

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
 Data File : BE094293.D
 Acq On : 11 Oct 2017 23:32
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 12 07:37:12 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 07:31:23 2017
 Response via : Initial Calibration

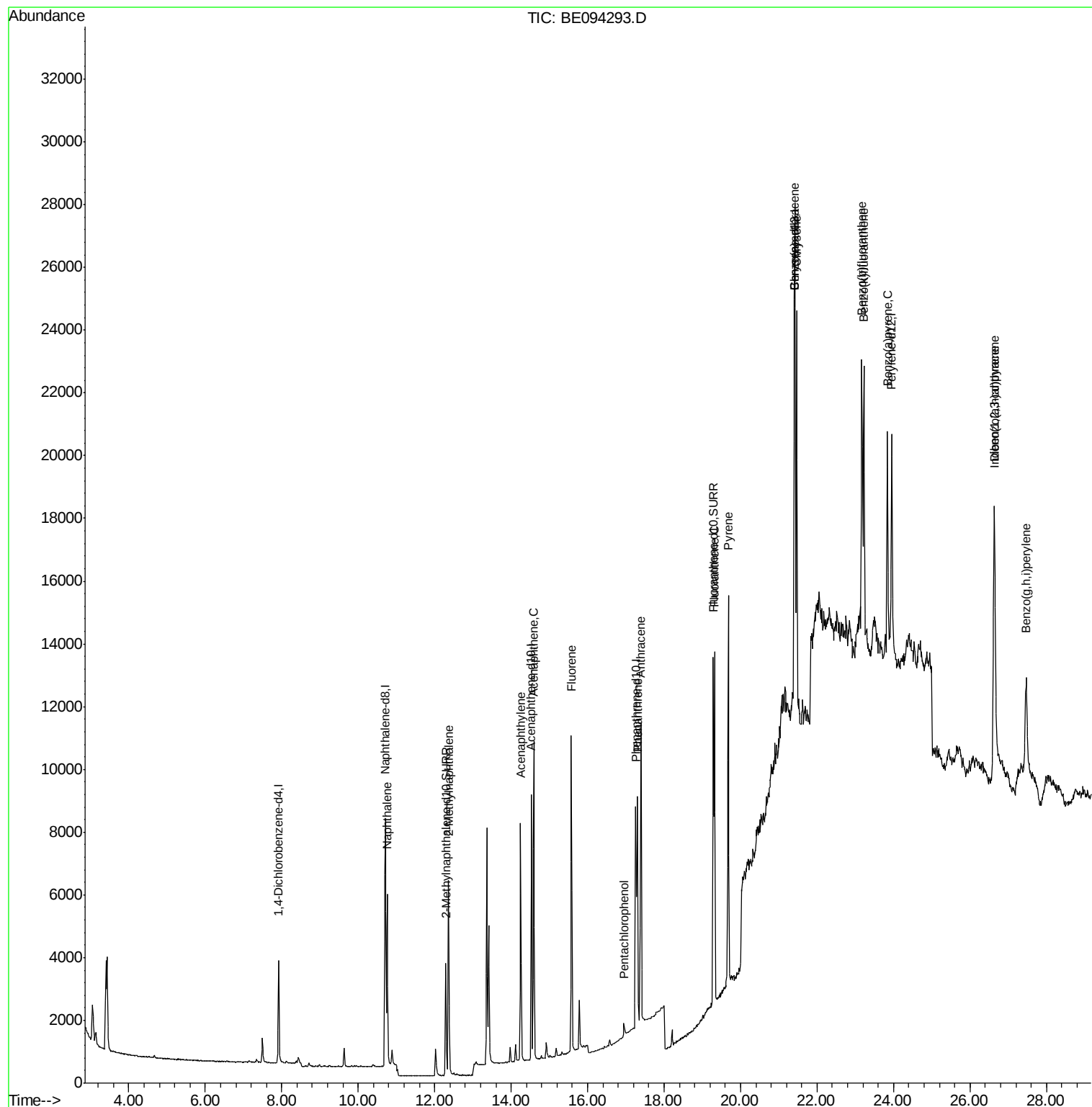
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1859	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	9155	0.40	ng/ul	0.02
6) Acenaphthene-d10	14.53	164	4827	0.40	ng/ul	0.01
10) Phenanthrene-d10	17.26	188	10379	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	10653	0.40	ng/ul	0.02
20) Perylene-d12	23.96	264	10830	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	5624	0.40	ng/ul	0.01
14) Fluoranthene-d10	19.29	212	12748	0.37	ng/ul	0.01
Target Compounds					Ovalue	
3) Naphthalene	10.75	128	8802	0.393	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	5916	0.407	ng/ul	99
7) Acenaphthylene	14.25	152	9227	0.490	ng/ul	97
8) Acenaphthene	14.59	153	6188	0.399	ng/ul	96
9) Fluorene	15.57	166	7161	0.395	ng/ul	92
11) Pentachlorophenol	16.94	266	690	0.567	ng/ul#	80
12) Phenanthrene	17.31	178	10964	0.404	ng/ul	97
13) Anthracene	17.39	178	11362	0.431	ng/ul	96
15) Fluoranthene	19.32	202	13051	0.366	ng/ul	84
17) Pyrene	19.68	202	13870	0.468	ng/ul#	84
18) Benzo(a)anthracene	21.41	228	12818	0.454	ng/ul#	68
19) Chrysene	21.46	228	12113	0.371	ng/ul#	64
21) Benzo(b)fluoranthene	23.17	252	12123	0.412	ng/ul#	46
22) Benzo(k)fluoranthene	23.22	252	12231	0.360	ng/ul#	45
23) Benzo(a)pyrene	23.84	252	12363	0.404	ng/ul#	50
24) Indeno(1,2,3-cd)pyrene	26.63	276	12426	0.397	ng/ul#	89
25) Dibenzo(a,h)anthracene	26.64	278	11191	0.427	ng/ul#	35
26) Benzo(g,h,i)perylene	27.47	276	8489	0.315	ng/ul#	35

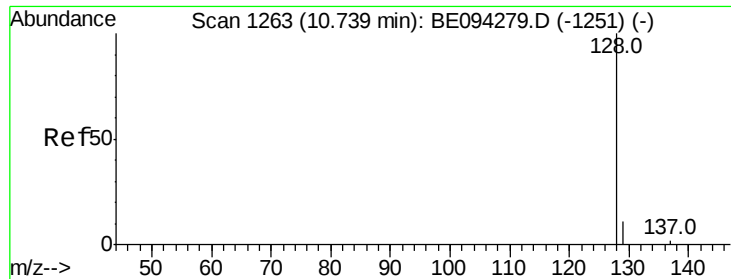
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094293.D
Acq On : 11 Oct 2017 23:32
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 12 07:37:12 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 07:31:23 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.393 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. 0.02 min

Lab File: BE094293.D

Acq: 11 Oct 2017 23:32

Instrument :

BNA_E

ClientSampleId :

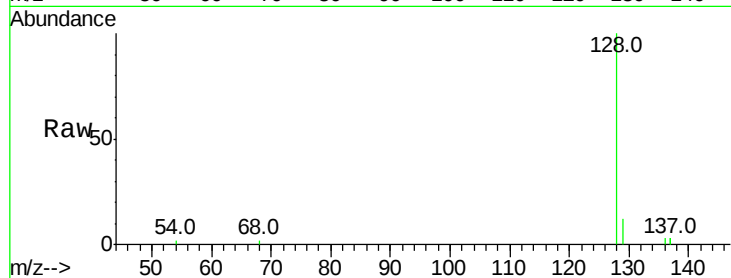
Tot Ion:128 Resp: 8802

Ion Ratio Lower Upper

128 100

129 11.9 11.3 16.9

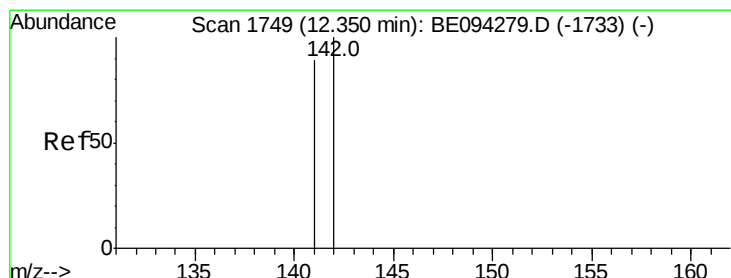
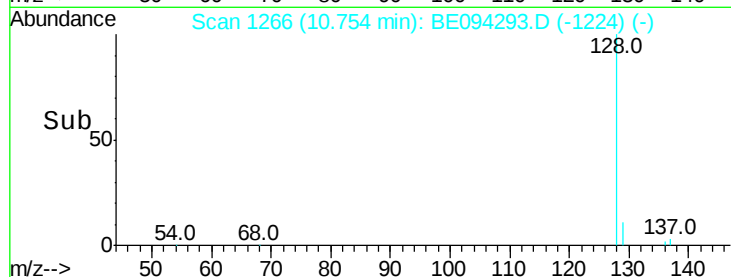
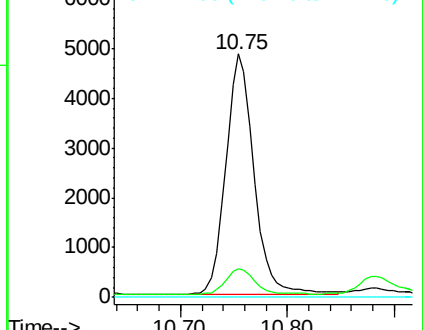
127 0.0 4.0 6.0#



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: 0.407 ng/ul

RT: 12.36 min Scan# 1753

Delta R.T. 0.01 min

Lab File: BE094293.D

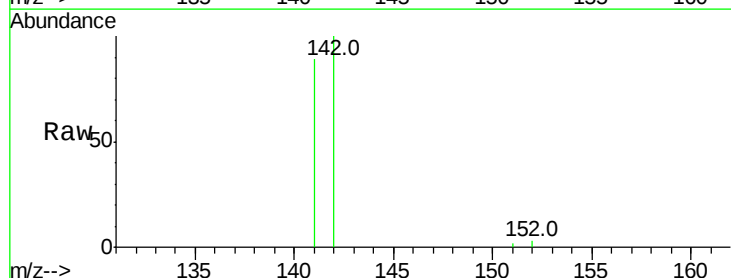
Acq: 11 Oct 2017 23:32

Tgt Ion:142 Resp: 5916

Ion Ratio Lower Upper

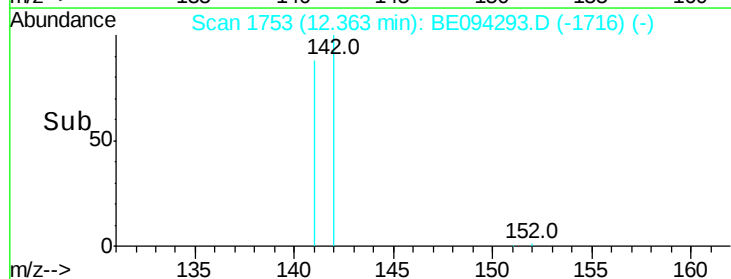
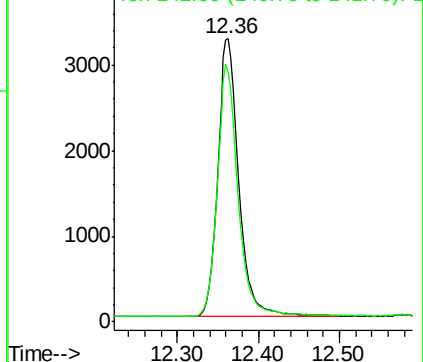
142 100

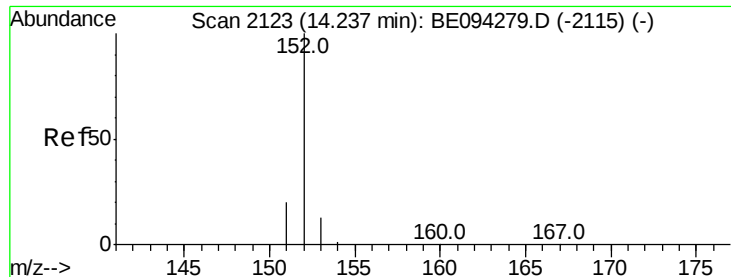
141 90.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.490 ng/ul

RT: 14.25 min Scan# 2124

Delta R.T. 0.01 min

Lab File: BE094293.D

Acq: 11 Oct 2017 23:32

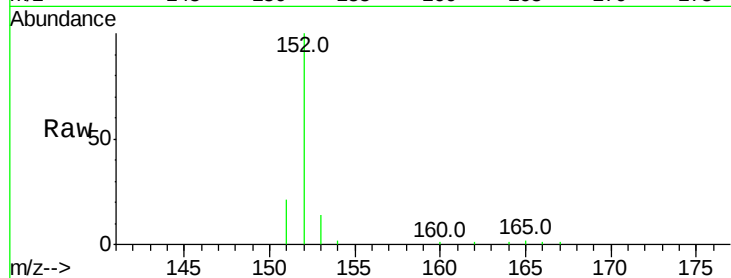
Instrument :

BNA_E

ClientSampleId :

Tot Ion:152 Resp: 9227

Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.1	25.7
153	13.9	12.8	19.2

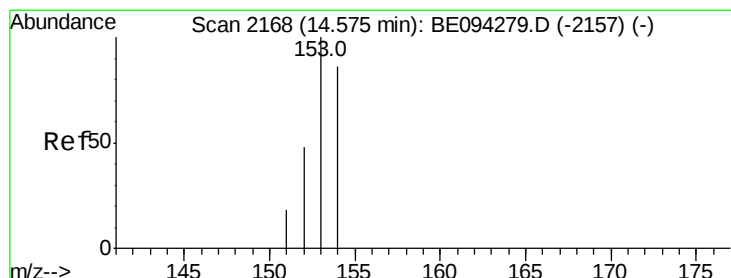
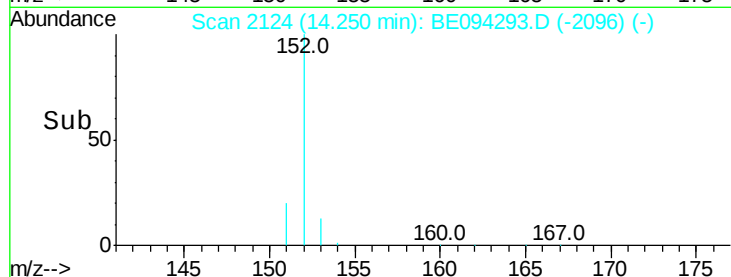
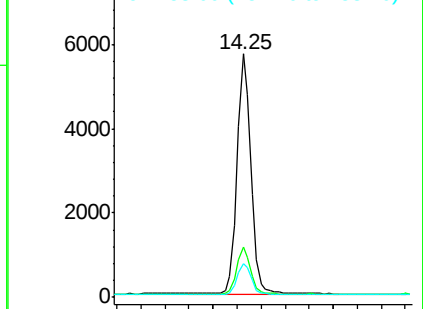


Abundance

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: 0.399 ng/ul

RT: 14.59 min Scan# 2169

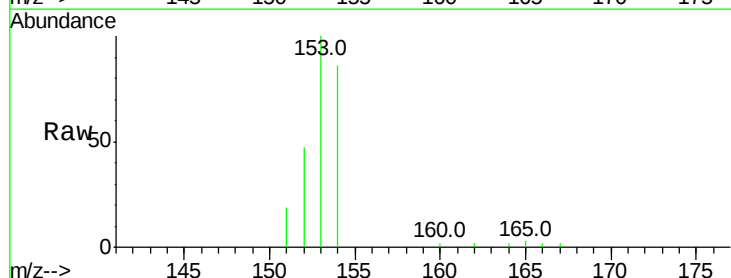
Delta R.T. 0.01 min

Lab File: BE094293.D

Acq: 11 Oct 2017 23:32

Tgt Ion:153 Resp: 6188

Ion	Ratio	Lower	Upper
153	100		
152	47.2	40.3	60.5
154	86.0	71.4	107.2

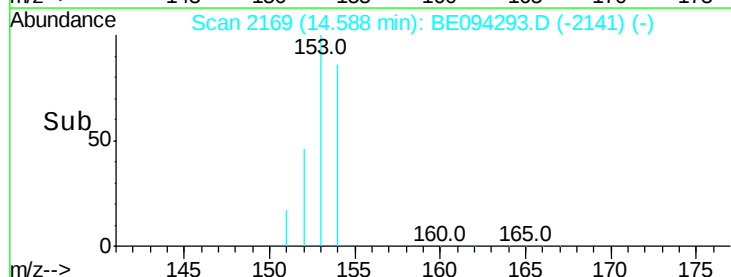
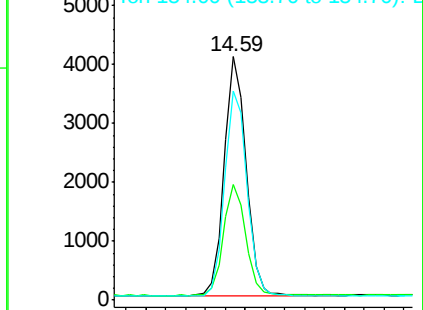


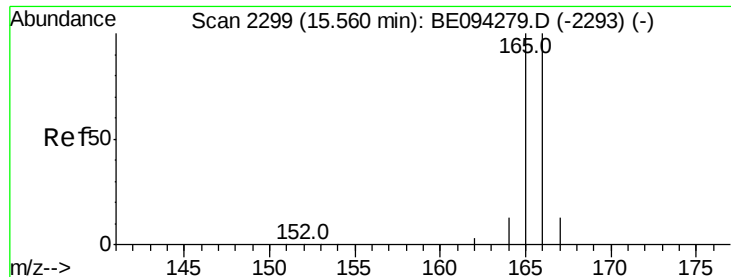
Abundance

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

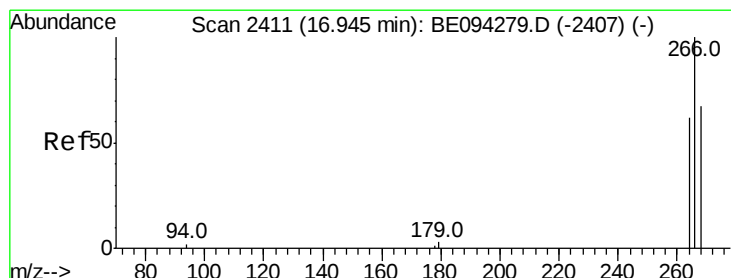
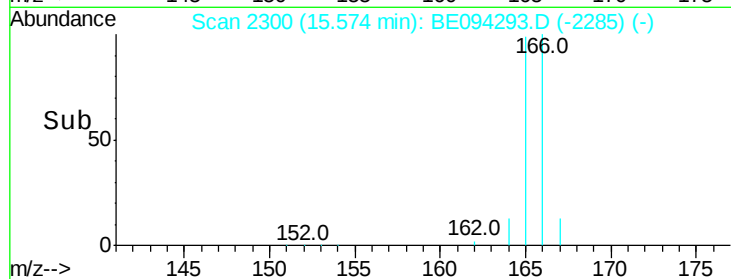
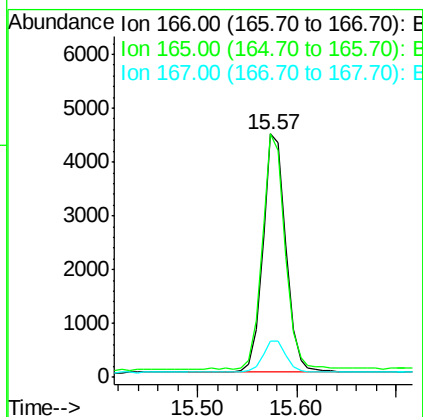
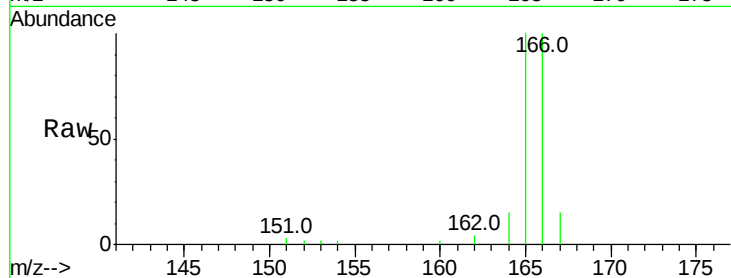




#9
Fluorene
 Concen: 0.395 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. 0.01 min
 Lab File: BE094293.D
 Acq: 11 Oct 2017 23:32

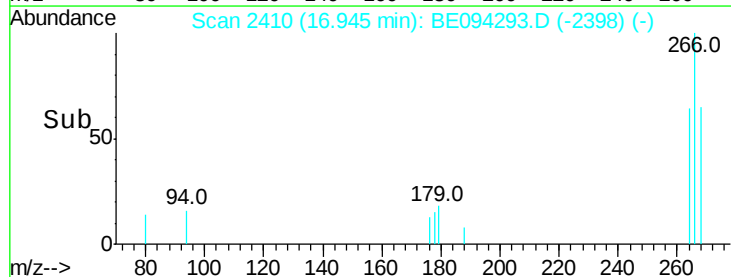
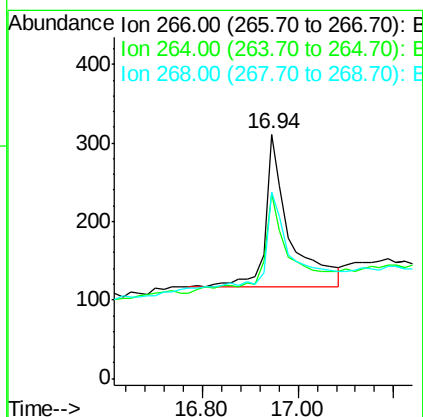
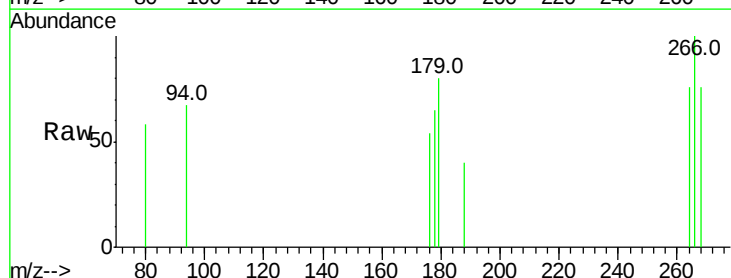
Instrument :
 BNA_E
 ClientSampleId :

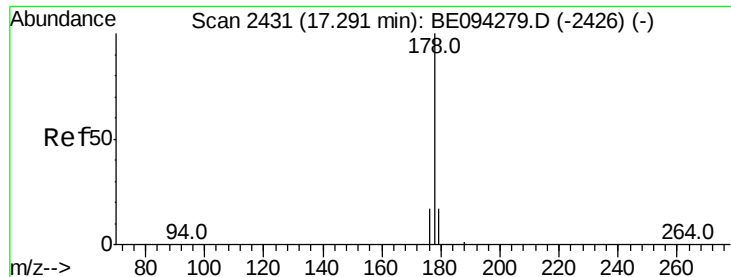
Tot Ion:166 Resp: 7161
 Ion Ratio Lower Upper
 166 100
 165 99.8 73.4 110.2
 167 14.8 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.567 ng/ul
 RT: 16.94 min Scan# 2410
 Delta R.T. 0.00 min
 Lab File: BE094293.D
 Acq: 11 Oct 2017 23:32

Tgt Ion:266 Resp: 690
 Ion Ratio Lower Upper
 266 100
 264 82.0 47.9 71.9#
 268 70.1 49.8 74.8





#12

Phenanthrene

Concen: 0.404 ng/ul

RT: 17.31 min Scan# 2431

Delta R.T. 0.02 min

Lab File: BE094293.D

Acq: 11 Oct 2017 23:32

Instrument :

BNA_E

ClientSampleId :

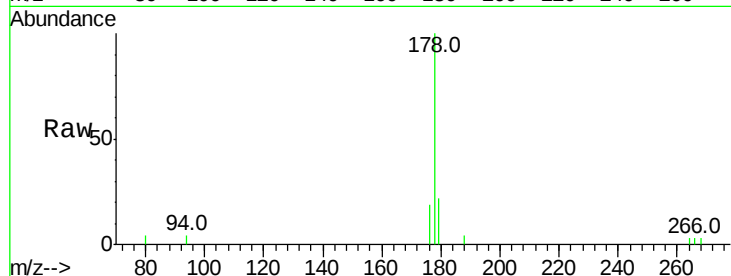
Tot Ion:178 Resp: 10964

Ion Ratio Lower Upper

178 100

179 22.0 18.4 27.6

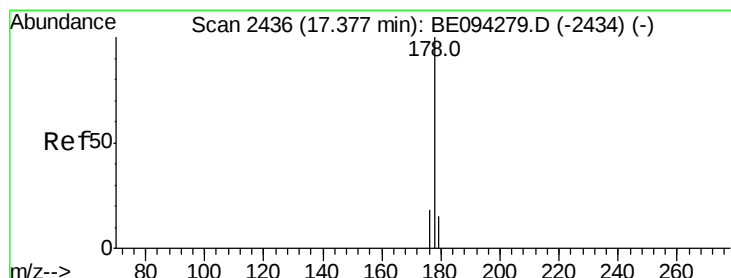
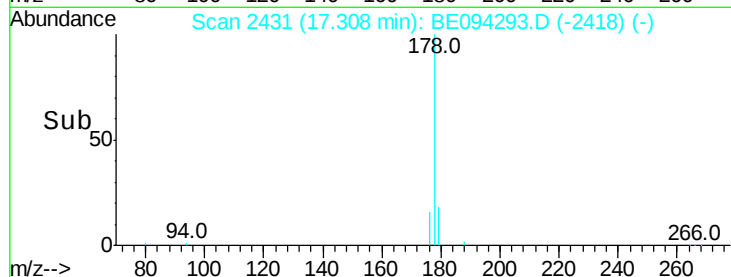
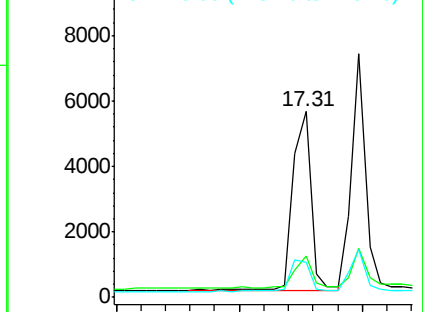
176 18.9 13.6 20.4



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: 0.431 ng/ul

RT: 17.39 min Scan# 2436

Delta R.T. 0.02 min

Lab File: BE094293.D

Acq: 11 Oct 2017 23:32

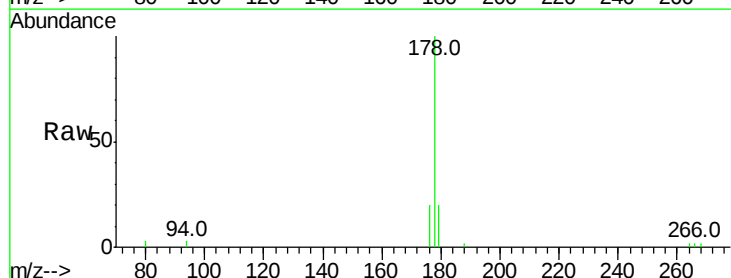
Tgt Ion:178 Resp: 11362

Ion Ratio Lower Upper

178 100

179 19.9 18.1 27.1

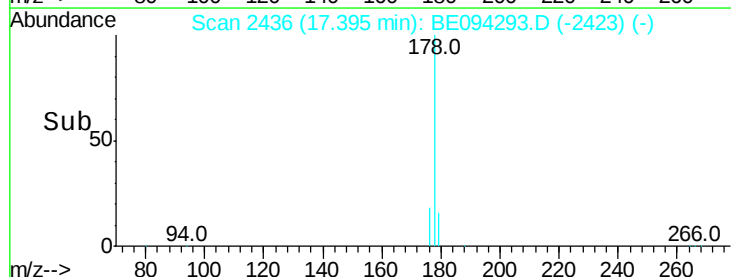
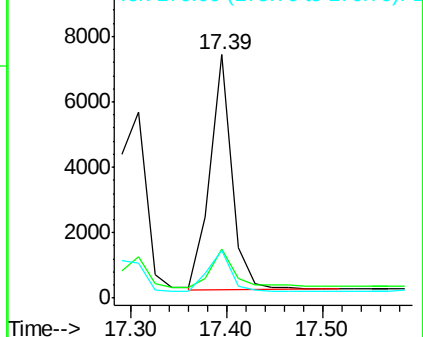
176 19.6 14.7 22.1

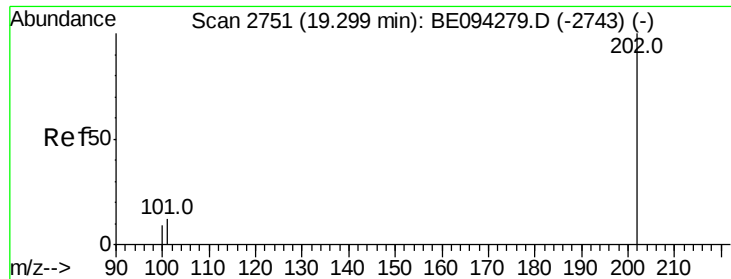


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.366 ng/ul

RT: 19.32 min Scan# 2754

Delta R.T. 0.02 min

Lab File: BE094293.D

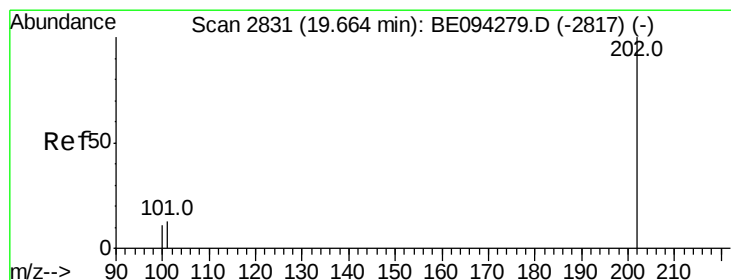
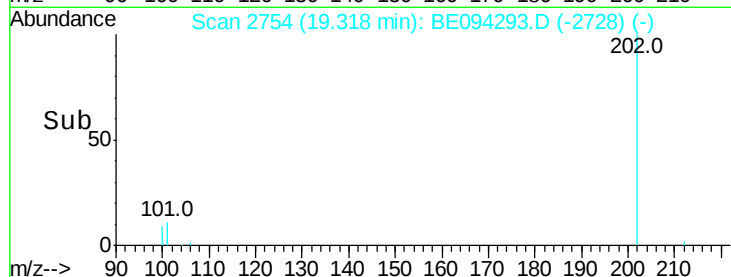
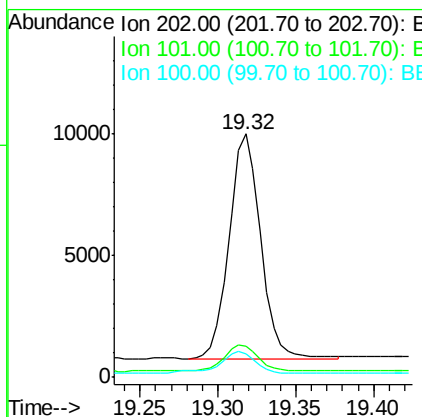
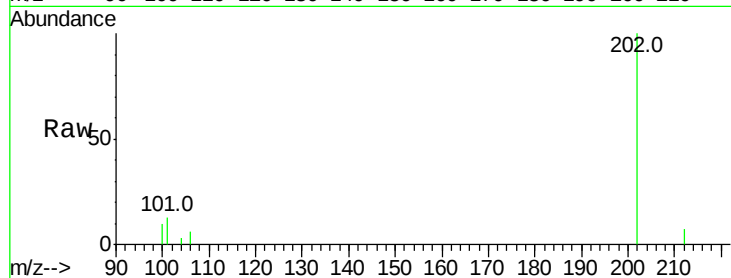
Acq: 11 Oct 2017 23:32

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	202	Resp:	13051
Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	30.3
100	9.8	0.0	39.5



#17

Pyrene

Concen: 0.468 ng/ul

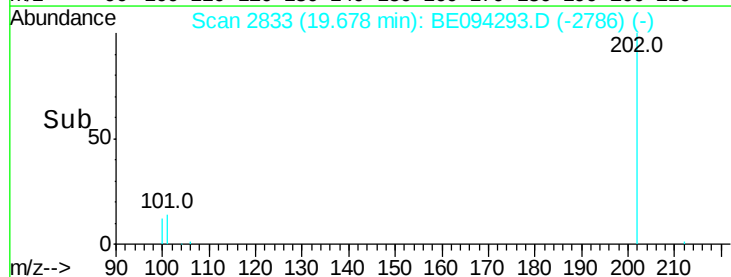
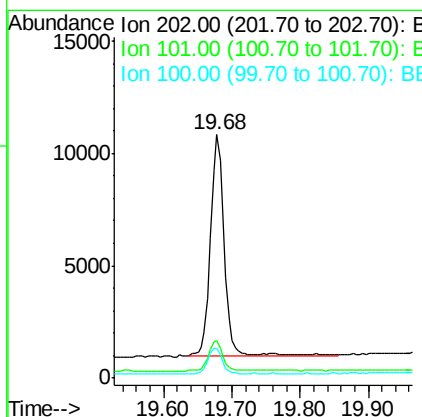
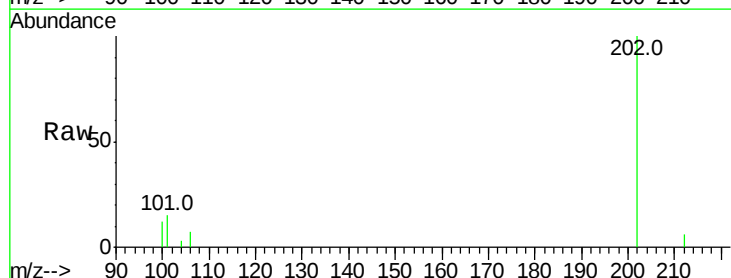
RT: 19.68 min Scan# 2833

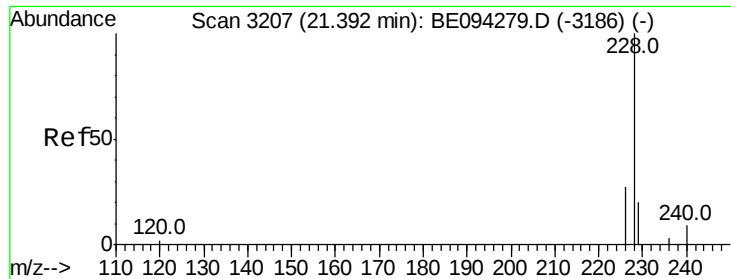
Delta R.T. 0.01 min

Lab File: BE094293.D

Acq: 11 Oct 2017 23:32

Tgt Ion:	202	Resp:	13870
Ion	Ratio	Lower	Upper
202	100		
101	15.3	18.2	27.4#
100	12.4	15.6	23.4#

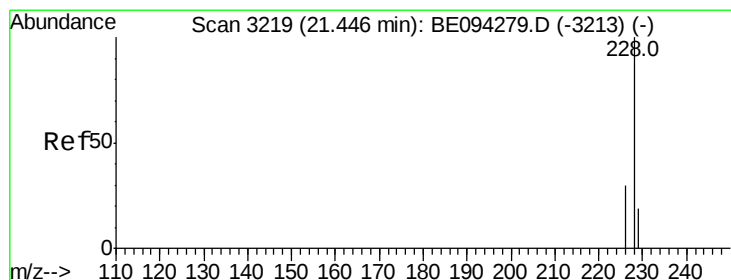
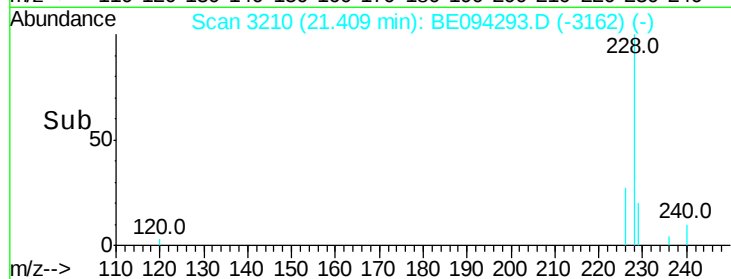
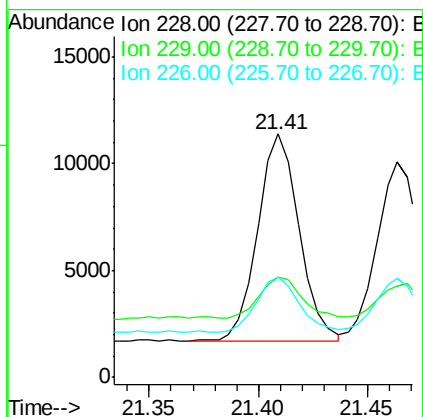
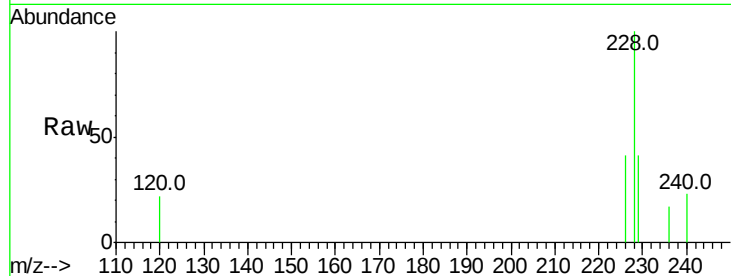




#18
Benzo(a)anthracene
Concen: 0.454 ng/ul
RT: 21.41 min Scan# 3210
Delta R.T. 0.02 min
Lab File: BE094293.D
Acq: 11 Oct 2017 23:32

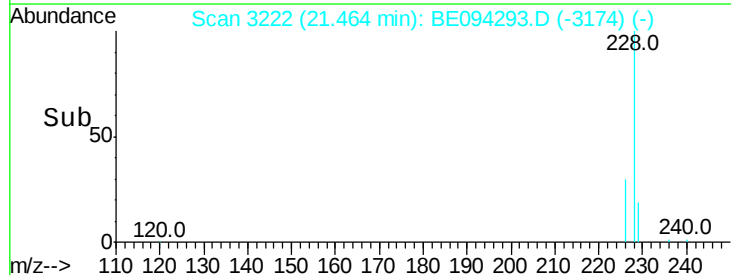
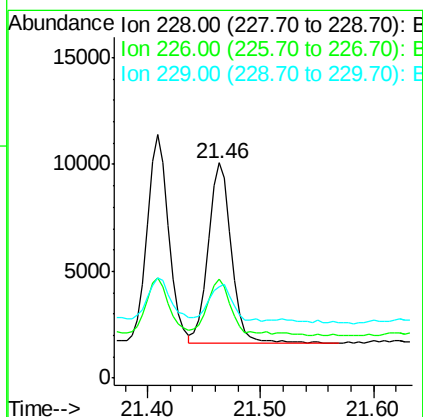
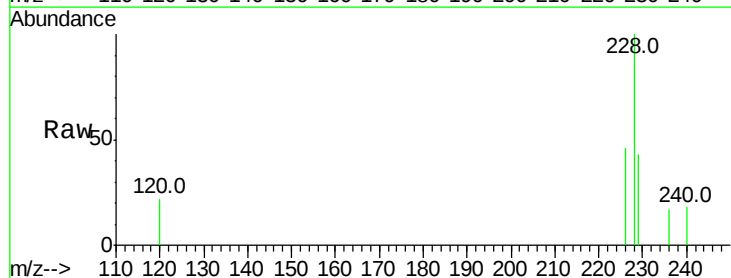
Instrument :
BNA_E
ClientSampleId :

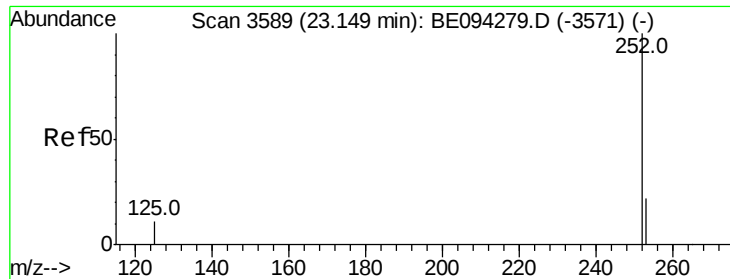
Tot Ion:228 Resp: 12818
Ion Ratio Lower Upper
228 100
229 41.3 22.8 34.2#
226 41.1 17.0 25.6#



#19
Chrysene
Concen: 0.371 ng/ul
RT: 21.46 min Scan# 3222
Delta R.T. 0.02 min
Lab File: BE094293.D
Acq: 11 Oct 2017 23:32

Tgt Ion:228 Resp: 12113
Ion Ratio Lower Upper
228 100
226 45.8 23.4 35.0#
229 42.7 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.412 ng/ul

RT: 23.17 min Scan# 3594

Delta R.T. 0.02 min

Lab File: BE094293.D

Acq: 11 Oct 2017 23:32

Instrument :

BNA_E

ClientSampleId :

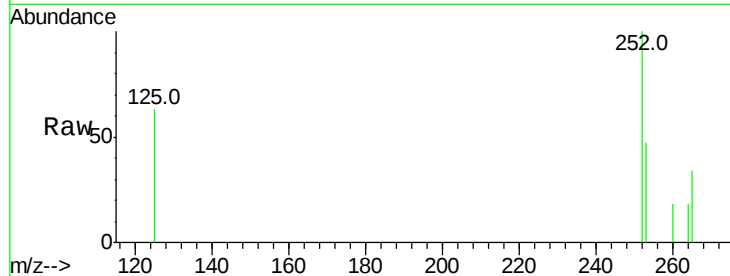
Tot Ion:252 Resp: 12123

Ion Ratio Lower Upper

252 100

253 47.3 0.0 64.2

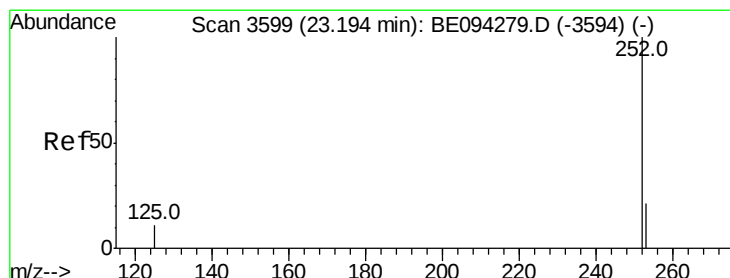
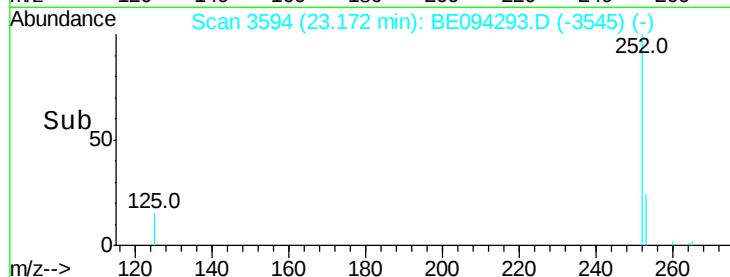
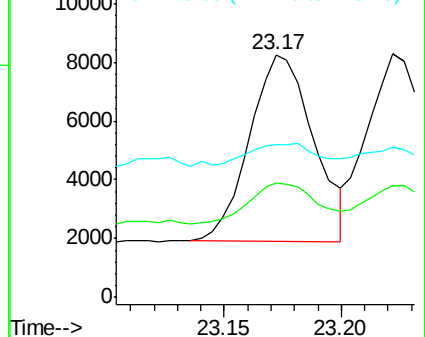
125 62.9 0.0 35.0#



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: 0.360 ng/ul

RT: 23.22 min Scan# 3605

Delta R.T. 0.03 min

Lab File: BE094293.D

Acq: 11 Oct 2017 23:32

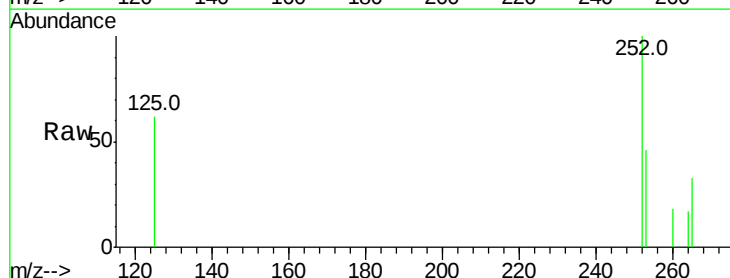
Tgt Ion:252 Resp: 12231

Ion Ratio Lower Upper

252 100

253 46.2 24.5 36.7#

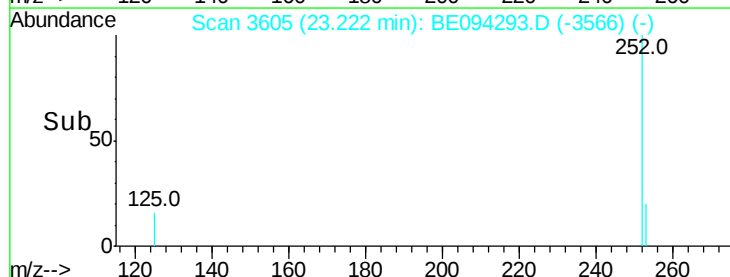
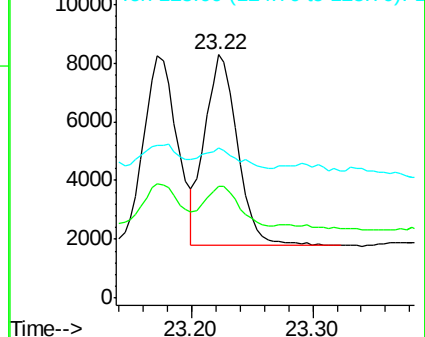
125 61.6 13.7 20.5#

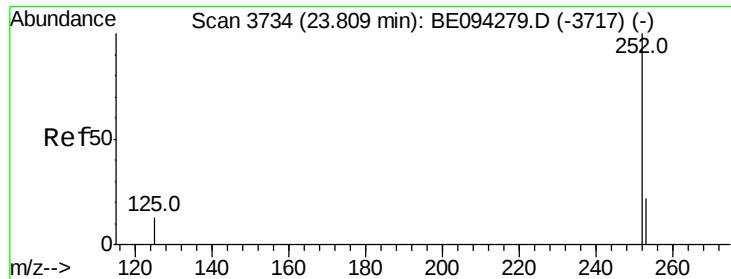


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.404 ng/ul

RT: 23.84 min Scan# 3741

Delta R.T. 0.03 min

Lab File: BE094293.D

Acq: 11 Oct 2017 23:32

Instrument :

BNA_E

ClientSampleId :

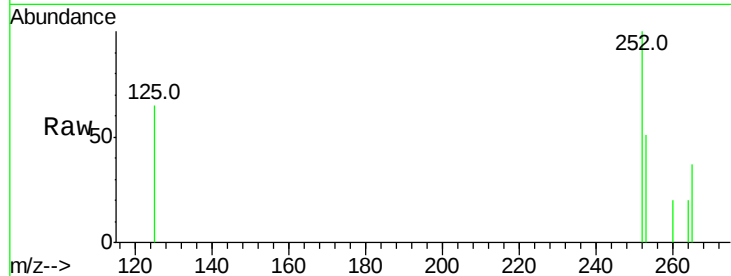
Tot Ion:252 Resp: 12363

Ion Ratio Lower Upper

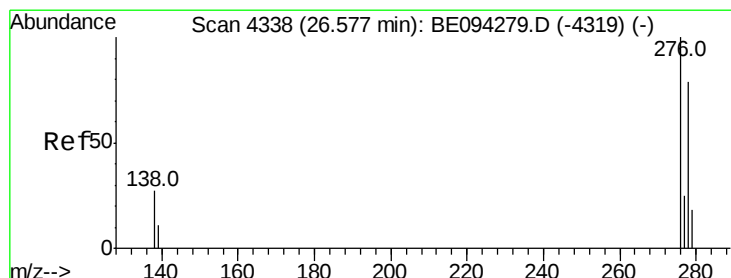
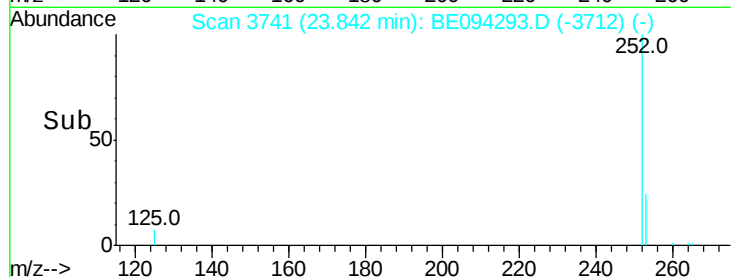
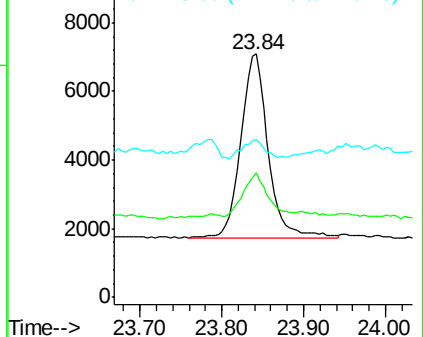
252 100

253 50.9 28.5 42.7#

125 64.9 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: 0.397 ng/ul

RT: 26.63 min Scan# 4349

Delta R.T. 0.05 min

Lab File: BE094293.D

Acq: 11 Oct 2017 23:32

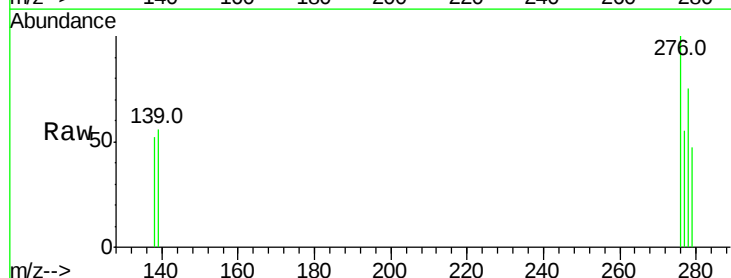
Tgt Ion:276 Resp: 12426

Ion Ratio Lower Upper

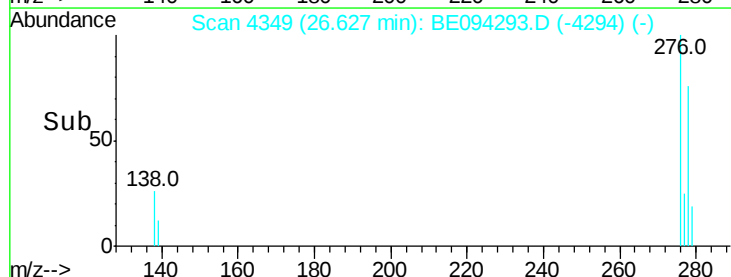
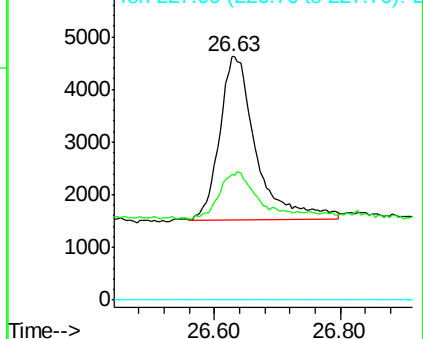
276 100

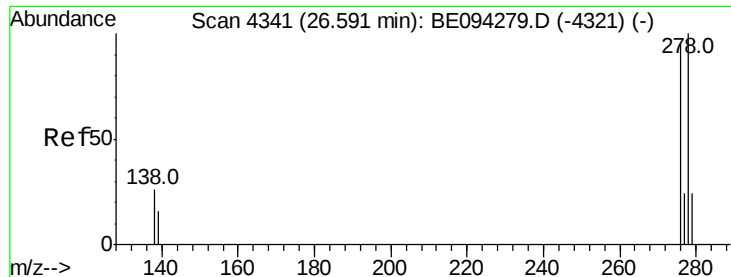
138 31.2 28.0 42.0

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: 0.427 ng/ul

RT: 26.64 min Scan# 4352

Delta R.T. 0.05 min

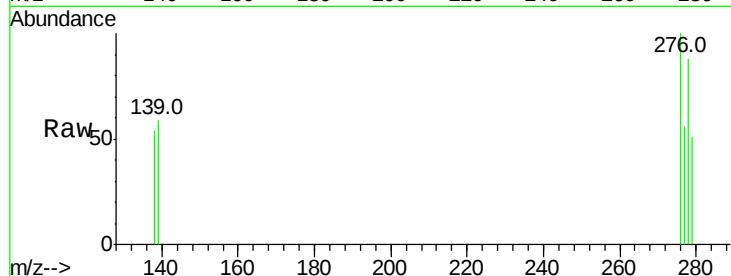
Lab File: BE094293.D

Acq: 11 Oct 2017 23:32

Instrument :

BNA_E

ClientSampleId :



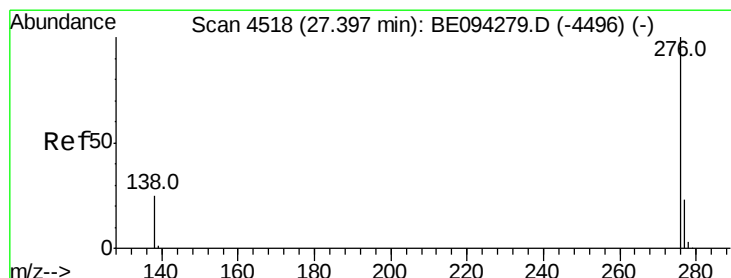
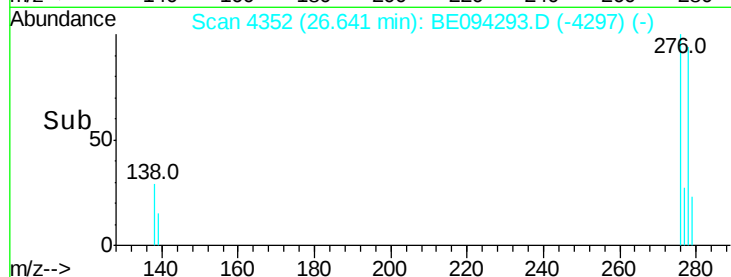
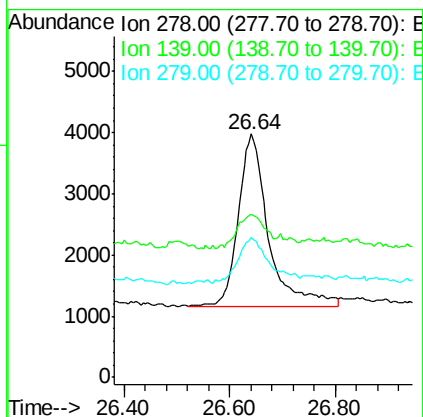
Tot Ion:278 Resp: 11191

Ion Ratio Lower Upper

278 100

139 66.9 17.4 26.0#

279 57.5 25.9 38.9#



#26

Benzo(g,h,i)perylene

Concen: 0.315 ng/ul

RT: 27.47 min Scan# 4534

Delta R.T. 0.07 min

Lab File: BE094293.D

Acq: 11 Oct 2017 23:32

Tgt Ion:276 Resp: 8489

Ion Ratio Lower Upper

276 100

138 58.1 21.8 32.8#

277 61.2 20.5 30.7#

