

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093855.D
 Acq On : 17 Aug 2017 00:22
 Operator : SJ/JU
 Sample : I4672-09DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AH9DL

Quant Time: Aug 17 03:07:36 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 02:52:40 2017
 Response via : Initial Calibration

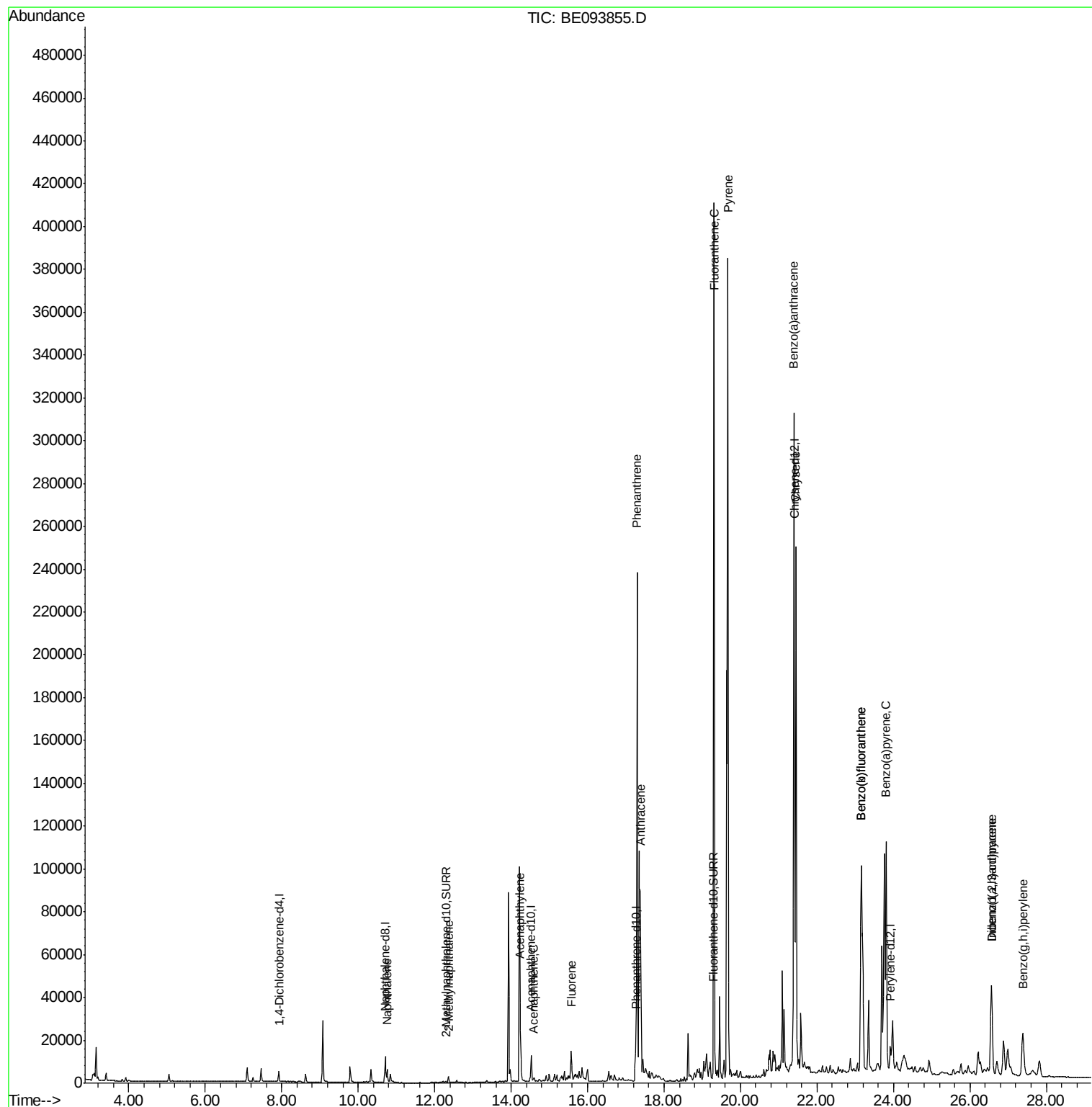
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2645	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	13352	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	7428	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	16492	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	18169	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	15780	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	880	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	2042	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	9220	0.284	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	2609	0.110	ng/ul	98
7) Acenaphthylene	14.24	152	21438	0.690	ng/ul	97
8) Acenaphthene	14.59	153	1113	0.046	ng/ul#	91
9) Fluorene	15.57	166	9423	0.305	ng/ul	89
12) Phenanthrene	17.29	178	259449	5.777	ng/ul#	88
13) Anthracene	17.38	178	106282	2.429	ng/ul#	89
15) Fluoranthene	19.31	202	455818	8.115	ng/ul	84
17) Pyrene	19.67	202	417885	7.880	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	289467	5.495	ng/ul#	86
19) Chrysene	21.45	228	239312	4.736	ng/ul	98
21) Benzo(b)fluoranthene	23.15	252	280547	5.747	ng/ul	86
22) Benzo(k)fluoranthene	23.15	252	280547	5.828	ng/ul#	88
23) Benzo(a)pyrene	23.81	252	167384	3.605	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.56	276	68543	1.337	ng/ul#	82
25) Dibenzo(a,h)anthracene	26.57	278	25147	0.587	ng/ul	95
26) Benzo(a,h,i)perylene	27.39	276	51489	1.192	ng/ul	99

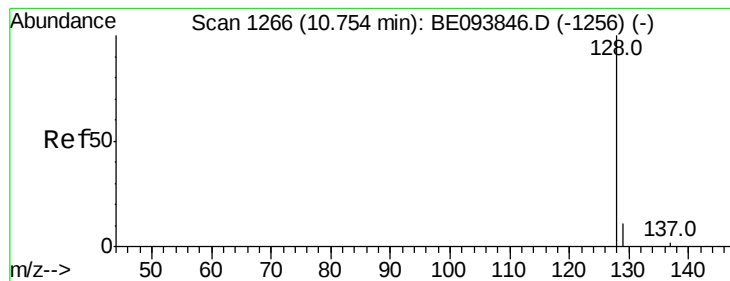
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.284 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE093855.D

Acq: 17 Aug 2017 00:22

Instrument :

BNA_E

ClientSampleId :

C0AH9DL

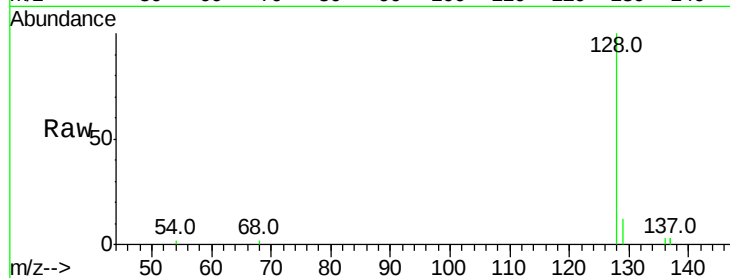
Tot Ion:128 Resp: 9220

Ion Ratio Lower Upper

128 100

129 11.8 11.3 16.9

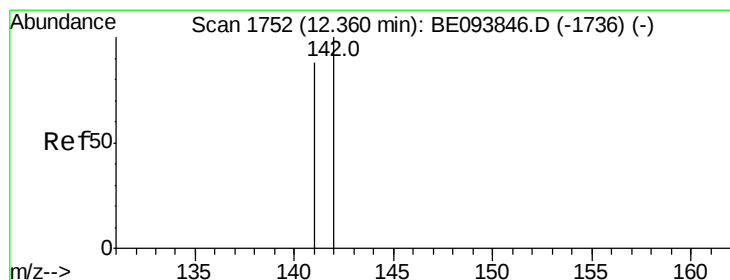
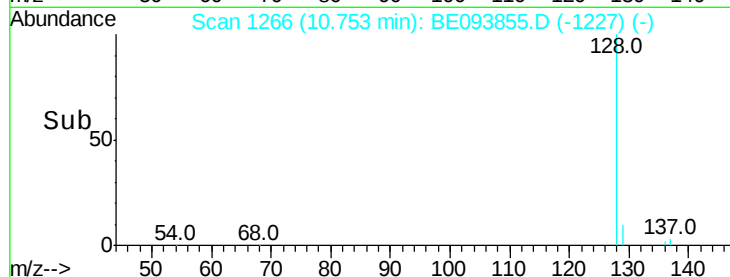
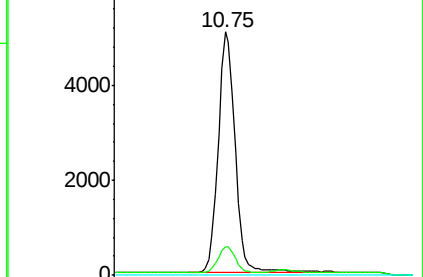
127 0.0 4.0 6.0#



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: 0.110 ng/ul

RT: 12.36 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BE093855.D

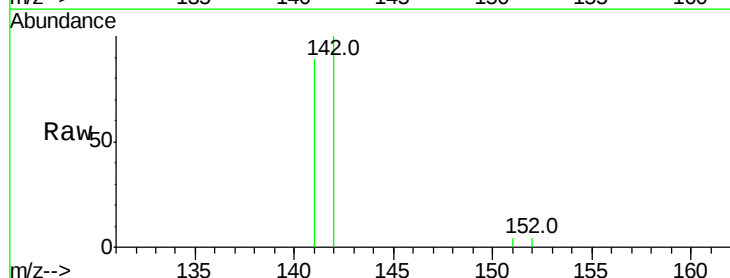
Acq: 17 Aug 2017 00:22

Tgt Ion:142 Resp: 2609

Ion Ratio Lower Upper

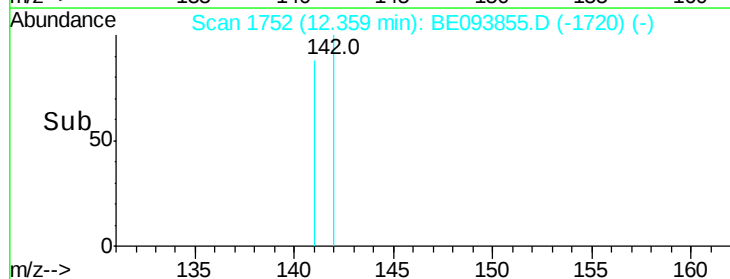
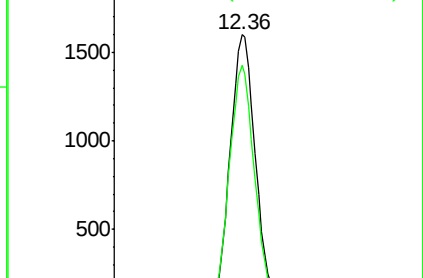
142 100

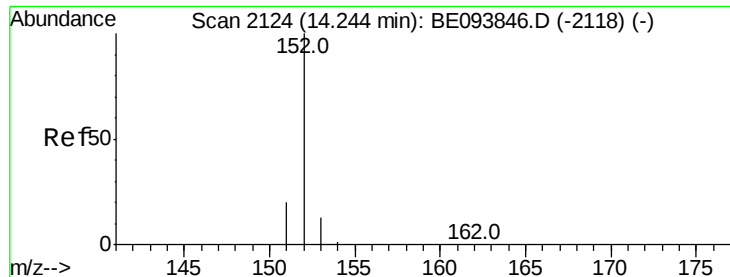
141 89.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.690 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BE093855.D

Acq: 17 Aug 2017 00:22

Instrument :

BNA_E

ClientSampleId :

C0AH9DL

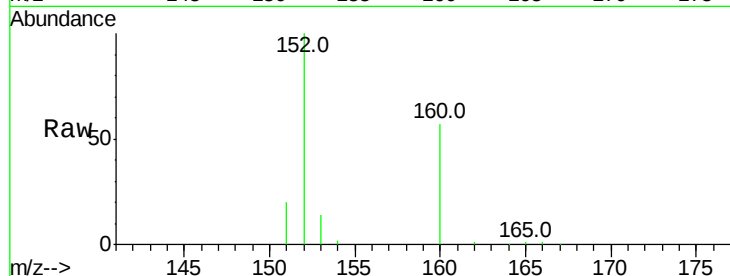
Tot Ion:152 Resp: 21438

Ion Ratio Lower Upper

152 100

151 20.4 17.1 25.7

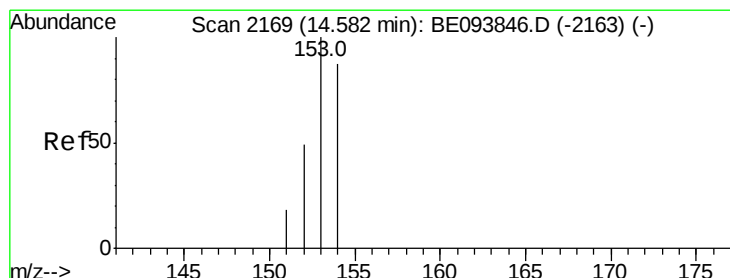
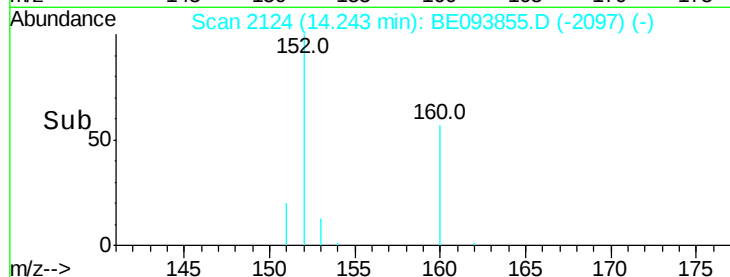
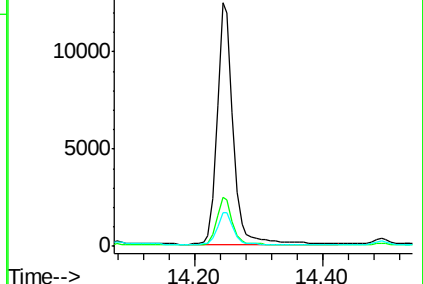
153 13.9 12.8 19.2



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: 0.046 ng/ul

RT: 14.59 min Scan# 2170

Delta R.T. 0.01 min

Lab File: BE093855.D

Acq: 17 Aug 2017 00:22

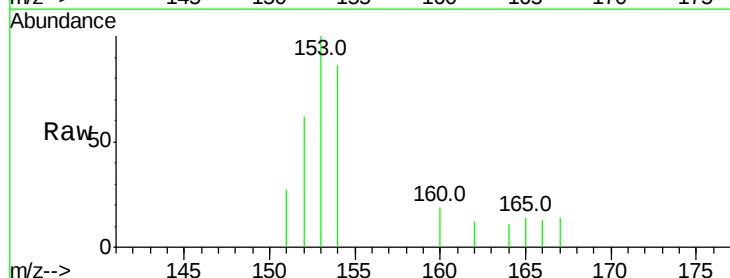
Tgt Ion:153 Resp: 1113

Ion Ratio Lower Upper

153 100

152 62.0 40.3 60.5#

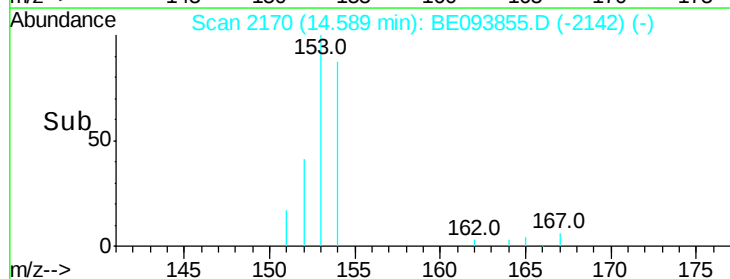
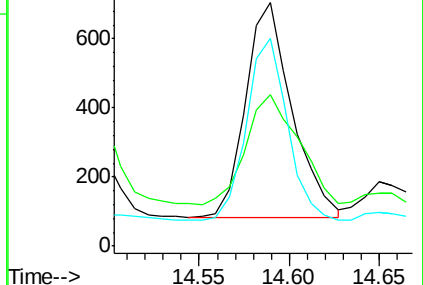
154 85.5 71.4 107.2

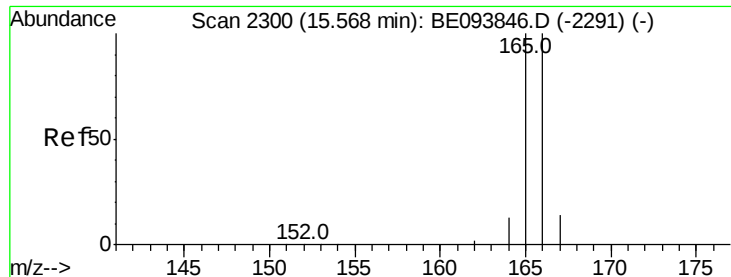


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.305 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.00 min

Lab File: BE093855.D

Acq: 17 Aug 2017 00:22

Instrument :

BNA_E

ClientSampleId :

C0AH9DL

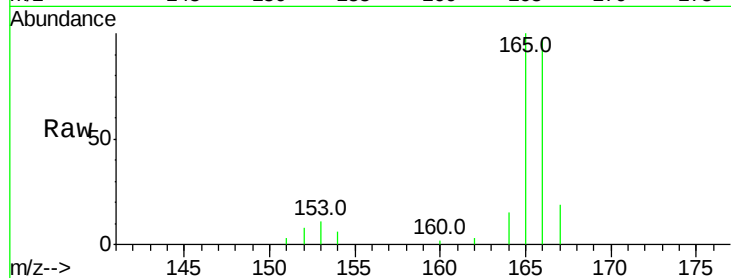
Tot Ion:166 Resp: 9423

Ion Ratio Lower Upper

166 100

165 103.3 73.4 110.2

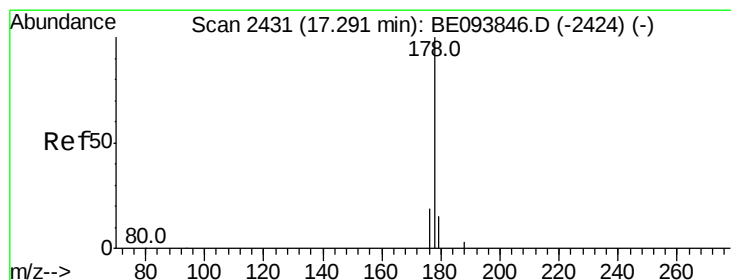
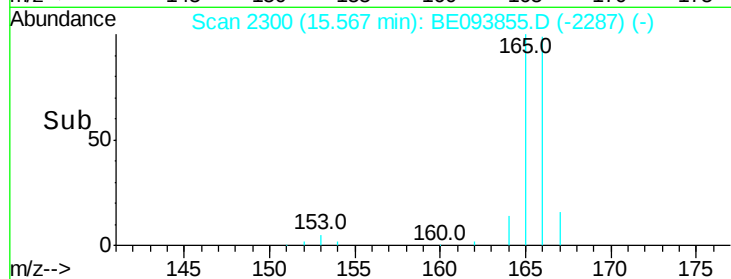
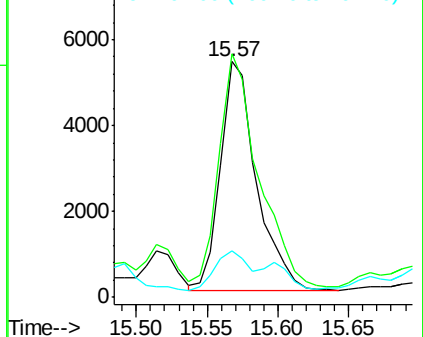
167 19.7 14.6 22.0



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: 5.777 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BE093855.D

Acq: 17 Aug 2017 00:22

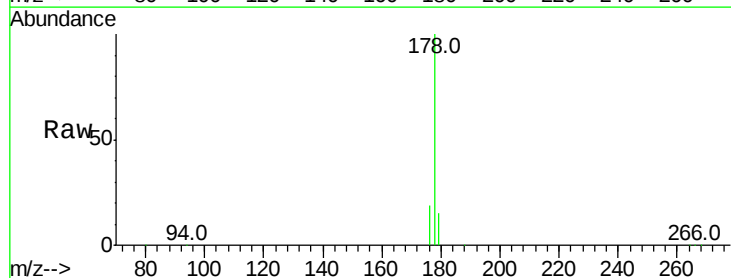
Tgt Ion:178 Resp: 259449

Ion Ratio Lower Upper

178 100

179 15.0 18.4 27.6#

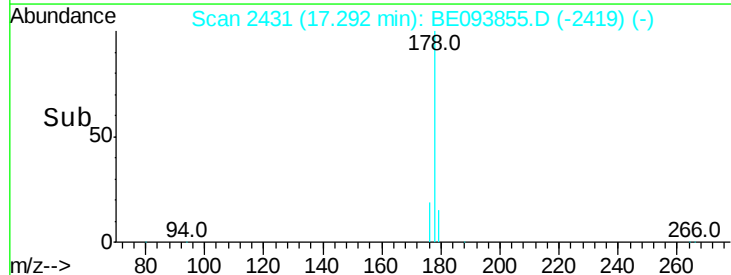
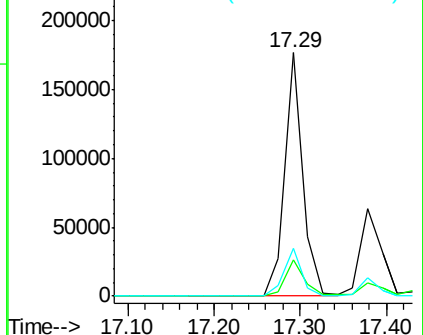
176 19.4 13.6 20.4

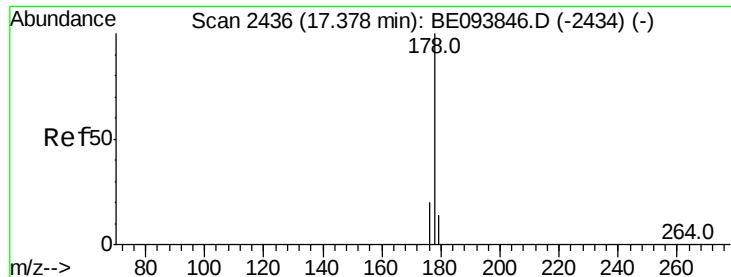


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 2.429 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. 0.00 min

Lab File: BE093855.D

Acq: 17 Aug 2017 00:22

Instrument :

BNA_E

ClientSampleId :

C0AH9DL

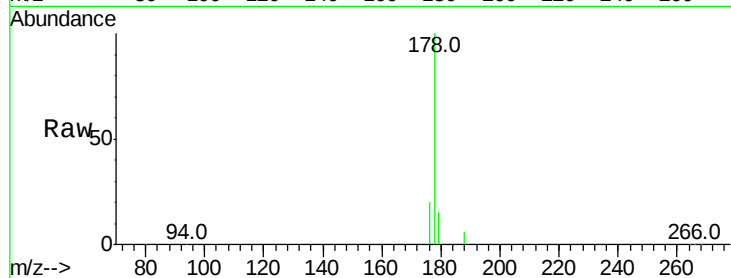
Tot Ion:178 Resp: 106282

Ion Ratio Lower Upper

178 100

179 14.5 18.1 27.1#

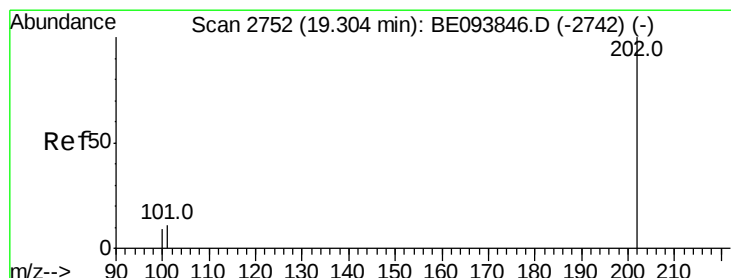
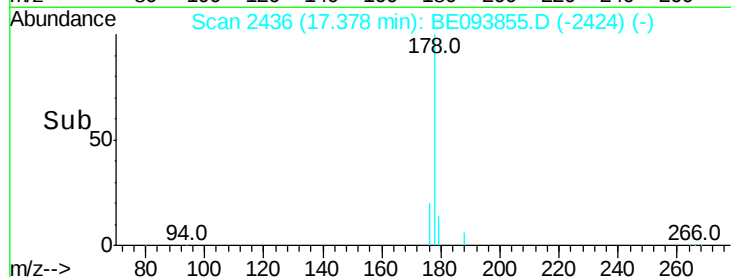
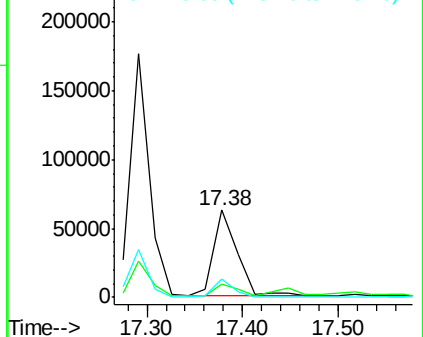
176 20.3 14.7 22.1



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: 8.115 ng/ul

RT: 19.31 min Scan# 2752

Delta R.T. 0.00 min

Lab File: BE093855.D

Acq: 17 Aug 2017 00:22

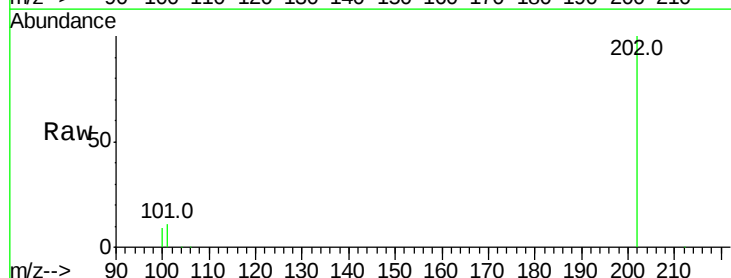
Tgt Ion:202 Resp: 455818

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.3

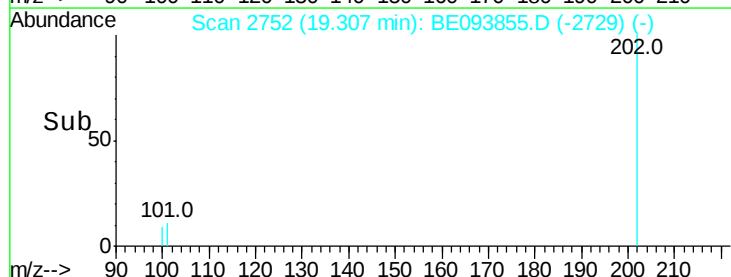
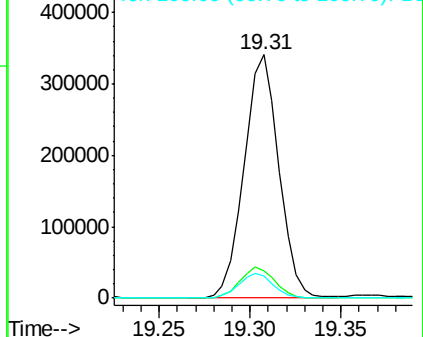
100 8.9 0.0 39.5

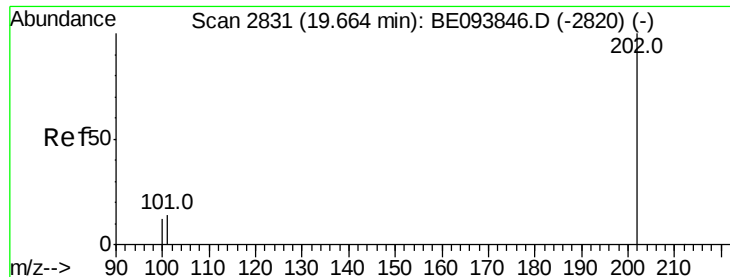


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#17

Pvrene

Concen: 7.880 ng/ul

RT: 19.67 min Scan# 2831

Delta R.T. 0.00 min

Lab File: BE093855.D

Acq: 17 Aug 2017 00:22

Instrument :

BNA_E

ClientSampleId :

C0AH9DL

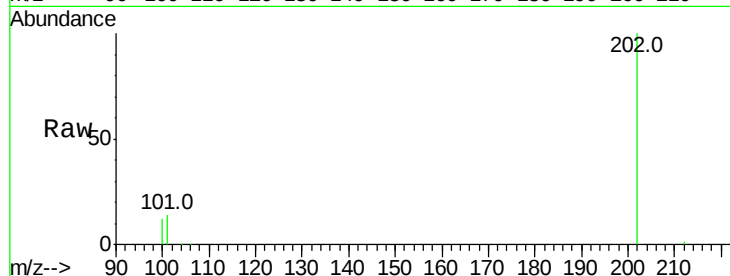
Tot Ion:202 Resp: 417885

Ion Ratio Lower Upper

202 100

101 14.0 18.2 27.4#

100 11.9 15.6 23.4#

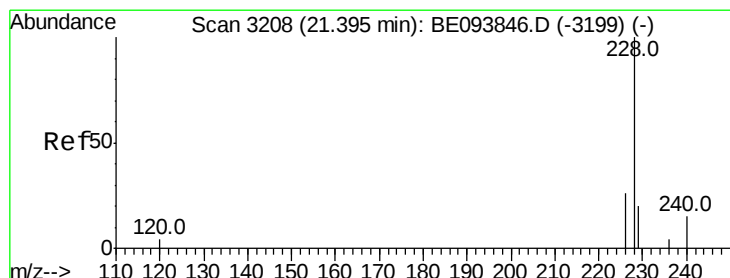
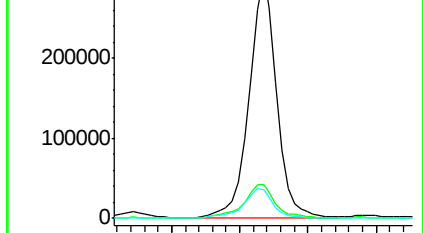
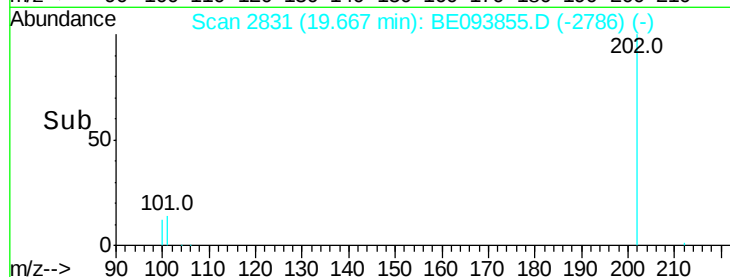


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time--> 19.60 19.65 19.70 19.75



#18

Benzo(a)anthracene

Concen: 5.495 ng/ul

RT: 21.39 min Scan# 3207

Delta R.T. -0.00 min

Lab File: BE093855.D

Acq: 17 Aug 2017 00:22

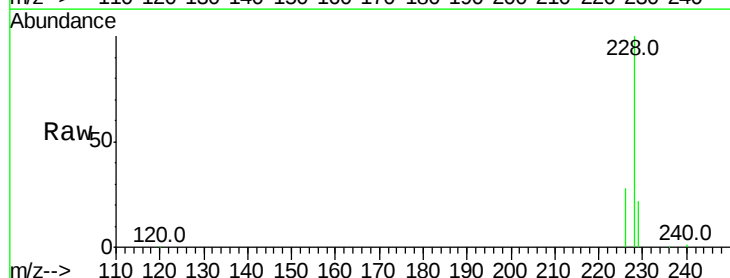
Tgt Ion:228 Resp: 289467

Ion Ratio Lower Upper

228 100

229 21.5 22.8 34.2#

226 28.3 17.0 25.6#

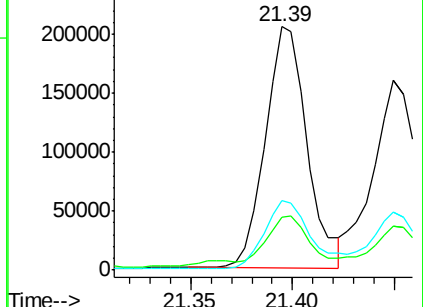
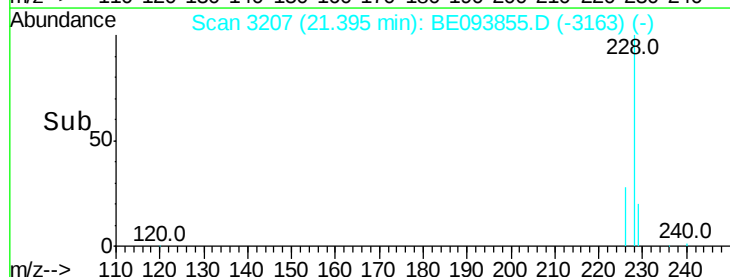


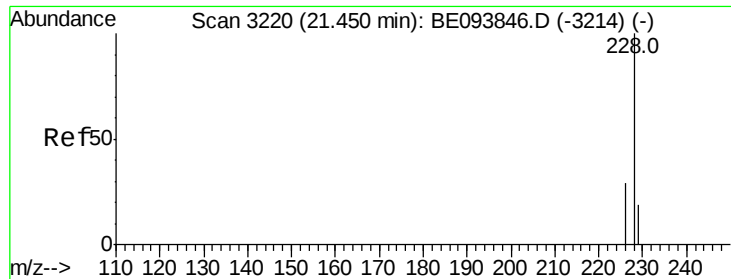
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time--> 21.35 21.40





#19

Chrysene

Concen: 4.736 ng/ul

RT: 21.45 min Scan# 3219

Delta R.T. -0.00 min

Lab File: BE093855.D

Acq: 17 Aug 2017 00:22

Instrument :

BNA_E

ClientSampled :

C0AH9DL

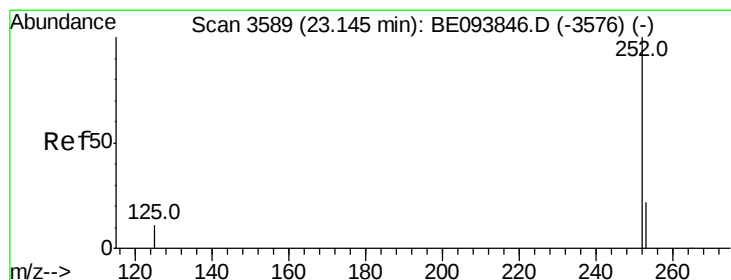
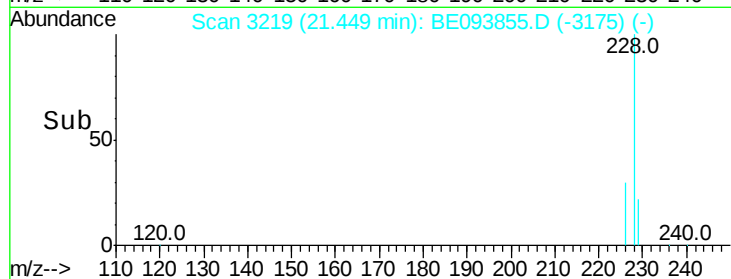
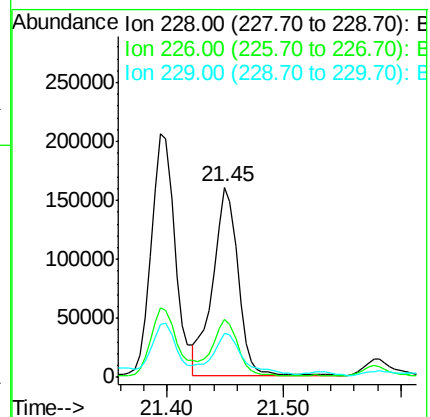
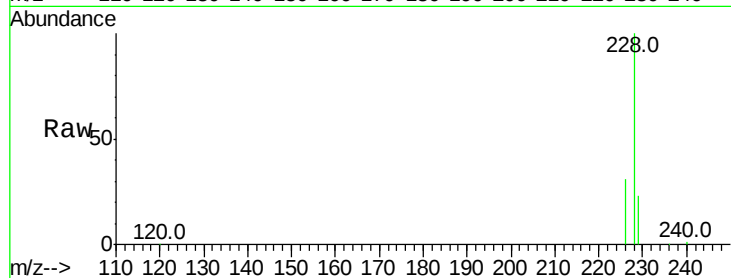
Tot Ion:228 Resp: 239312

Ion Ratio Lower Upper

228 100

226 30.7 23.4 35.0

229 23.1 17.7 26.5



#21

Benzo(b)fluoranthene

Concen: 5.747 ng/ul

RT: 23.15 min Scan# 3590

Delta R.T. 0.01 min

Lab File: BE093855.D

Acq: 17 Aug 2017 00:22

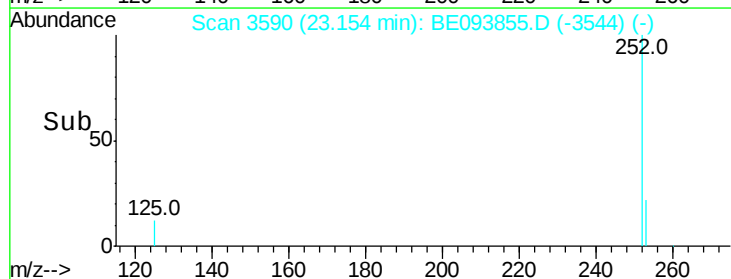
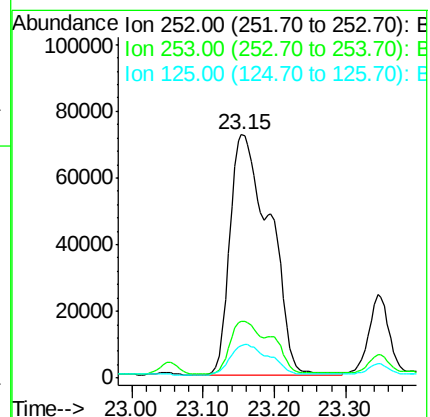
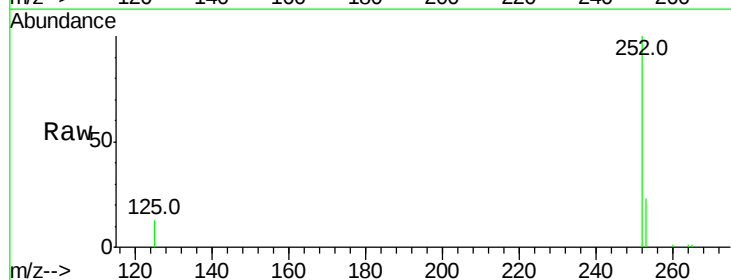
Tgt Ion:252 Resp: 280547

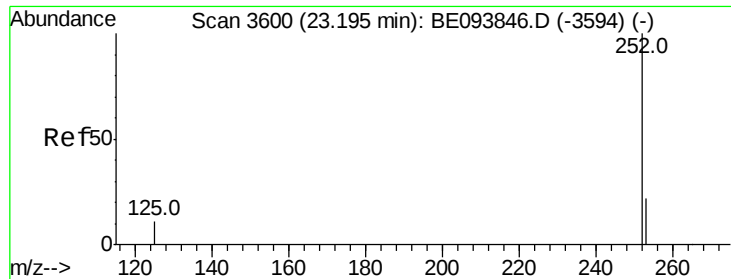
Ion Ratio Lower Upper

252 100

253 23.3 0.0 64.2

125 13.1 0.0 35.0





#22

Benzo(k)fluoranthene

Concen: 5.828 ng/u1

RT: 23.15 min Scan# 3590

Delta R.T. -0.04 min

Lab File: BE093855.D

Acq: 17 Aug 2017 00:22

Instrument :

BNA_E

ClientSampleId :

C0AH9DL

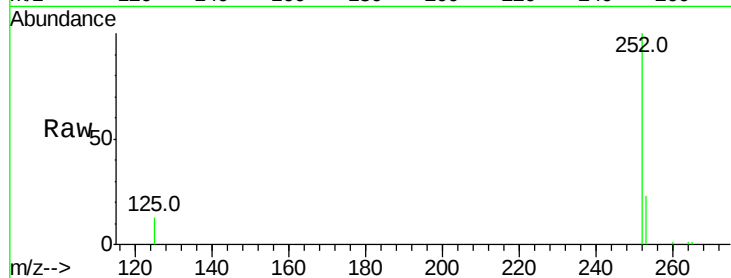
Tot Ion:252 Resp: 280547

Ion Ratio Lower Upper

252 100

253 23.3 24.5 36.7#

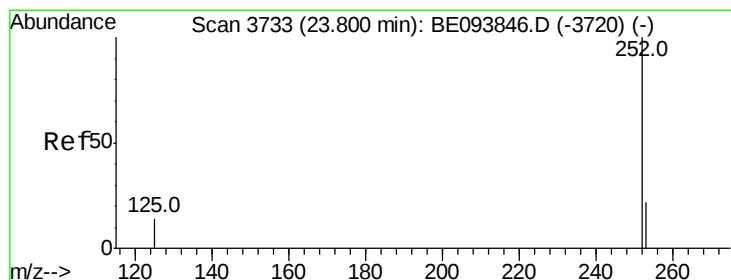
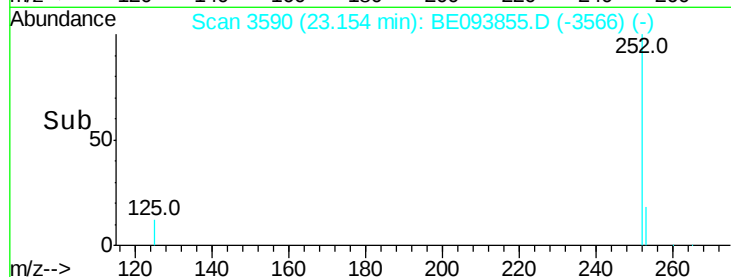
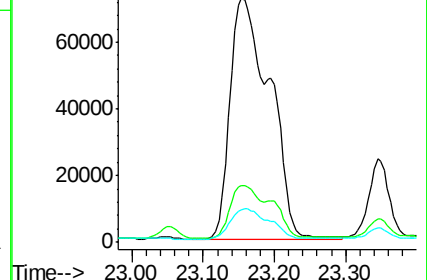
125 13.1 13.7 20.5#



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: 3.605 ng/u1

RT: 23.81 min Scan# 3734

Delta R.T. 0.01 min

Lab File: BE093855.D

Acq: 17 Aug 2017 00:22

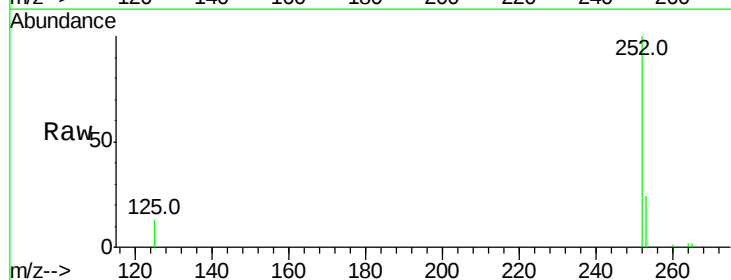
Tgt Ion:252 Resp: 167384

Ion Ratio Lower Upper

252 100

253 23.8 28.5 42.7#

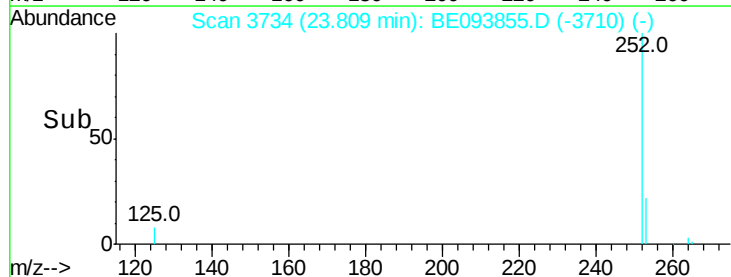
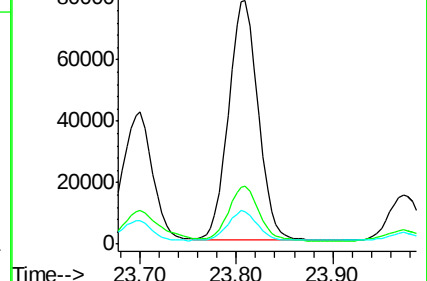
125 13.4 18.1 27.1#

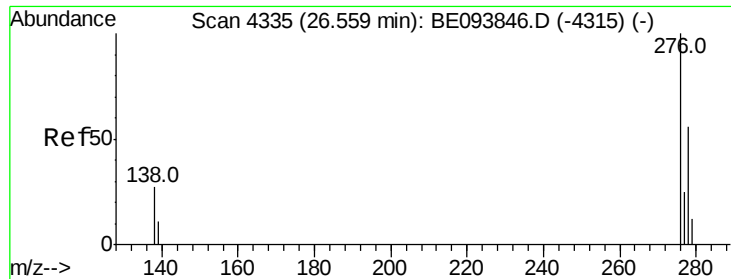


Abundance Ion 252.00 (251.70 to 252.70): E

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: 1.337 ng/ul

RT: 26.56 min Scan# 4335

Delta R.T. 0.01 min

Lab File: BE093855.D

Acq: 17 Aug 2017 00:22

Instrument :

BNA_E

ClientSampleId :

C0AH9DL

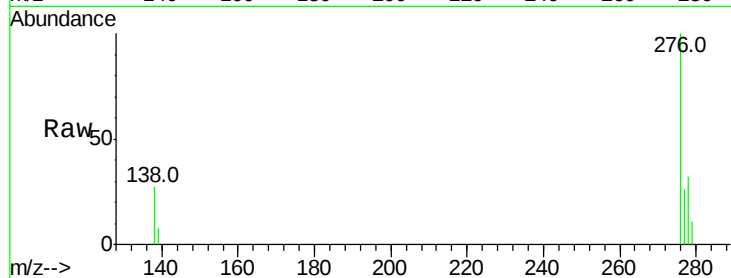
Tot Ion:276 Resp: 68543

Ion Ratio Lower Upper

276 100

138 26.0 28.0 42.0#

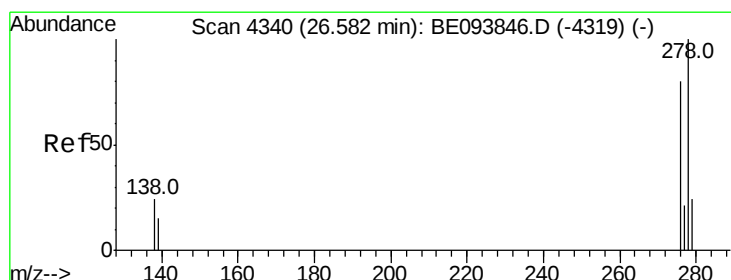
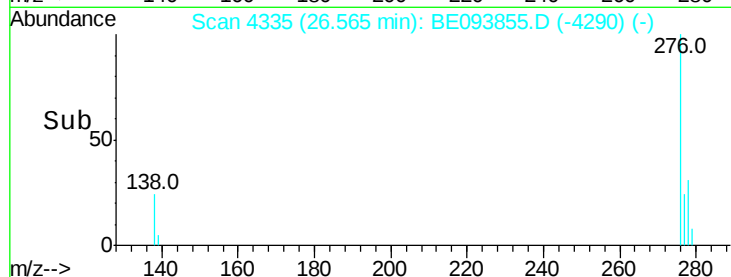
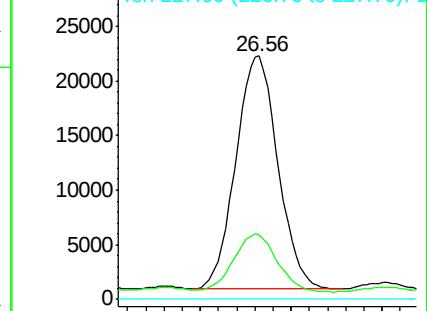
227 0.0 8.0 12.0#



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: 0.587 ng/ul

RT: 26.57 min Scan# 4336

Delta R.T. -0.01 min

Lab File: BE093855.D

Acq: 17 Aug 2017 00:22

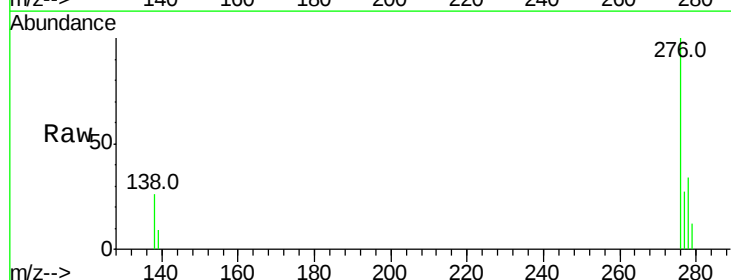
Tgt Ion:278 Resp: 25147

Ion Ratio Lower Upper

278 100

139 25.1 17.4 26.0

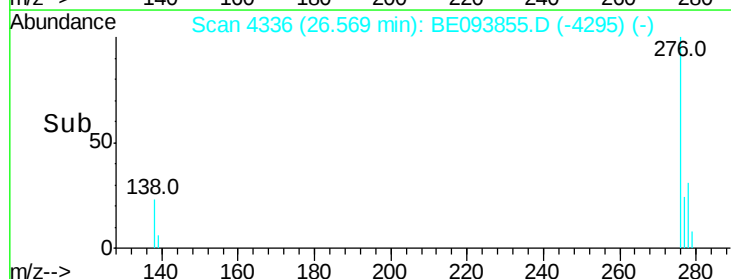
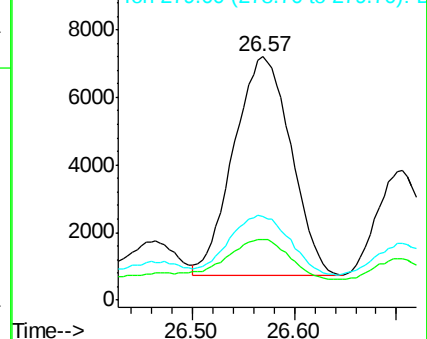
279 34.5 25.9 38.9

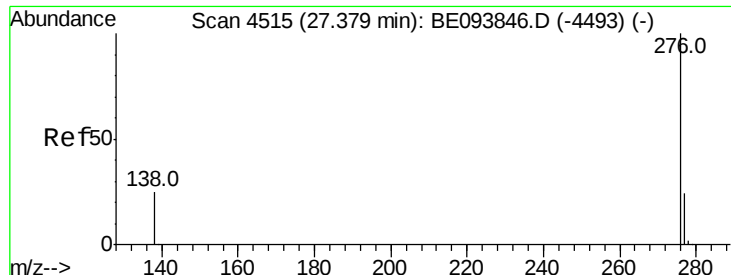


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.192 ng/ul

RT: 27.39 min Scan# 4516

Delta R.T. 0.01 min

Lab File: BE093855.D

Acq: 17 Aug 2017 00:22

Instrument :

BNA_E

ClientSampleId :

C0AH9DL

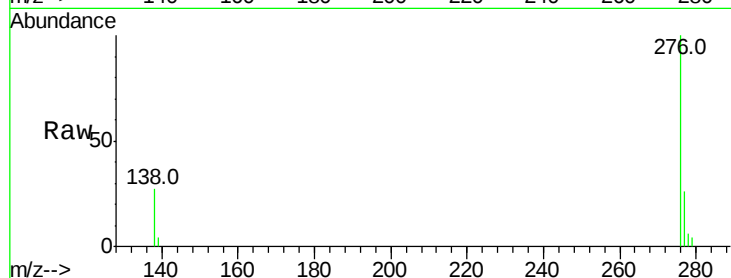
Tot Ion:276 Resp: 51489

Ion Ratio Lower Upper

276 100

138 27.1 21.8 32.8

277 26.2 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

