

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081517\
 Data File : BE093828.D
 Acq On : 16 Aug 2017 3:50
 Operator : SJ/JU
 Sample : I4557-03DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC6DL

Quant Time: Aug 16 07:38:54 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

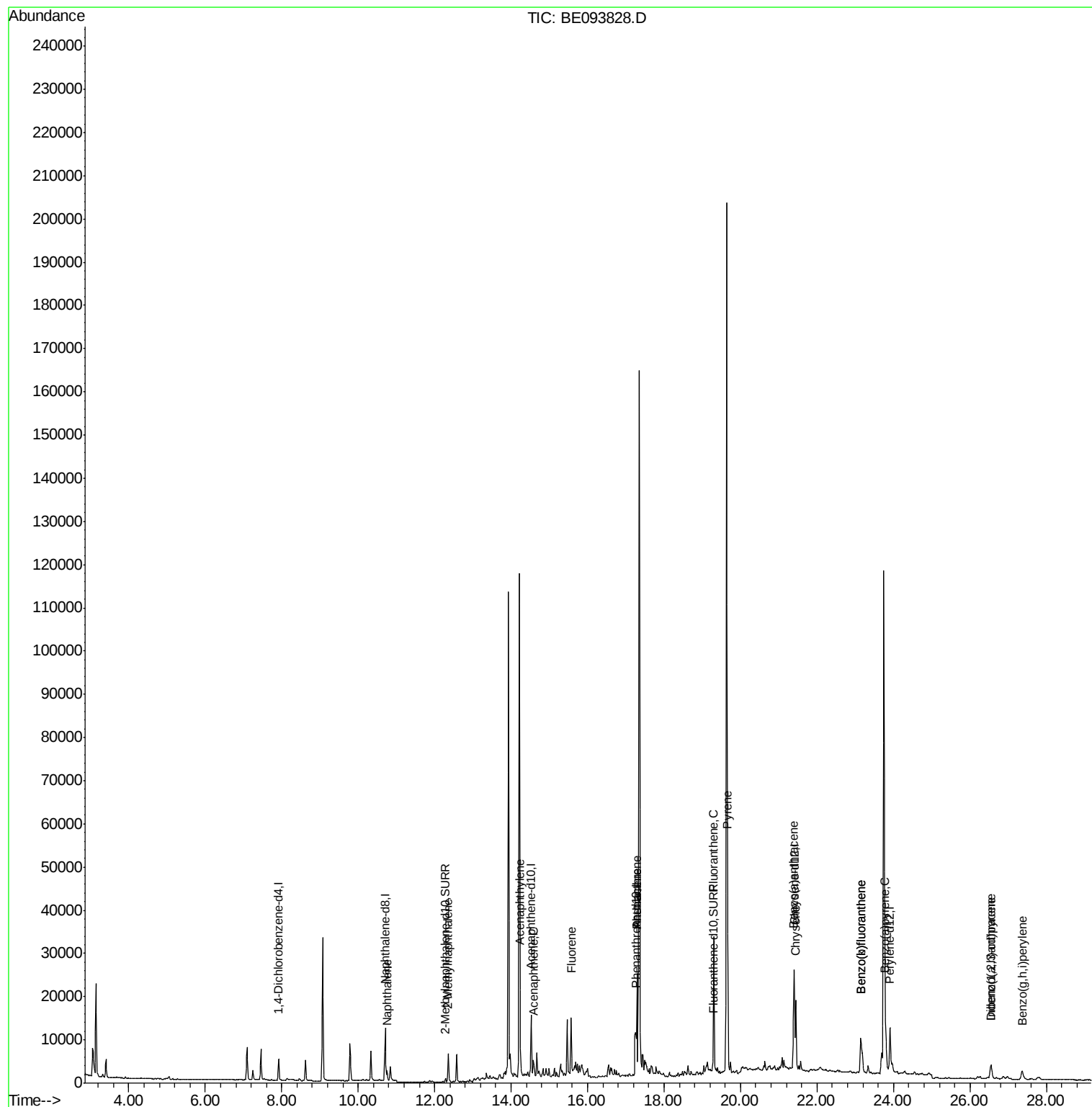
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2587	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	13668	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	7974	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	17524	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	18183	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	17636	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	1033	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	2611	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	3347	0.101	ng/ul#	94
5) 2-Methylnaphthalene	12.36	142	5809	0.240	ng/ul	98
7) Acenaphthylene	14.24	152	1532	0.046	ng/ul#	66
8) Acenaphthene	14.58	153	2283	0.087	ng/ul	96
9) Fluorene	15.57	166	8311	0.251	ng/ul	92
12) Phenanthrene	17.29	178	27335	0.573	ng/ul	93
13) Anthracene	17.29	178	26920	0.579	ng/ul	95
15) Fluoranthene	19.30	202	35278	0.591	ng/ul	83
17) Pyrene	19.66	202	42761	0.806	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	16875	0.320	ng/ul#	89
19) Chrysene	21.45	228	16479	0.326	ng/ul#	92
21) Benzo(b)fluoranthene	23.14	252	21901	0.401	ng/ul	95
22) Benzo(k)fluoranthene	23.14	252	21901	0.407	ng/ul	97
23) Benzo(a)pyrene	23.80	252	12371	0.238	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	26.55	276	6245	0.109	ng/ul#	82
25) Dibenzo(a,h)anthracene	26.56	278	1574	0.033	ng/ul#	52
26) Benzo(a,h,i)perylene	27.37	276	5353	0.111	ng/ul#	90

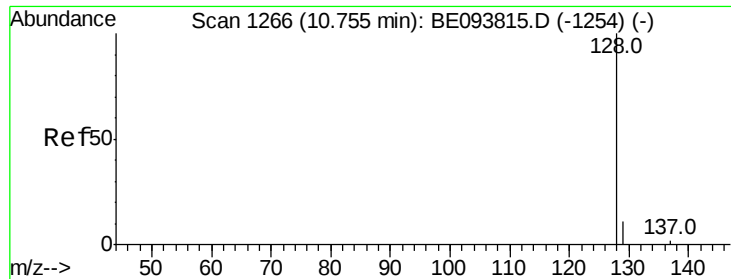
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081517\
Data File : BE093828.D
Acq On : 16 Aug 2017 3:50
Operator : SJ/JU
Sample : I4557-03DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC6DL

Quant Time: Aug 16 07:38:54 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: 0.101 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE093828.D

Acq: 16 Aug 2017 3:50

Instrument :

BNA_E

ClientSampleId :

C0AC6DL

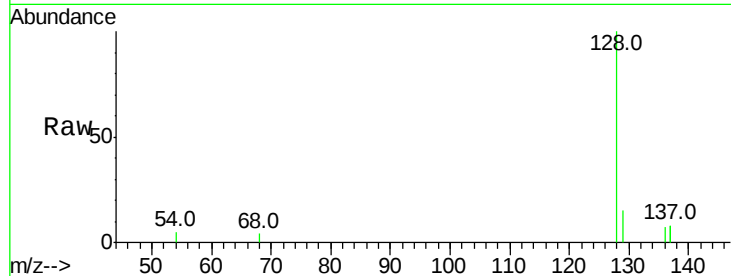
Tot Ion:128 Resp: 3347

Ion Ratio Lower Upper

128 100

129 15.2 11.3 16.9

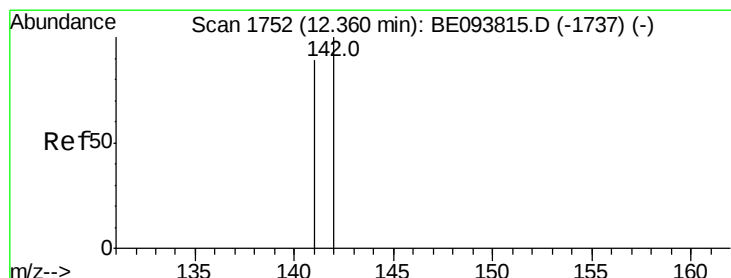
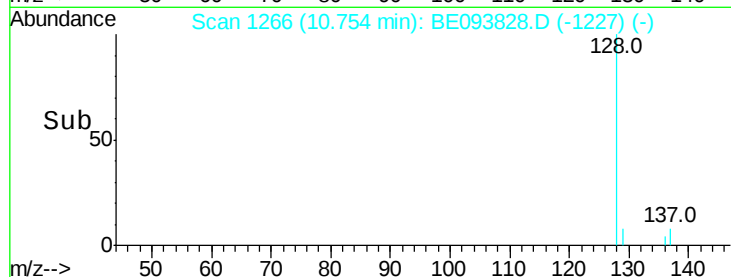
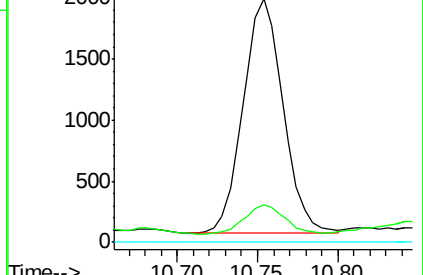
127 0.0 4.0 6.0#



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: 0.240 ng/ul

RT: 12.36 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BE093828.D

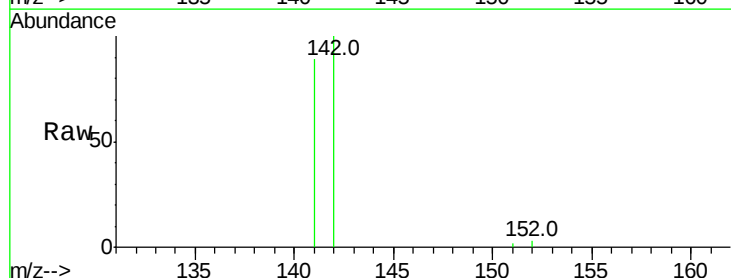
Acq: 16 Aug 2017 3:50

Tgt Ion:142 Resp: 5809

Ion Ratio Lower Upper

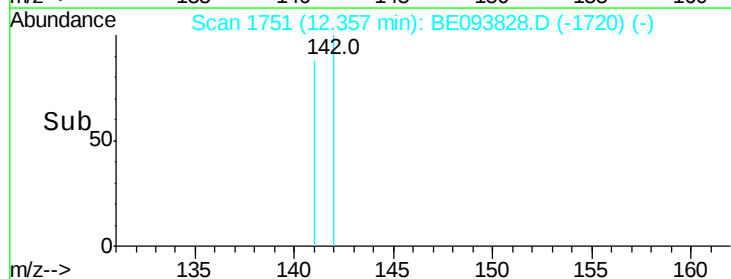
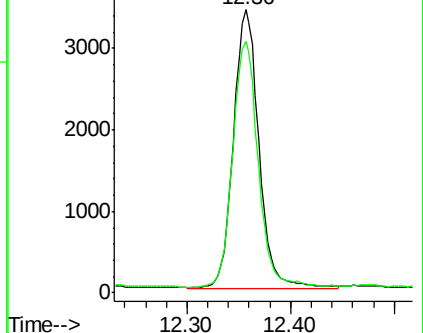
142 100

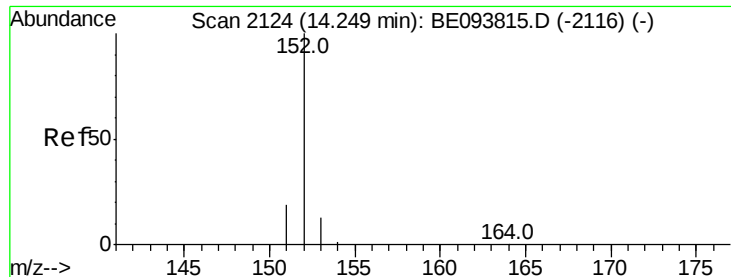
141 88.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.046 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BE093828.D

Acq: 16 Aug 2017 3:50

Instrument :

BNA_E

ClientSampleId :

C0AC6DL

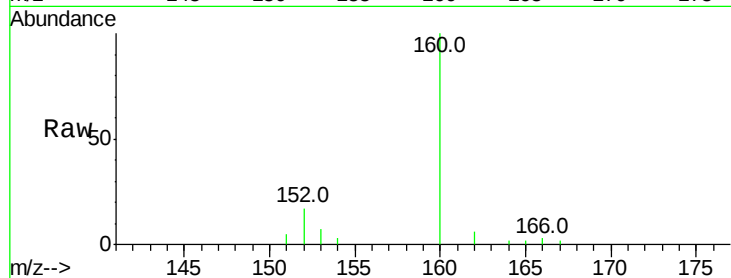
Tot Ion:152 Resp: 1532

Ion Ratio Lower Upper

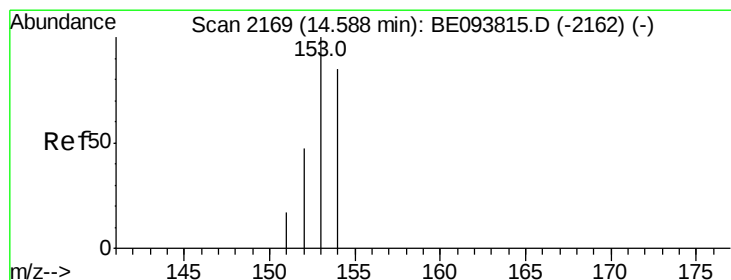
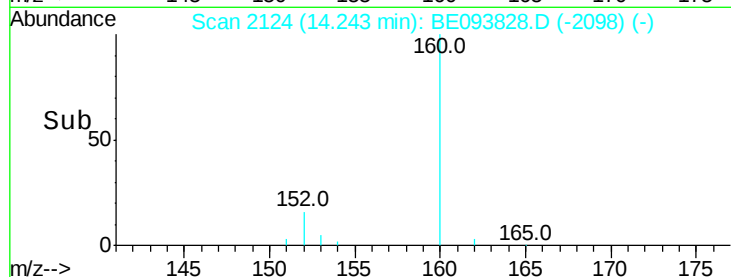
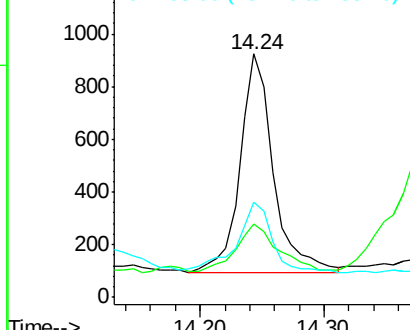
152 100

151 30.3 17.1 25.7#

153 38.9 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: 0.087 ng/ul

RT: 14.58 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BE093828.D

Acq: 16 Aug 2017 3:50

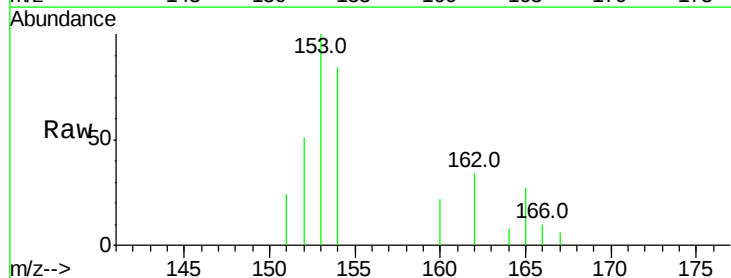
Tgt Ion:153 Resp: 2283

Ion Ratio Lower Upper

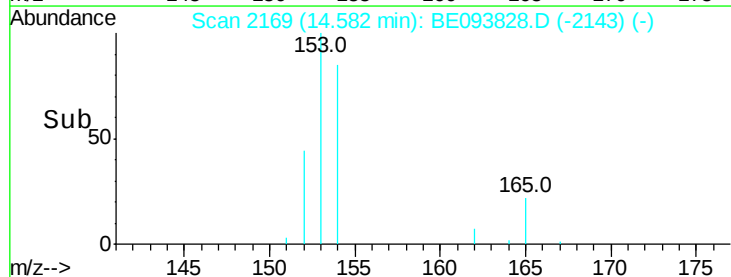
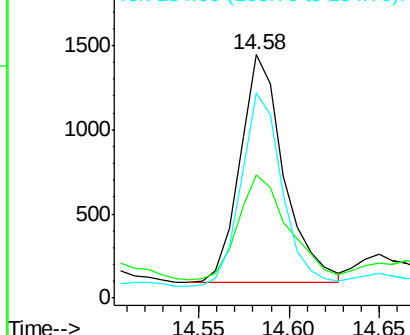
153 100

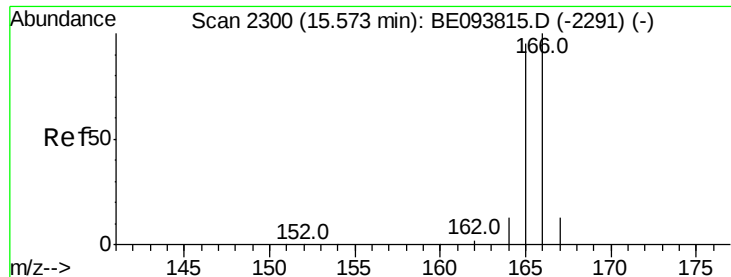
152 50.8 40.3 60.5

154 84.3 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: 0.251 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE093828.D

Acq: 16 Aug 2017 3:50

Instrument :

BNA_E

ClientSampleId :

C0AC6DL

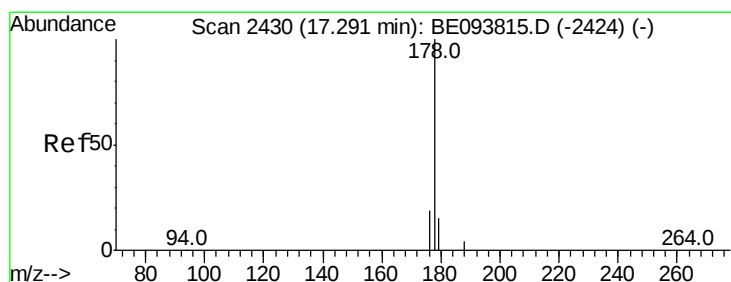
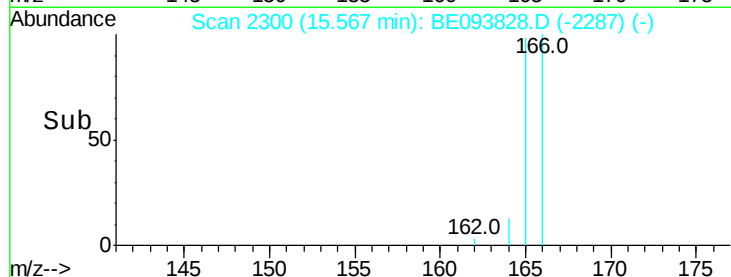
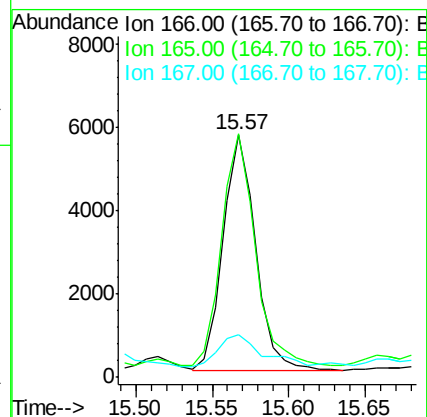
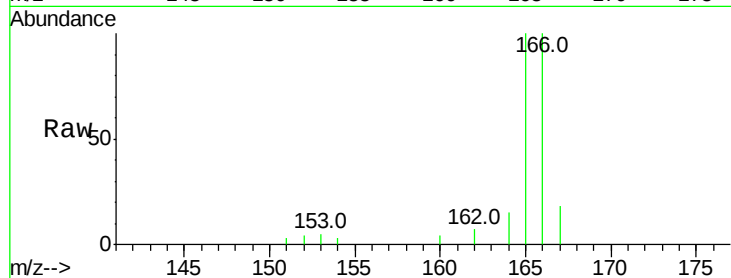
Tot Ion:166 Resp: 8311

Ion Ratio Lower Upper

166 100

165 100.5 73.4 110.2

167 17.8 14.6 22.0



#12

Phenanthrene

Concen: 0.573 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BE093828.D

Acq: 16 Aug 2017 3:50

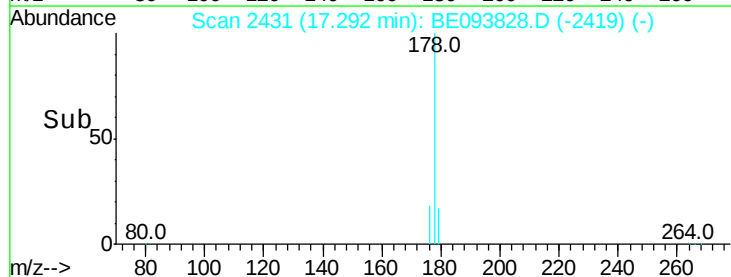
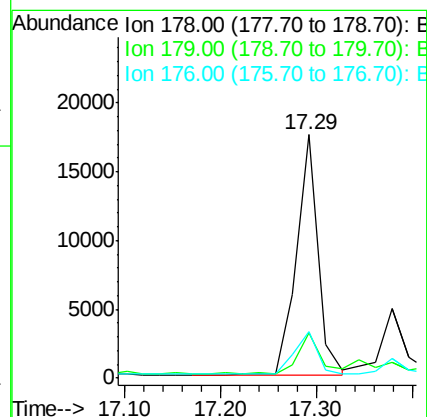
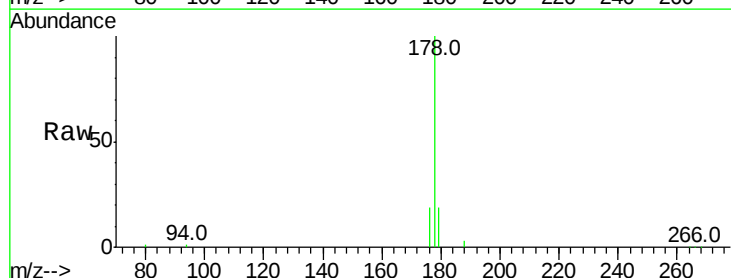
Tgt Ion:178 Resp: 27335

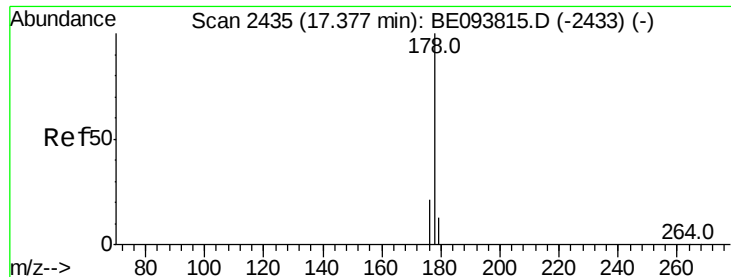
Ion Ratio Lower Upper

178 100

179 18.7 18.4 27.6

176 19.0 13.6 20.4

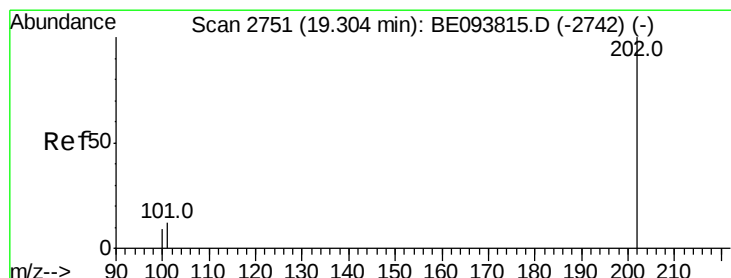
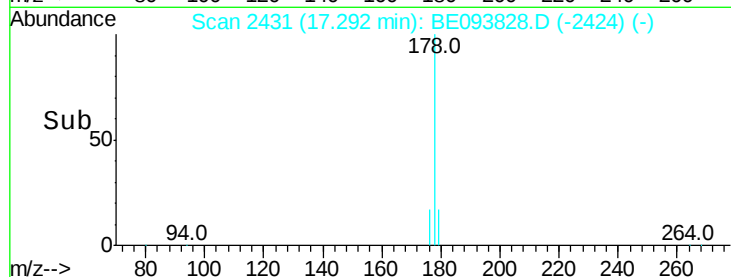
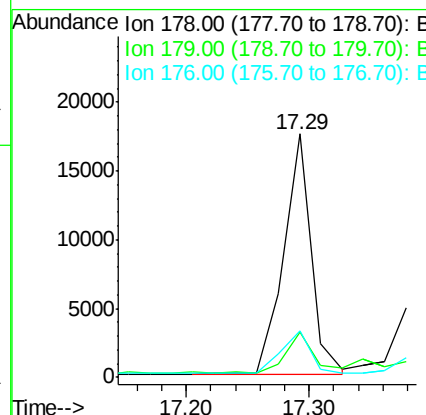
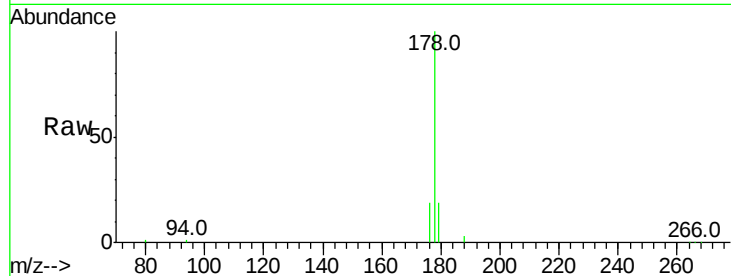




#13
 Anthracene
 Concen: 0.579 ng/ul
 RT: 17.29 min Scan# 2431
 Delta R.T. -0.09 min
 Lab File: BE093828.D
 Acq: 16 Aug 2017 3:50

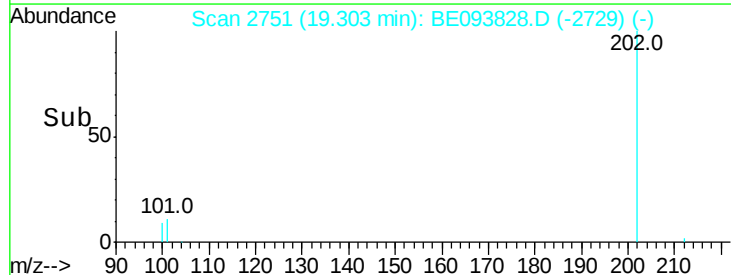
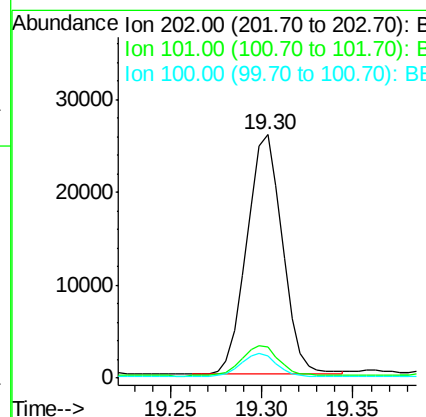
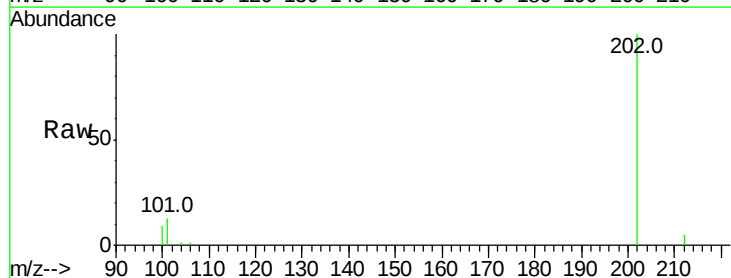
Instrument :
 BNA_E
 ClientSampleId :
 C0AC6DL

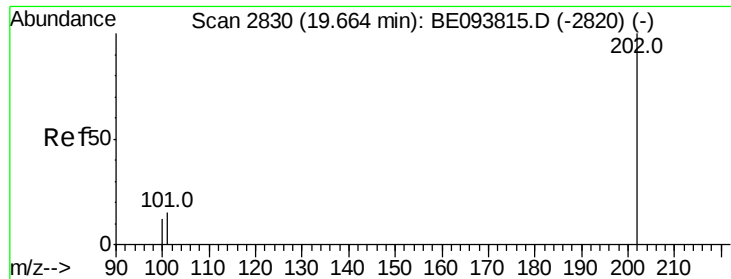
Tot Ion:178 Resp: 26920
 Ion Ratio Lower Upper
 178 100
 179 18.7 18.1 27.1
 176 19.0 14.7 22.1



#15
 Fluoranthene
 Concen: 0.591 ng/ul
 RT: 19.30 min Scan# 2751
 Delta R.T. -0.00 min
 Lab File: BE093828.D
 Acq: 16 Aug 2017 3:50

Tgt Ion:202 Resp: 35278
 Ion Ratio Lower Upper
 202 100
 101 12.5 0.0 30.3
 100 9.2 0.0 39.5





#17

Pvrene

Concen: 0.806 ng/ul

RT: 19.66 min Scan# 2830

Delta R.T. -0.00 min

Lab File: BE093828.D

Acq: 16 Aug 2017 3:50

Instrument :

BNA_E

ClientSampleId :

C0AC6DL

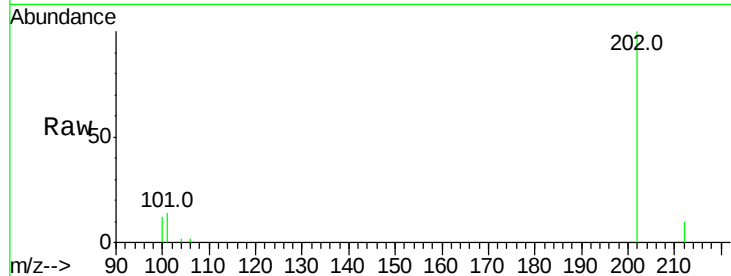
Tot Ion:202 Resp: 42761

Ion Ratio Lower Upper

202 100

101 14.0 18.2 27.4#

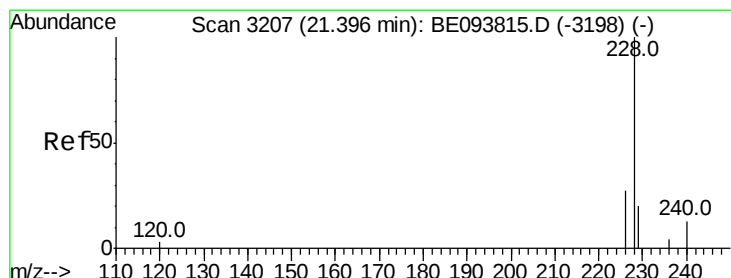
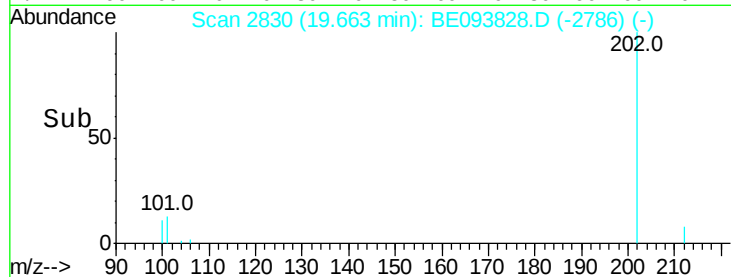
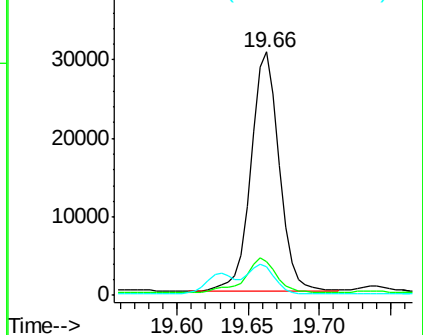
100 11.6 15.6 23.4#



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: 0.320 ng/ul

RT: 21.39 min Scan# 3206

Delta R.T. -0.00 min

Lab File: BE093828.D

Acq: 16 Aug 2017 3:50

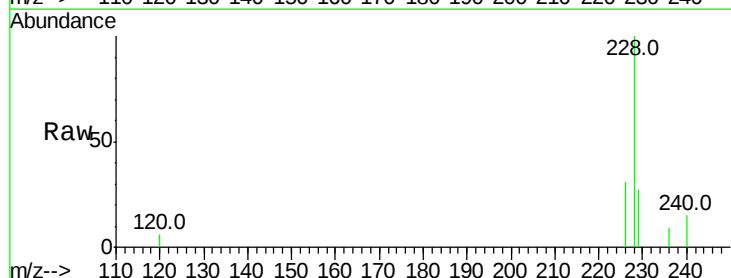
Tgt Ion:228 Resp: 16875

Ion Ratio Lower Upper

228 100

229 26.8 22.8 34.2

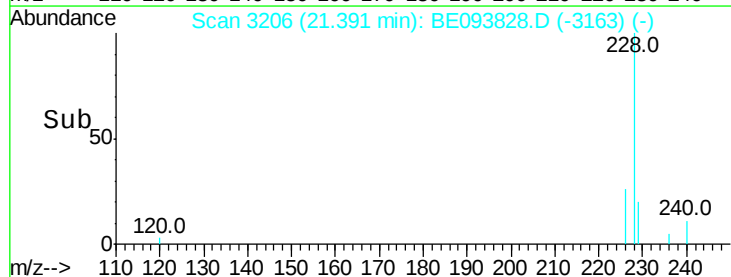
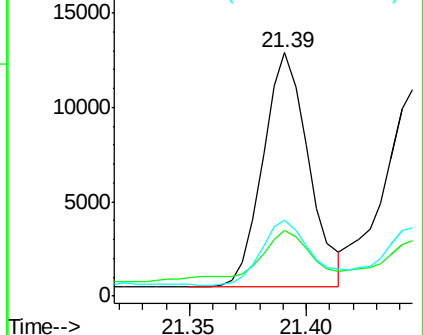
226 31.3 17.0 25.6#

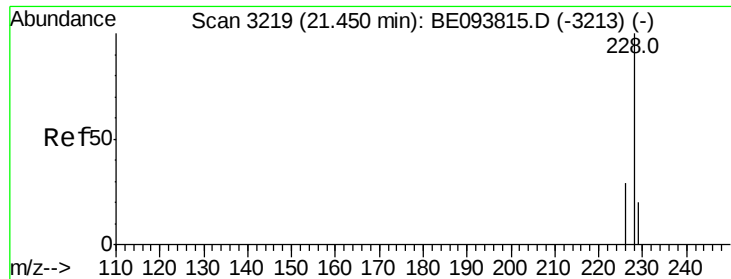


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.326 ng/ul

RT: 21.45 min Scan# 3218

Delta R.T. -0.00 min

Lab File: BE093828.D

Acq: 16 Aug 2017 3:50

Instrument :

BNA_E

ClientSampleId :

C0AC6DL

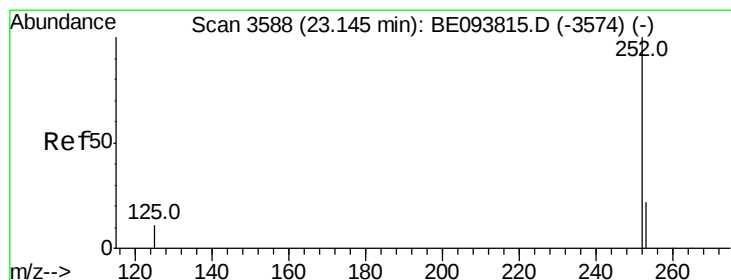
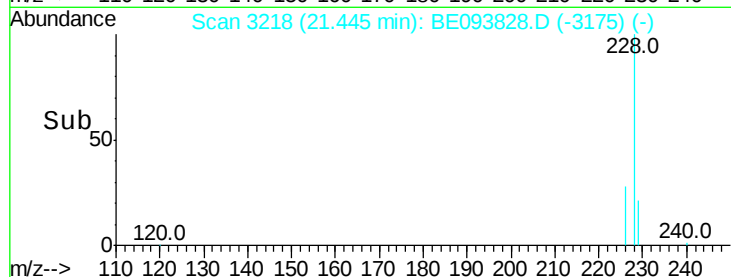
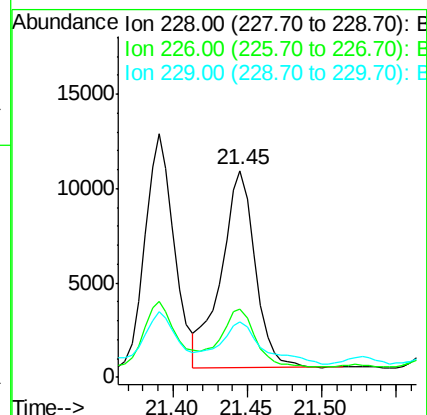
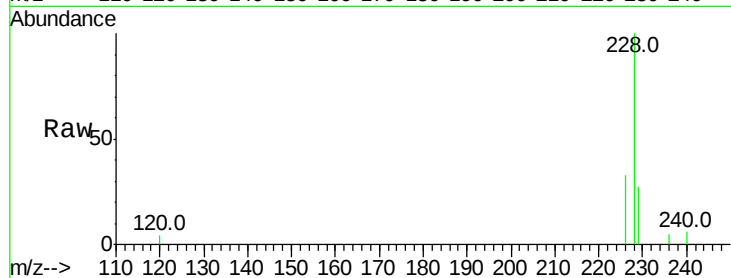
Tot Ion:228 Resp: 16479

Ion Ratio Lower Upper

228 100

226 33.2 23.4 35.0

229 26.6 17.7 26.5#



#21

Benzo(b)fluoranthene

Concen: 0.401 ng/ul

RT: 23.14 min Scan# 3588

Delta R.T. -0.00 min

Lab File: BE093828.D

Acq: 16 Aug 2017 3:50

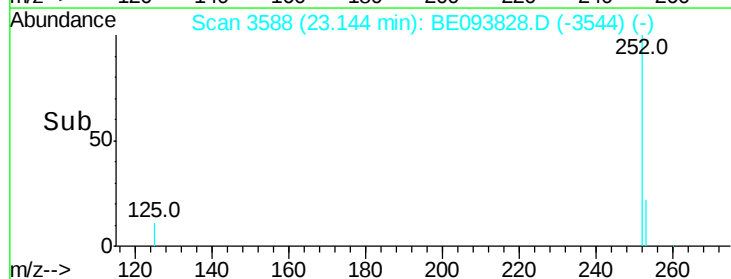
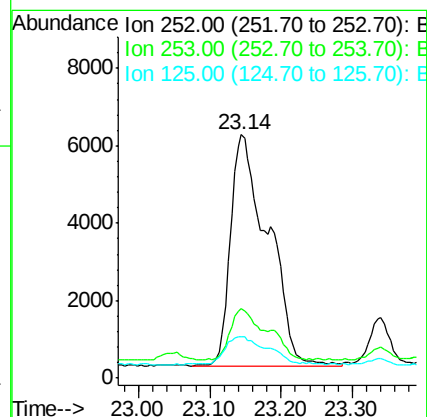
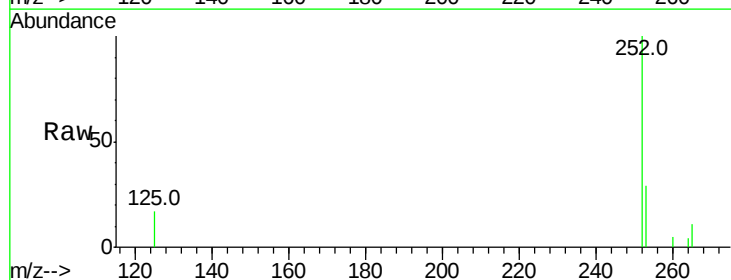
Tgt Ion:252 Resp: 21901

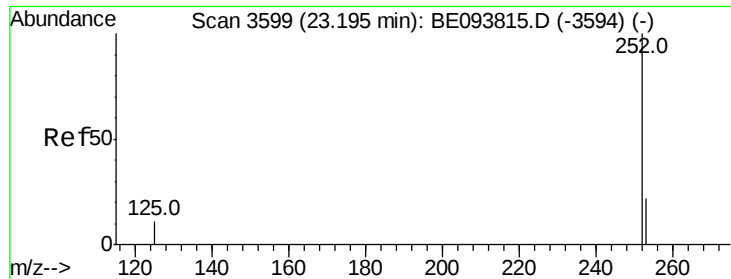
Ion Ratio Lower Upper

252 100

253 28.7 0.0 64.2

125 16.8 0.0 35.0





#22

Benzo(k)fluoranthene

Concen: 0.407 ng/ul

RT: 23.14 min Scan# 3588

Delta R.T. -0.05 min

Lab File: BE093828.D

Acq: 16 Aug 2017 3:50

Instrument :

BNA_E

ClientSampleId :

C0AC6DL

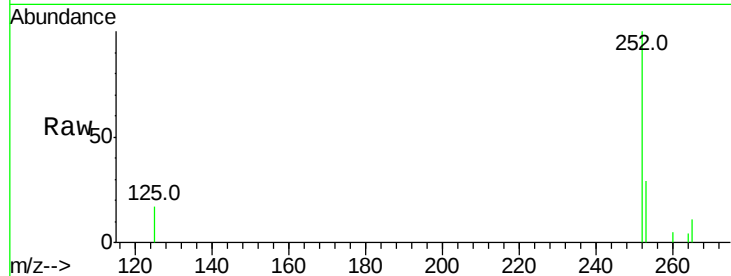
Tot Ion:252 Resp: 21901

Ion Ratio Lower Upper

252 100

253 28.7 24.5 36.7

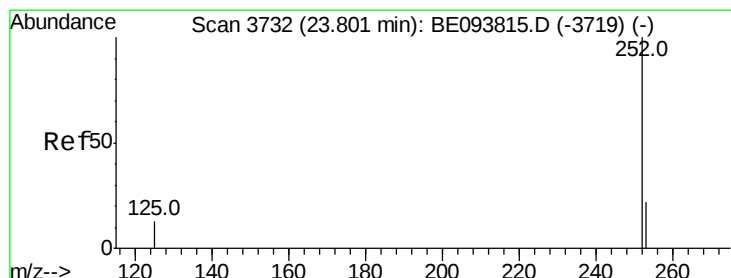
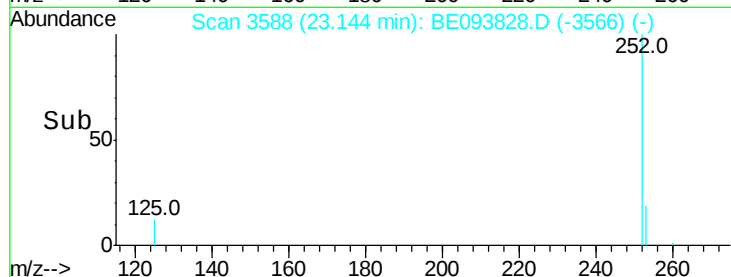
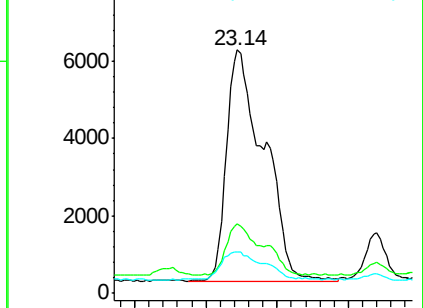
125 16.8 13.7 20.5



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: 0.238 ng/ul

RT: 23.80 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BE093828.D

Acq: 16 Aug 2017 3:50

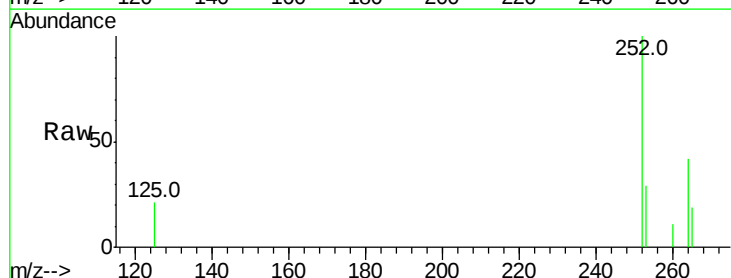
Tgt Ion:252 Resp: 12371

Ion Ratio Lower Upper

252 100

253 28.8 28.5 42.7

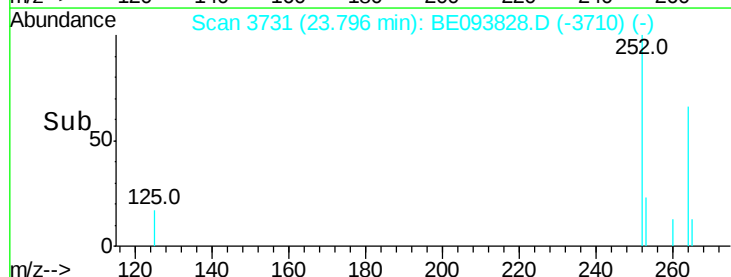
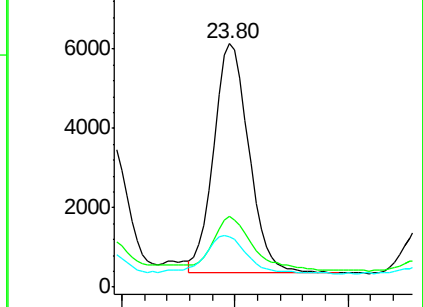
125 20.9 18.1 27.1

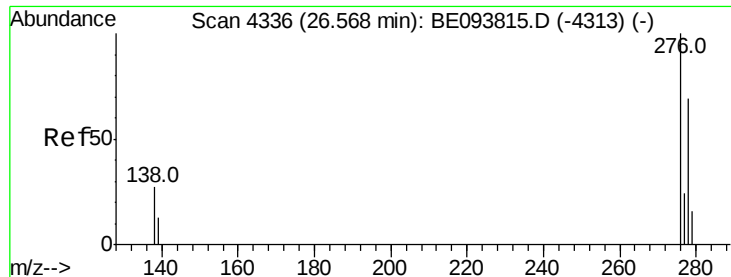


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



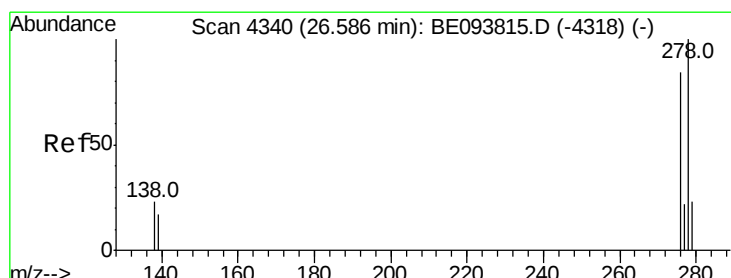
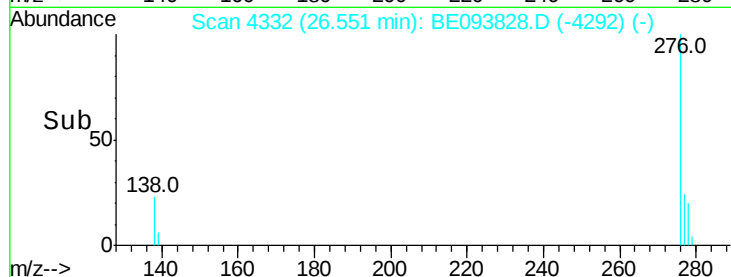
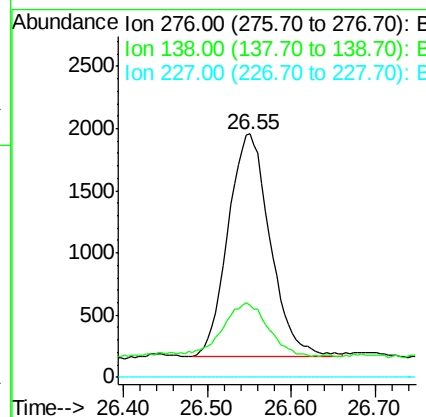
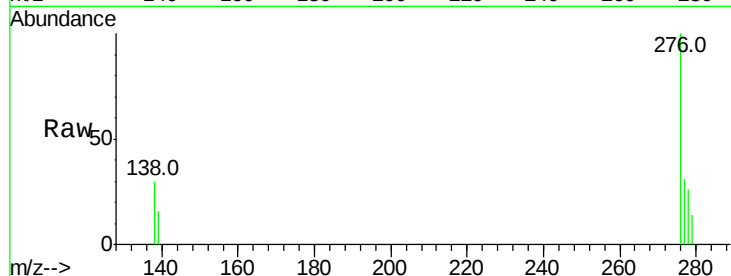


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.109 ng/ul
RT: 26.55 min Scan# 4332
Delta R.T. -0.02 min
Lab File: BE093828.D
Acq: 16 Aug 2017 3:50

Instrument :
BNA_E
ClientSampleId :
C0AC6DL

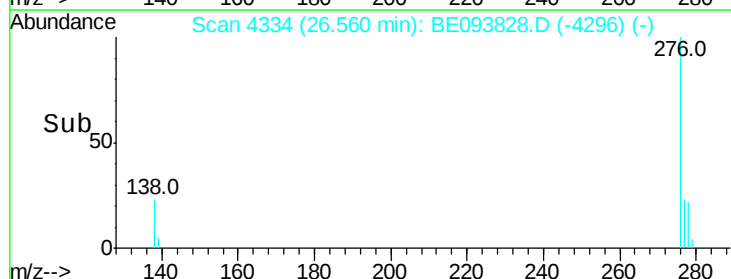
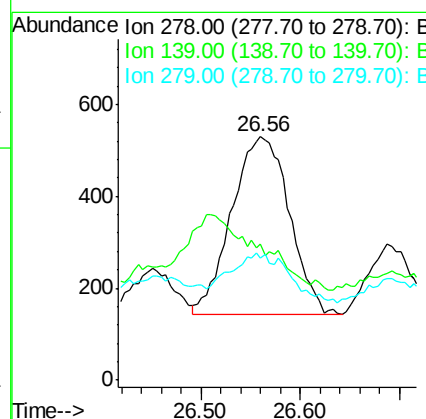
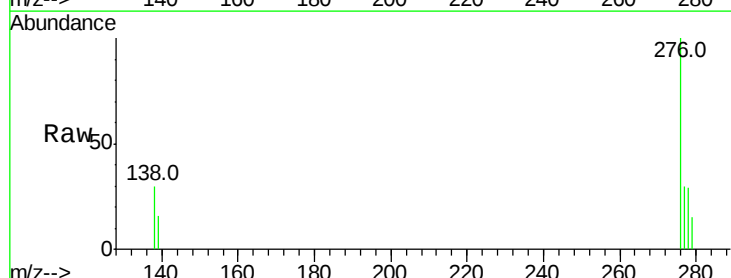
Tot Ion:276 Resp: 6245
Ion Ratio Lower Upper
276 100
138 26.4 28.0 42.0#
227 0.0 8.0 12.0#

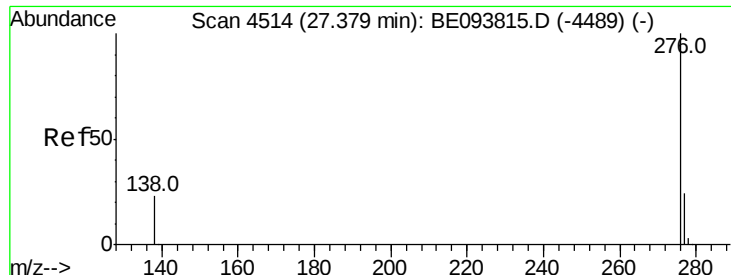


#25

Dibenzo(a,h)anthracene
Concen: 0.033 ng/ul
RT: 26.56 min Scan# 4334
Delta R.T. -0.03 min
Lab File: BE093828.D
Acq: 16 Aug 2017 3:50

Tgt Ion:278 Resp: 1574
Ion Ratio Lower Upper
278 100
139 55.7 17.4 26.0#
279 50.0 25.9 38.9#





#26

Benzo(a,h,i)perylene

Concen: 0.111 ng/ul

RT: 27.37 min Scan# 4511

Delta R.T. -0.01 min

Lab File: BE093828.D

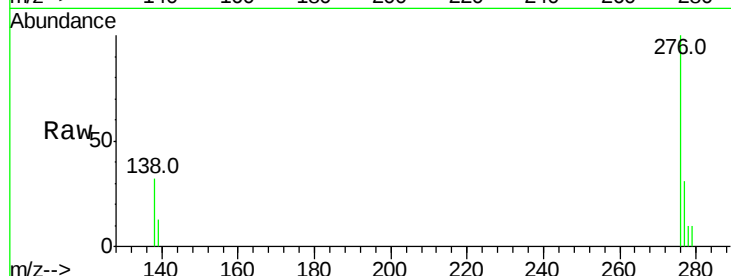
Acq: 16 Aug 2017 3:50

Instrument :

BNA_E

ClientSampleId :

C0AC6DL



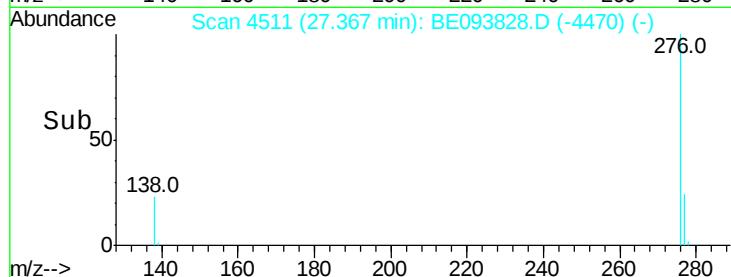
Tot Ion:276 Resp: 5353

Ion Ratio Lower Upper

276 100

138 31.6 21.8 32.8

277 31.1 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

