

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081517\
 Data File : BE093819.D
 Acq On : 15 Aug 2017 22:16
 Operator : SJ/JU
 Sample : I4672-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AJ1

Quant Time: Aug 16 07:37:30 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 07:30:49 2017
 Response via : Initial Calibration

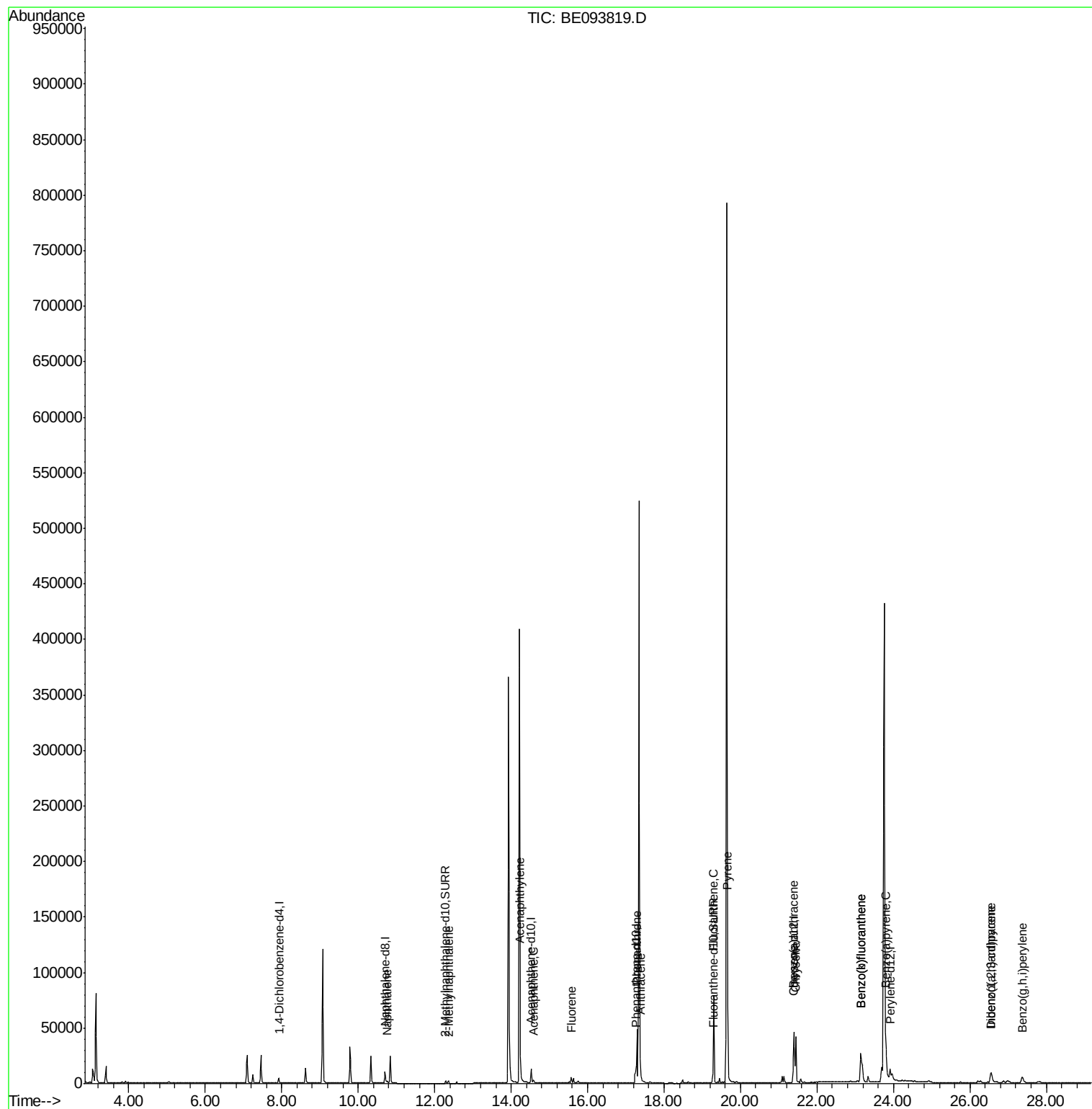
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2181	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	11733	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	7204	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	15707	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	16511	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	21197	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3487	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	9100	0.18	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	3466	0.121	ng/ul#	96
5) 2-Methylnaphthalene	12.36	142	1787	0.086	ng/ul	99
7) Acenaphthylene	14.24	152	3426	0.114	ng/ul	99
8) Acenaphthene	14.58	153	1593	0.067	ng/ul	98
9) Fluorene	15.57	166	3092	0.103	ng/ul	95
12) Phenanthrene	17.29	178	54468	1.273	ng/ul#	91
13) Anthracene	17.38	178	12023	0.289	ng/ul#	93
15) Fluoranthene	19.30	202	91921	1.718	ng/ul	84
17) Pyrene	19.66	202	82685	1.716	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	41862	0.875	ng/ul#	85
19) Chrysene	21.44	228	42692	0.930	ng/ul	99
21) Benzo(b)fluoranthene	23.14	252	69987	1.067	ng/ul	86
22) Benzo(k)fluoranthene	23.14	252	69987	1.082	ng/ul#	88
23) Benzo(a)pyrene	23.80	252	38533	0.618	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.55	276	19549	0.284	ng/ul#	79
25) Dibenzo(a,h)anthracene	26.57	278	4326	0.075	ng/ul#	94
26) Benzo(a,h,i)perylene	27.37	276	14722	0.254	ng/ul	99

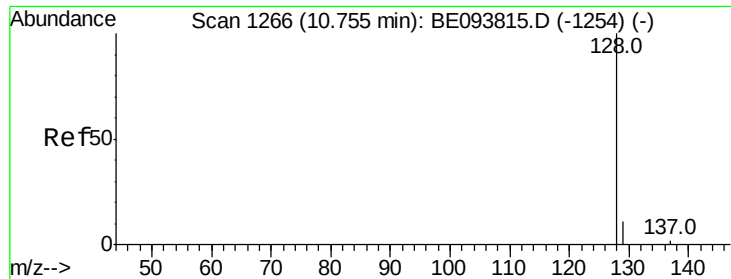
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081517\
Data File : BE093819.D
Acq On : 15 Aug 2017 22:16
Operator : SJ/JU
Sample : I4672-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ1

Quant Time: Aug 16 07:37:30 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 07:30:49 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.121 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE093819.D

Acq: 15 Aug 2017 22:16

Instrument :

BNA_E

ClientSampleId :

C0AJ1

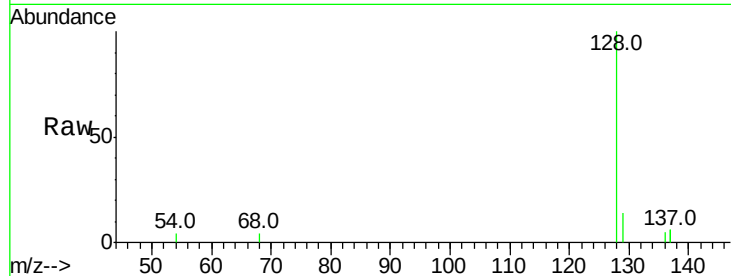
Tot Ion:128 Resp: 3466

Ion Ratio Lower Upper

128 100

129 14.3 11.3 16.9

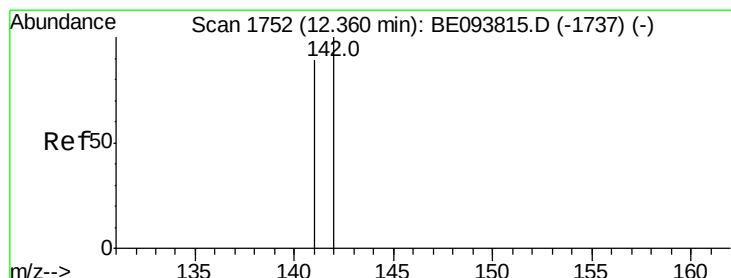
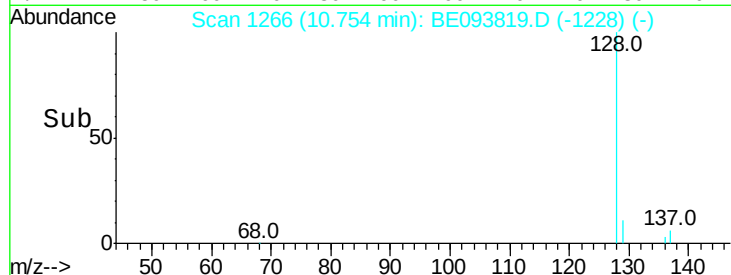
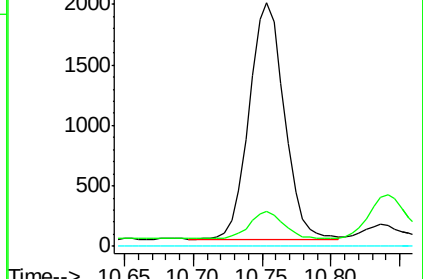
127 0.0 4.0 6.0#



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: 0.086 ng/ul

RT: 12.36 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BE093819.D

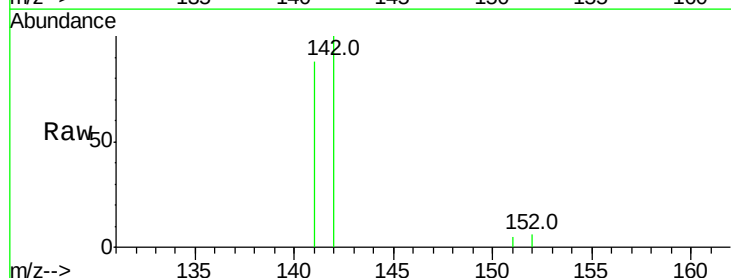
Acq: 15 Aug 2017 22:16

Tgt Ion:142 Resp: 1787

Ion Ratio Lower Upper

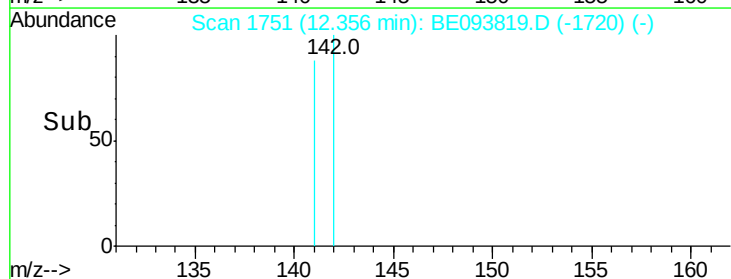
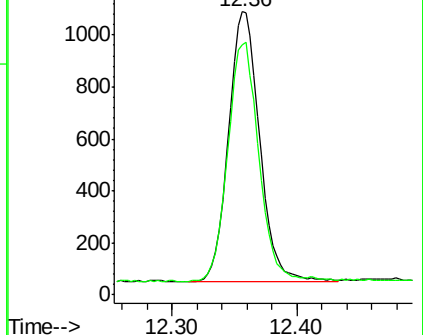
142 100

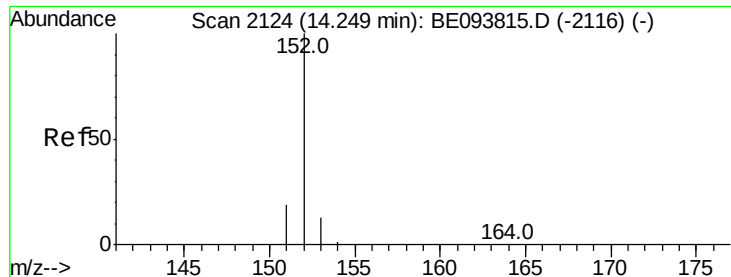
141 90.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.114 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE093819.D

Acq: 15 Aug 2017 22:16

Instrument :

BNA_E

ClientSampleId :

C0AJ1

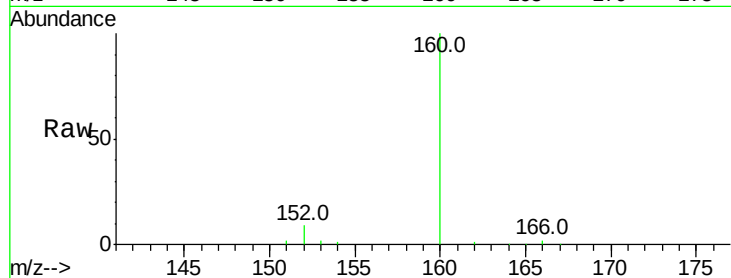
Tot Ion:152 Resp: 3426

Ion Ratio Lower Upper

152 100

151 21.6 17.1 25.7

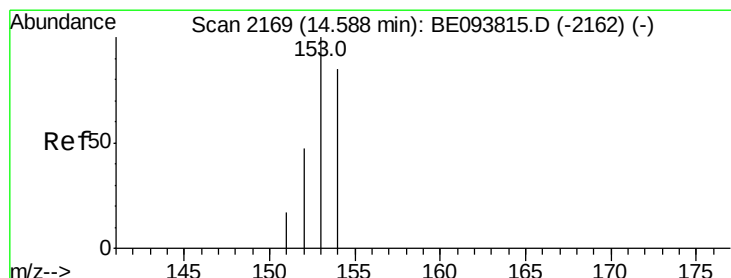
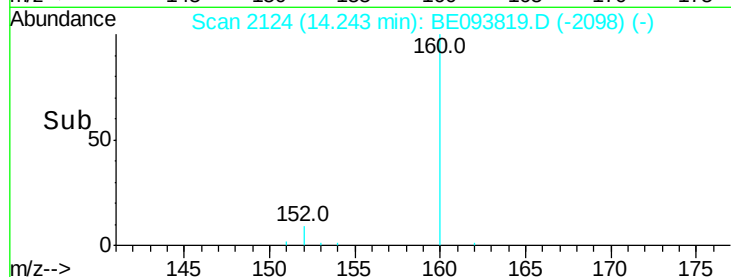
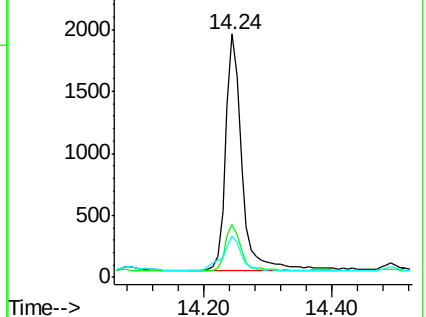
153 16.8 12.8 19.2



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: 0.067 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BE093819.D

Acq: 15 Aug 2017 22:16

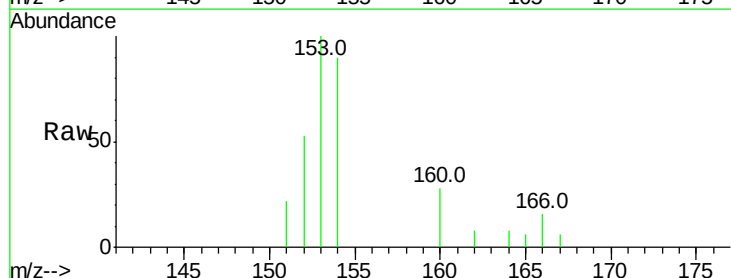
Tgt Ion:153 Resp: 1593

Ion Ratio Lower Upper

153 100

152 53.3 40.3 60.5

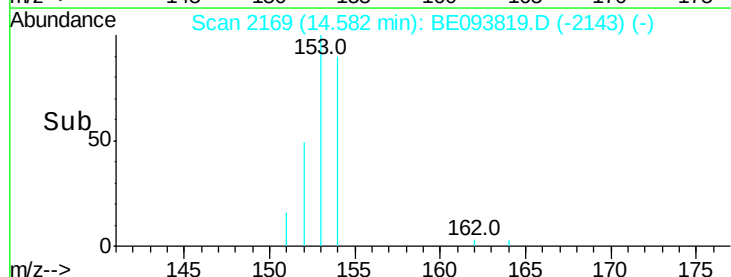
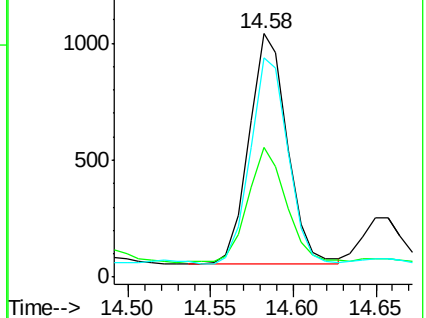
154 90.2 71.4 107.2

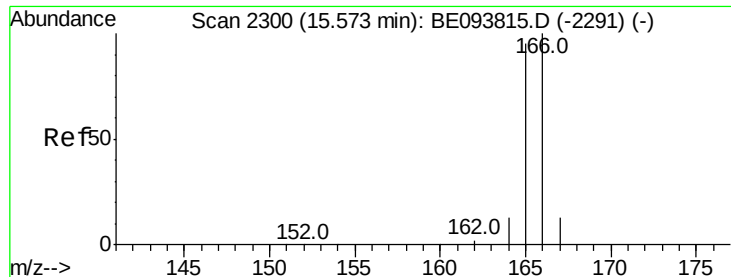


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

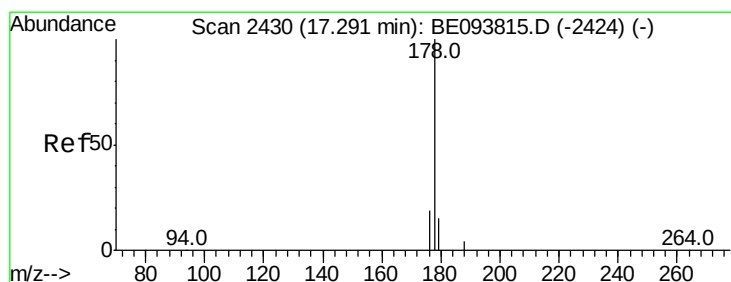
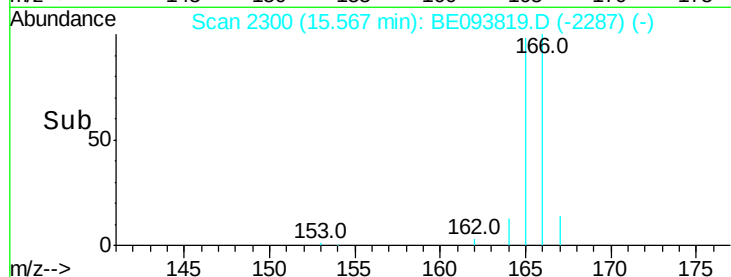
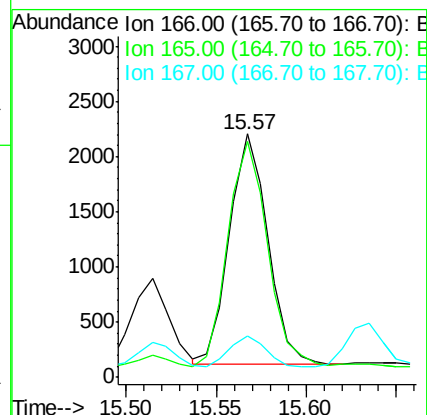
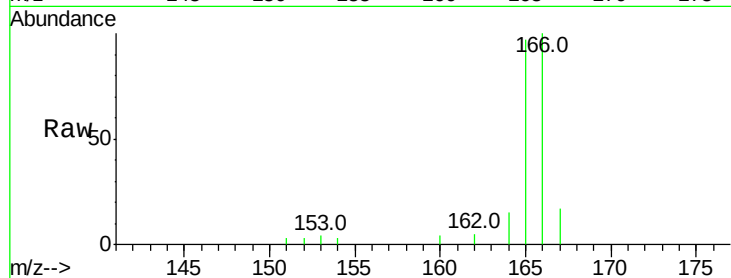




#9
Fluorene
 Concen: 0.103 ng/ul
 RT: 15.57 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BE093819.D
 Acq: 15 Aug 2017 22:16

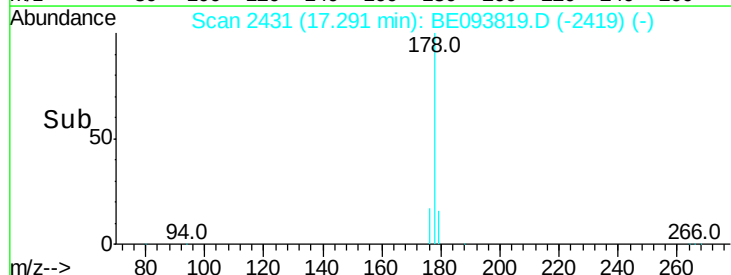
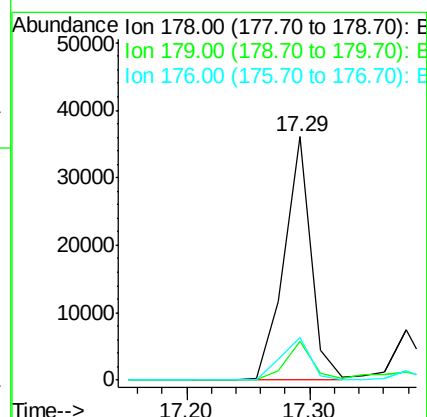
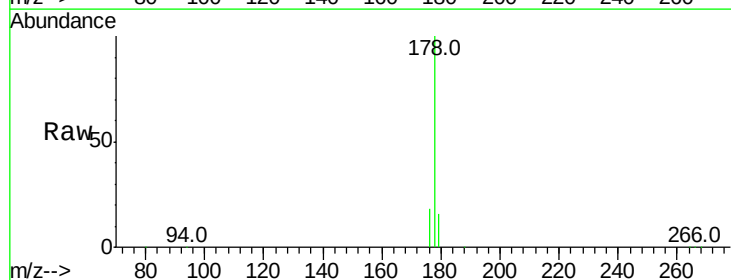
Instrument :
 BNA_E
 ClientSampleId :
 C0AJ1

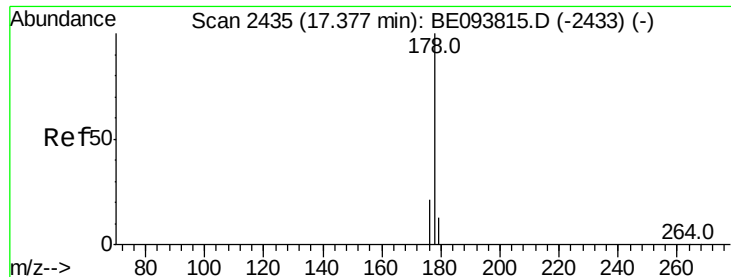
Tot Ion:166 Resp: 3092
 Ion Ratio Lower Upper
 166 100
 165 96.8 73.4 110.2
 167 16.9 14.6 22.0



#12
Phenanthrene
 Concen: 1.273 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. 0.00 min
 Lab File: BE093819.D
 Acq: 15 Aug 2017 22:16

Tgt Ion:178 Resp: 54468
 Ion Ratio Lower Upper
 178 100
 179 16.2 18.4 27.6#
 176 17.6 13.6 20.4





#13

Anthracene

Concen: 0.289 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. 0.00 min

Lab File: BE093819.D

Acq: 15 Aug 2017 22:16

Instrument :

BNA_E

ClientSampleId :

C0AJ1

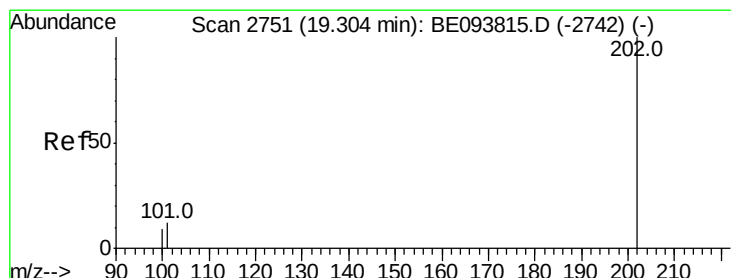
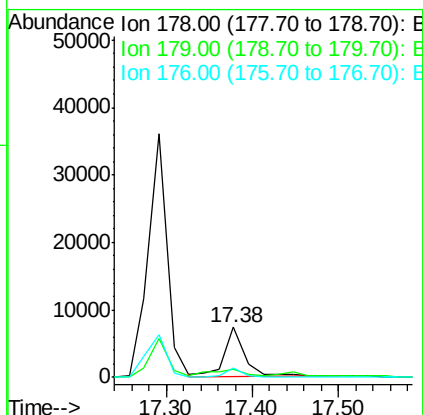
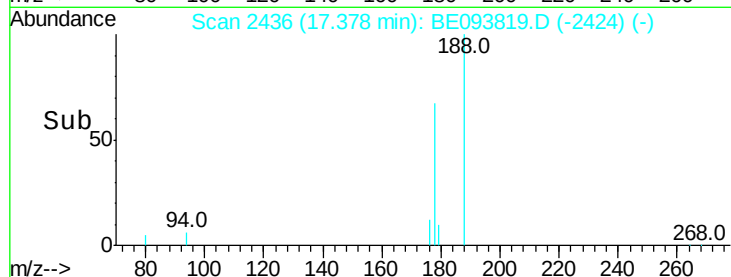
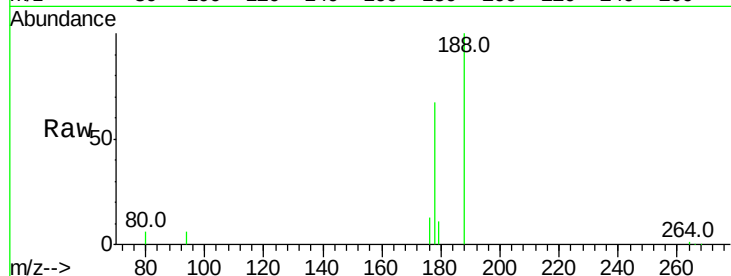
Tot Ion:178 Resp: 12023

Ion Ratio Lower Upper

178 100

179 16.5 18.1 27.1#

176 18.9 14.7 22.1



#15

Fluoranthene

Concen: 1.718 ng/ul

RT: 19.30 min Scan# 2751

Delta R.T. -0.00 min

Lab File: BE093819.D

Acq: 15 Aug 2017 22:16

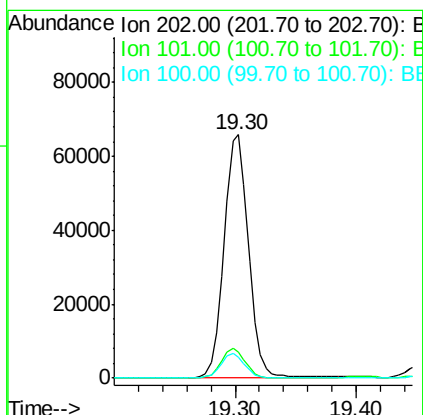
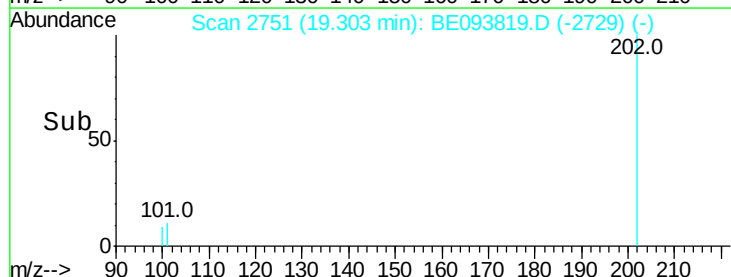
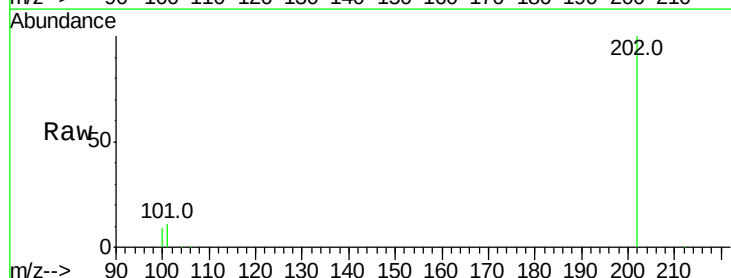
Tgt Ion:202 Resp: 91921

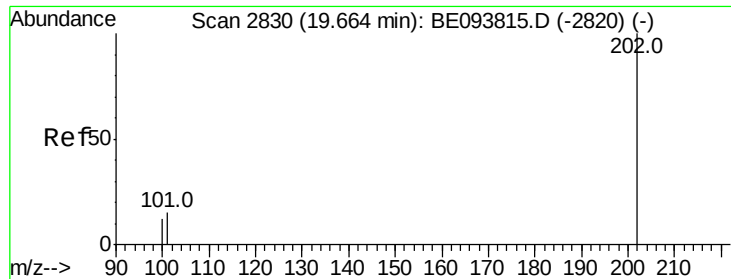
Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.3

100 8.7 0.0 39.5





#17

Pvrene

Concen: 1.716 ng/ul

RT: 19.66 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BE093819.D

Acq: 15 Aug 2017 22:16

Instrument :

BNA_E

ClientSampleId :

C0AJ1

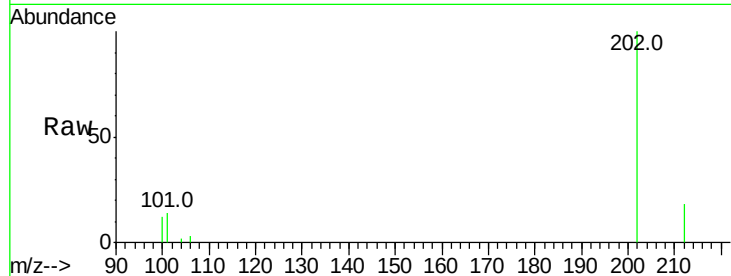
Tot Ion:202 Resp: 82685

Ion Ratio Lower Upper

202 100

101 13.6 18.2 27.4#

100 11.8 15.6 23.4#

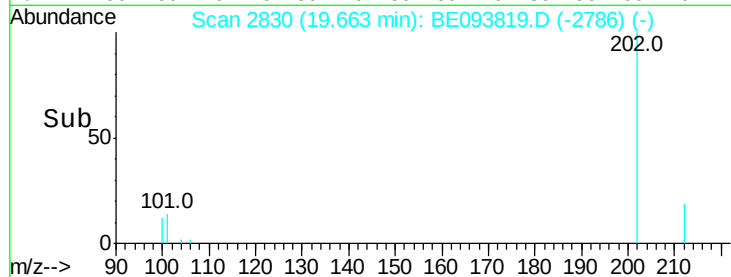


Abundance Ion 202.00 (201.70 to 202.70): E

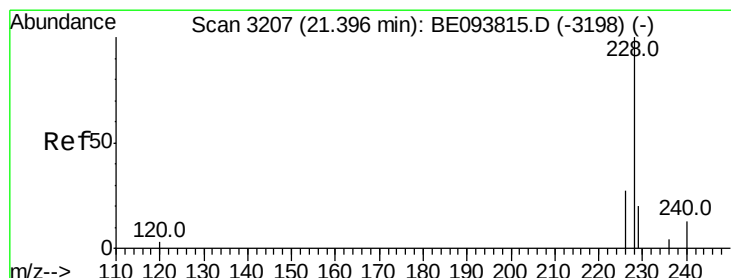
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



Time-->



#18

Benzo(a)anthracene

Concen: 0.875 ng/ul

RT: 21.39 min Scan# 3206

Delta R.T. -0.01 min

Lab File: BE093819.D

Acq: 15 Aug 2017 22:16

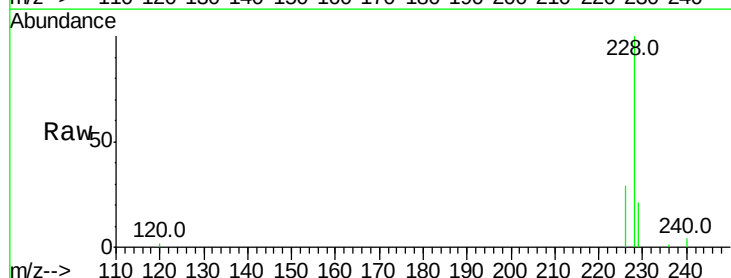
Tgt Ion:228 Resp: 41862

Ion Ratio Lower Upper

228 100

229 20.8 22.8 34.2#

226 28.5 17.0 25.6#

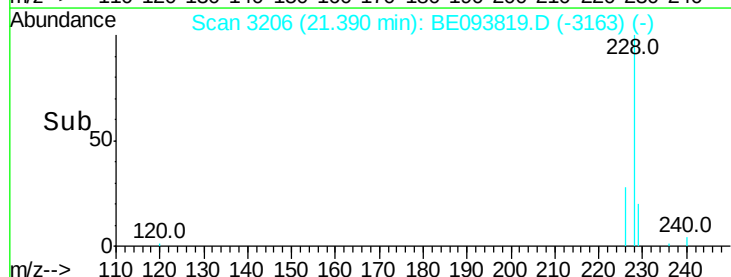


Abundance Ion 228.00 (227.70 to 228.70): E

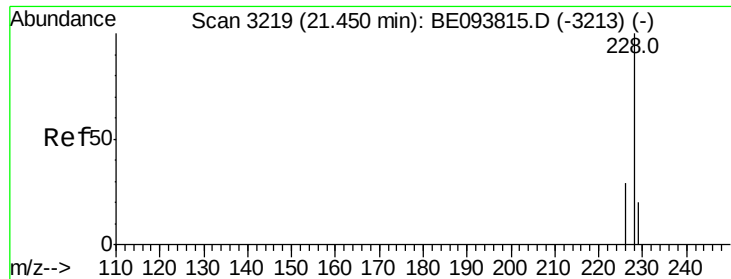
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->



Time-->



#19

Chrysene

Concen: 0.930 ng/ul

RT: 21.44 min Scan# 3218

Delta R.T. -0.01 min

Lab File: BE093819.D

Acq: 15 Aug 2017 22:16

Instrument :

BNA_E

ClientSampleId :

C0AJ1

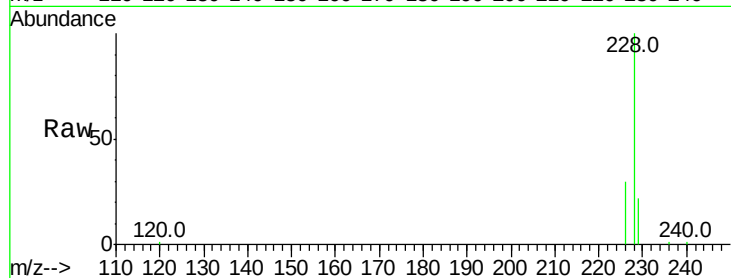
Tot Ion:228 Resp: 42692

Ion Ratio Lower Upper

228 100

226 30.4 23.4 35.0

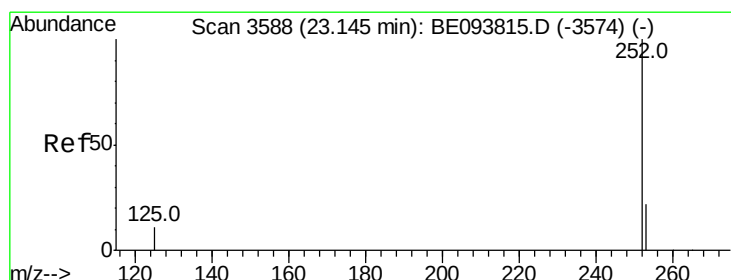
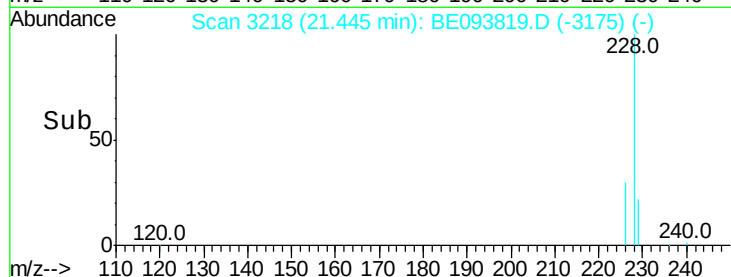
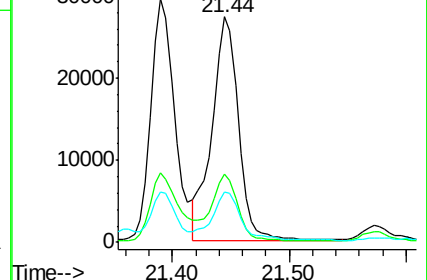
229 22.3 17.7 26.5



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: 1.067 ng/ul

RT: 23.14 min Scan# 3588

Delta R.T. -0.00 min

Lab File: BE093819.D

Acq: 15 Aug 2017 22:16

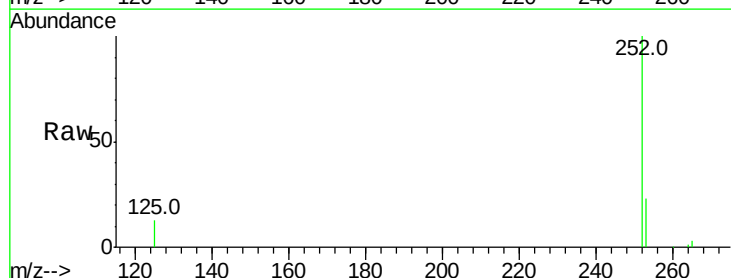
Tgt Ion:252 Resp: 69987

Ion Ratio Lower Upper

252 100

253 23.3 0.0 64.2

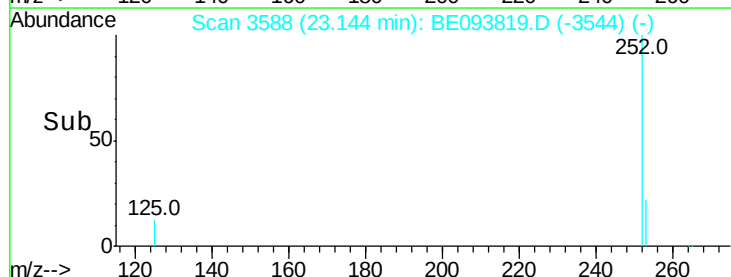
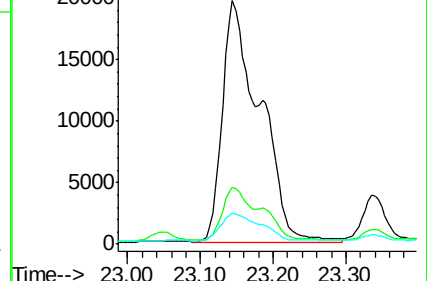
125 12.9 0.0 35.0

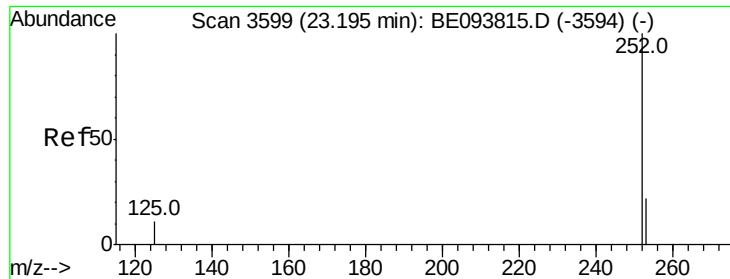


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 1.082 ng/ul

RT: 23.14 min Scan# 3588

Delta R.T. -0.05 min

Lab File: BE093819.D

Acq: 15 Aug 2017 22:16

Instrument :

BNA_E

ClientSampleId :

C0AJ1

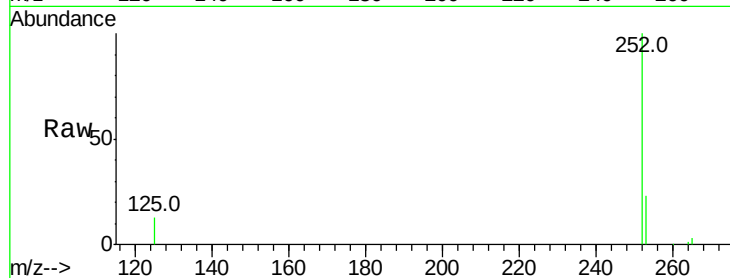
Tot Ion:252 Resp: 69987

Ion Ratio Lower Upper

252 100

253 23.3 24.5 36.7#

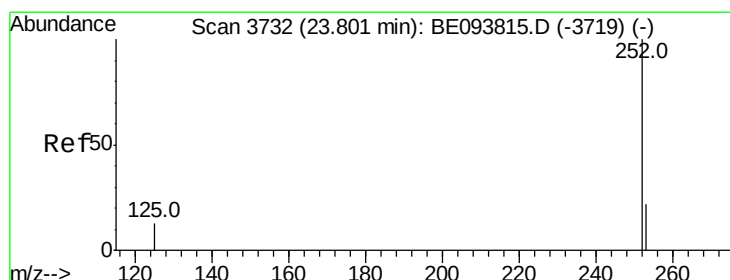
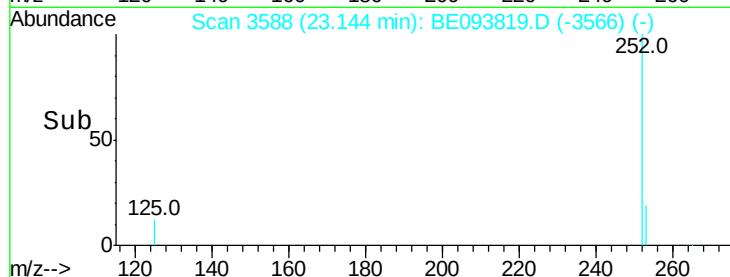
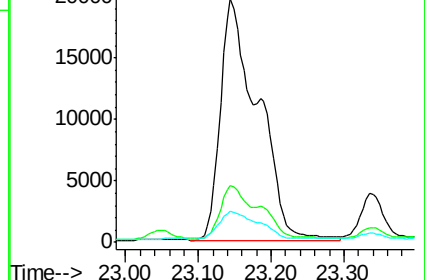
125 12.9 13.7 20.5#



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: 0.618 ng/ul

RT: 23.80 min Scan# 3732

Delta R.T. -0.00 min

Lab File: BE093819.D

Acq: 15 Aug 2017 22:16

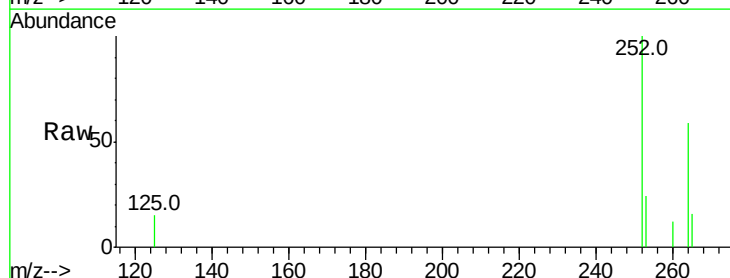
Tgt Ion:252 Resp: 38533

Ion Ratio Lower Upper

252 100

253 24.3 28.5 42.7#

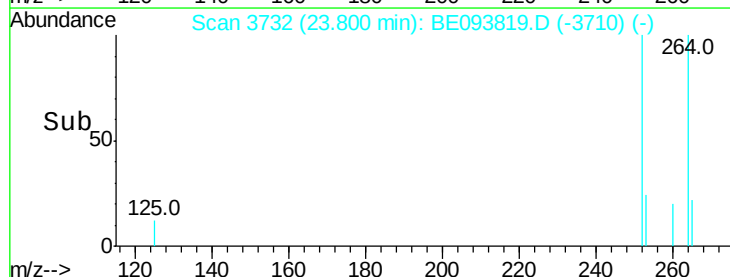
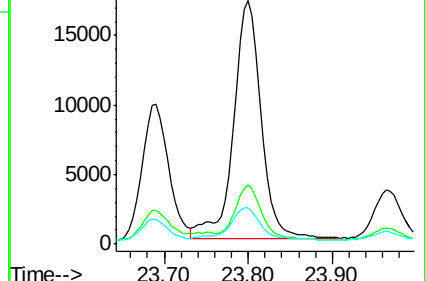
125 14.8 18.1 27.1#

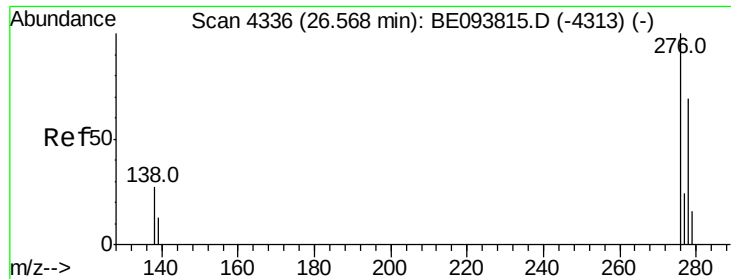


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.284 ng/ul

RT: 26.55 min Scan# 4331

Delta R.T. -0.02 min

Lab File: BE093819.D

Acq: 15 Aug 2017 22:16

Instrument :

BNA_E

ClientSampleId :

C0AJ1

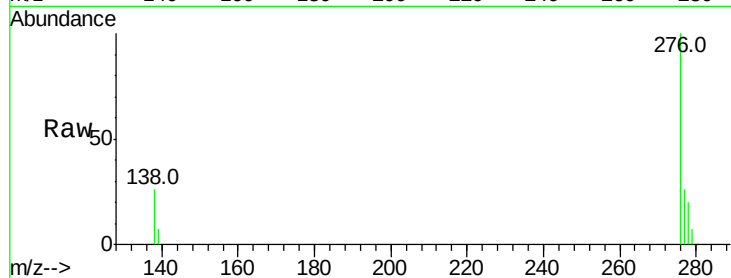
Tot Ion:276 Resp: 19549

Ion Ratio Lower Upper

276 100

138 23.8 28.0 42.0#

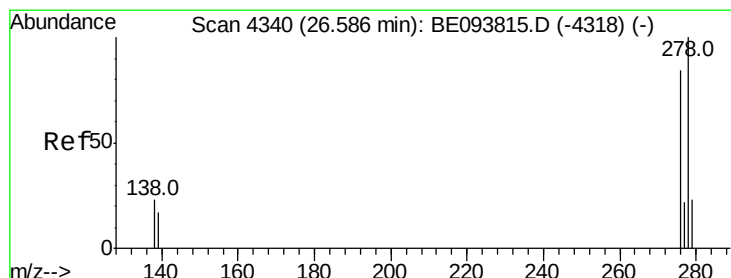
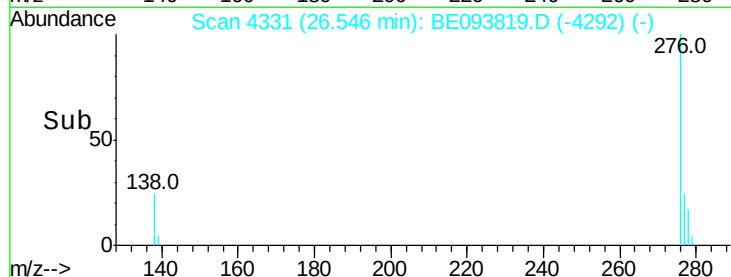
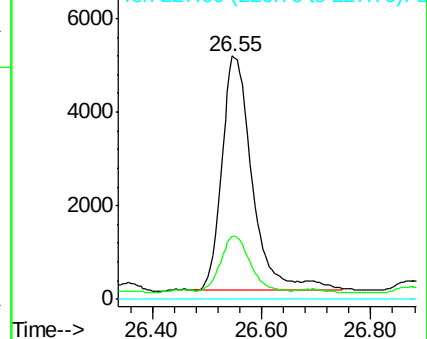
227 0.0 8.0 12.0#



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: 0.075 ng/ul

RT: 26.57 min Scan# 4336

Delta R.T. -0.02 min

Lab File: BE093819.D

Acq: 15 Aug 2017 22:16

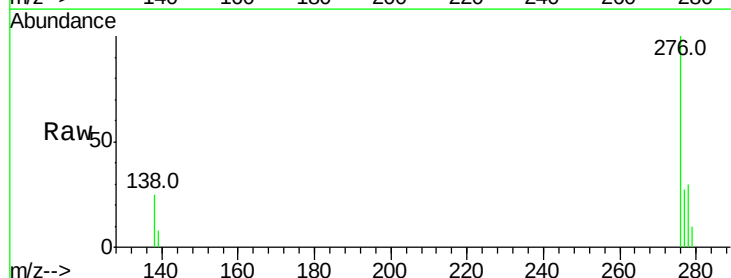
Tgt Ion:278 Resp: 4326

Ion Ratio Lower Upper

278 100

139 27.3 17.4 26.0#

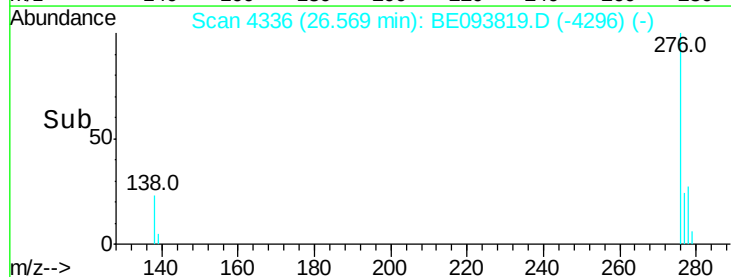
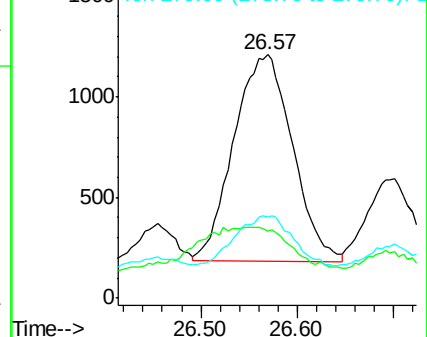
279 33.6 25.9 38.9

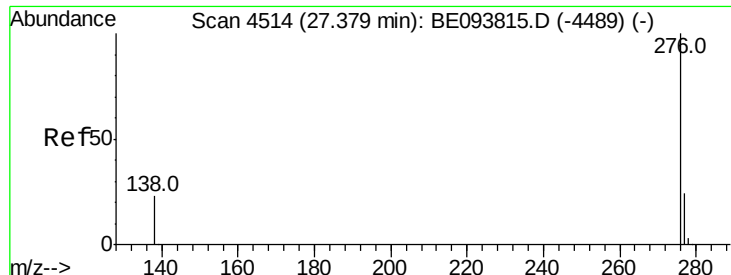


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.254 ng/ul

RT: 27.37 min Scan# 4511

Delta R.T. -0.01 min

Lab File: BE093819.D

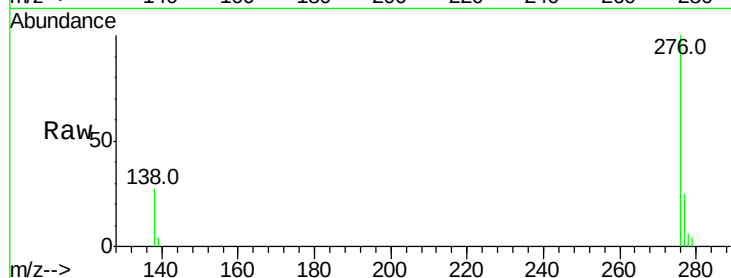
Acq: 15 Aug 2017 22:16

Instrument :

BNA_E

ClientSampleId :

C0AJ1



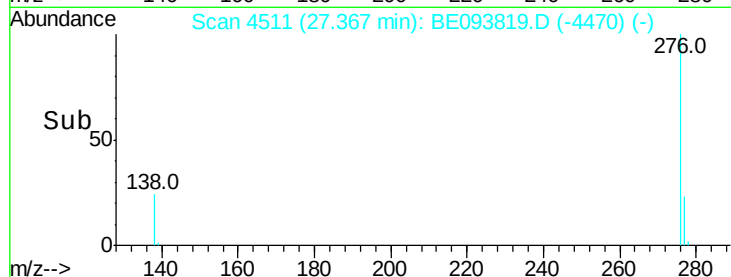
Tot Ion:276 Resp: 14722

Ion Ratio Lower Upper

276 100

138 26.9 21.8 32.8

277 25.2 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

