

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102517\
 Data File : BE094544.D
 Acq On : 25 Oct 2017 21:55
 Operator : SJ/JU
 Sample : I5693-07 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 26 11:59:30 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 18:44:03 2017
 Response via : Initial Calibration

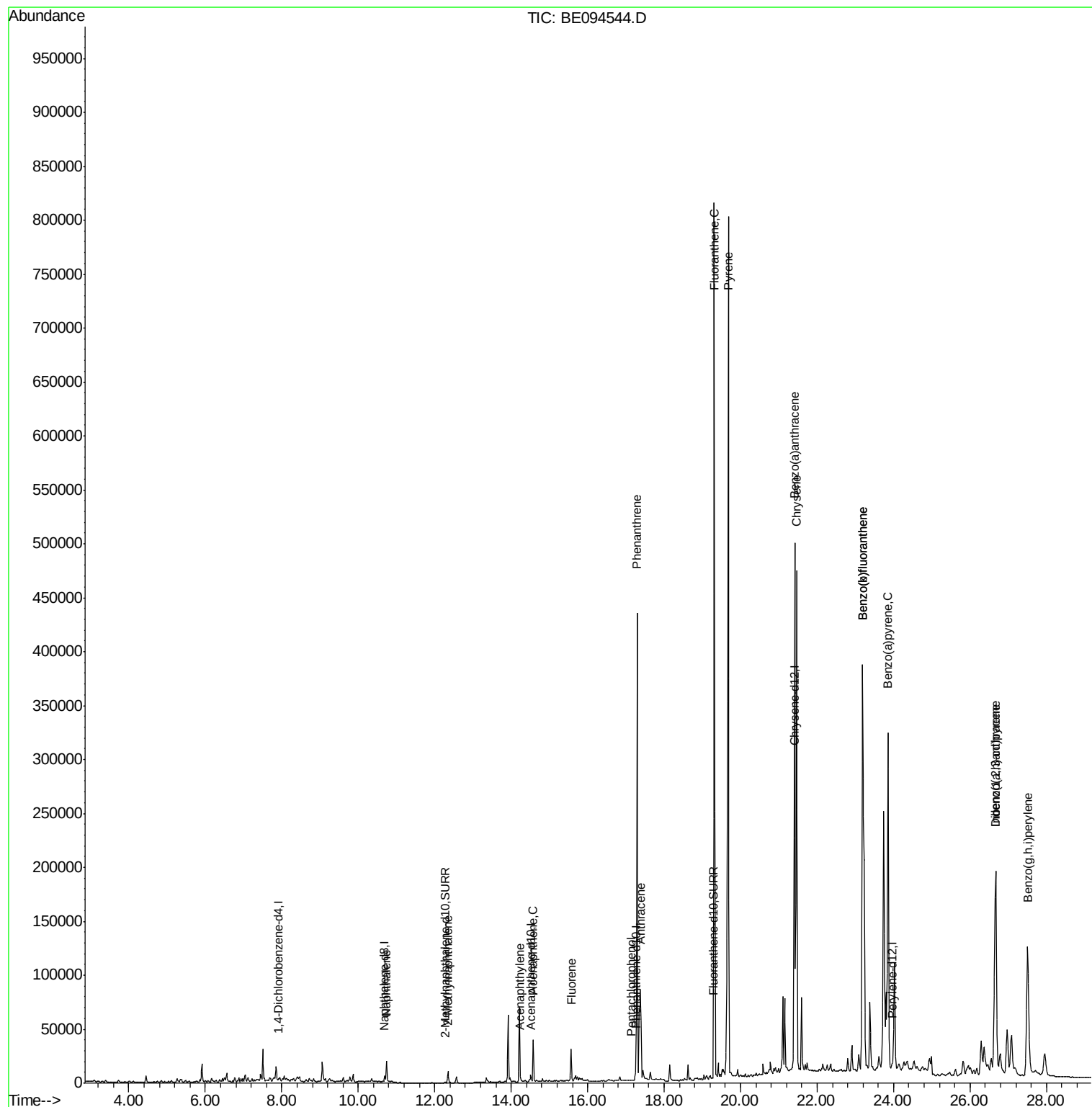
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1218	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	6661	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	3747	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8493	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	8783	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	8828	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	629	0.06	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	1345	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	30390	1.866	ng/ul#	92
5) 2-Methylnaphthalene	12.35	142	9841	0.864	ng/ul	98
7) Acenaphthylene	14.24	152	5299	0.313	ng/ul#	92
8) Acenaphthene	14.57	153	23680	1.944	ng/ul	95
9) Fluorene	15.57	166	20261	1.481	ng/ul	95
11) Pentachlorophenol	17.15	266	14	0.033	ng/ul#	20
12) Phenanthrene	17.29	178	478712	21.340	ng/ul#	88
13) Anthracene	17.38	178	116780	5.275	ng/ul#	89
15) Fluoranthene	19.31	202	894842	34.503	ng/ul	84
17) Pyrene	19.68	202	880144	32.415	ng/ul#	79
18) Benzo(a)anthracene	21.41	228	492077	19.598	ng/ul#	87
19) Chrysene	21.47	228	469702	18.098	ng/ul	99
21) Benzo(b)fluoranthene	23.19	252	954971	38.456	ng/ul	85
22) Benzo(k)fluoranthene	23.19	252	954971	35.886	ng/ul#	87
23) Benzo(a)pyrene	23.85	252	509621	20.530	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.67	276	388308	15.118	ng/ul#	76
25) Dibenzo(a,h)anthracene	26.66	278	93395	4.315	ng/ul	96
26) Benzo(g,h,i)perylene	27.51	276	321332	15.580	ng/ul	96

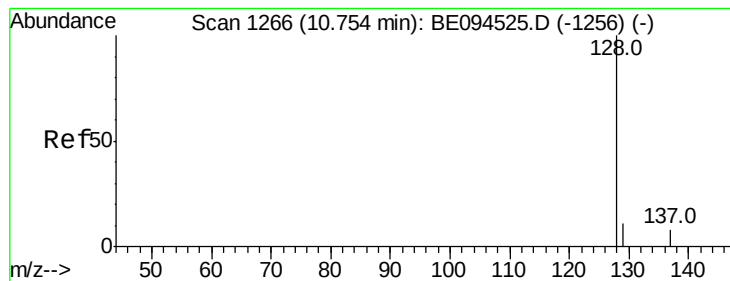
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102517\
Data File : BE094544.D
Acq On : 25 Oct 2017 21:55
Operator : SJ/JU
Sample : I5693-07 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 26 11:59:30 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 25 18:44:03 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.866 ng/ul

RT: 10.74 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BE094544.D

Acq: 25 Oct 2017 21:55

Instrument :

BNA_E

ClientSampleId :

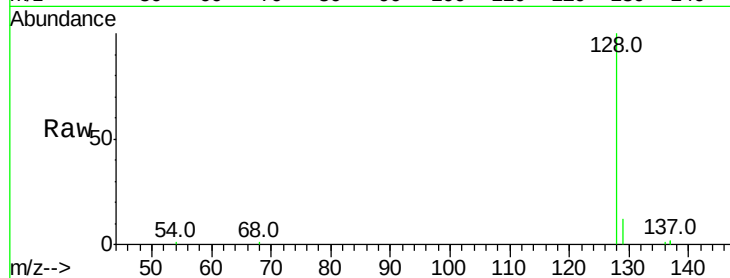
Tot Ion:128 Resp: 30390

Ion Ratio Lower Upper

128 100

129 11.9 11.3 16.9

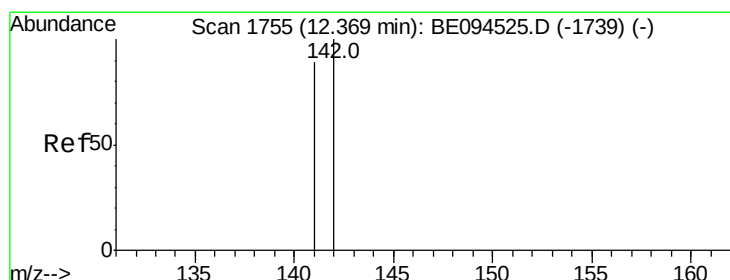
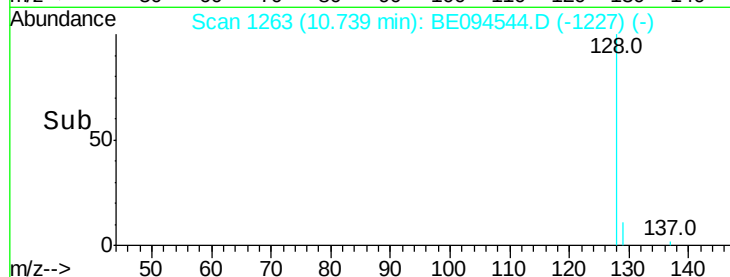
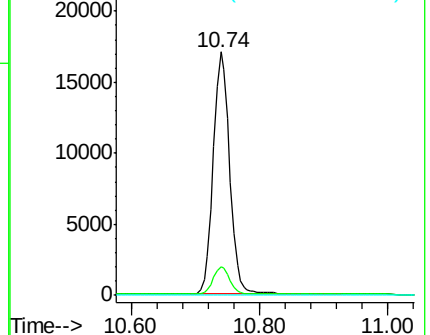
127 0.0 4.0 6.0#



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: 0.864 ng/ul

RT: 12.35 min Scan# 1748

Delta R.T. -0.02 min

Lab File: BE094544.D

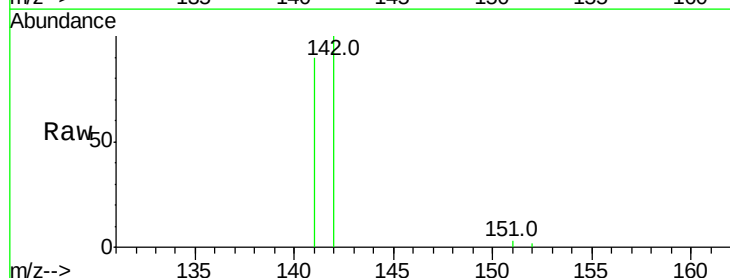
Acq: 25 Oct 2017 21:55

Tgt Ion:142 Resp: 9841

Ion Ratio Lower Upper

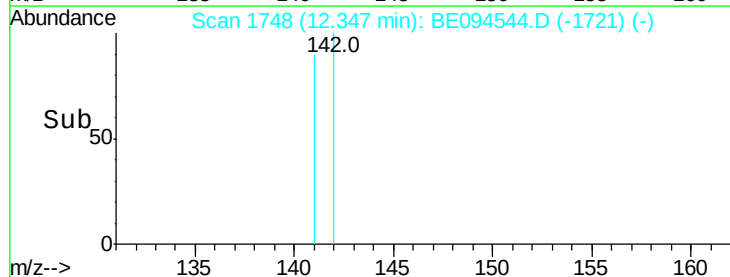
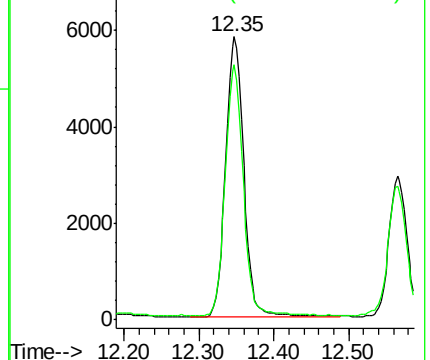
142 100

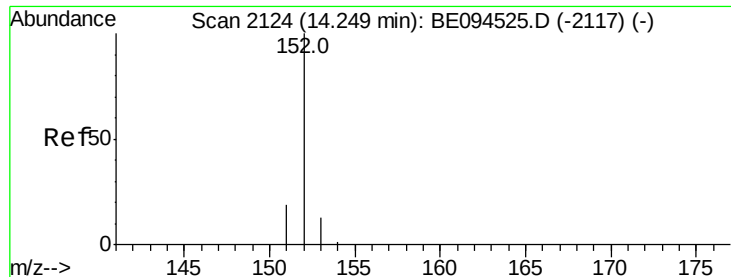
141 88.8 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.313 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. 0.00 min

Lab File: BE094544.D

Acq: 25 Oct 2017 21:55

Instrument :

BNA_E

ClientSampleId :

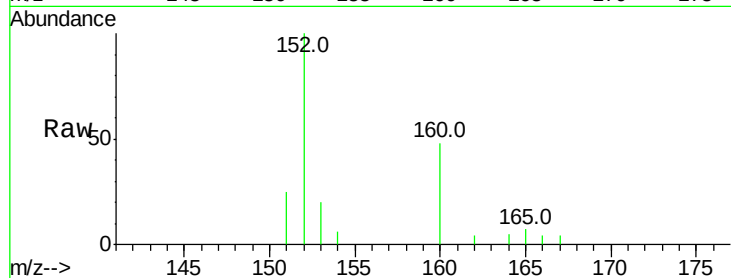
Tot Ion:152 Resp: 5299

Ion Ratio Lower Upper

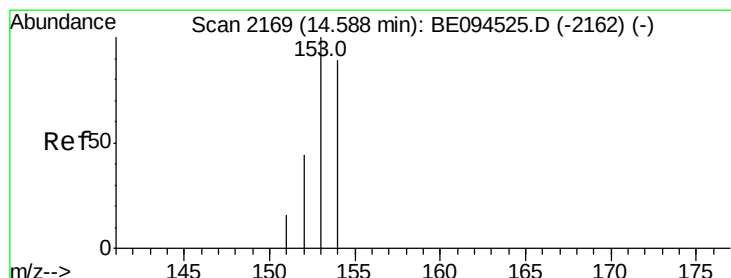
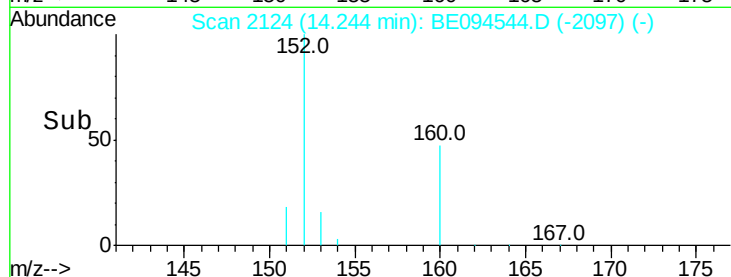
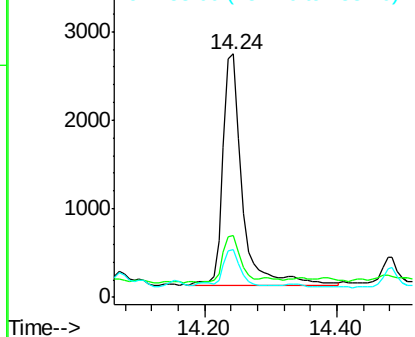
152 100

151 25.3 17.1 25.7

153 19.6 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: 1.944 ng/ul

RT: 14.57 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BE094544.D

Acq: 25 Oct 2017 21:55

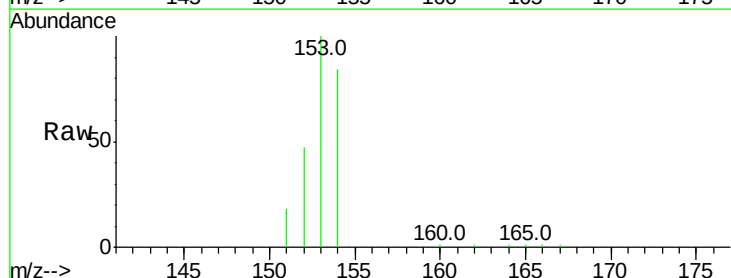
Tgt Ion:153 Resp: 23680

Ion Ratio Lower Upper

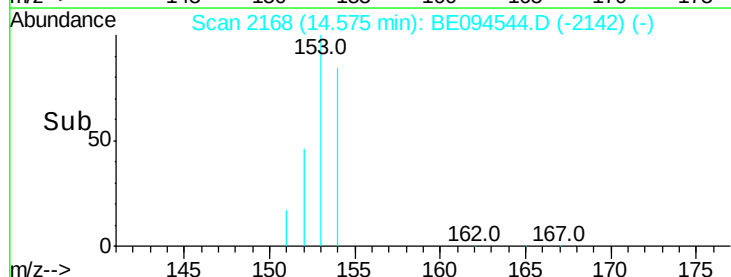
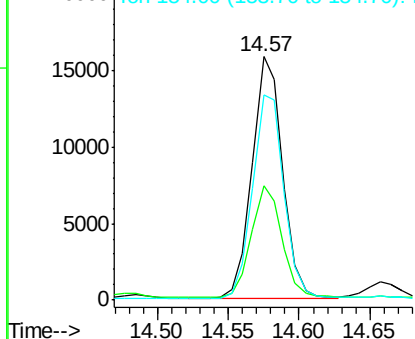
153 100

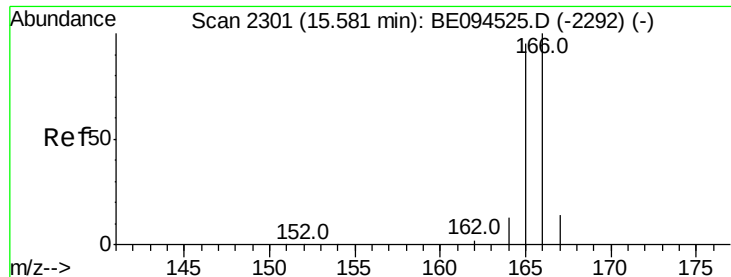
152 47.0 36.0 54.0

154 84.3 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

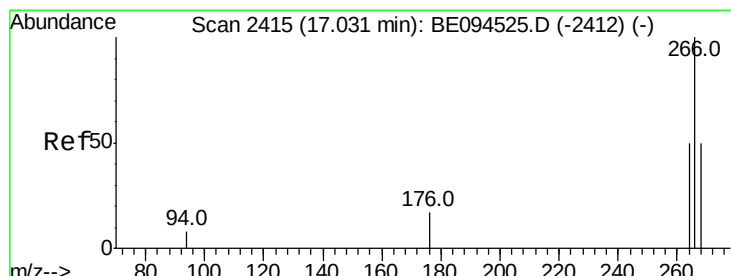
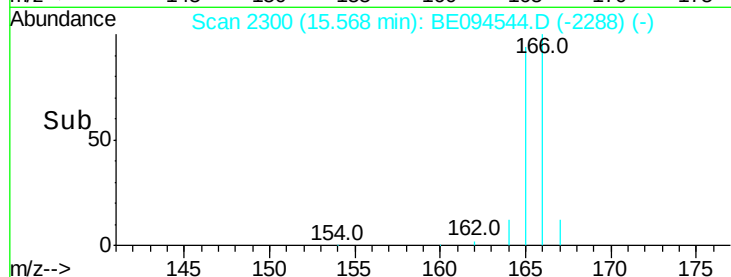
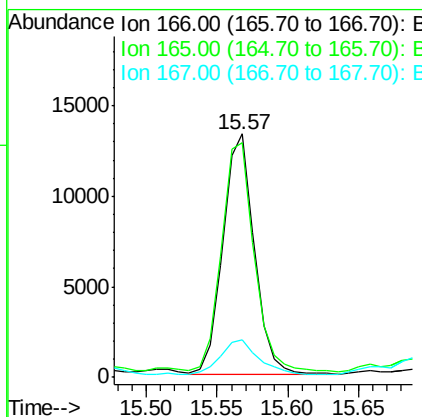
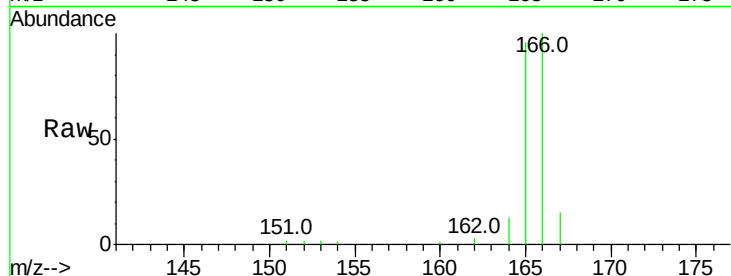




#9
Fluorene
Concen: 1.481 ng/ul
RT: 15.57 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BE094544.D
Acq: 25 Oct 2017 21:55

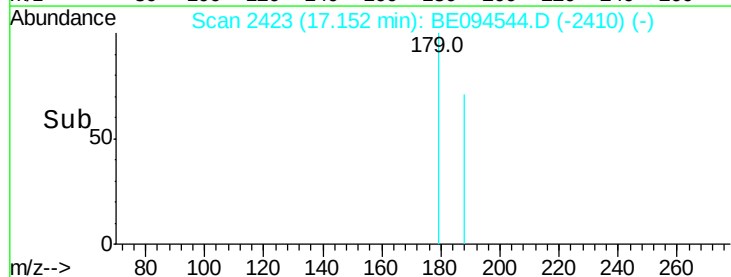
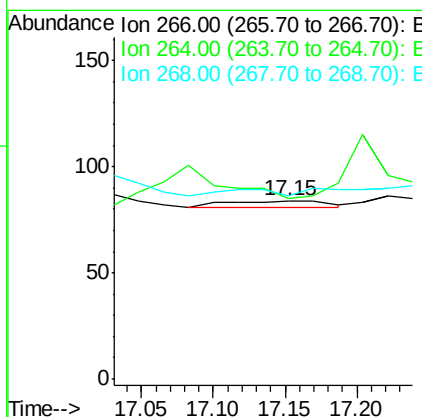
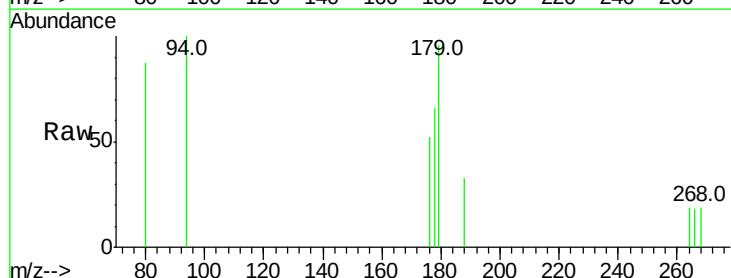
Instrument :
BNA_E
ClientSampleId :

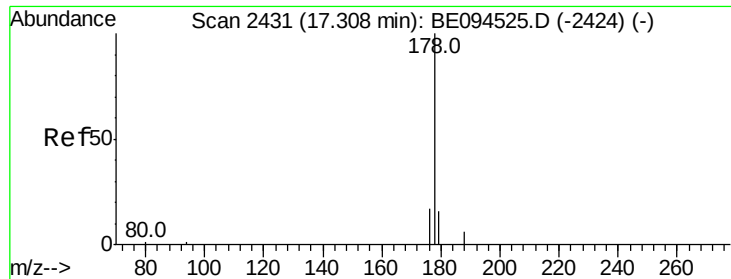
Tot Ion:166 Resp: 20261
Ion Ratio Lower Upper
166 100
165 96.4 73.4 110.2
167 15.3 14.6 22.0



#11
Pentachlorophenol
Concen: 0.033 ng/ul
RT: 17.15 min Scan# 2423
Delta R.T. 0.12 min
Lab File: BE094544.D
Acq: 25 Oct 2017 21:55

Tgt Ion:266 Resp: 14
Ion Ratio Lower Upper
266 100
264 0.0 47.9 71.9#
268 0.0 49.8 74.8#





#12

Phenanthrene

Concen: 21.340 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE094544.D

Acq: 25 Oct 2017 21:55

Instrument :

BNA_E

ClientSampleId :

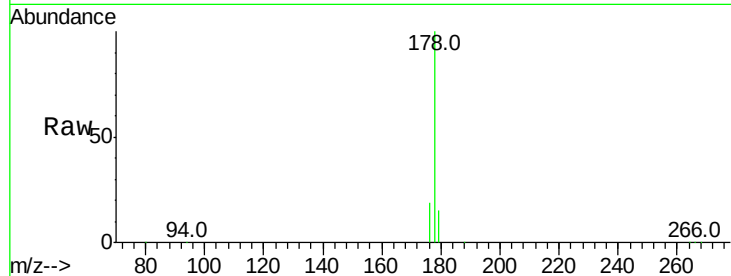
Tot Ion:178 Resp: 478712

Ion Ratio Lower Upper

178 100

179 15.0 18.4 27.6#

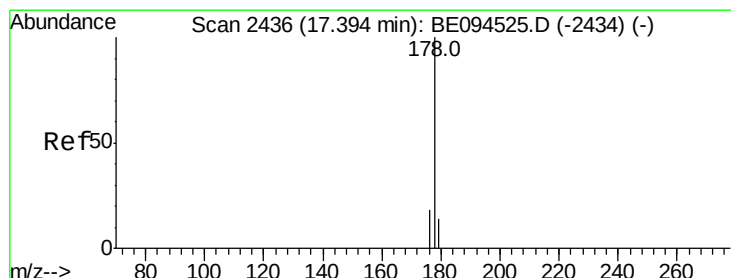
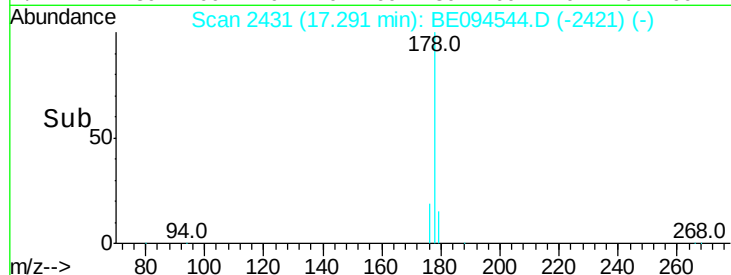
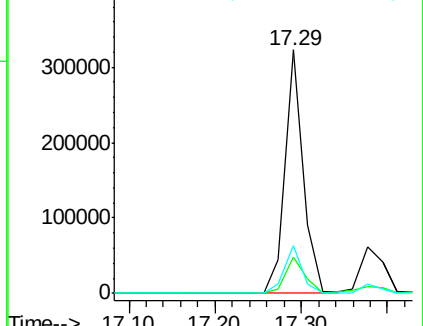
176 19.5 13.6 20.4



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: 5.275 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.02 min

Lab File: BE094544.D

Acq: 25 Oct 2017 21:55

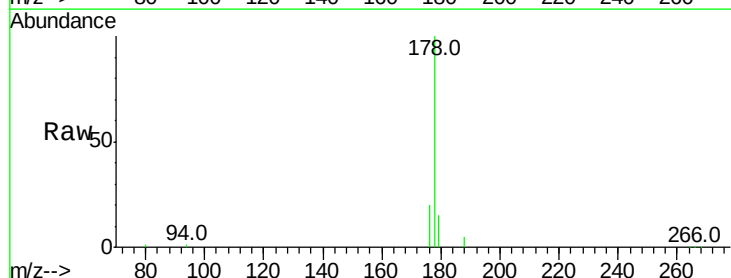
Tgt Ion:178 Resp: 116780

Ion Ratio Lower Upper

178 100

179 15.0 18.1 27.1#

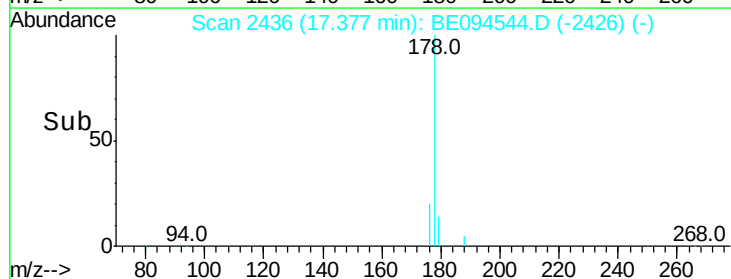
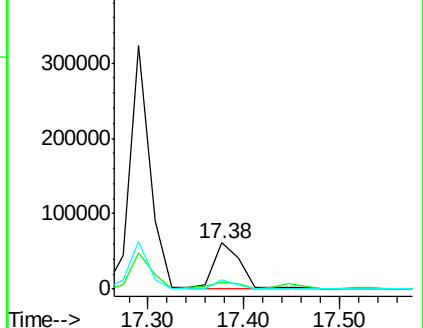
176 20.3 14.7 22.1

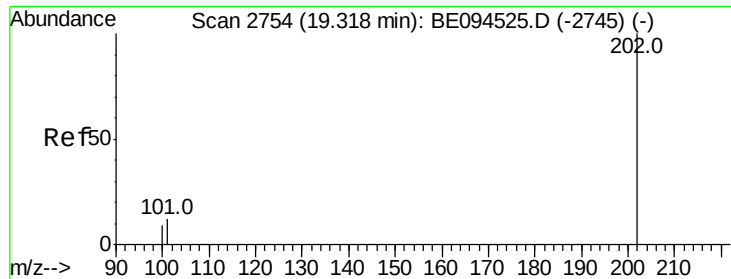


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 34.503 ng/ul

RT: 19.31 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BE094544.D

Acq: 25 Oct 2017 21:55

Instrument :

BNA_E

ClientSampleId :

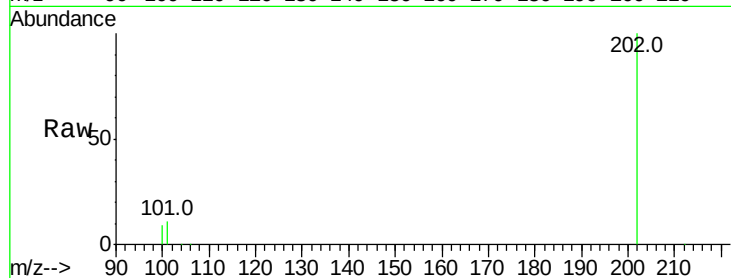
Tot Ion:202 Resp: 894842

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.3

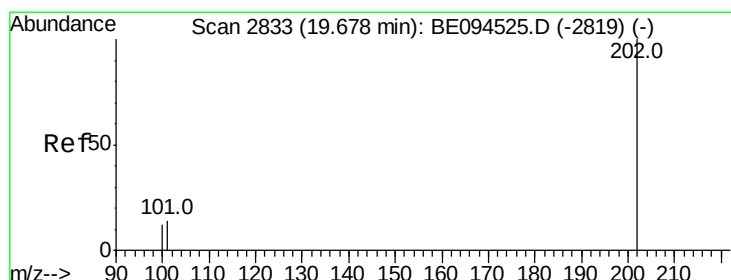
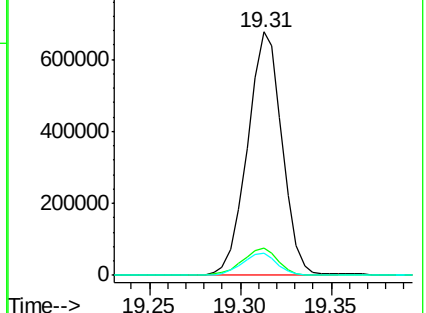
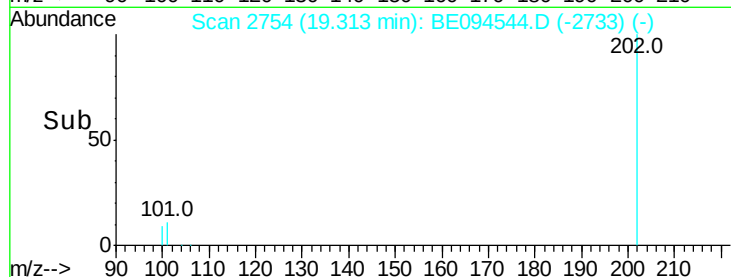
100 9.0 0.0 39.5



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: 32.415 ng/ul

RT: 19.68 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BE094544.D

Acq: 25 Oct 2017 21:55

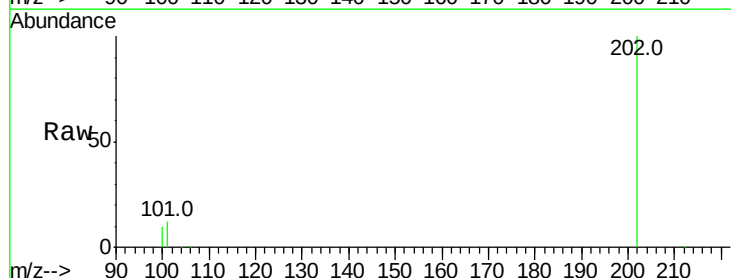
Tgt Ion:202 Resp: 880144

Ion Ratio Lower Upper

202 100

101 12.3 18.2 27.4#

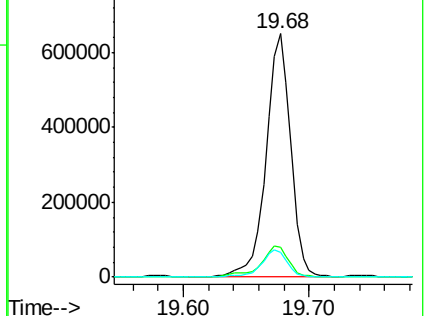
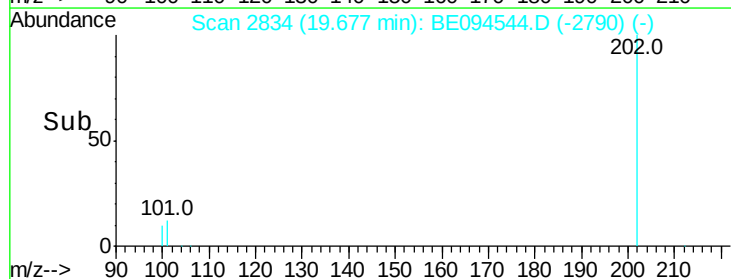
100 10.3 15.6 23.4#

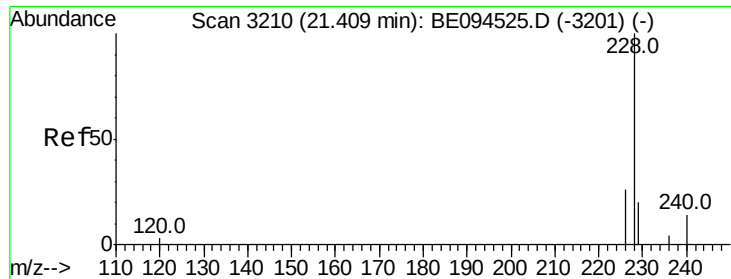


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 19.598 ng/ul

RT: 21.41 min Scan# 3212

Delta R.T. 0.00 min

Lab File: BE094544.D

Acq: 25 Oct 2017 21:55

Instrument :

BNA_E

ClientSampleId :

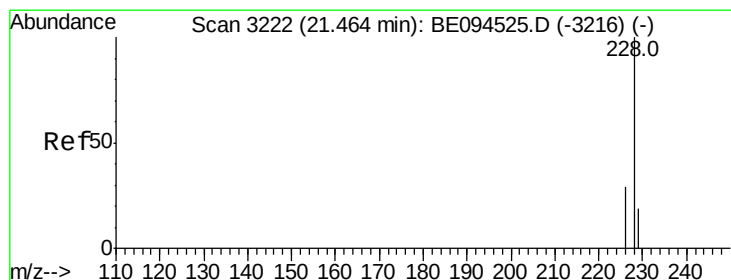
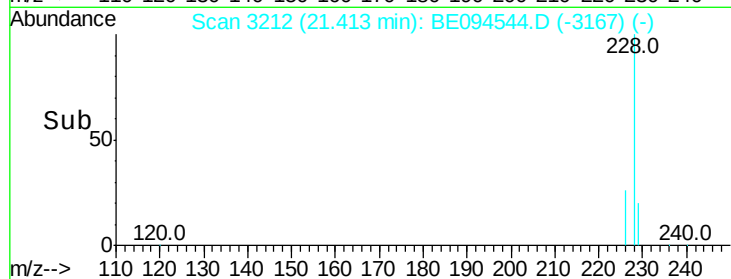
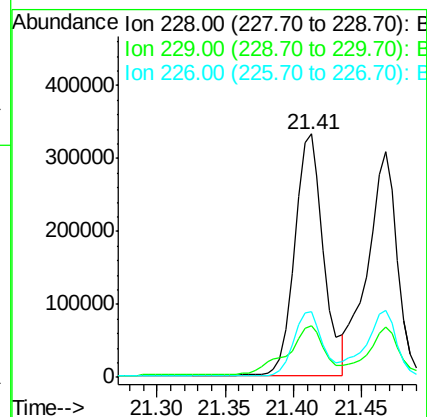
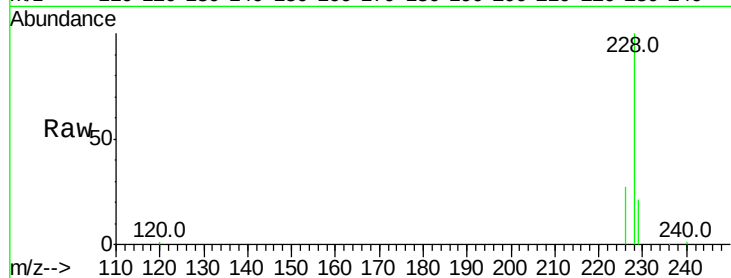
Tot Ion:228 Resp: 492077

Ion Ratio Lower Upper

228 100

229 21.2 22.8 34.2#

226 26.9 17.0 25.6#



#19

Chrysene

Concen: 18.098 ng/ul

RT: 21.47 min Scan# 3224

Delta R.T. 0.00 min

Lab File: BE094544.D

Acq: 25 Oct 2017 21:55

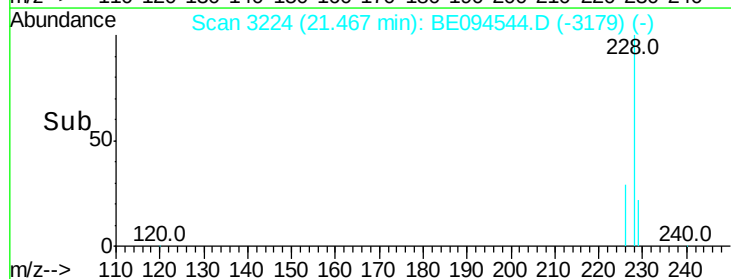
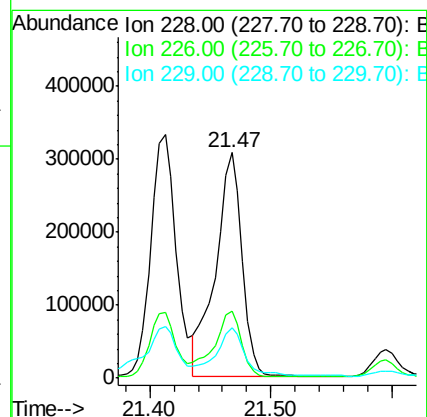
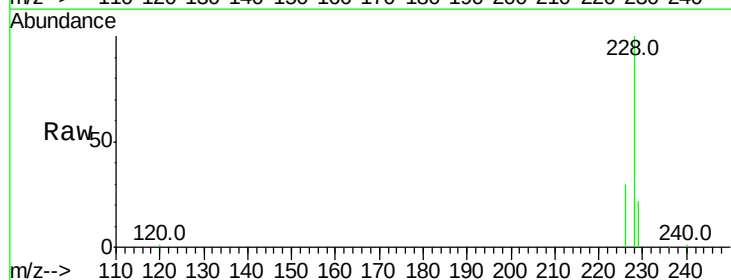
Tgt Ion:228 Resp: 469702

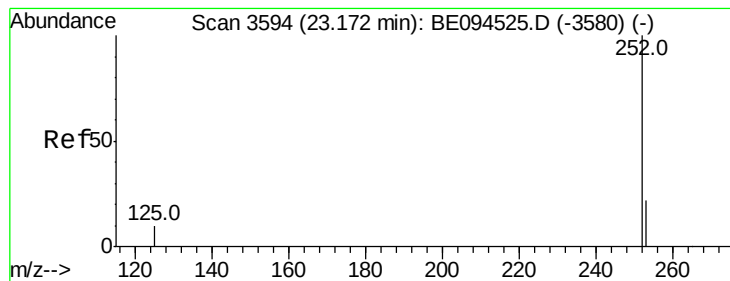
Ion Ratio Lower Upper

228 100

226 29.7 23.4 35.0

229 22.5 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 38.456 ng/ul

RT: 23.19 min Scan# 3599

Delta R.T. 0.02 min

Lab File: BE094544.D

Acq: 25 Oct 2017 21:55

Instrument :

BNA_E

ClientSampleId :

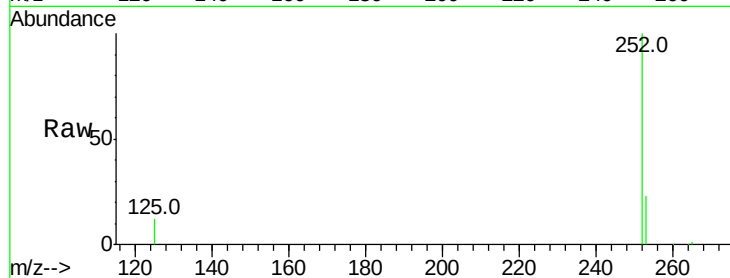
Tot Ion:252 Resp: 954971

Ion Ratio Lower Upper

252 100

253 23.1 0.0 64.2

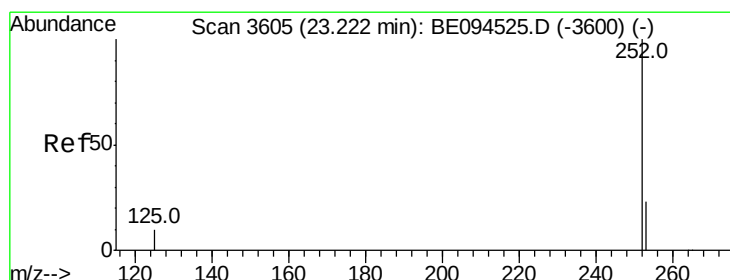
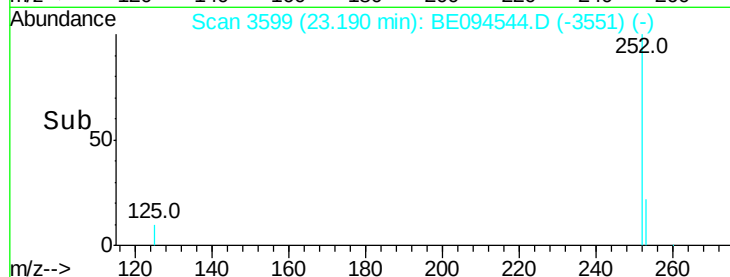
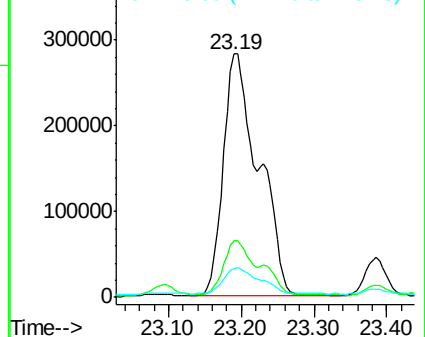
125 11.9 0.0 35.0



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: 35.886 ng/ul

RT: 23.19 min Scan# 3599

Delta R.T. -0.03 min

Lab File: BE094544.D

Acq: 25 Oct 2017 21:55

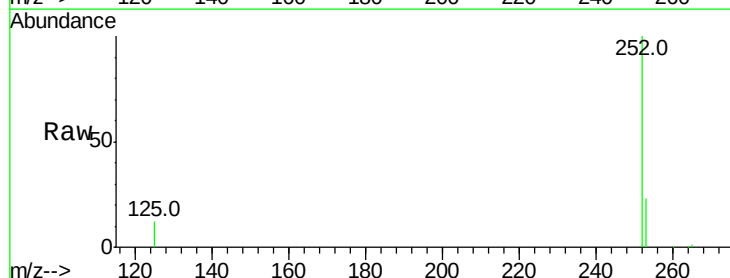
Tgt Ion:252 Resp: 954971

Ion Ratio Lower Upper

252 100

253 23.1 24.5 36.7#

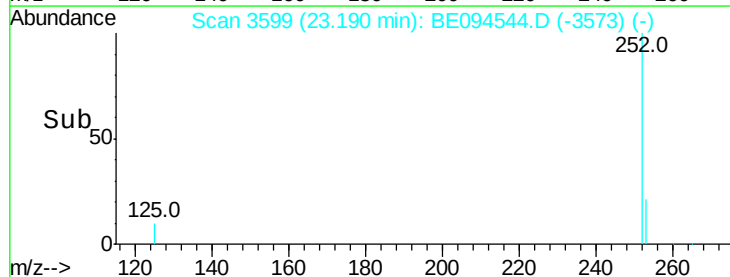
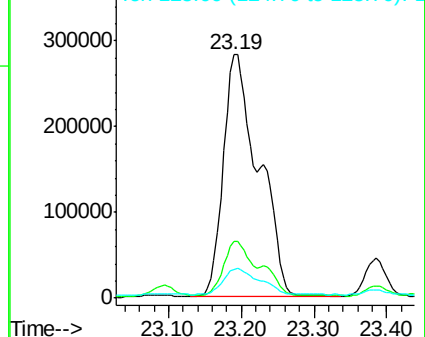
125 11.9 13.7 20.5#

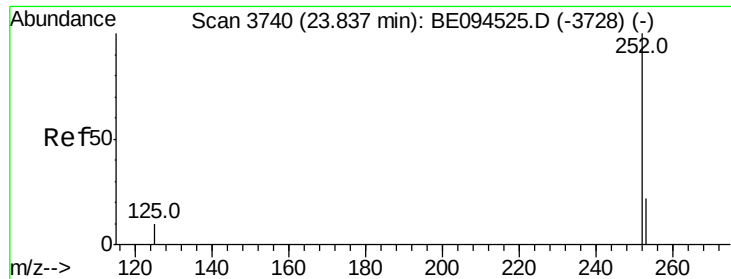


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 20.530 ng/ul

RT: 23.85 min Scan# 3745

Delta R.T. 0.01 min

Lab File: BE094544.D

Acq: 25 Oct 2017 21:55

Instrument :

BNA_E

ClientSampleId :

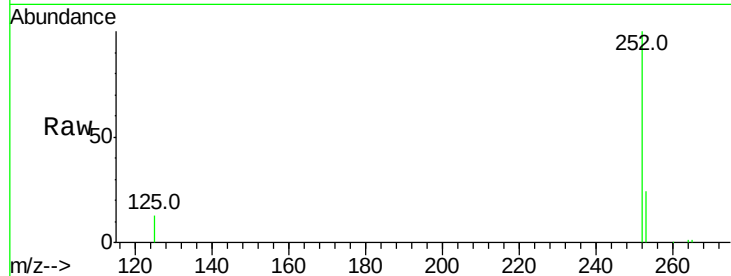
Tot Ion:252 Resp: 509621

Ion Ratio Lower Upper

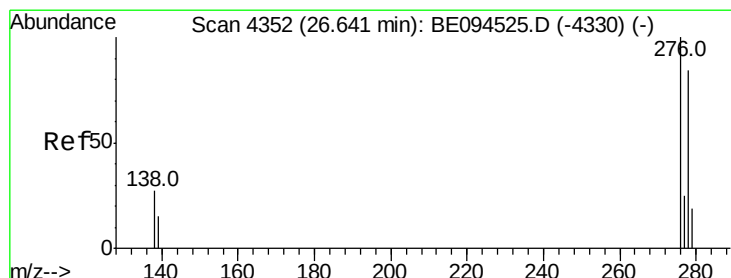
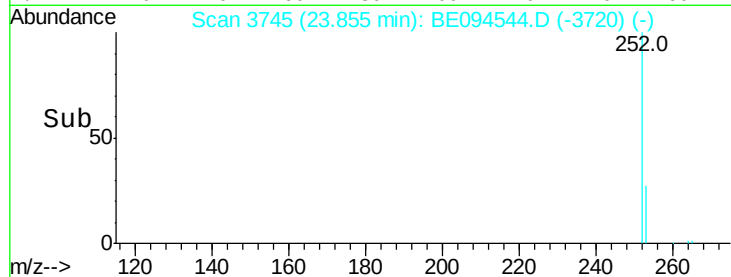
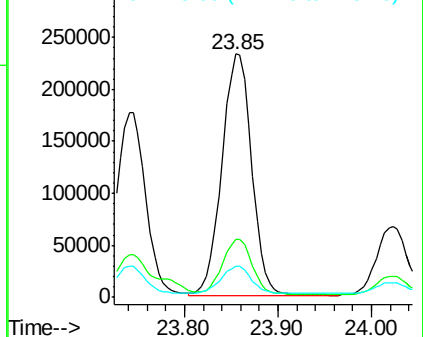
252 100

253 24.1 28.5 42.7#

125 12.7 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: 15.118 ng/ul

RT: 26.67 min Scan# 4360

Delta R.T. 0.03 min

Lab File: BE094544.D

Acq: 25 Oct 2017 21:55

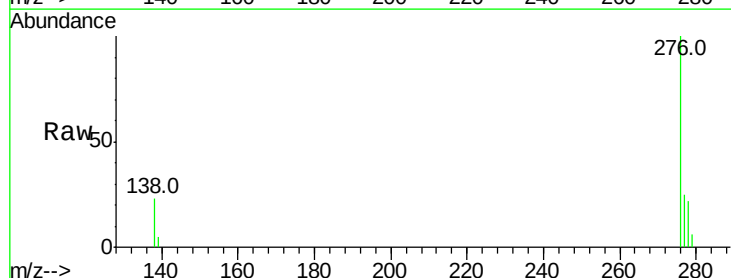
Tgt Ion:276 Resp: 388308

Ion Ratio Lower Upper

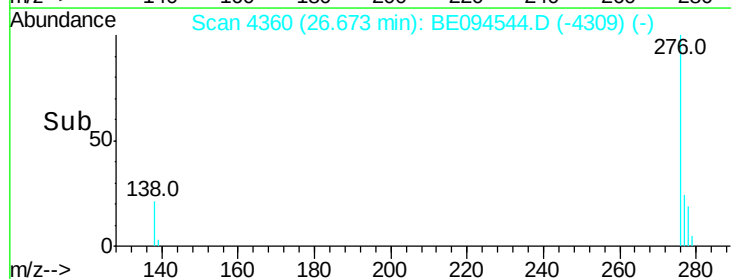
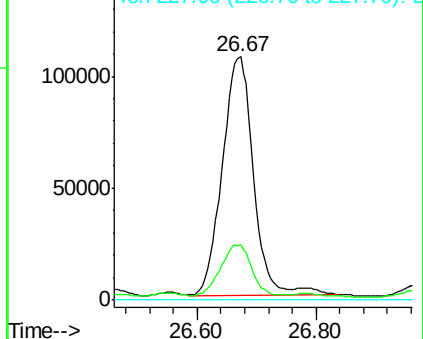
276 100

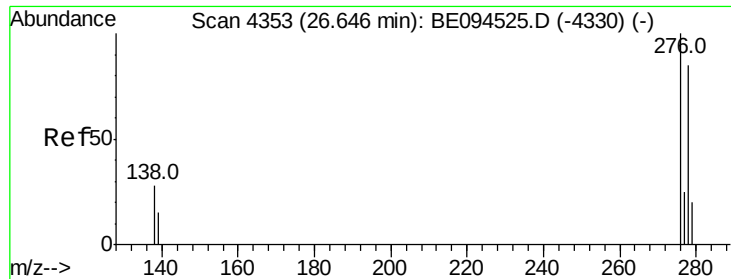
138 21.2 28.0 42.0#

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: 4.315 ng/ul

RT: 26.66 min Scan# 4358

Delta R.T. 0.02 min

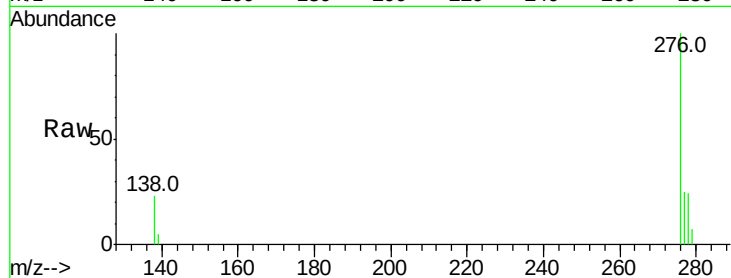
Lab File: BE094544.D

Acq: 25 Oct 2017 21:55

Instrument :

BNA_E

ClientSampleId :



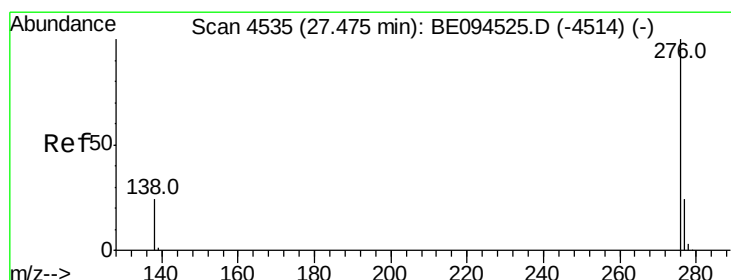
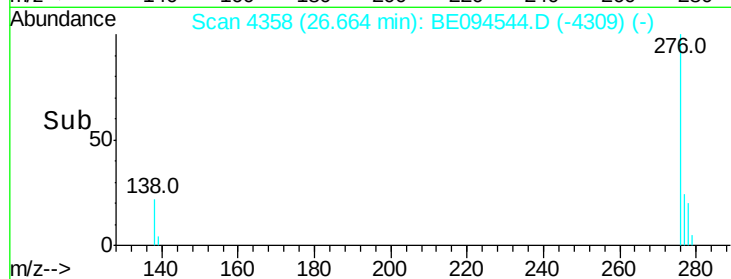
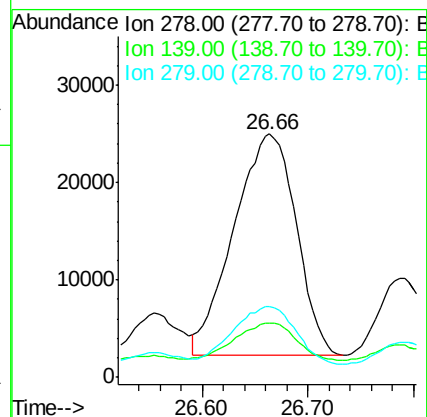
Tot Ion:278 Resp: 93395

Ion Ratio Lower Upper

278 100

139 22.4 17.4 26.0

279 29.3 25.9 38.9



#26

Benzo(g,h,i)perylene

Concen: 15.580 ng/ul

RT: 27.51 min Scan# 4544

Delta R.T. 0.03 min

Lab File: BE094544.D

Acq: 25 Oct 2017 21:55

Tgt Ion:276 Resp: 321332

Ion Ratio Lower Upper

276 100

138 23.7 21.8 32.8

277 25.2 20.5 30.7

