Lower Upper

278 100

139 45.9 17.4 26.0#

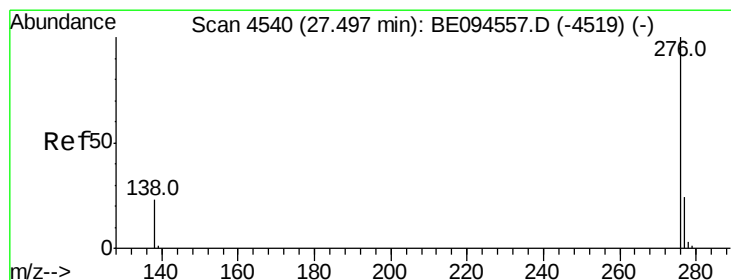
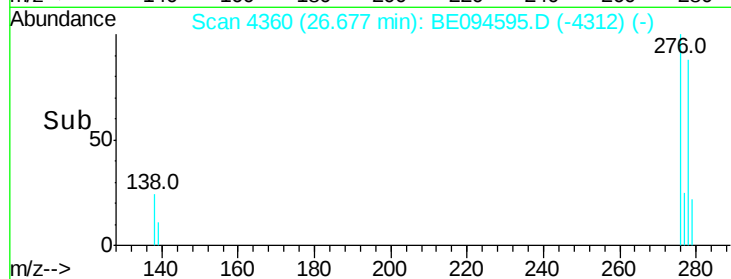
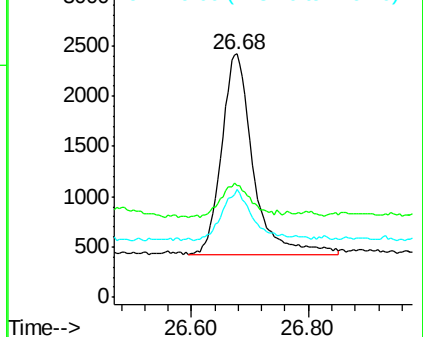
279 44.3 25.9 38.9#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.409 ng/ul

RT: 27.52 min Scan# 4544

Delta R.T. 0.02 min

Lab File: BE094595.D

Acq: 27 Oct 2017 14:35

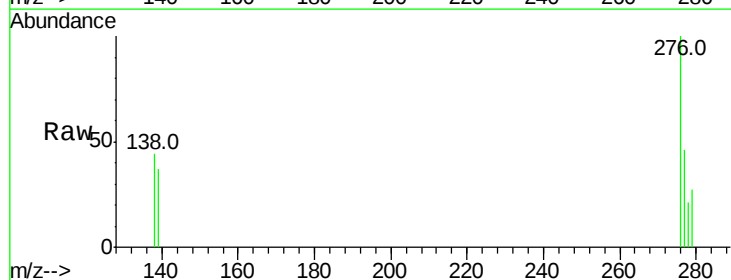
Tgt Ion:276 Resp: 6876

Ion Ratio Lower Upper

276 100

138 44.5 21.8 32.8#

277 45.5 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

