

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081117\
 Data File : BE093779.D
 Acq On : 11 Aug 2017 20:51
 Operator : SJ/JU
 Sample : I4529-07DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AA1DL

Quant Time: Aug 12 02:02:59 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 12 02:01:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2653	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	13837	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	8405	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	19079	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	20434	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	20344	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.29	152	1430	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	3874	0.06	ng/ul	0.00

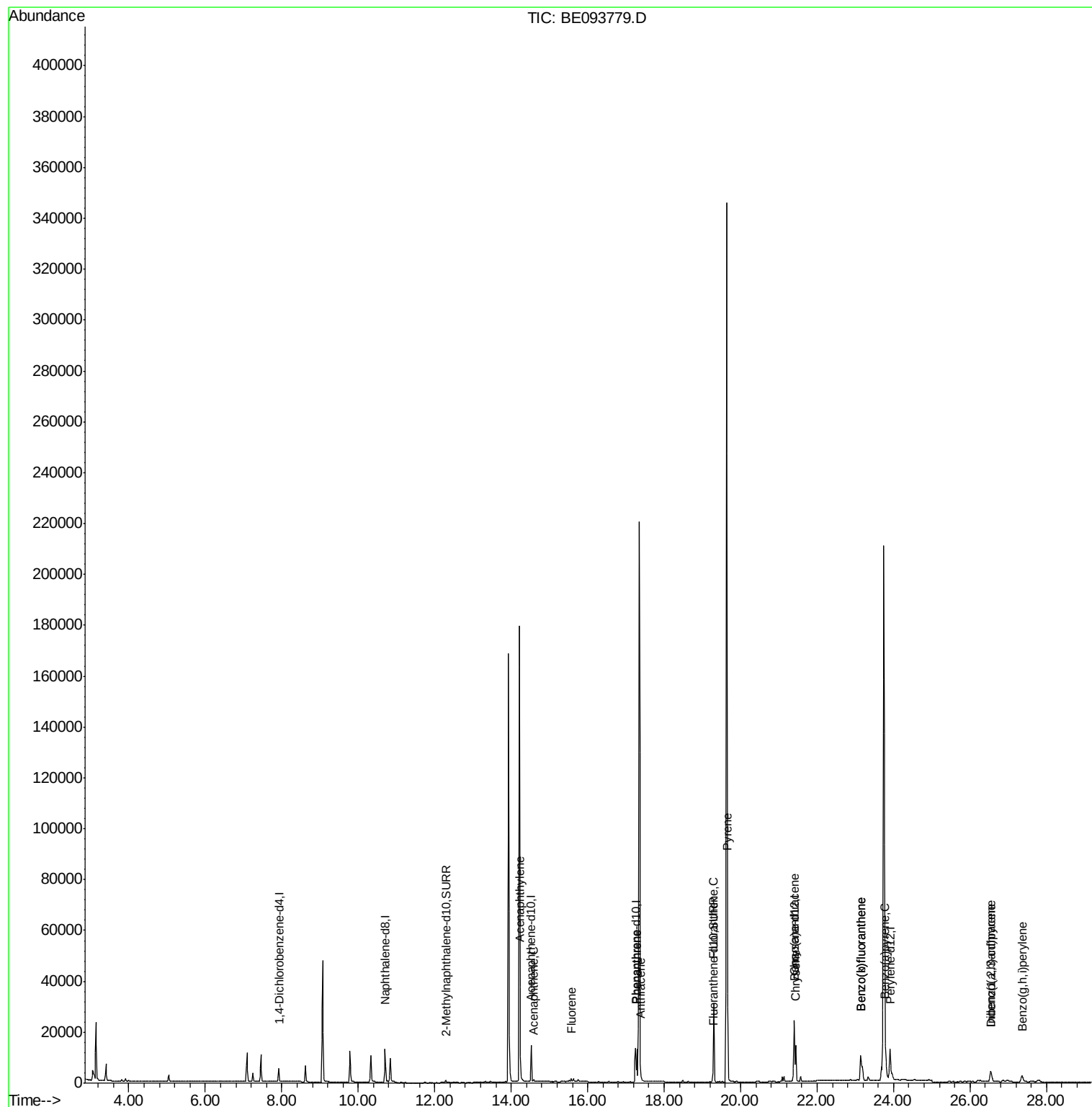
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
7) Acenaphthylene	14.24	152	767	0.022	ng/ul#	79
8) Acenaphthene	14.59	153	565	0.020	ng/ul	98
9) Fluorene	15.57	166	902	0.026	ng/ul#	86
12) Phenanthrene	17.29	178	14524	0.280	ng/ul#	91
13) Anthracene	17.38	178	2393	0.047	ng/ul#	93
15) Fluoranthene	19.30	202	33848	0.521	ng/ul	84
17) Pyrene	19.66	202	31213	0.523	ng/ul#	85
18) Benzo(a)anthracene	21.39	228	14147	0.239	ng/ul#	87
19) Chrysene	21.45	228	14777	0.260	ng/ul	98
21) Benzo(b)fluoranthene	23.14	252	25241	0.401	ng/ul	90
22) Benzo(k)fluoranthene	23.14	252	25241	0.407	ng/ul	92
23) Benzo(a)pyrene	23.80	252	13544	0.226	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.55	276	7986	0.121	ng/ul#	82
25) Dibenzo(a,h)anthracene	26.55	278	1824	0.033	ng/ul#	78
26) Benzo(g,h,i)perylene	27.37	276	6331	0.114	ng/ul	98

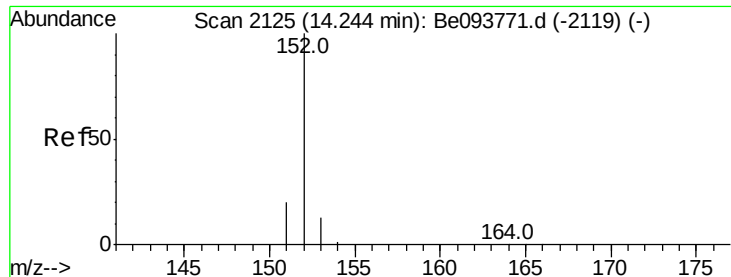
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081117\
Data File : BE093779.D
Acq On : 11 Aug 2017 20:51
Operator : SJ/JU
Sample : I4529-07DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA1DL

Quant Time: Aug 12 02:02:59 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 12 02:01:53 2017
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.022 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BE093779.D

Acq: 11 Aug 2017 20:51

Instrument :

BNA_E

ClientSampleId :

C0AA1DL

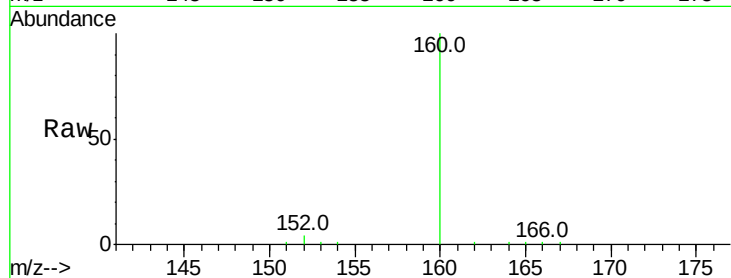
Tot Ion:152 Resp: 767

Ion Ratio Lower Upper

152 100

151 29.5 17.1 25.7#

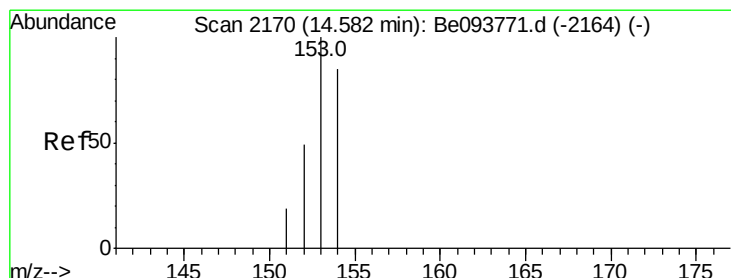
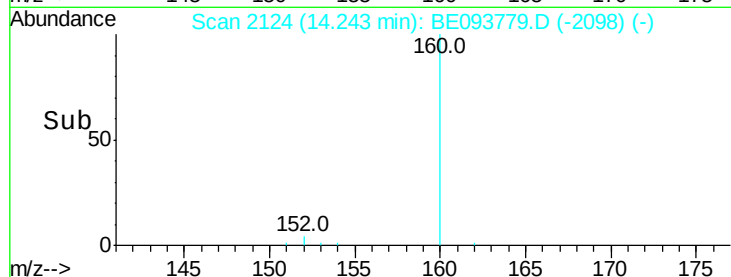
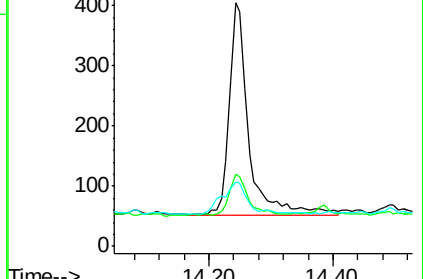
153 26.7 12.8 19.2#



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: 0.020 ng/ul

RT: 14.59 min Scan# 2170

Delta R.T. 0.01 min

Lab File: BE093779.D

Acq: 11 Aug 2017 20:51

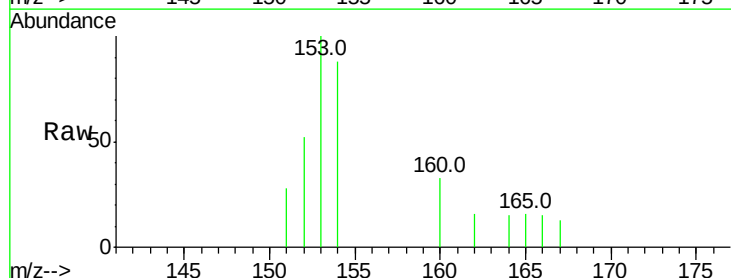
Tgt Ion:153 Resp: 565

Ion Ratio Lower Upper

153 100

152 52.1 40.3 60.5

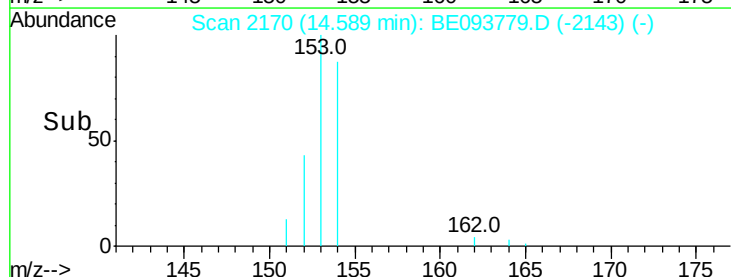
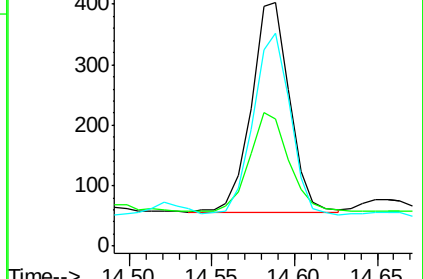
154 87.6 71.4 107.2

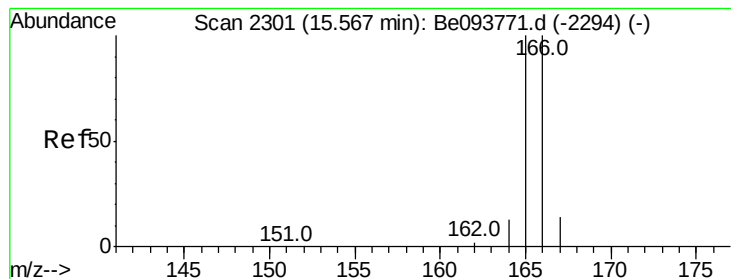


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.026 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.00 min

Lab File: BE093779.D

Acq: 11 Aug 2017 20:51

Instrument :

BNA_E

ClientSampleId :

C0AA1DL

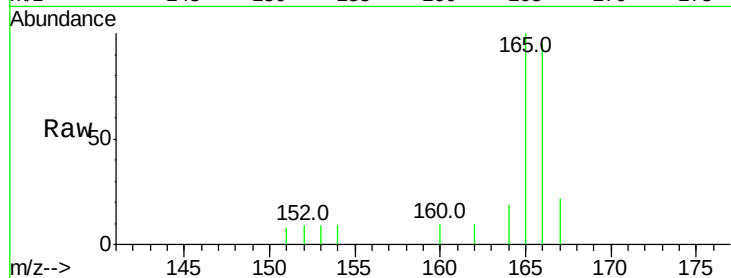
Tot Ion:166 Resp: 902

Ion Ratio Lower Upper

166 100

165 105.8 73.4 110.2

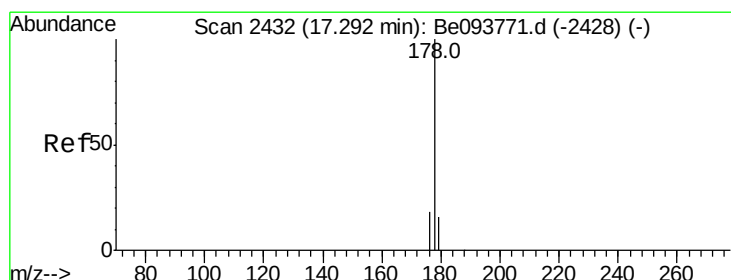
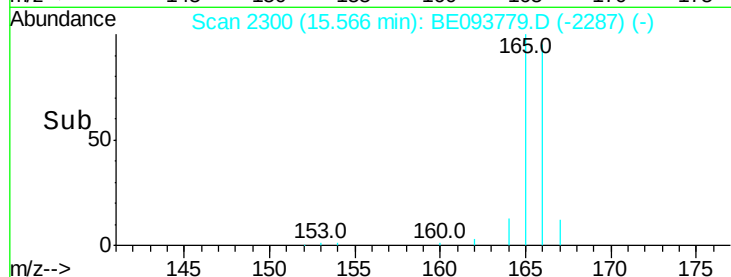
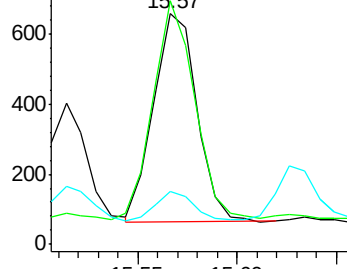
167 22.9 14.6 22.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 0.280 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BE093779.D

Acq: 11 Aug 2017 20:51

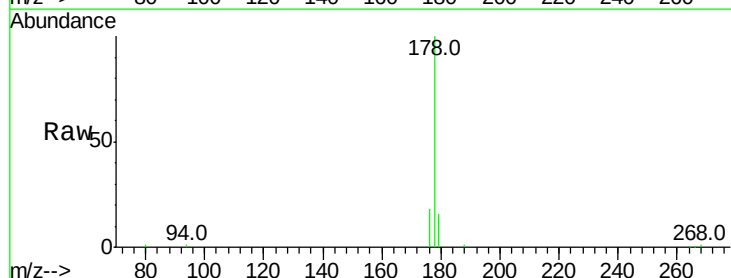
Tgt Ion:178 Resp: 14524

Ion Ratio Lower Upper

178 100

179 16.2 18.4 27.6#

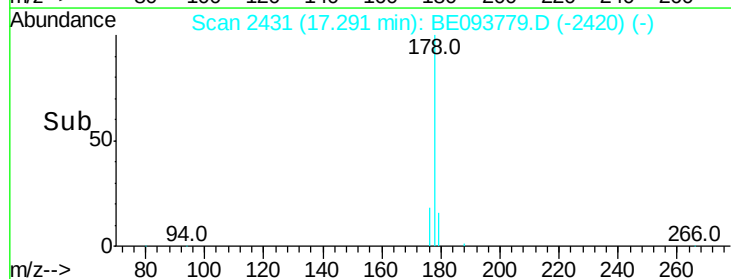
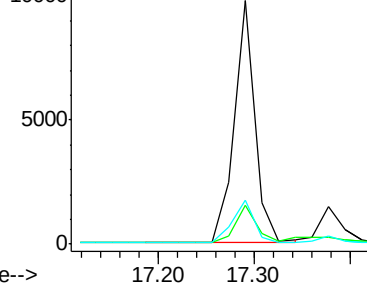
176 18.1 13.6 20.4

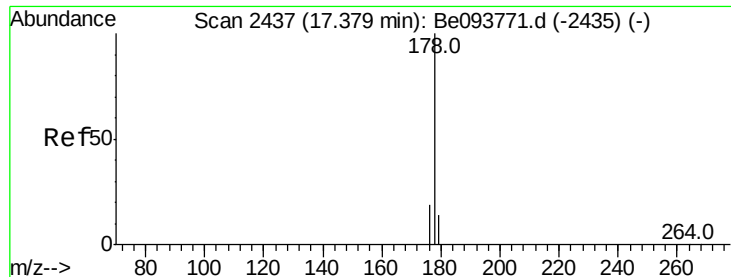


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.047 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BE093779.D

Acq: 11 Aug 2017 20:51

Instrument :

BNA_E

ClientSampleId :

C0AA1DL

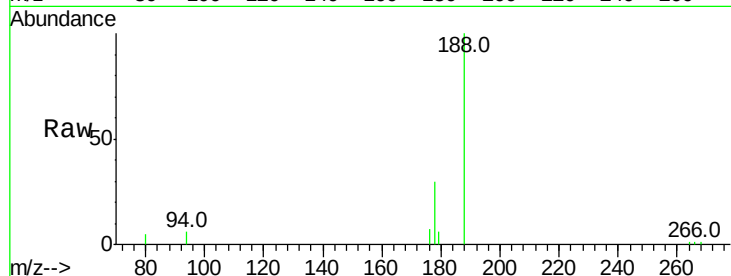
Tot Ion:178 Resp: 2393

Ion Ratio Lower Upper

178 100

179 19.5 18.1 27.1

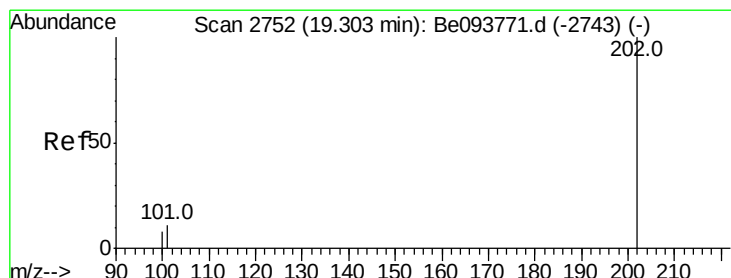
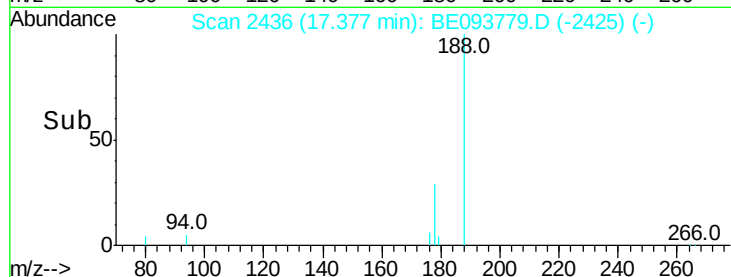
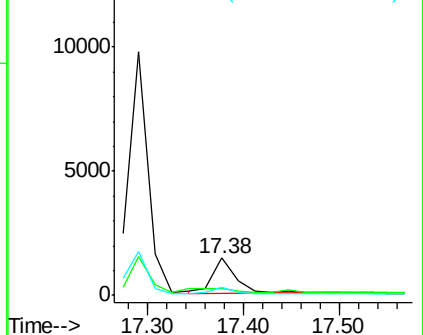
176 22.2 14.7 22.1#



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: 0.521 ng/ul

RT: 19.30 min Scan# 2751

Delta R.T. -0.00 min

Lab File: BE093779.D

Acq: 11 Aug 2017 20:51

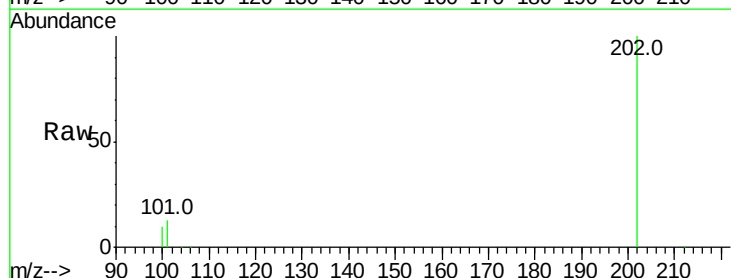
Tgt Ion:202 Resp: 33848

Ion Ratio Lower Upper

202 100

101 12.5 0.0 30.3

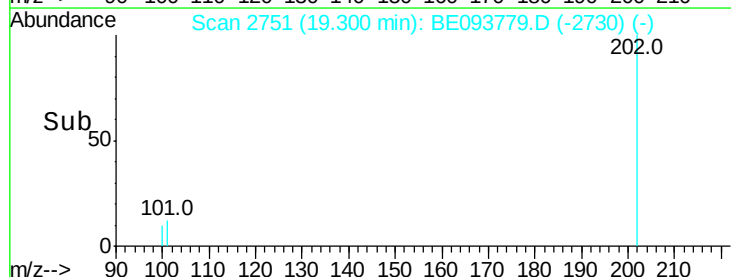
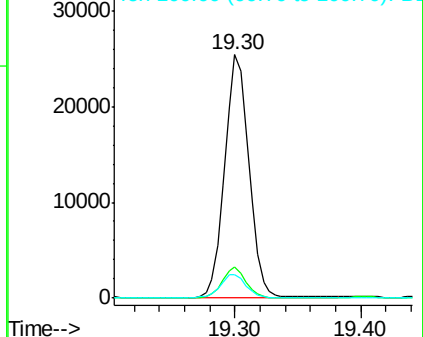
100 9.8 0.0 39.5

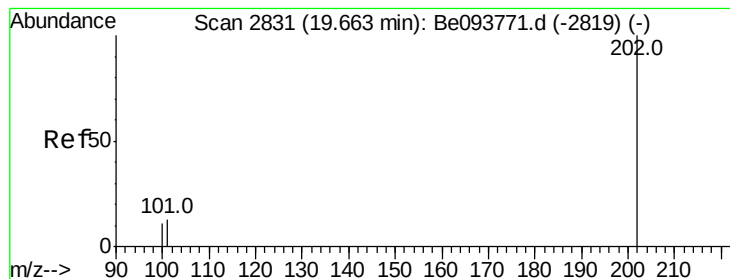


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#17

Pvrene

Concen: 0.523 ng/ul

RT: 19.66 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BE093779.D

Acq: 11 Aug 2017 20:51

Instrument :

BNA_E

ClientSampleId :

C0AA1DL

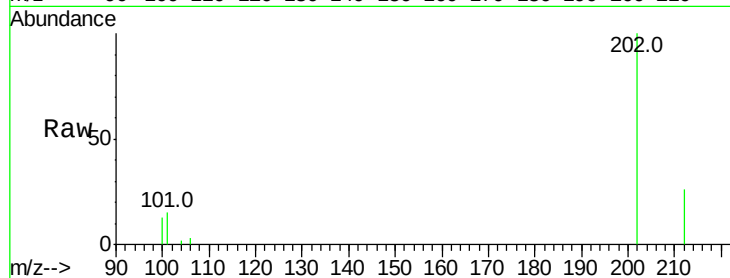
Tot Ion:202 Resp: 31213

Ion Ratio Lower Upper

202 100

101 15.0 18.2 27.4#

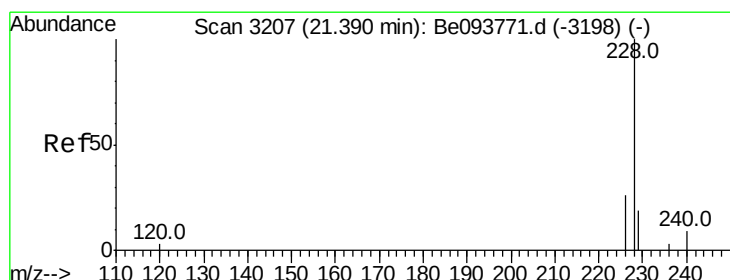
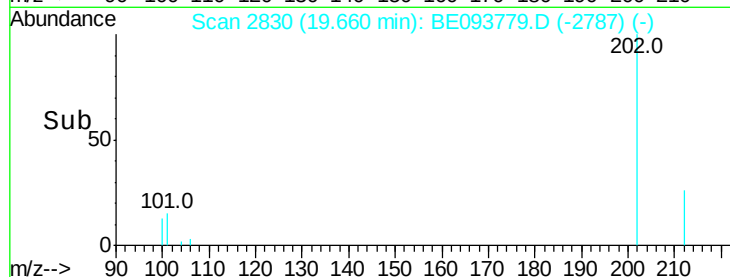
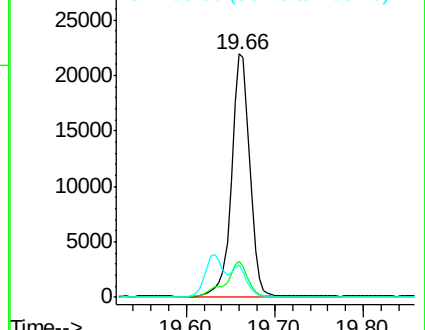
100 13.4 15.6 23.4#



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): E



#18

Benzo(a)anthracene

Concen: 0.239 ng/ul

RT: 21.39 min Scan# 3207

Delta R.T. 0.00 min

Lab File: BE093779.D

Acq: 11 Aug 2017 20:51

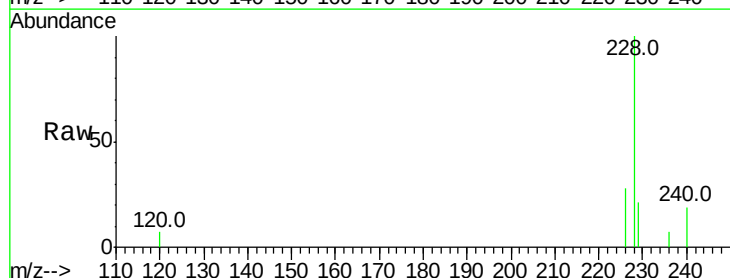
Tgt Ion:228 Resp: 14147

Ion Ratio Lower Upper

228 100

229 21.4 22.8 34.2#

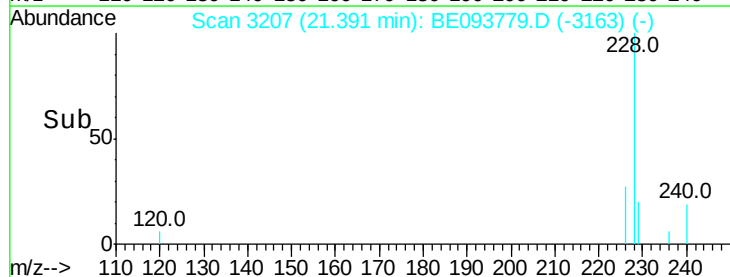
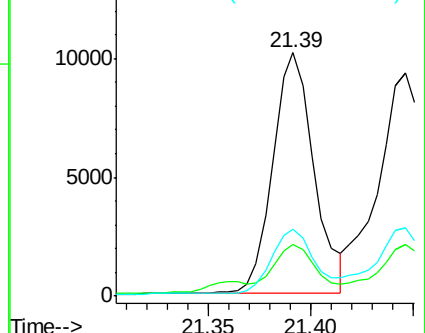
226 27.7 17.0 25.6#

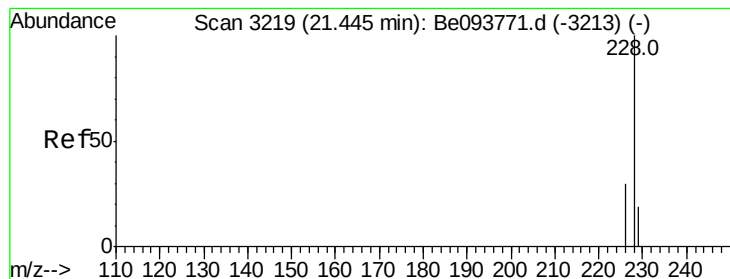


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.260 ng/ul

RT: 21.45 min Scan# 3219

Delta R.T. 0.00 min

Lab File: BE093779.D

Acq: 11 Aug 2017 20:51

Instrument :

BNA_E

ClientSampled :

C0AA1DL

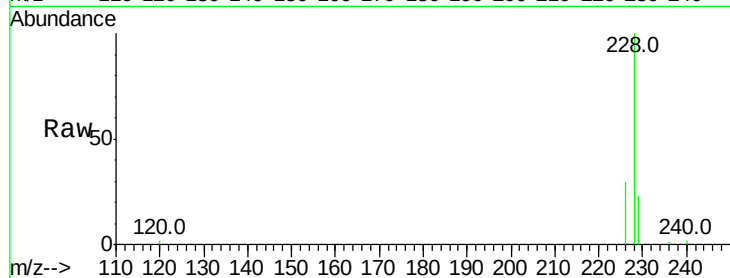
Tot Ion:228 Resp: 14777

Ion Ratio Lower Upper

228 100

226 30.4 23.4 35.0

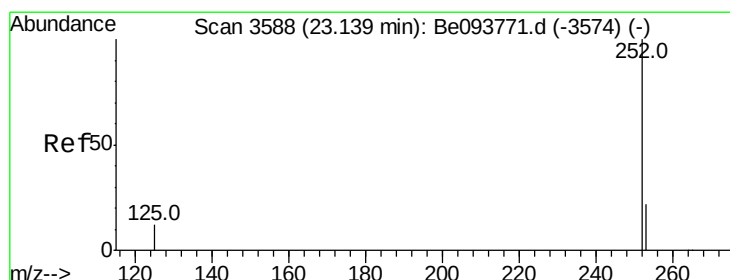
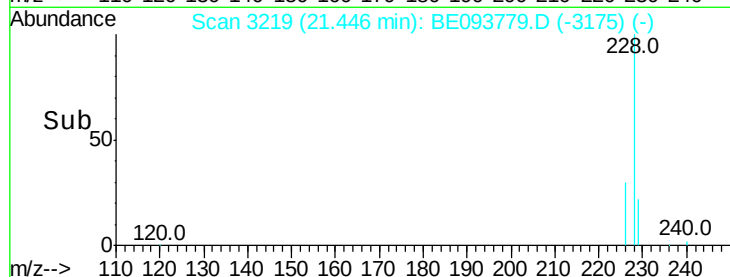
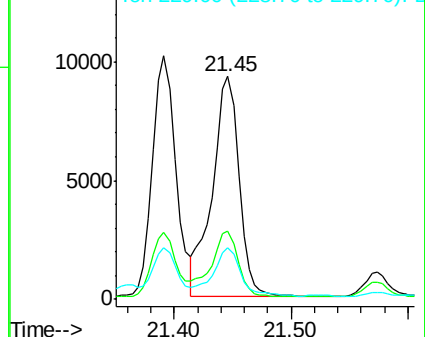
229 23.1 17.7 26.5



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: 0.401 ng/ul

RT: 23.14 min Scan# 3588

Delta R.T. 0.00 min

Lab File: BE093779.D

Acq: 11 Aug 2017 20:51

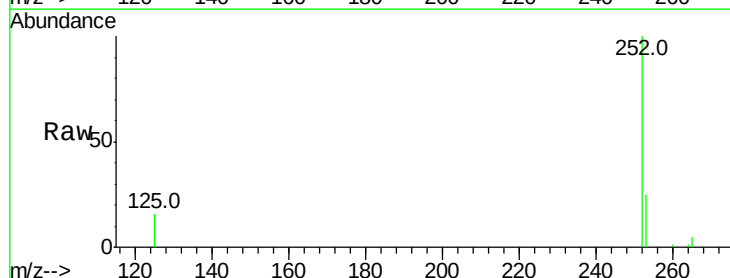
Tgt Ion:252 Resp: 25241

Ion Ratio Lower Upper

252 100

253 24.6 0.0 64.2

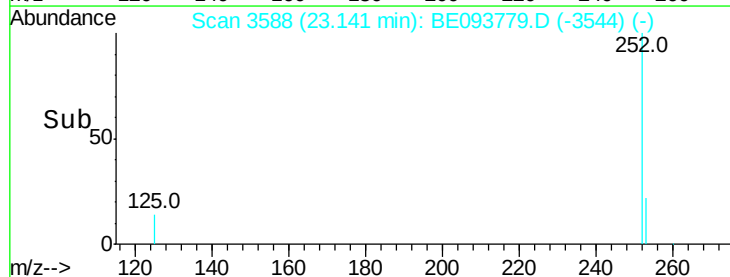
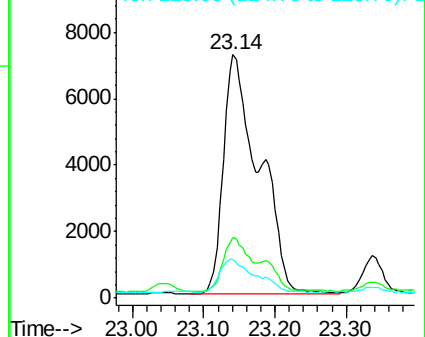
125 15.8 0.0 35.0

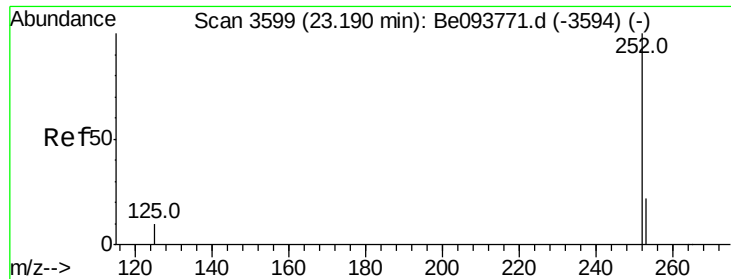


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.407 ng/ul

RT: 23.14 min Scan# 3588

Delta R.T. -0.05 min

Lab File: BE093779.D

Acq: 11 Aug 2017 20:51

Instrument :

BNA_E

ClientSampleId :

C0AA1DL

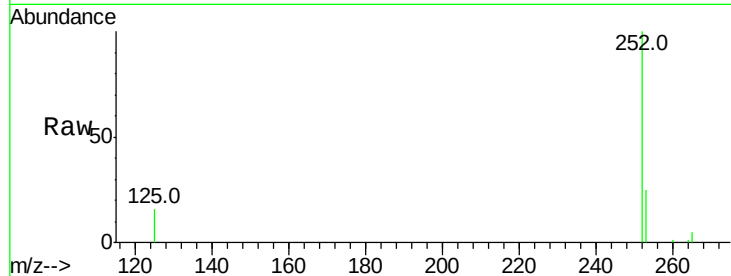
Tot Ion:252 Resp: 25241

Ion Ratio Lower Upper

252 100

253 24.6 24.5 36.7

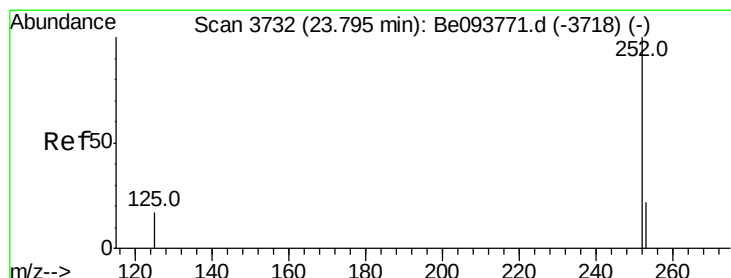
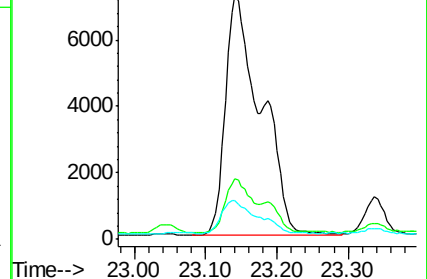
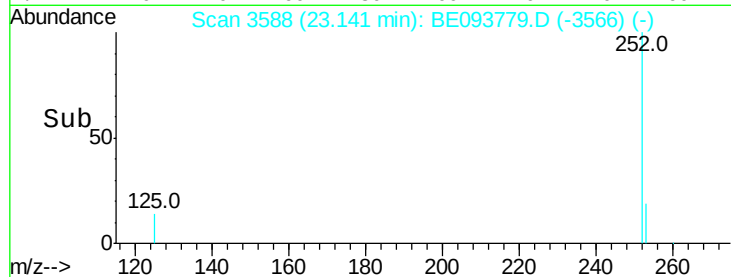
125 15.8 13.7 20.5



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: 0.226 ng/ul

RT: 23.80 min Scan# 3732

Delta R.T. 0.00 min

Lab File: BE093779.D

Acq: 11 Aug 2017 20:51

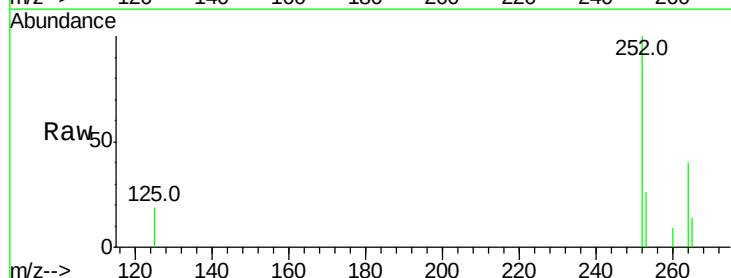
Tgt Ion:252 Resp: 13544

Ion Ratio Lower Upper

252 100

253 25.8 28.5 42.7#

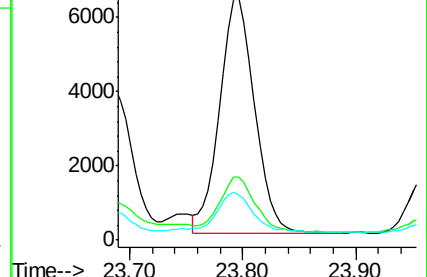
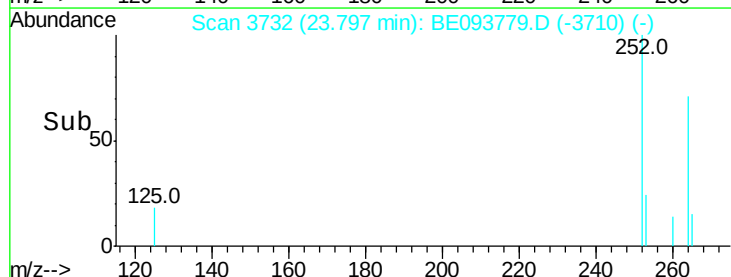
125 18.6 18.1 27.1

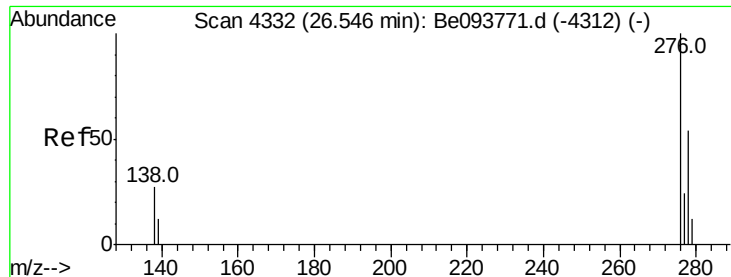


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.121 ng/ul

RT: 26.55 min Scan# 4332

Delta R.T. -0.00 min

Lab File: BE093779.D

Acq: 11 Aug 2017 20:51

Instrument :

BNA_E

ClientSampleId :

C0AA1DL

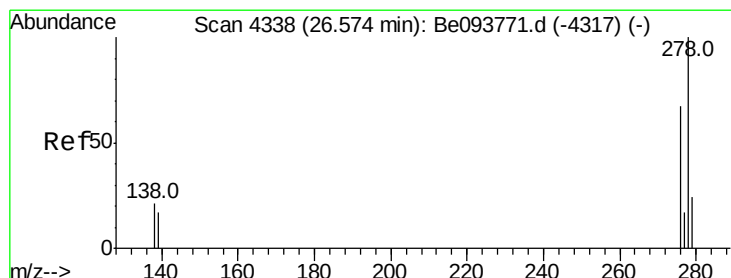
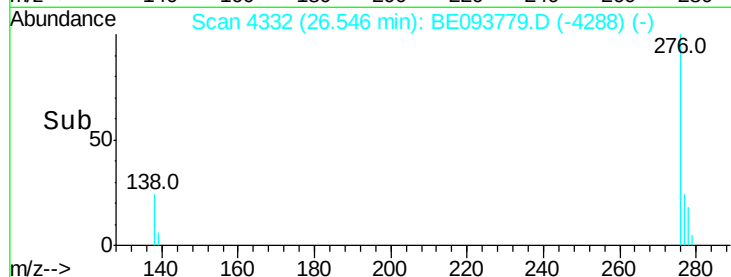
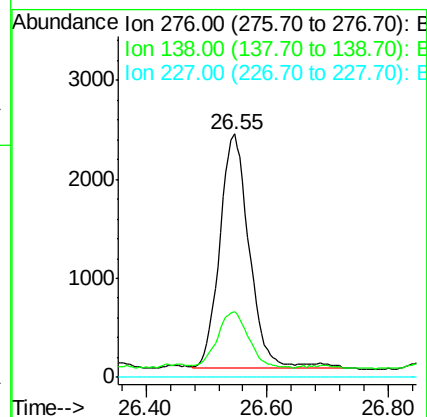
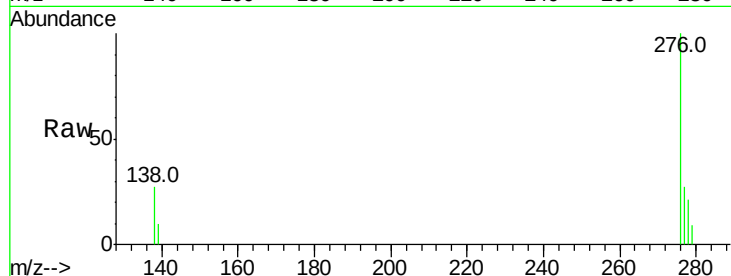
Tot Ion:276 Resp: 7986

Ion Ratio Lower Upper

276 100

138 25.8 28.0 42.0#

227 0.0 8.0 12.0#



#25

Dibenzo(a,h)anthracene

Concen: 0.033 ng/ul

RT: 26.55 min Scan# 4334

Delta R.T. -0.02 min

Lab File: BE093779.D

Acq: 11 Aug 2017 20:51

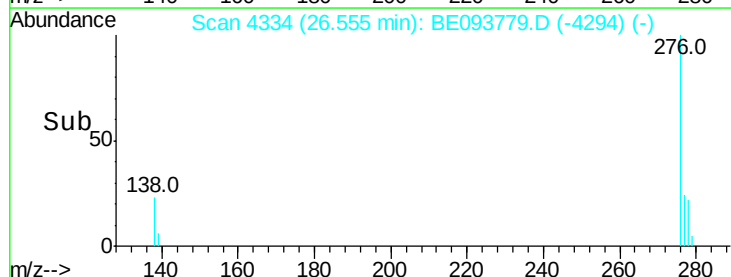
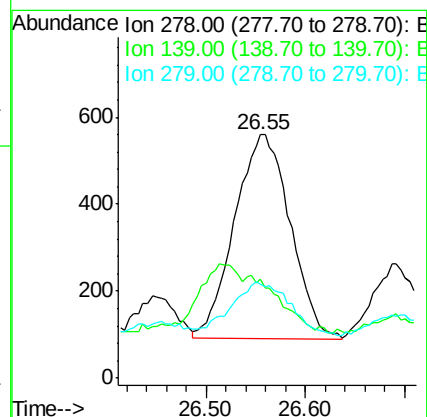
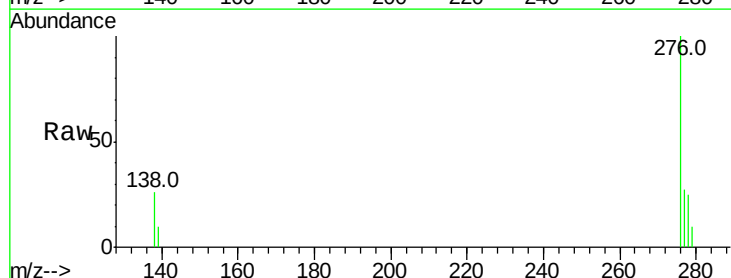
Tgt Ion:278 Resp: 1824

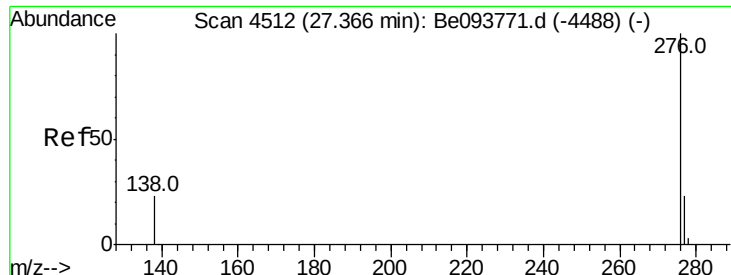
Ion Ratio Lower Upper

278 100

139 40.5 17.4 26.0#

279 38.4 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 0.114 ng/ul

RT: 27.37 min Scan# 4512

Delta R.T. -0.00 min

Lab File: BE093779.D

Acq: 11 Aug 2017 20:51

Instrument :

BNA_E

ClientSampleId :

C0AA1DL

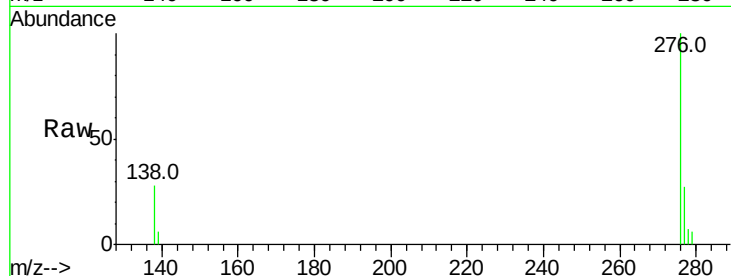
Tot Ion:276 Resp: 6331

Ion Ratio Lower Upper

276 100

138 27.6 21.8 32.8

277 27.5 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

