

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061917\
 Data File : BE093259.D
 Acq On : 19 Jun 2017 20:24
 Operator : SJ/MA
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.414

Quant Time: Jun 20 04:20:58 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 04:17:17 2017
 Response via : Initial Calibration

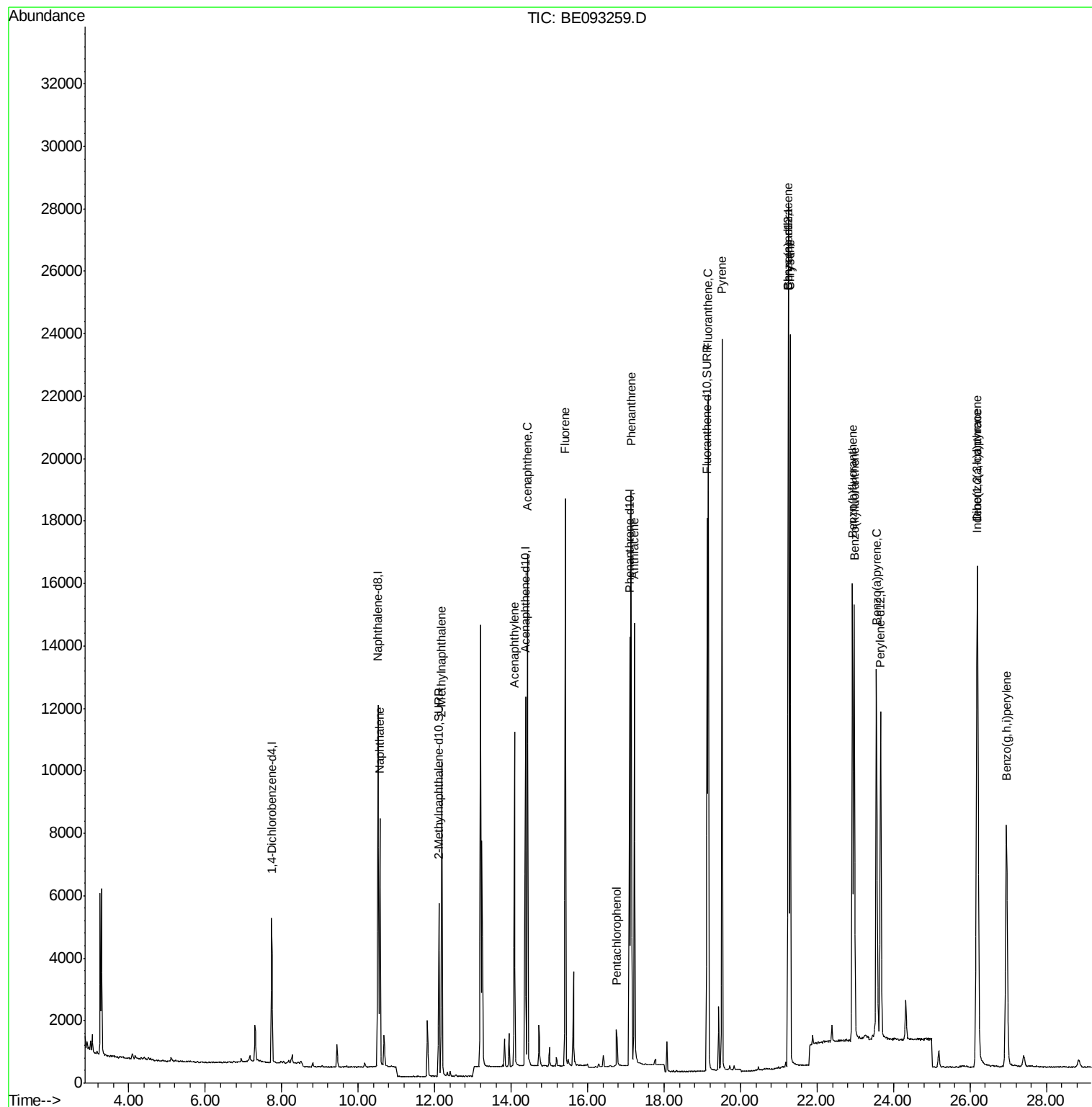
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2290	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	11680	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	6855	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	17112	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	17802	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	15193	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	7546	0.44	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	18592	0.40	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.56	128	11959	0.413	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	8715	0.440	ng/ul	97
7) Acenaphthylene	14.08	152	12627	0.429	ng/ul	96
8) Acenaphthene	14.43	153	9804	0.413	ng/ul	99
9) Fluorene	15.42	166	11163	0.401	ng/ul	92
11) Pentachlorophenol	16.75	266	1089	0.429	ng/ul	98
12) Phenanthrene	17.13	178	19243	0.409	ng/ul#	88
13) Anthracene	17.22	178	17739	0.433	ng/ul#	87
15) Fluoranthene	19.15	202	22397	0.388	ng/ul	83
17) Pyrene	19.51	202	23915	0.456	ng/ul#	87
18) Benzo(a)anthracene	21.24	228	20980	0.442	ng/ul#	85
19) Chrysene	21.30	228	20496	0.416	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	19171	0.416	ng/ul	88
22) Benzo(k)fluoranthene	22.97	252	19806	0.404	ng/ul#	90
23) Benzo(a)pyrene	23.56	252	18513	0.425	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.18	276	21056	0.417	ng/ul#	93
25) Dibenzo(a,h)anthracene	26.20	278	17707	0.417	ng/ul#	86
26) Benzo(g,h,i)perylene	26.96	276	17367	0.401	ng/ul	97

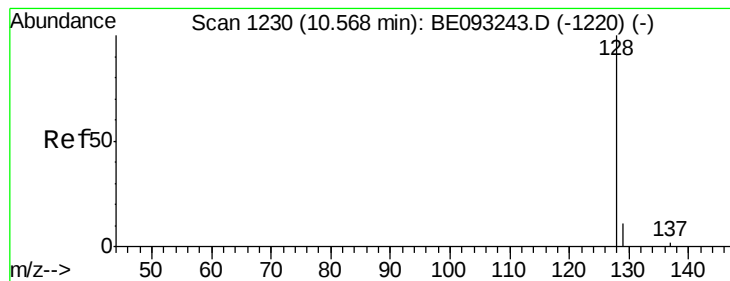
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.413 ng/ul

RT: 10.56 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BE093259.D

Acq: 19 Jun 2017 20:24

Instrument :

BNA_E

ClientSampleId :

SSTD0.414

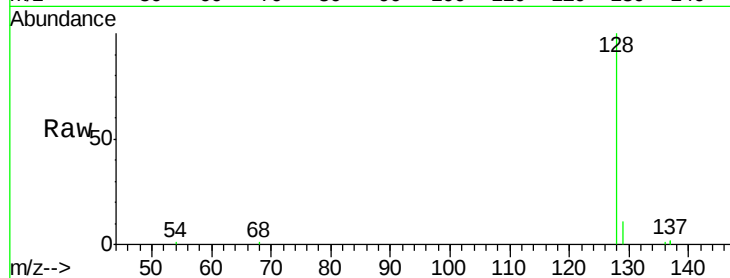
Tgt Ion:128 Resp: 11959

Ion Ratio Lower Upper

128 100

129 11.3 11.3 16.9

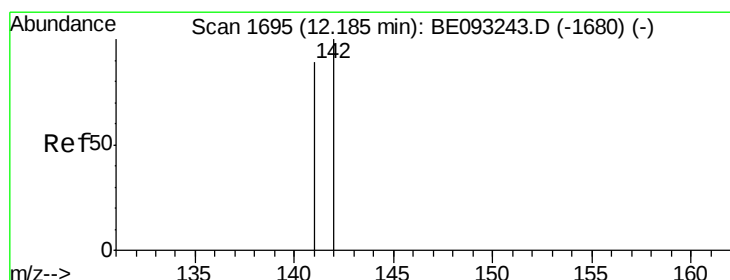
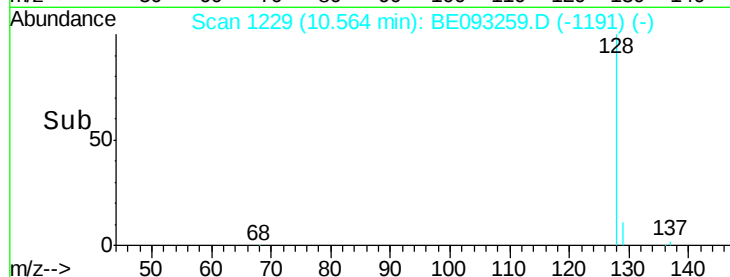
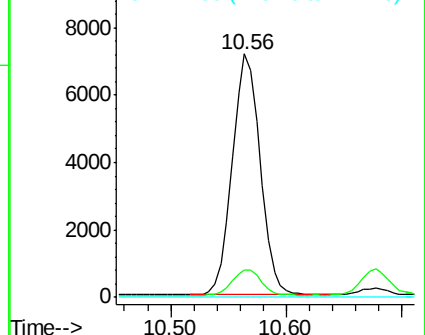
127 0.0 4.0 6.0#



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: 0.440 ng/ul

RT: 12.18 min Scan# 1694

Delta R.T. -0.00 min

Lab File: BE093259.D

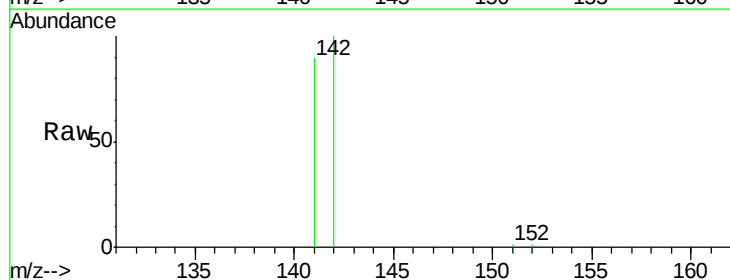
Acq: 19 Jun 2017 20:24

Tgt Ion:142 Resp: 8715

Ion Ratio Lower Upper

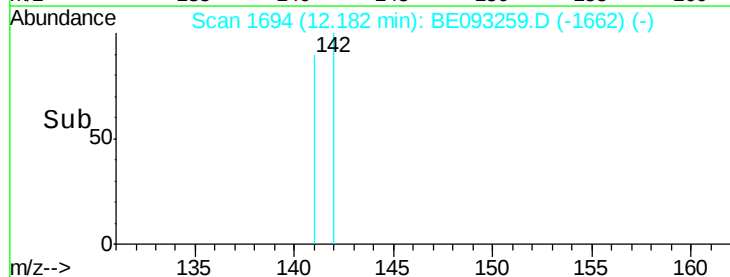
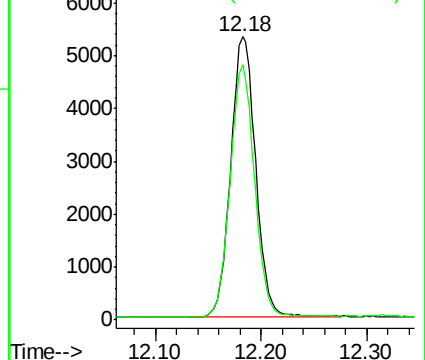
142 100

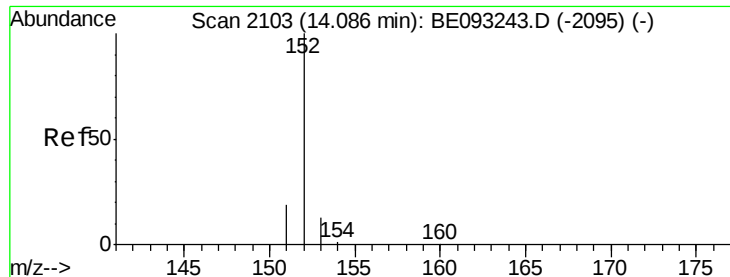
141 88.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.429 ng/ul

RT: 14.08 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BE093259.D

Acq: 19 Jun 2017 20:24

Instrument :

BNA_E

ClientSampleId :

SSTD0.414

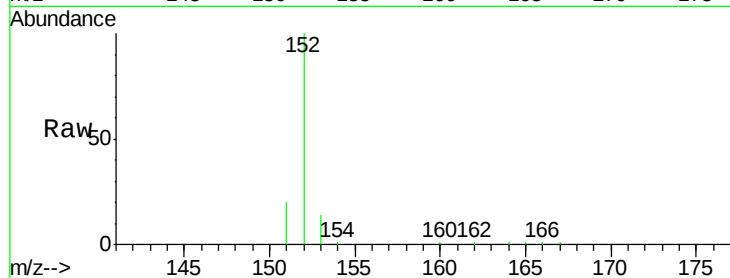
Tgt Ion:152 Resp: 12627

Ion Ratio Lower Upper

152 100

151 20.0 17.1 25.7

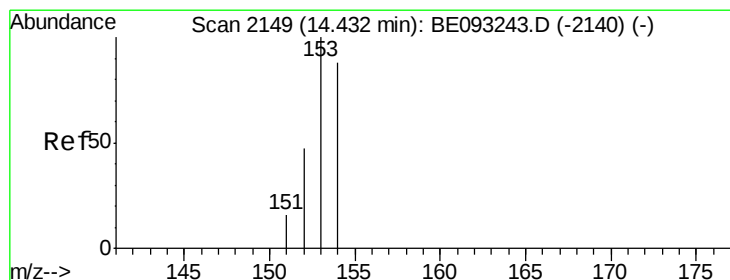
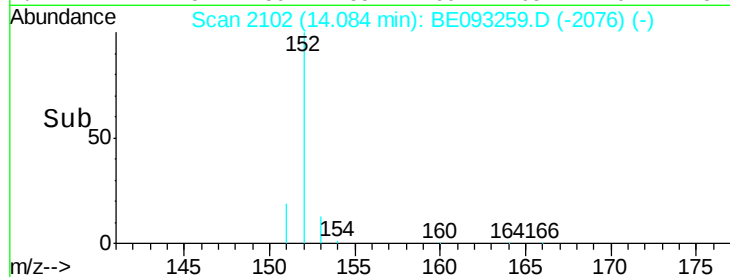
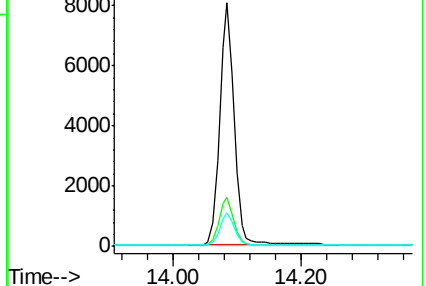
153 13.6 12.8 19.2



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: 0.413 ng/ul

RT: 14.43 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BE093259.D

Acq: 19 Jun 2017 20:24

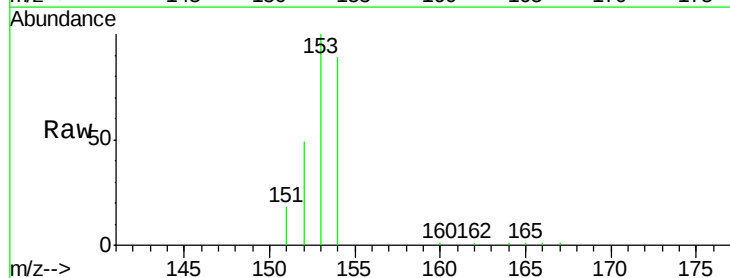
Tgt Ion:153 Resp: 9804

Ion Ratio Lower Upper

153 100

152 48.7 40.3 60.5

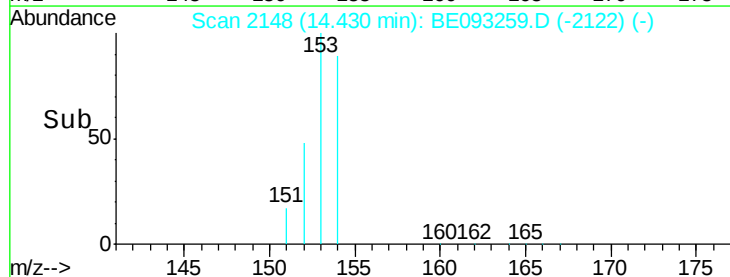
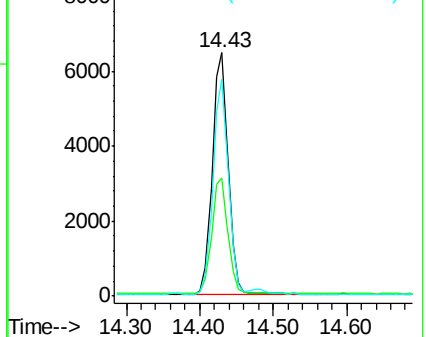
154 88.9 71.4 107.2

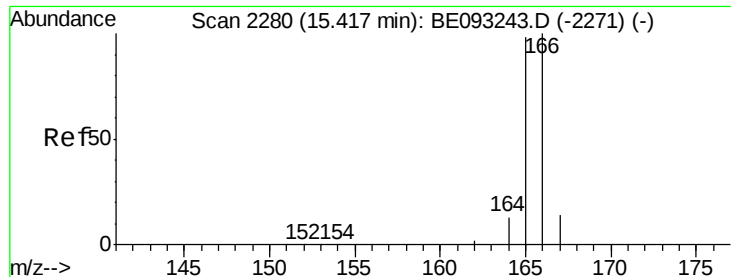


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.401 ng/ul

RT: 15.42 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BE093259.D

Acq: 19 Jun 2017 20:24

Instrument :

BNA_E

ClientSampleId :

SSTD0.414

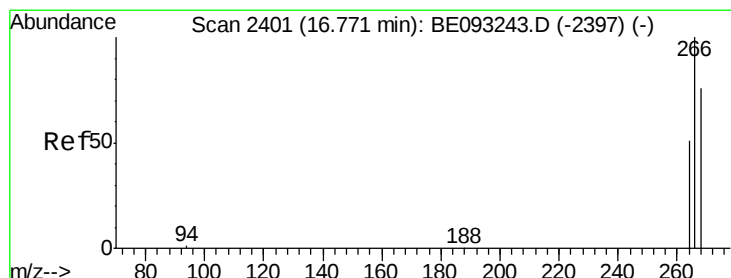
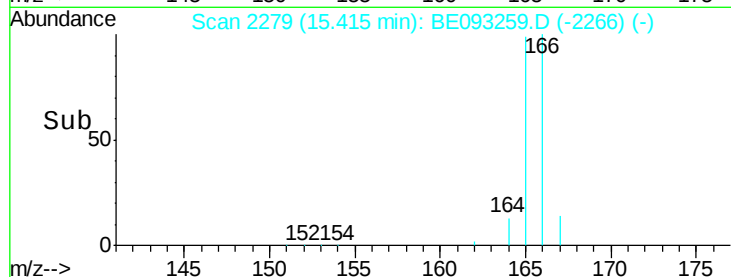
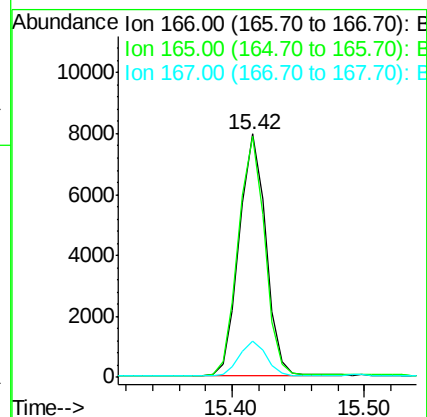
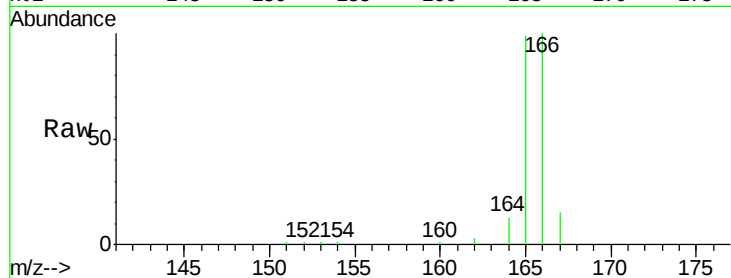
Tgt Ion:166 Resp: 11163

Ion Ratio Lower Upper

166 100

165 98.9 73.4 110.2

167 14.8 14.6 22.0



#11

Pentachlorophenol

Concen: 0.429 ng/ul

RT: 16.75 min Scan# 2399

Delta R.T. -0.02 min

Lab File: BE093259.D

Acq: 19 Jun 2017 20:24

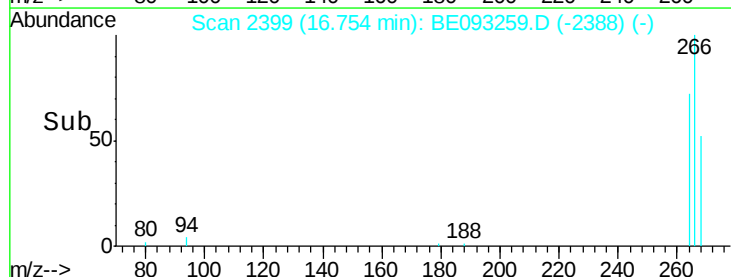
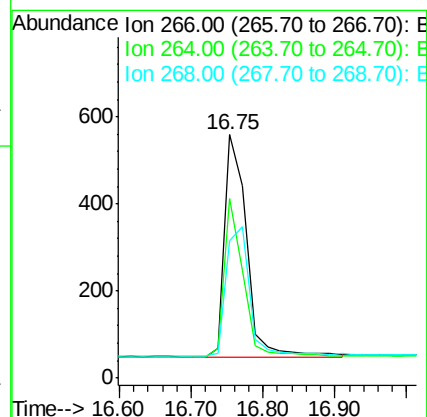
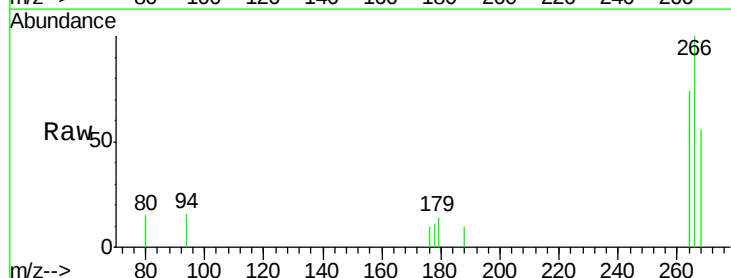
Tgt Ion:266 Resp: 1089

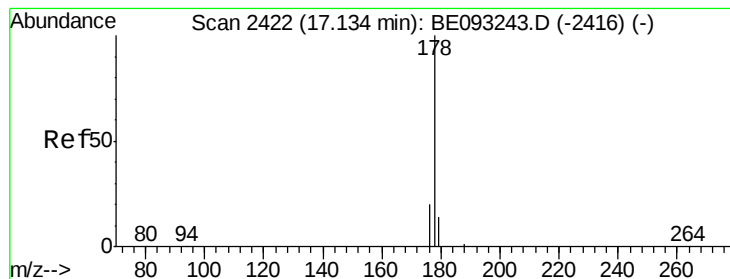
Ion Ratio Lower Upper

266 100

264 63.6 47.9 71.9

268 62.3 49.8 74.8





#12

Phenanthrene

Concen: 0.409 ng/ul

RT: 17.13 min Scan# 2421

Delta R.T. 0.00 min

Lab File: BE093259.D

Acq: 19 Jun 2017 20:24

Instrument :

BNA_E

ClientSampleId :

SSTD0.414

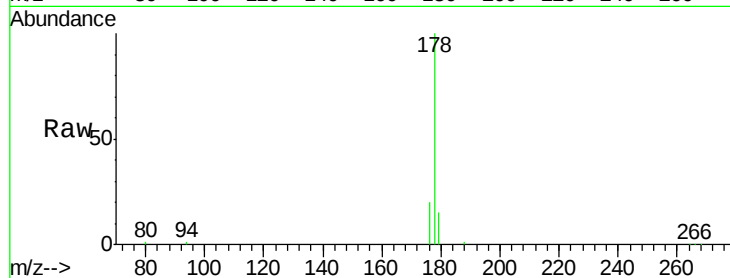
Tgt Ion:178 Resp: 19243

Ion Ratio Lower Upper

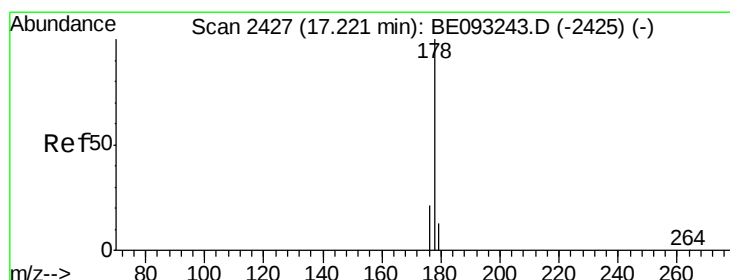
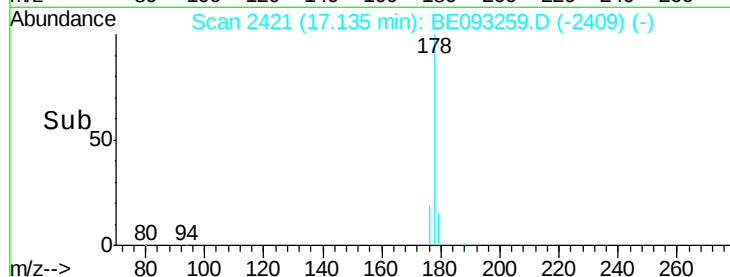
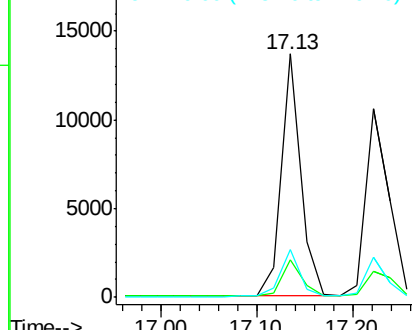
178 100

179 15.2 18.4 27.6#

176 19.7 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: 0.433 ng/ul

RT: 17.22 min Scan# 2426

Delta R.T. 0.00 min

Lab File: BE093259.D

Acq: 19 Jun 2017 20:24

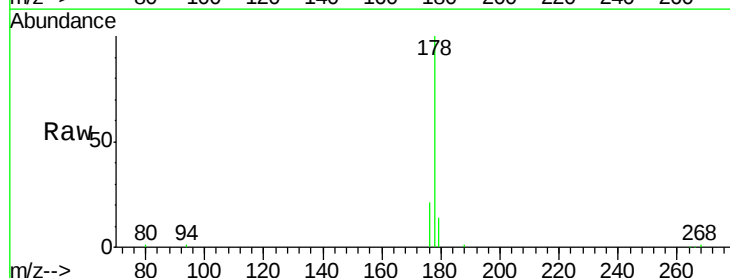
Tgt Ion:178 Resp: 17739

Ion Ratio Lower Upper

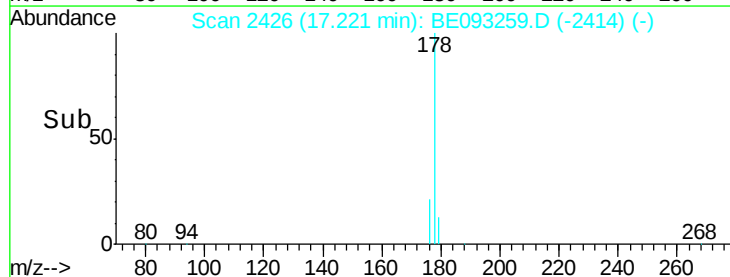
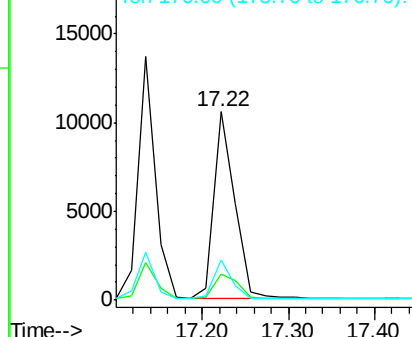
178 100

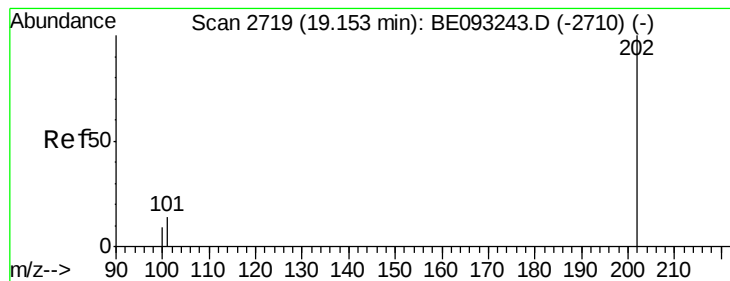
179 14.0 18.1 27.1#

176 21.3 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: 0.388 ng/ul

RT: 19.15 min Scan# 2718

Delta R.T. 0.00 min

Lab File: BE093259.D

Acq: 19 Jun 2017 20:24

Instrument :

BNA_E

ClientSampleId :

SSTD0.414

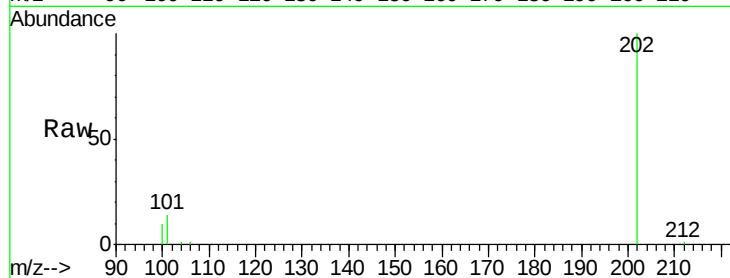
Tgt Ion:202 Resp: 22397

Ion Ratio Lower Upper

202 100

101 13.6 0.0 30.3

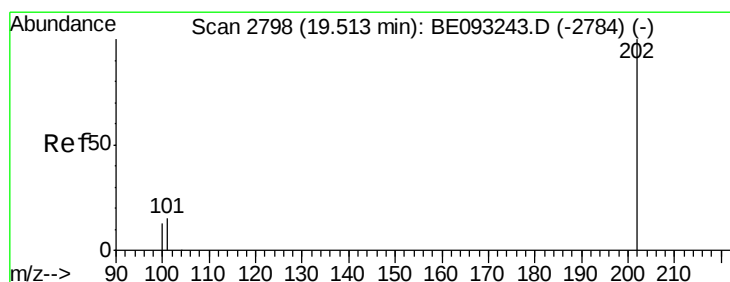
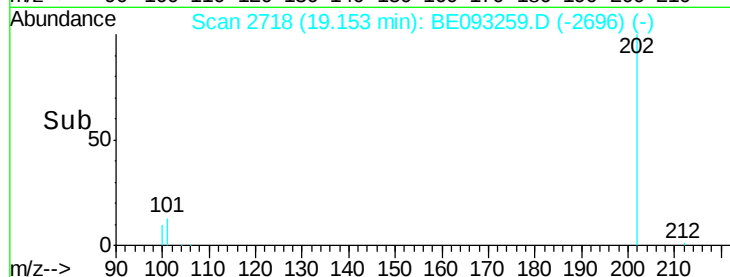
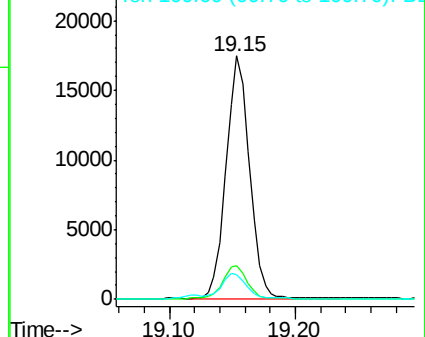
100 10.0 0.0 39.5



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: 0.456 ng/ul

RT: 19.51 min Scan# 2797

Delta R.T. 0.00 min

Lab File: BE093259.D

Acq: 19 Jun 2017 20:24

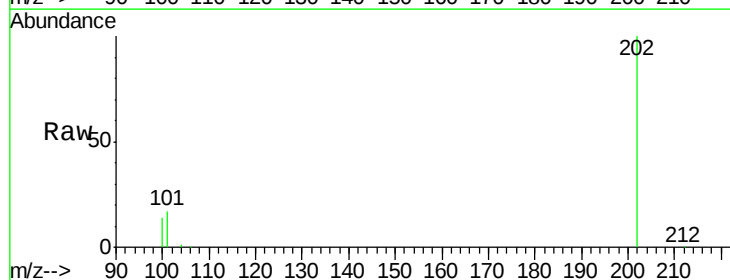
Tgt Ion:202 Resp: 23915

Ion Ratio Lower Upper

202 100

101 16.8 18.2 27.4#

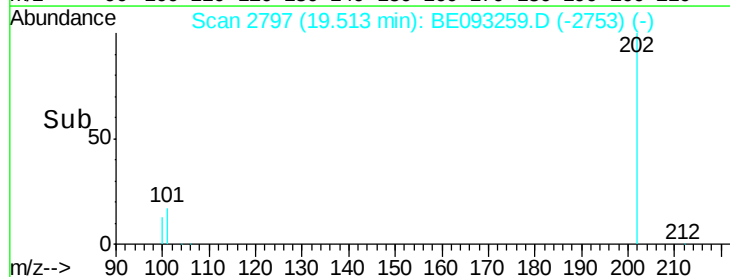
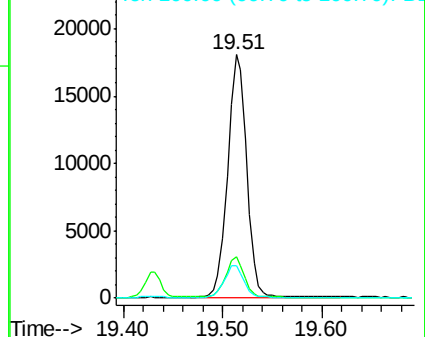
100 13.6 15.6 23.4#

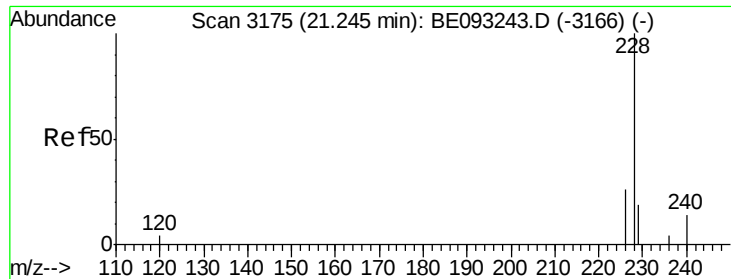


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.442 ng/ul

RT: 21.24 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BE093259.D

Acq: 19 Jun 2017 20:24

Instrument :

BNA_E

ClientSampleId :

SSTD0.414

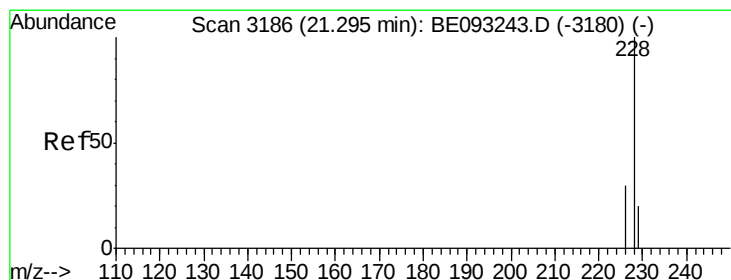
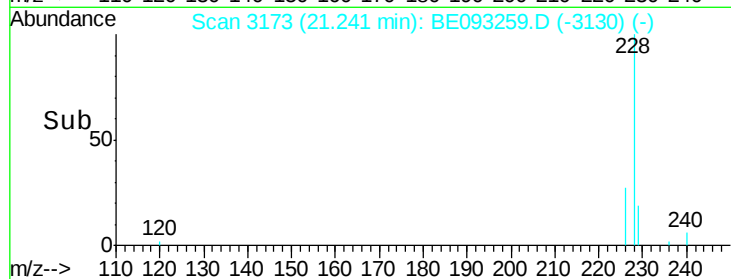
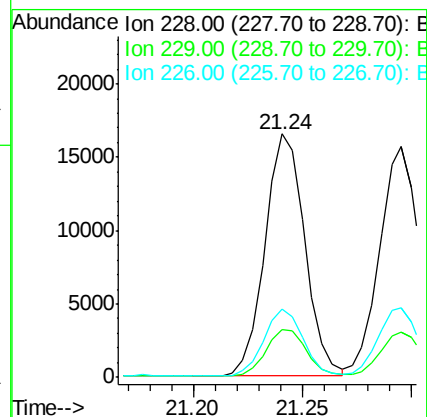
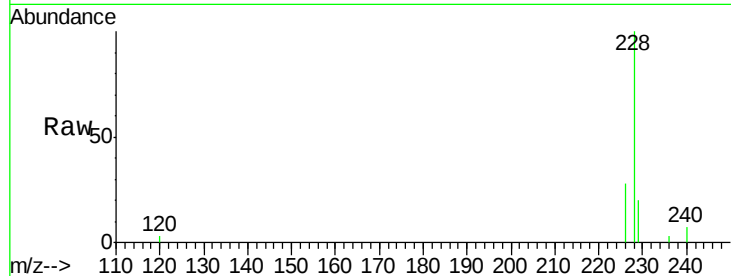
Tgt Ion:228 Resp: 20980

Ion Ratio Lower Upper

228 100

229 19.8 22.8 34.2#

226 27.8 17.0 25.6#



#19

Chrysene

Concen: 0.416 ng/ul

RT: 21.30 min Scan# 3185

Delta R.T. 0.00 min

Lab File: BE093259.D

Acq: 19 Jun 2017 20:24

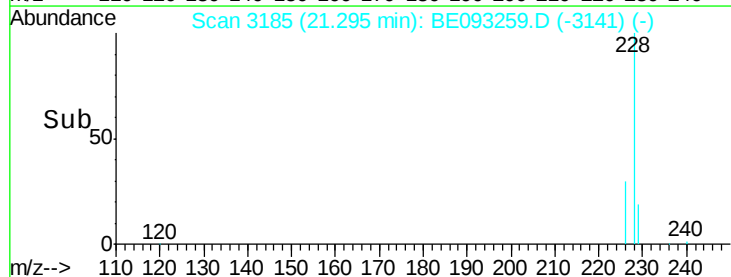
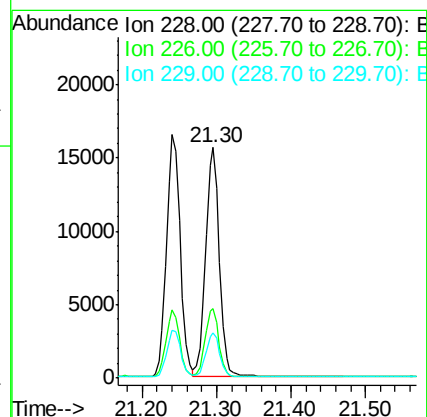
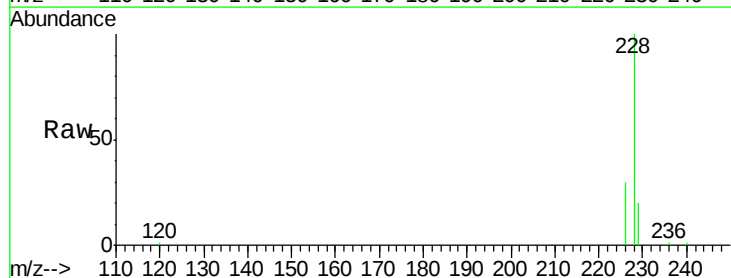
Tgt Ion:228 Resp: 20496

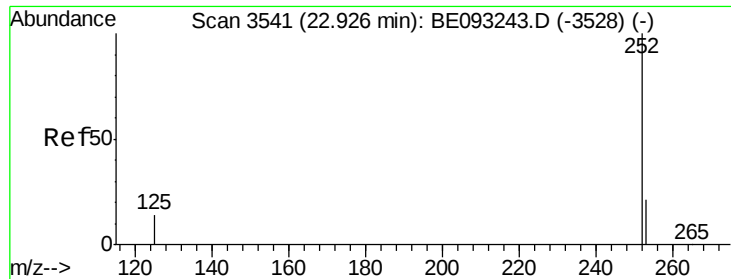
Ion Ratio Lower Upper

228 100

226 30.0 23.4 35.0

229 19.5 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.416 ng/ul

RT: 22.93 min Scan# 3540

Delta R.T. 0.00 min

Lab File: BE093259.D

Acq: 19 Jun 2017 20:24

Instrument :

BNA_E

ClientSampleId :

SSTD0.414

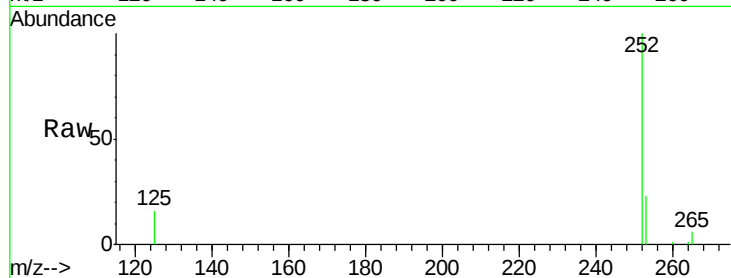
Tgt Ion:252 Resp: 19171

Ion Ratio Lower Upper

252 100

253 23.2 0.0 64.2

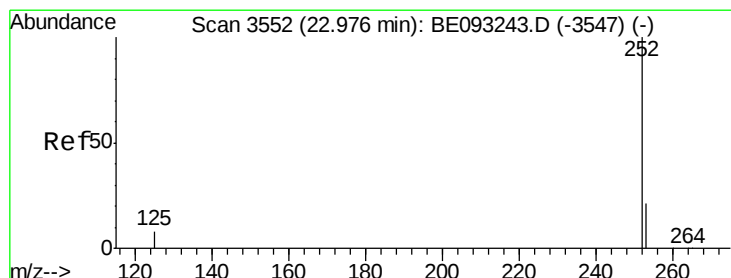
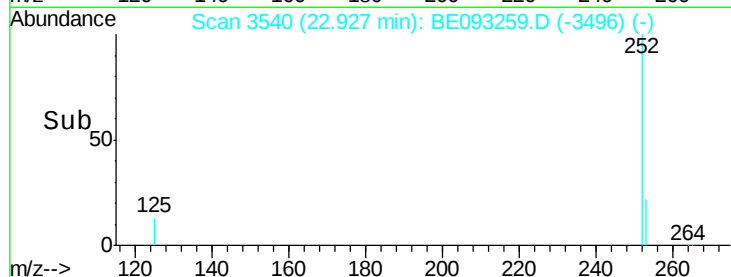
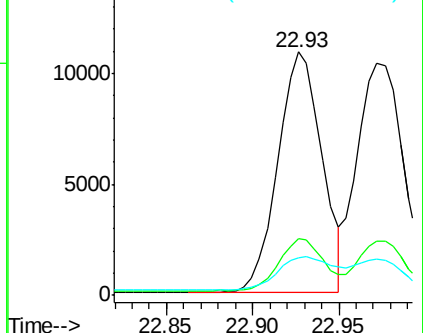
125 15.6 0.0 35.0



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: 0.404 ng/ul

RT: 22.97 min Scan# 3550

Delta R.T. -0.00 min

Lab File: BE093259.D

Acq: 19 Jun 2017 20:24

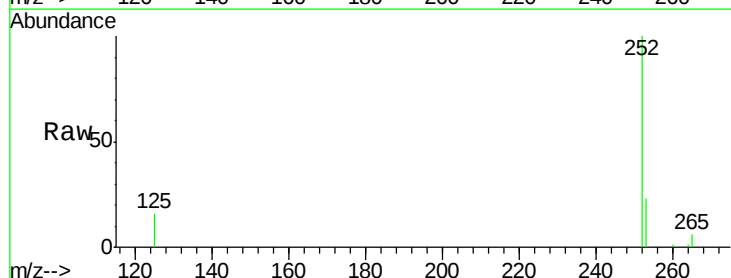
Tgt Ion:252 Resp: 19806

Ion Ratio Lower Upper

252 100

253 23.2 24.5 36.7#

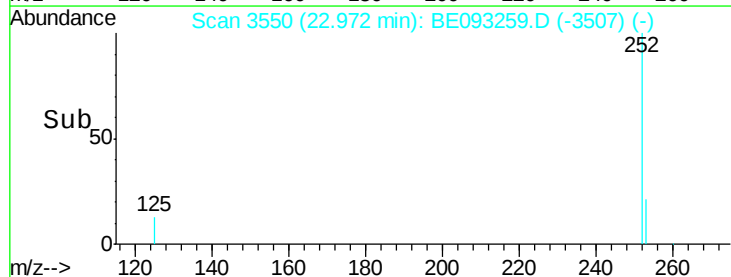
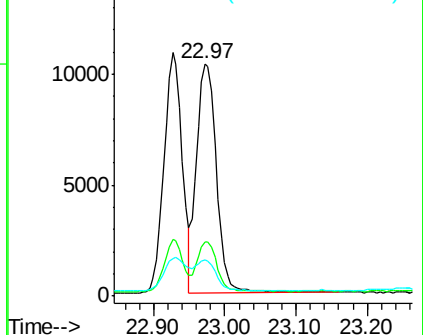
125 15.6 13.7 20.5

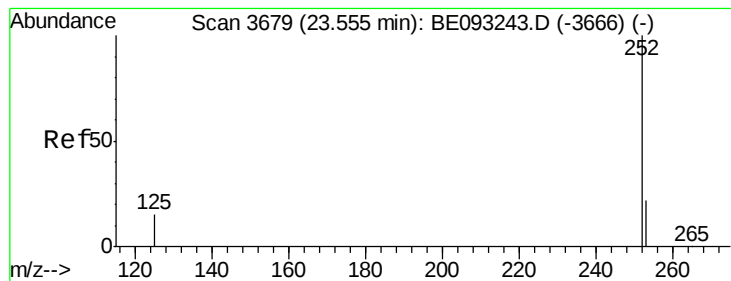


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.425 ng/ul

RT: 23.56 min Scan# 3678

Delta R.T. 0.00 min

Lab File: BE093259.D

Acq: 19 Jun 2017 20:24

Instrument :

BNA_E

ClientSampleId :

SSTD0.414

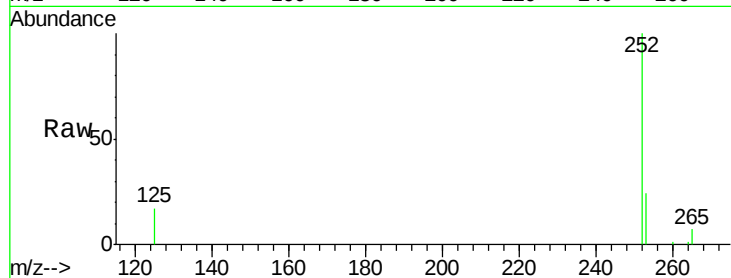
Tgt Ion:252 Resp: 18513

Ion Ratio Lower Upper

252 100

253 23.6 28.5 42.7#

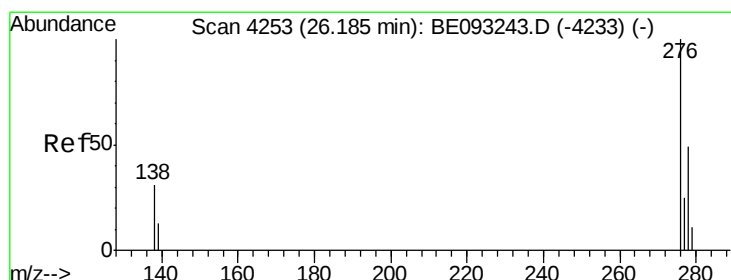
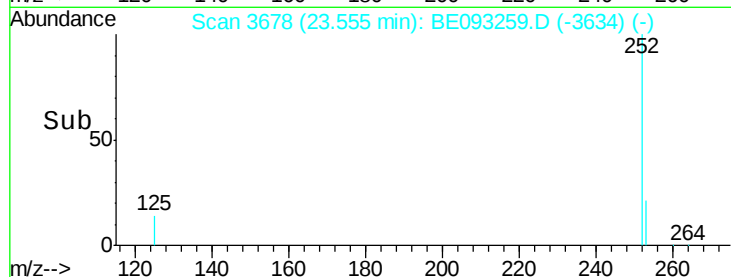
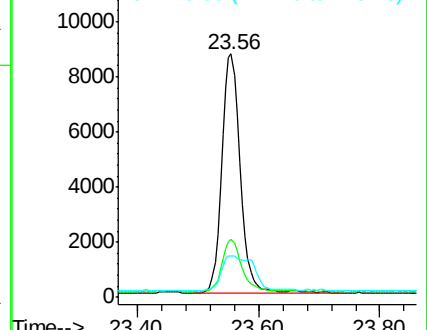
125 17.2 18.1 27.1#



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: 0.417 ng/ul

RT: 26.18 min Scan# 4251

Delta R.T. -0.00 min

Lab File: BE093259.D

Acq: 19 Jun 2017 20:24

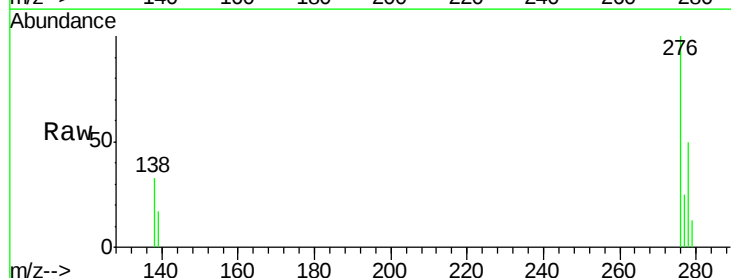
Tgt Ion:276 Resp: 21056

Ion Ratio Lower Upper

276 100

138 35.4 28.0 42.0

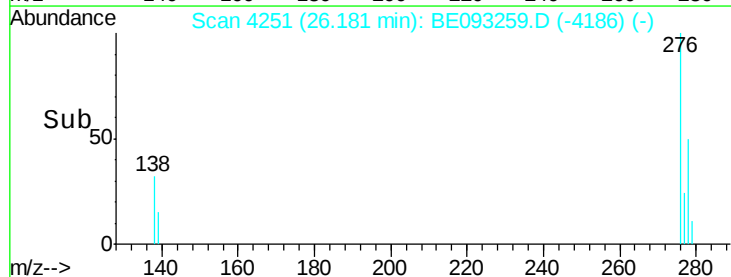
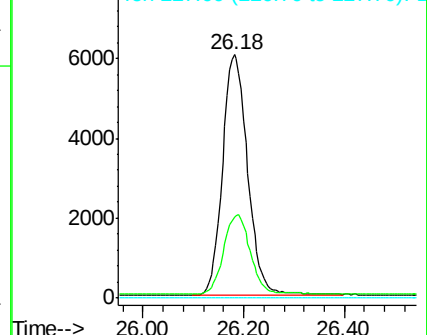
227 0.0 8.0 12.0#

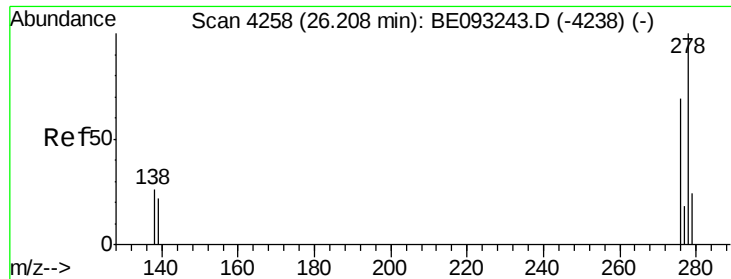


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.417 ng/ul

RT: 26.20 min Scan# 4256

Delta R.T. -0.00 min

Lab File: BE093259.D

Acq: 19 Jun 2017 20:24

Instrument :

BNA_E

ClientSampleId :

SSTD0.414

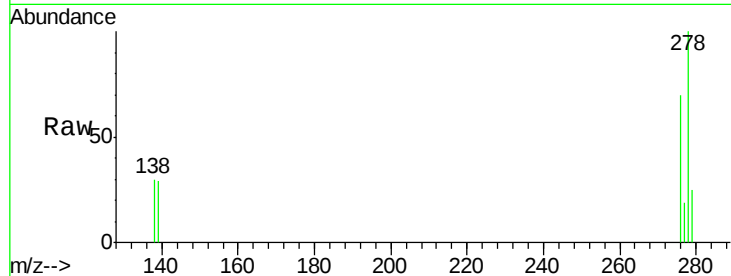
Tgt Ion:278 Resp: 17707

Ion Ratio Lower Upper

278 100

139 29.0 17.4 26.0#

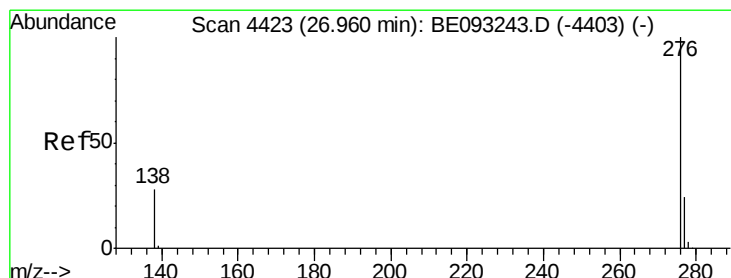
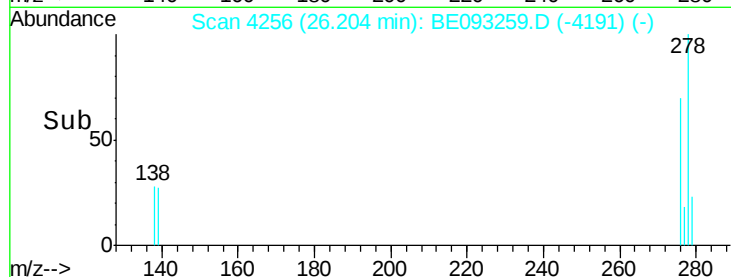
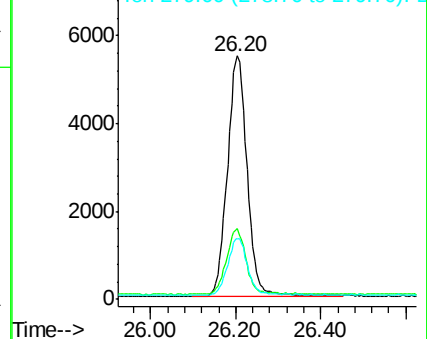
279 24.8 25.9 38.9#



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(g,h,i)perylene

Concen: 0.401 ng/ul

RT: 26.96 min Scan# 4421

Delta R.T. -0.00 min

Lab File: BE093259.D

Acq: 19 Jun 2017 20:24

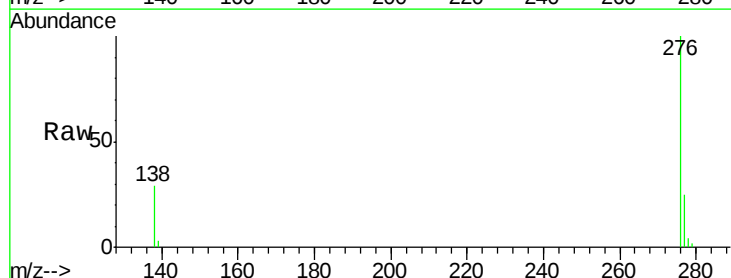
Tgt Ion:276 Resp: 17367

Ion Ratio Lower Upper

276 100

138 29.3 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

