

Data File : BE093369.D
Acq On : 24 Jun 2017 19:35
Operator : SJ/JU
Sample : I3627-08DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A47DL

Quant Time: Jun 26 01:58:29 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 26 01:58:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	1542	0.40	ng/ul	0.00
2) Naphthalene-d8	10.51	136	7959	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	4807	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	11607	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	12646	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	12911	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	1776	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	4984	0.16	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.56	128	17030	0.86	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	1181	0.09	ng/ul	99
7) Acenaphthylene	14.08	152	702	0.03	ng/ul#	80
8) Acenaphthene	14.42	153	1108	0.07	ng/ul	96
9) Fluorene	15.42	166	1341	0.07	ng/ul	94
12) Phenanthrene	17.14	178	7177	0.22	ng/ul#	91
13) Anthracene	17.22	178	3630	0.13	ng/ul#	92
15) Fluoranthene	19.15	202	6193	0.16	ng/ul	84
17) Pyrene	19.51	202	6275	0.17	ng/ul#	91
18) Benzo(a)anthracene	21.24	228	1756	0.05	ng/ul#	86
19) Chrysene	21.29	228	1931	0.06	ng/ul#	89
21) Benzo(b)fluoranthene	22.93	252	2605	0.07	ng/ul#	64
22) Benzo(k)fluoranthene	22.93	252	2605	0.06	ng/ul#	61
23) Benzo(a)pyrene	23.55	252	1223	0.03	ng/ul#	70
24) Indeno(1,2,3-cd)pyrene	26.18	276	701	0.02	ng/ul#	76
26) Benzo(g,h,i)perylene	26.95	276	11083	0.30	ng/ul	95

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

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ClientSampleId :

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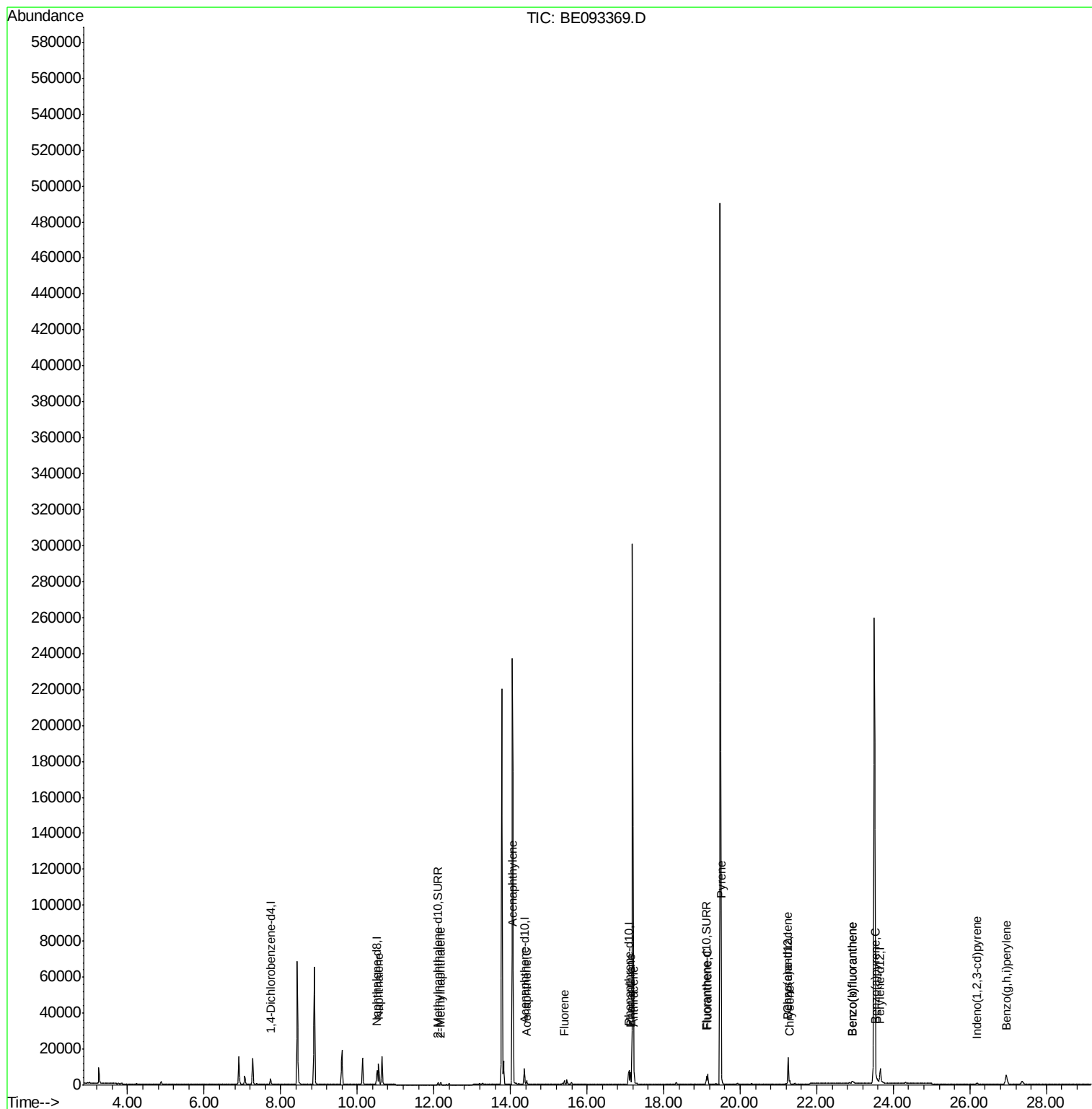
Quant Time: Jun 26 01:58:29 2017

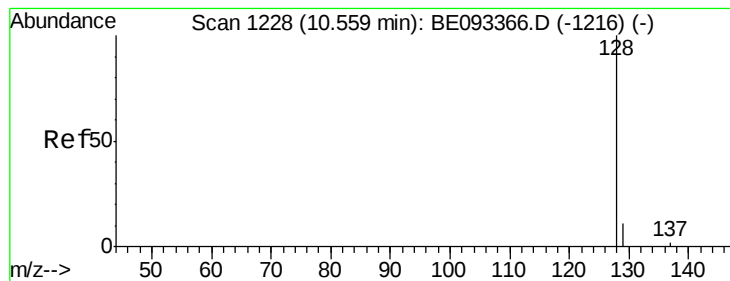
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 26 01:58:03 2017

Response via : Initial Calibration





#3

Naphthalene

Concen: 0.86 ng/ul

RT: 10.56 min Scan# 1228

Delta R.T. -0.00 min

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Acq: 24 Jun 2017 19:35

Instrument :

BNA_E

ClientSampleId :

F5A47DL

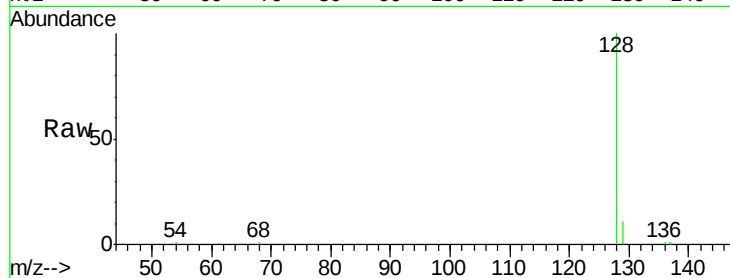
Tgt Ion:128 Resp: 17030

Ion Ratio Lower Upper

128 100

129 11.3 11.3 16.9

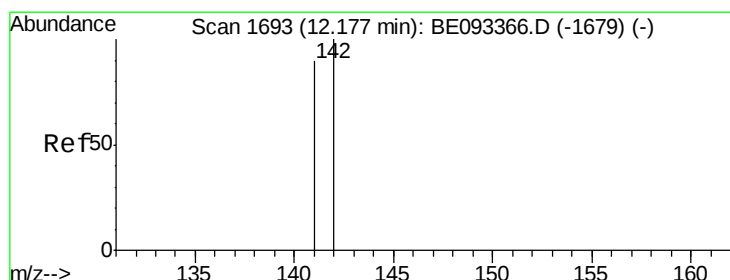
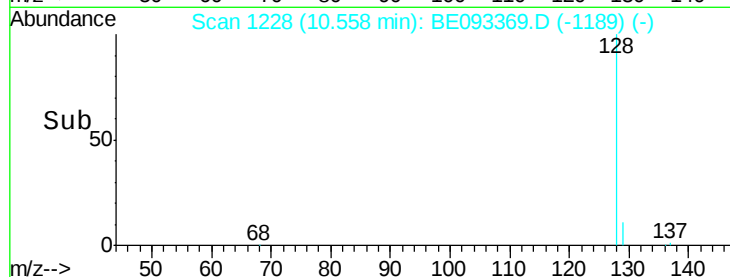
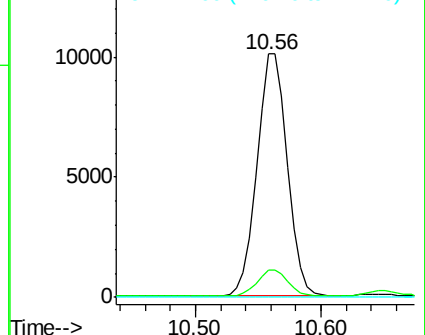
127 0.0 4.0 6.0#



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: 0.09 ng/ul

RT: 12.18 min Scan# 1693

Delta R.T. 0.00 min

Lab File: BE093369.D

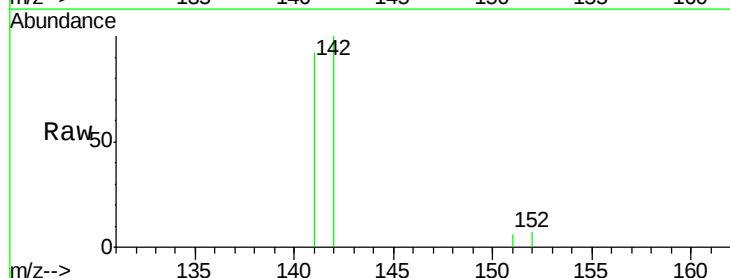
Acq: 24 Jun 2017 19:35

Tgt Ion:142 Resp: 1181

Ion Ratio Lower Upper

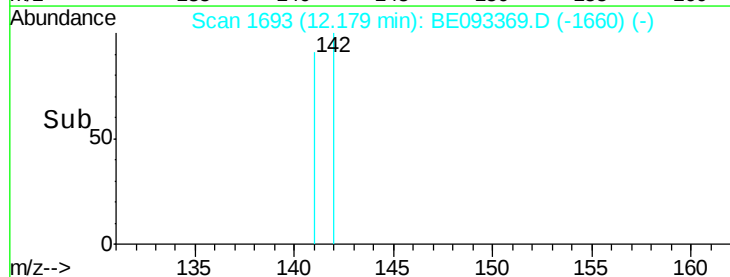
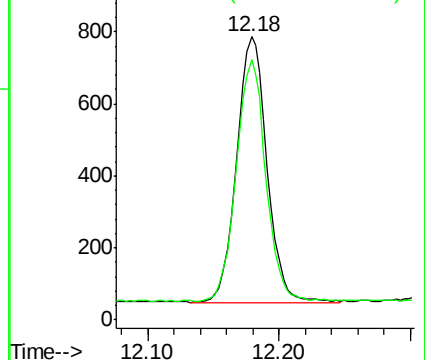
142 100

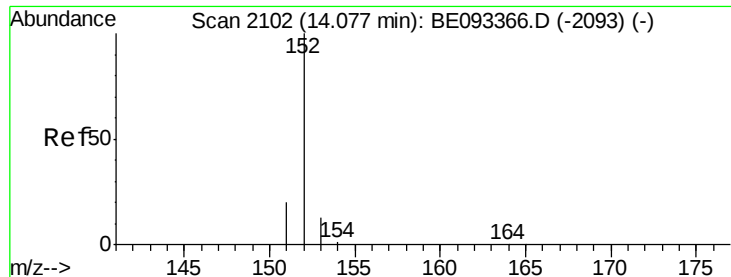
141 89.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.03 ng/ul

RT: 14.08 min Scan# 2101

Delta R.T. -0.00 min

Lab File: BE093369.D

Acq: 24 Jun 2017 19:35

Instrument :

BNA_E

ClientSampled :

F5A47DL

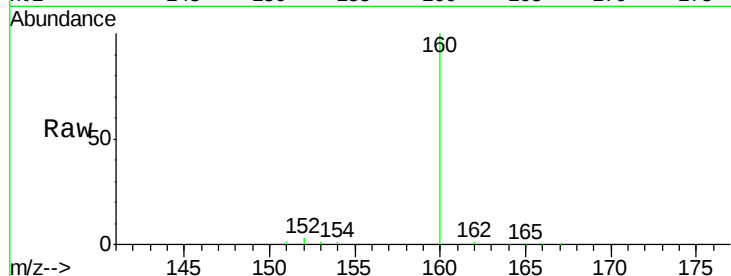
Tgt Ion:152 Resp: 702

Ion Ratio Lower Upper

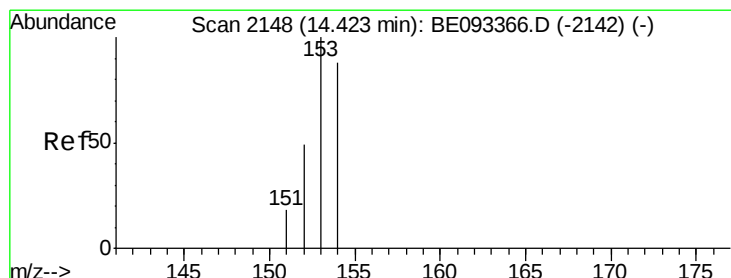
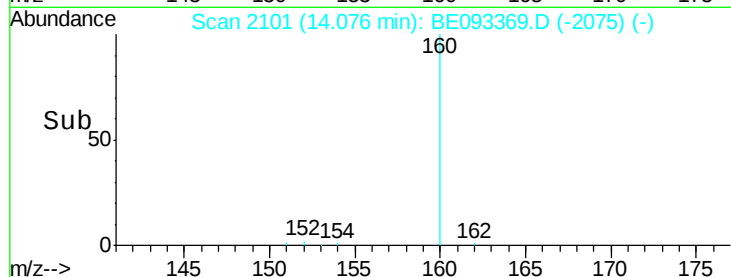
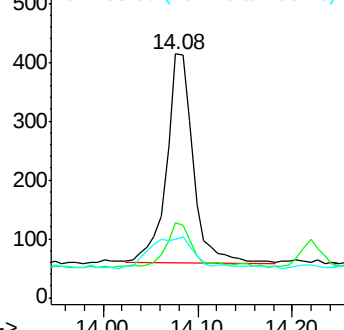
152 100

151 30.9 17.1 25.7#

153 23.9 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: 0.07 ng/ul

RT: 14.42 min Scan# 2147

Delta R.T. -0.00 min

Lab File: BE093369.D

Acq: 24 Jun 2017 19:35

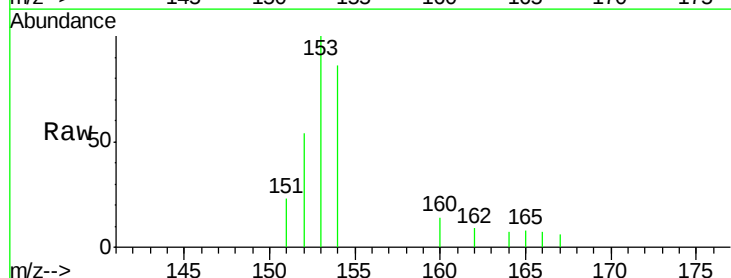
Tgt Ion:153 Resp: 1108

Ion Ratio Lower Upper

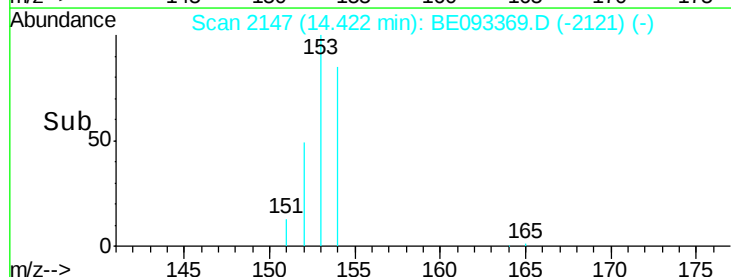
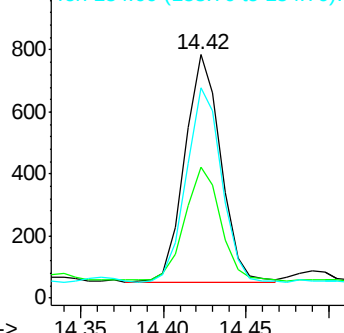
153 100

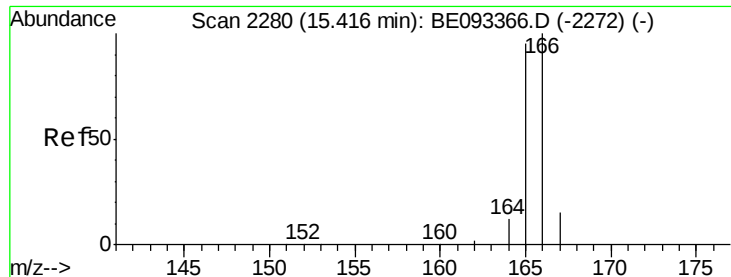
152 54.0 40.3 60.5

154 86.2 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: 0.07 ng/ul

RT: 15.42 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BE093369.D

Acq: 24 Jun 2017 19:35

Instrument :

BNA_E

ClientSampleId :

F5A47DL

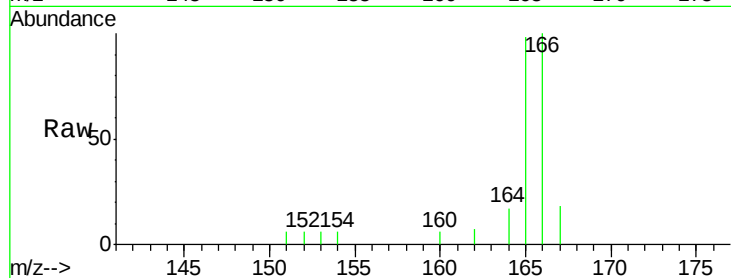
Tgt Ion:166 Resp: 1341

Ion Ratio Lower Upper

166 100

165 98.3 73.4 110.2

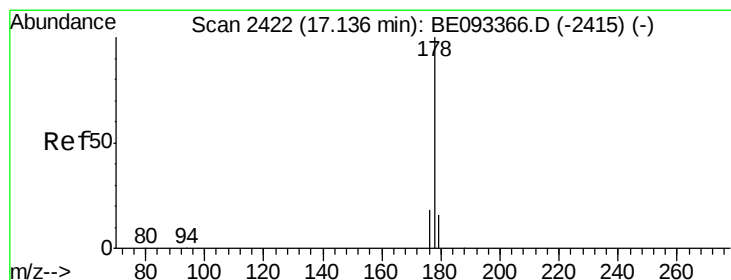
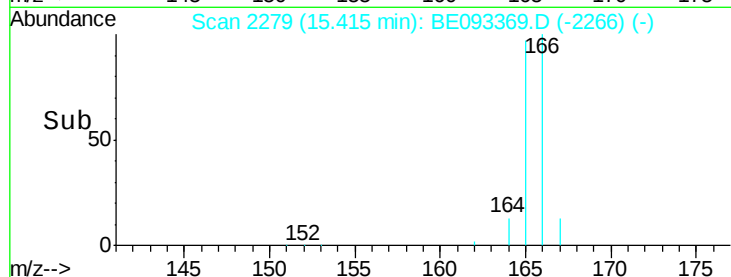
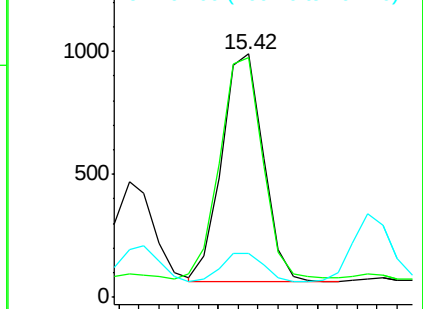
167 18.0 14.6 22.0



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: 0.22 ng/ul

RT: 17.14 min Scan# 2421

Delta R.T. -0.00 min

Lab File: BE093369.D

Acq: 24 Jun 2017 19:35

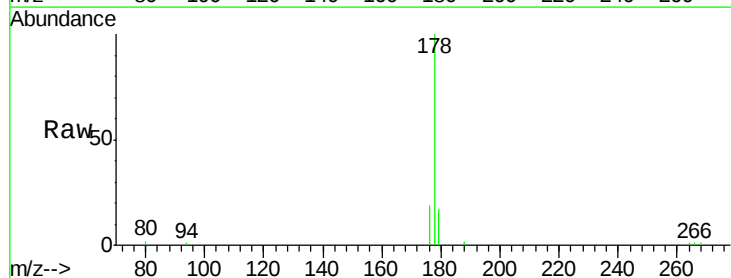
Tgt Ion:178 Resp: 7177

Ion Ratio Lower Upper

178 100

179 17.0 18.4 27.6#

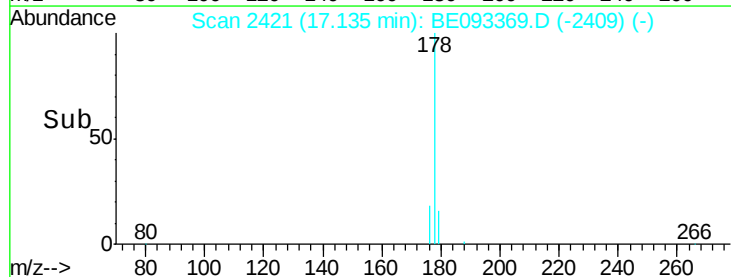
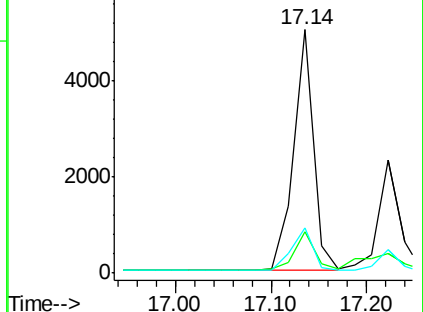
176 18.7 13.6 20.4

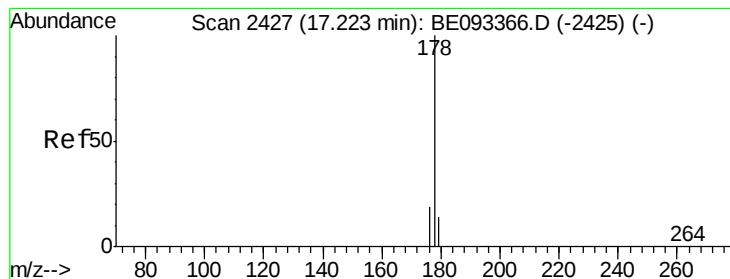


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.13 ng/ul

RT: 17.22 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BE093369.D

Acq: 24 Jun 2017 19:35

Instrument :

BNA_E

ClientSampleId :

F5A47DL

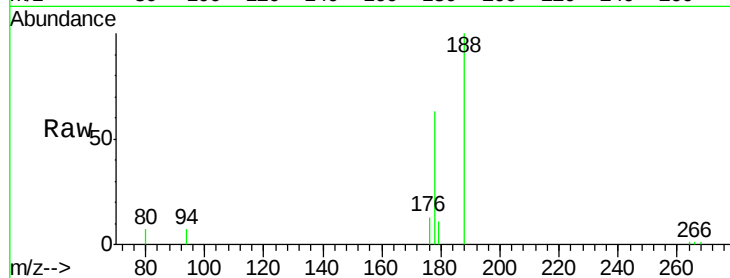
Tgt Ion:178 Resp: 3630

Ion Ratio Lower Upper

178 100

179 17.7 18.1 27.1#

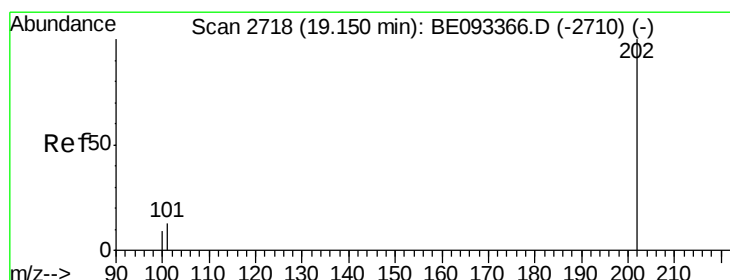
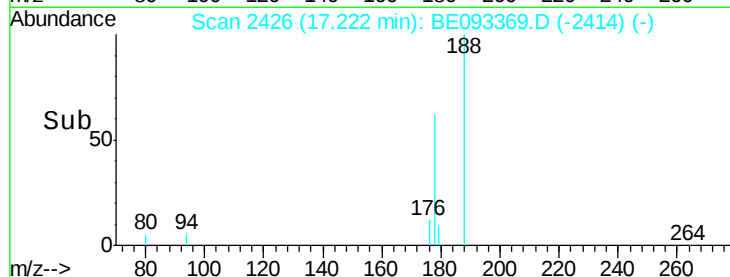
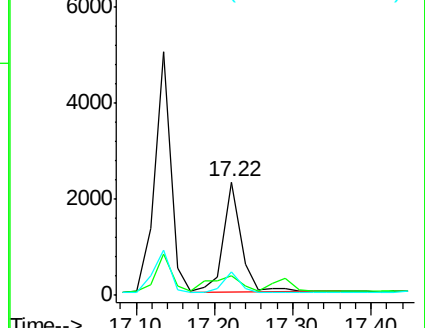
176 20.6 14.7 22.1



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: 0.16 ng/ul

RT: 19.15 min Scan# 2717

Delta R.T. -0.00 min

Lab File: BE093369.D

Acq: 24 Jun 2017 19:35

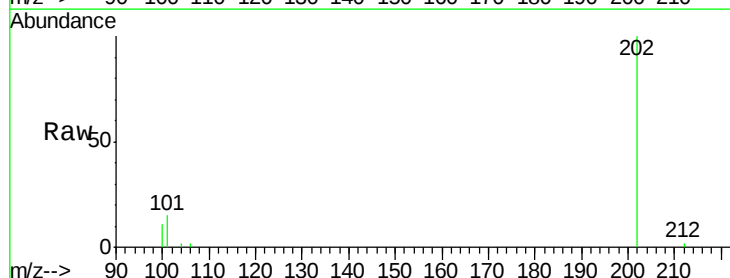
Tgt Ion:202 Resp: 6193

Ion Ratio Lower Upper

202 100

101 14.9 0.0 30.3

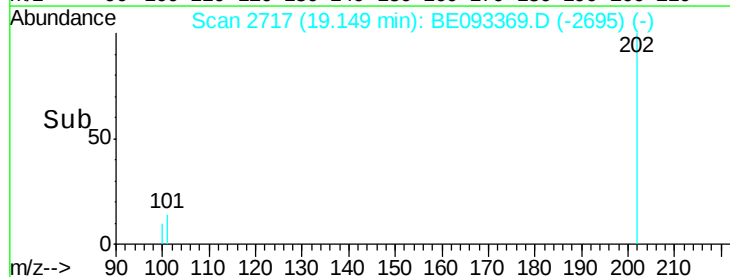
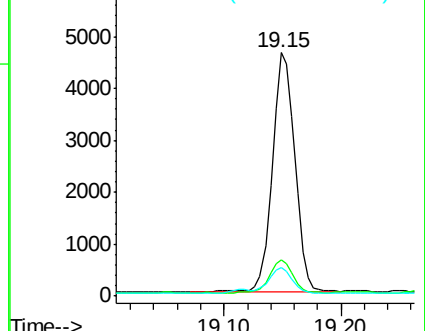
100 11.5 0.0 39.5

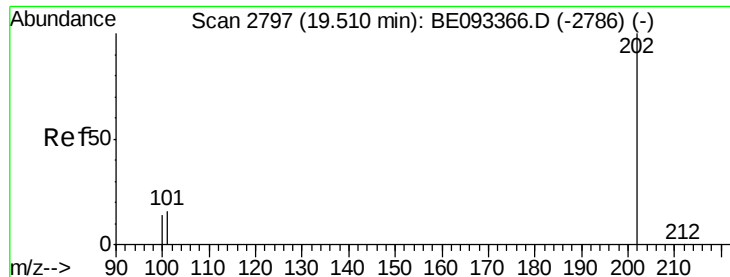


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

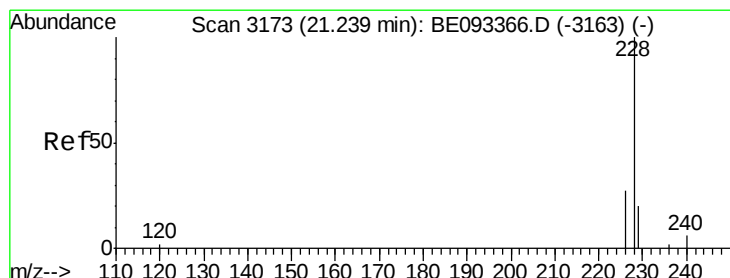
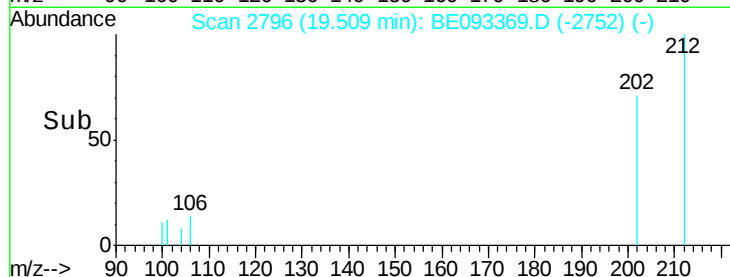
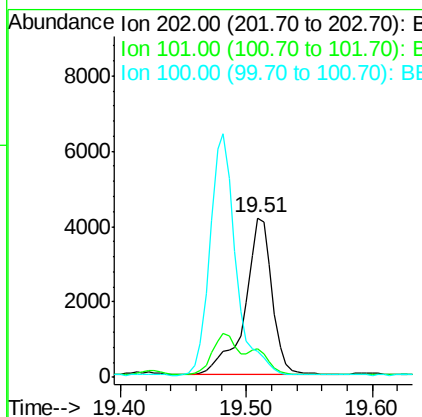
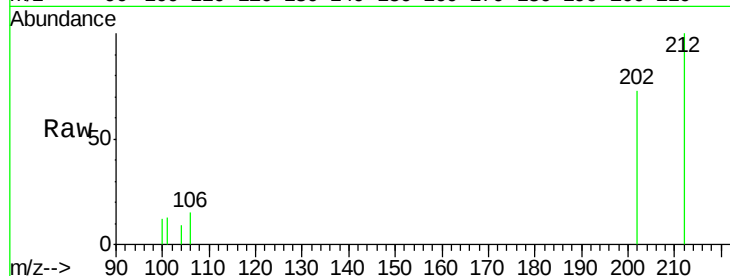




#17
Pyrene
 Concen: 0.17 ng/ul
 RT: 19.51 min Scan# 2796
 Delta R.T. -0.00 min
 Lab File: BE093369.D
 Acq: 24 Jun 2017 19:35

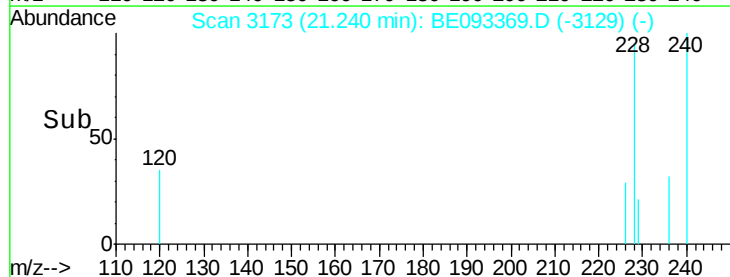
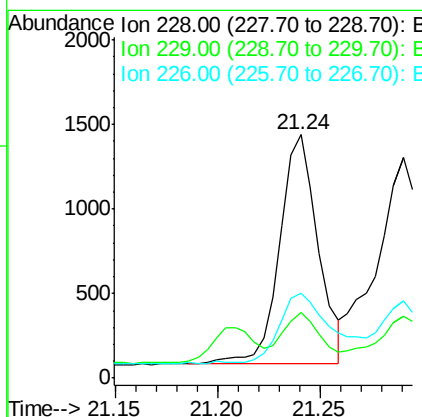
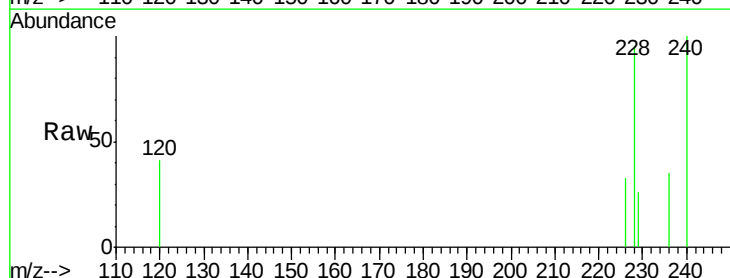
Instrument :
 BNA_E
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 F5A47DL

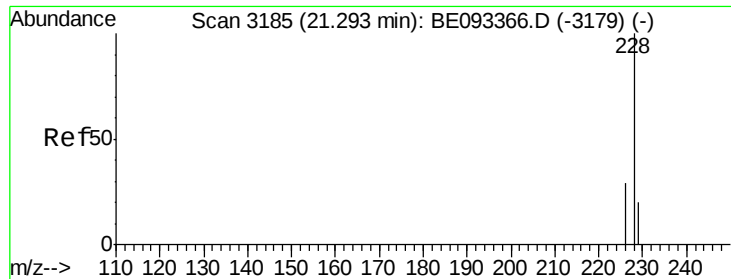
Tgt Ion:202 Resp: 6275
 Ion Ratio Lower Upper
 202 100
 101 17.8 18.2 27.4#
 100 16.1 15.6 23.4



#18
Benzo(a)anthracene
 Concen: 0.05 ng/ul
 RT: 21.24 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: BE093369.D
 Acq: 24 Jun 2017 19:35

Tgt Ion:228 Resp: 1756
 Ion Ratio Lower Upper
 228 100
 229 27.2 22.8 34.2
 226 35.0 17.0 25.6#





#19

Chrysene

Concen: 0.06 ng/ul

RT: 21.29 min Scan# 3184

Delta R.T. -0.00 min

Lab File: BE093369.D

Acq: 24 Jun 2017 19:35

Instrument :

BNA_E

ClientSampleId :

F5A47DL

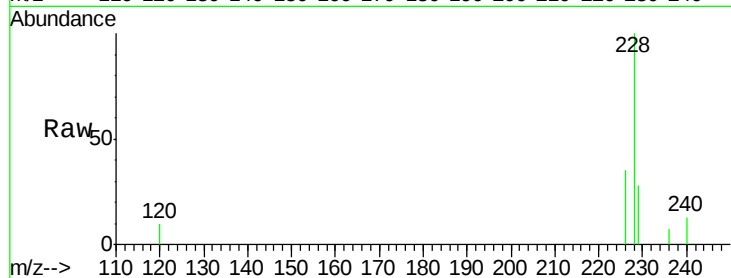
Tgt Ion:228 Resp: 1931

Ion Ratio Lower Upper

228 100

226 34.9 23.4 35.0

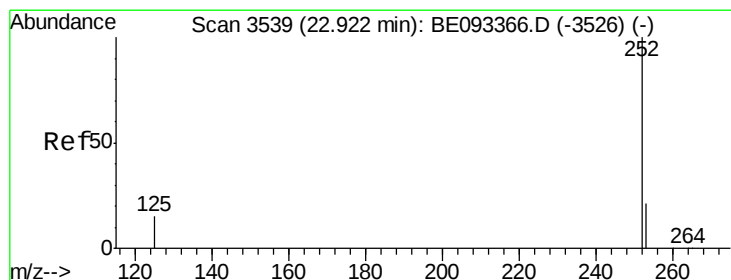
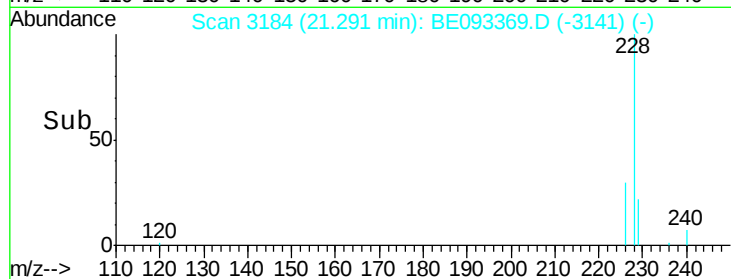
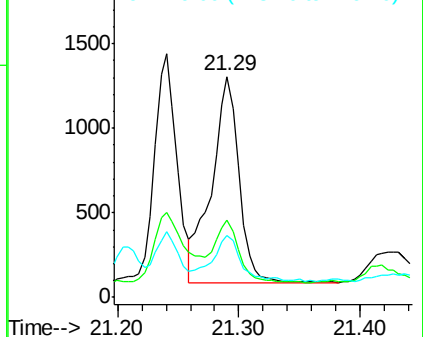
229 28.0 17.7 26.5#



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: 0.07 ng/ul

RT: 22.93 min Scan# 3541

Delta R.T. 0.01 min

Lab File: BE093369.D

Acq: 24 Jun 2017 19:35

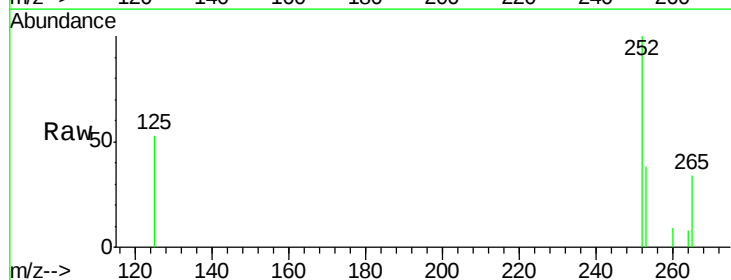
Tgt Ion:252 Resp: 2605

Ion Ratio Lower Upper

252 100

253 38.2 0.0 64.2

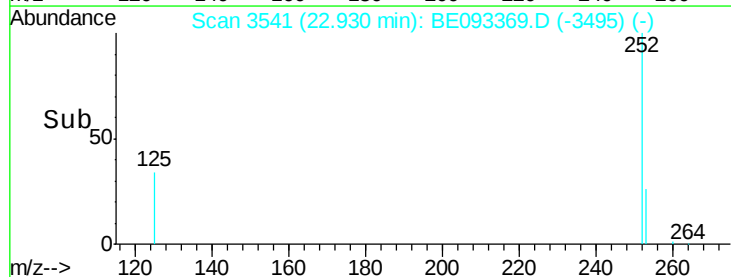
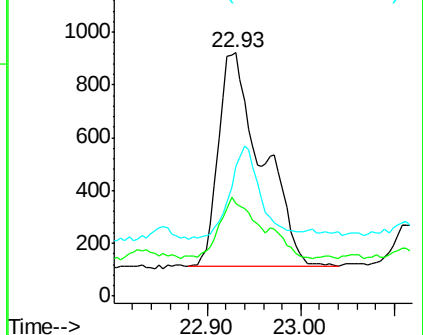
125 53.0 0.0 35.0#

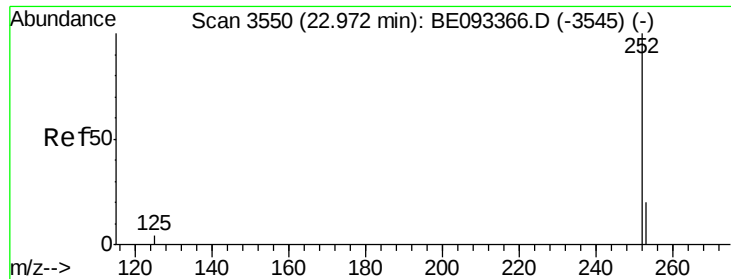


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.06 ng/u1

RT: 22.93 min Scan# 3541

Delta R.T. -0.04 min

Lab File: BE093369.D

Acq: 24 Jun 2017 19:35

Instrument :

BNA_E

ClientSampleId :

F5A47DL

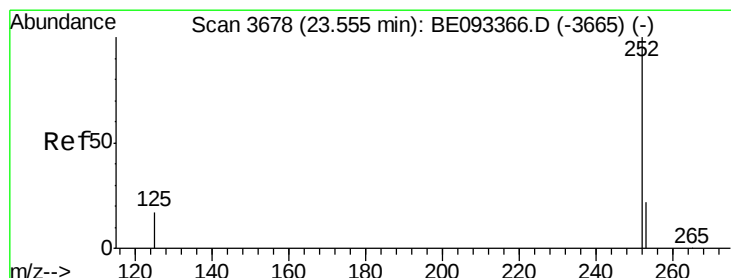
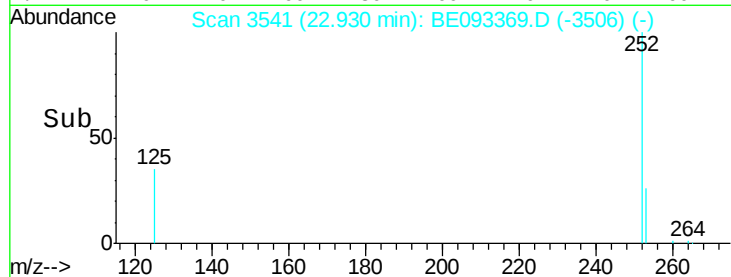
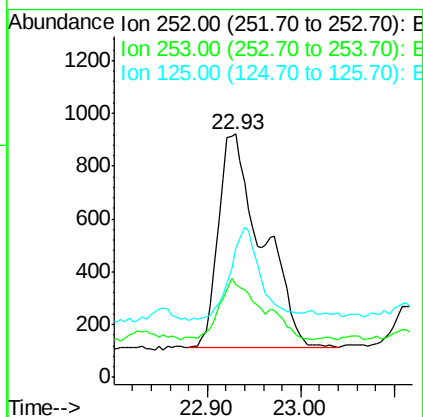
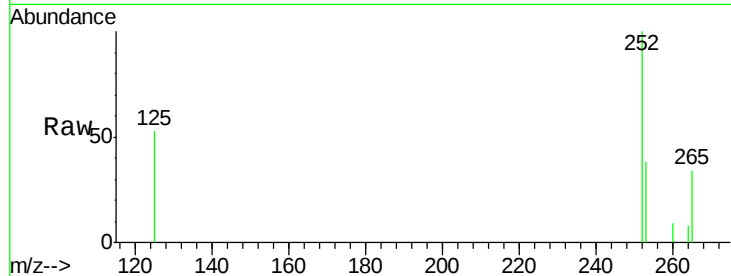
Tgt Ion:252 Resp: 2605

Ion Ratio Lower Upper

252 100

253 38.2 24.5 36.7#

125 53.0 13.7 20.5#



#23

Benzo(a)pyrene

Concen: 0.03 ng/u1

RT: 23.55 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BE093369.D

Acq: 24 Jun 2017 19:35

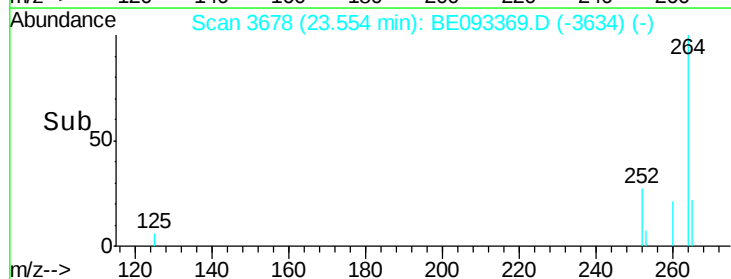
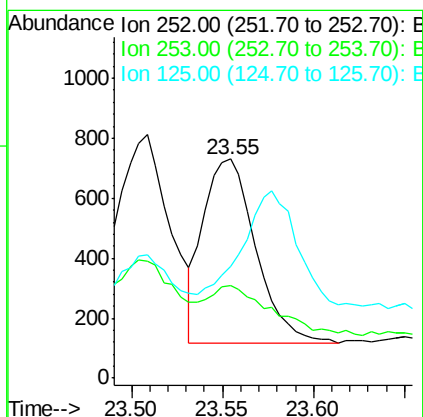
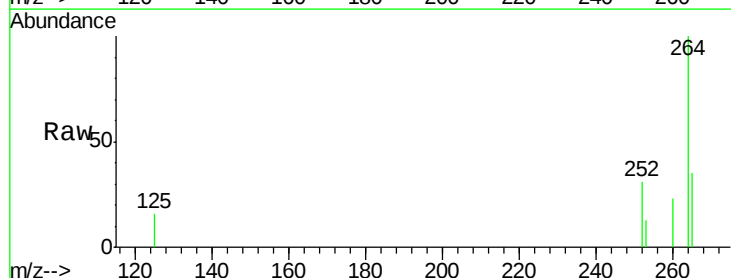
Tgt Ion:252 Resp: 1223

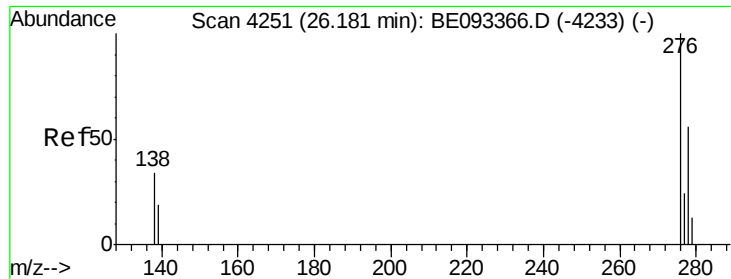
Ion Ratio Lower Upper

252 100

253 42.6 28.5 42.7

125 51.0 18.1 27.1#





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.02 ng/ul

RT: 26.18 min Scan# 4251

Delta R.T. -0.00 min

Lab File: BE093369.D

Acq: 24 Jun 2017 19:35

Instrument :

BNA_E

ClientSampleId :

F5A47DL

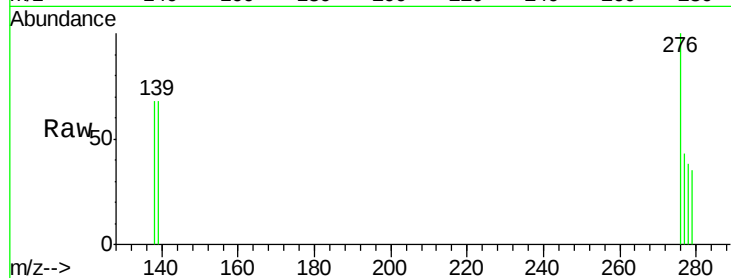
Tgt Ion:276 Resp: 701

Ion Ratio Lower Upper

276 100

138 48.5 28.0 42.0#

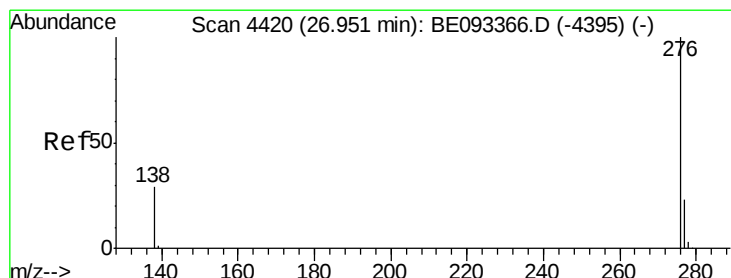
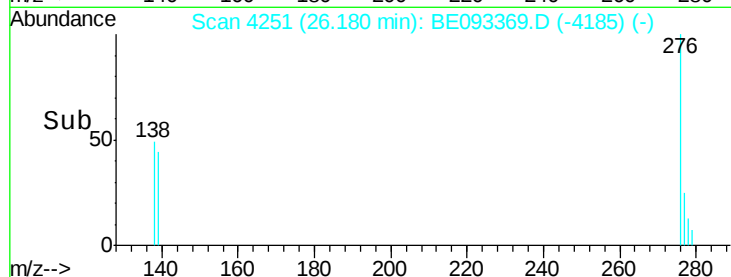
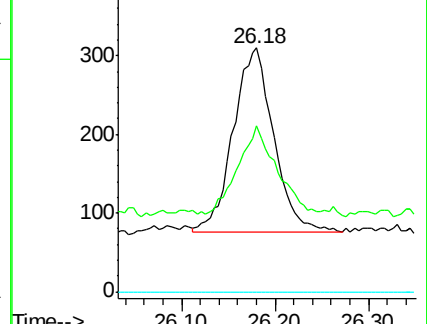
227 0.0 8.0 12.0#



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



#26

Benzo(g,h,i)perylene

Concen: 0.30 ng/ul

RT: 26.95 min Scan# 4421

Delta R.T. 0.00 min

Lab File: BE093369.D

Acq: 24 Jun 2017 19:35

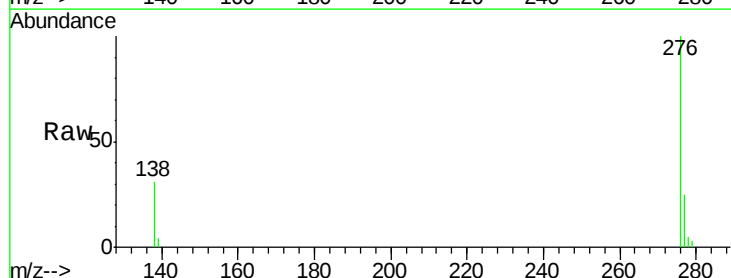
Tgt Ion:276 Resp: 11083

Ion Ratio Lower Upper

276 100

138 31.2 21.8 32.8

277 24.7 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

