

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072517\
 Data File : BE093598.D
 Acq On : 26 Jul 2017 4:04
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.441

Quant Time: Jul 26 05:47:46 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 Jul 26 05:32:22 2017
 Response via : Initial Calibration

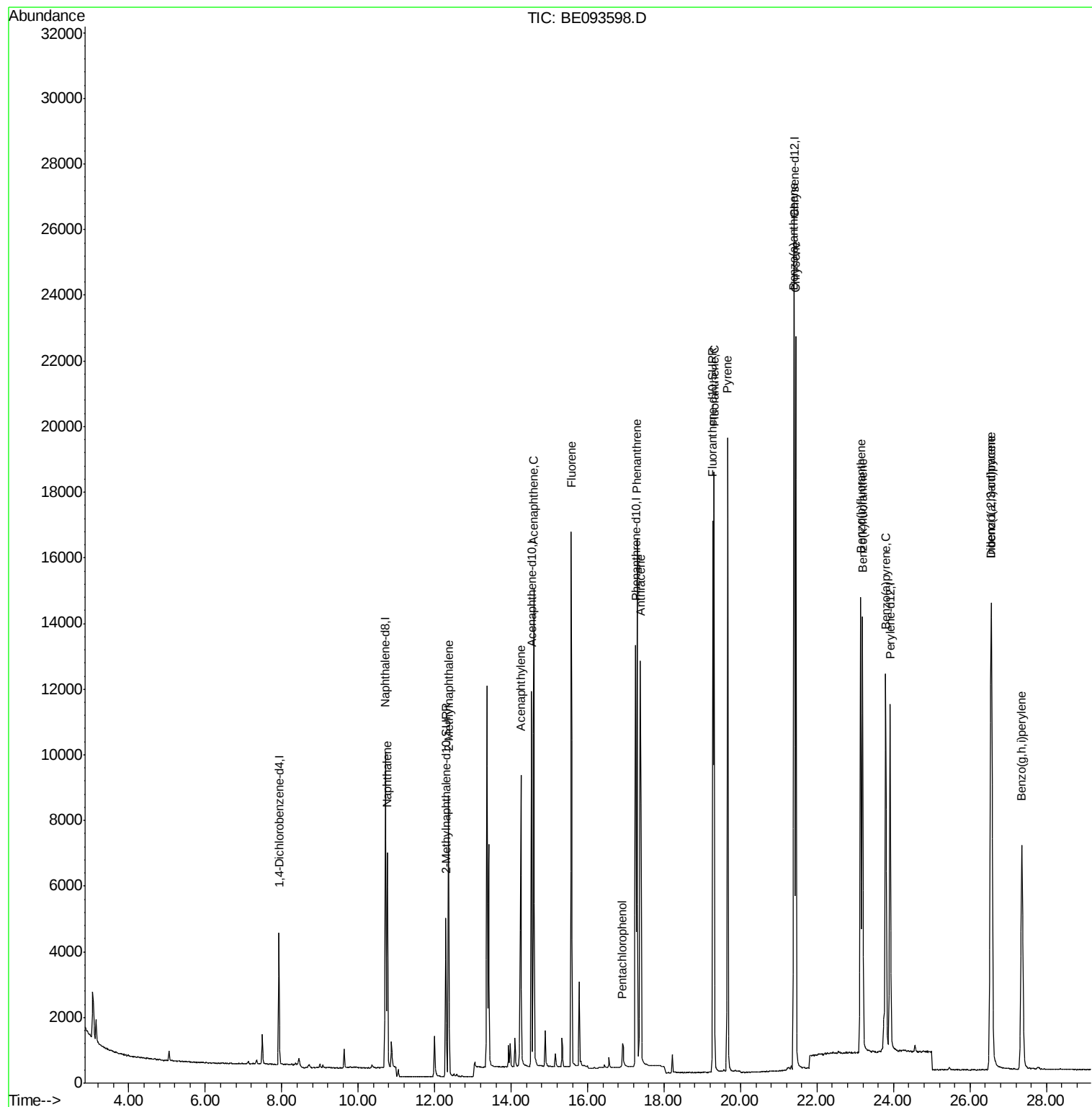
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	2085	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	10480	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	6534	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	16726	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	18514	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	16550	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	6835	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	19150	0.36	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.76	128	10324	0.405	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	7447	0.400	ng/ul	98
7) Acenaphthylene	14.25	152	11035	0.404	ng/ul	95
8) Acenaphthene	14.59	153	8549	0.398	ng/ul	97
9) Fluorene	15.57	166	10449	0.384	ng/ul#	94
11) Pentachlorophenol	16.91	266	793	0.287	ng/ul	96
12) Phenanthrene	17.29	178	18077	0.397	ng/ul#	88
13) Anthracene	17.38	178	17063	0.385	ng/ul#	88
15) Fluoranthene	19.30	202	20648	0.362	ng/ul	84
17) Pyrene	19.66	202	21298	0.394	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	20698	0.386	ng/ul#	86
19) Chrysene	21.45	228	20275	0.394	ng/ul	98
21) Benzo(b)fluoranthene	23.14	252	19428	0.379	ng/ul	85
22) Benzo(k)fluoranthene	23.19	252	19843	0.393	ng/ul#	86
23) Benzo(a)pyrene	23.80	252	18862	0.387	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.55	276	20781	0.387	ng/ul#	84
25) Dibenzo(a,h)anthracene	26.56	278	17493	0.389	ng/ul#	90
26) Benzo(g,h,i)perylene	27.36	276	17150	0.379	ng/ul	96

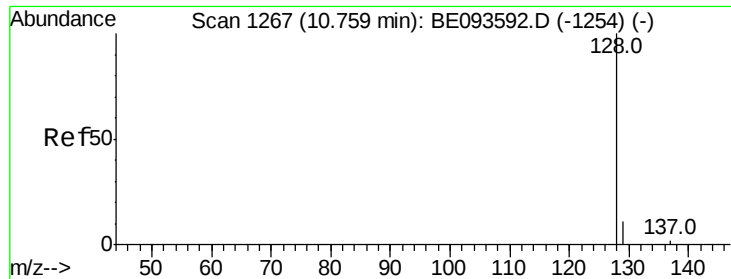
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.405 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. 0.00 min

Lab File: BE093598.D

Acq: 26 Jul 2017 4:04

Instrument :

BNA_E

ClientSampleId :

SSTD0.441

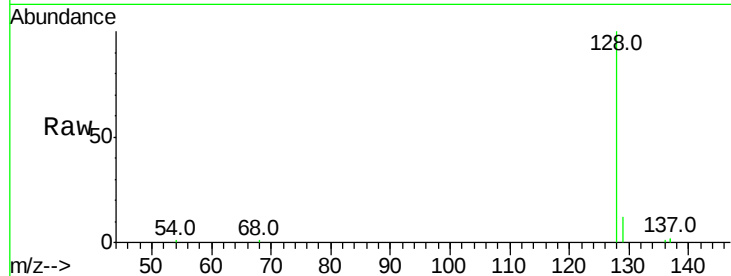
Tot Ion:128 Resp: 10324

Ion Ratio Lower Upper

128 100

129 12.1 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

10.76

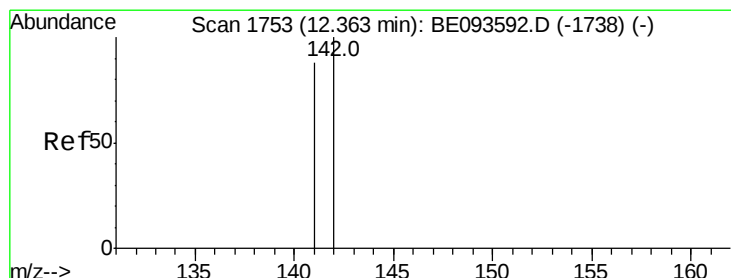
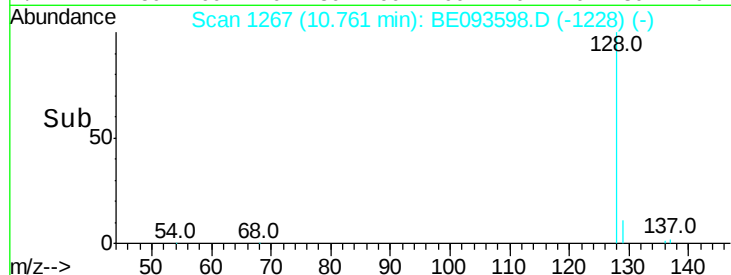
6000

4000

2000

0

Time-->



#5

2-Methylnaphthalene

Concen: 0.400 ng/ul

RT: 12.36 min Scan# 1753

Delta R.T. -0.00 min

Lab File: BE093598.D

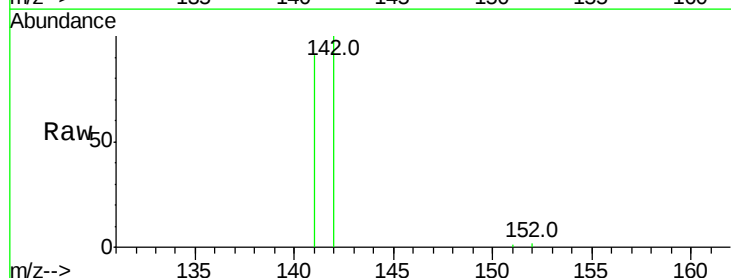
Acq: 26 Jul 2017 4:04

Tgt Ion:142 Resp: 7447

Ion Ratio Lower Upper

142 100

141 89.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.36

5000

4000

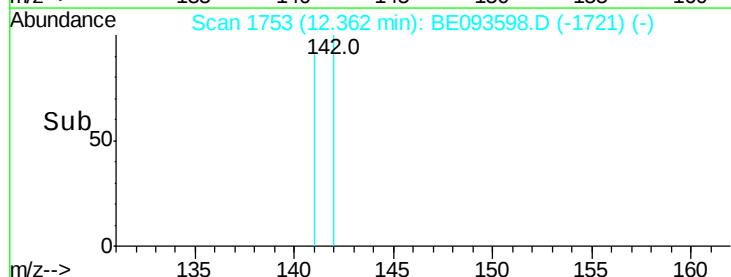
3000

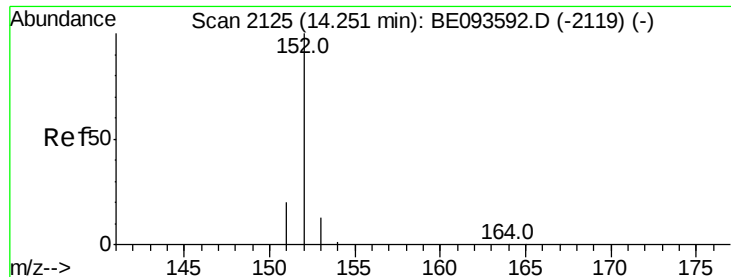
2000

1000

0

Time-->





#7

Acenaphthylene

Concen: 0.404 ng/ul

RT: 14.25 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BE093598.D

Acq: 26 Jul 2017 4:04

Instrument :

BNA_E

ClientSampleId :

SSTD0.441

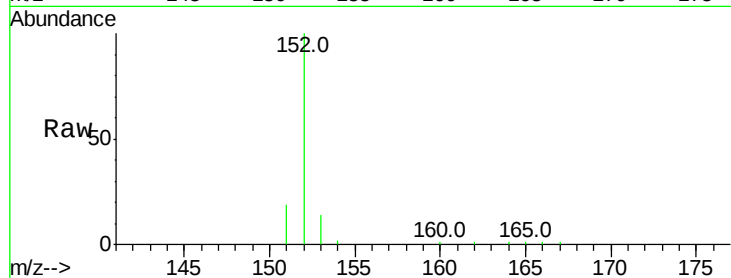
Tot Ion:152 Resp: 11035

Ion Ratio Lower Upper

152 100

151 19.5 17.1 25.7

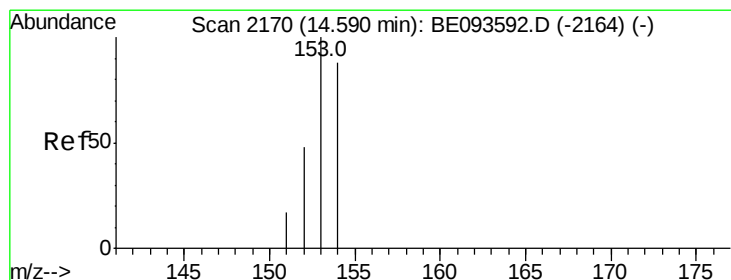
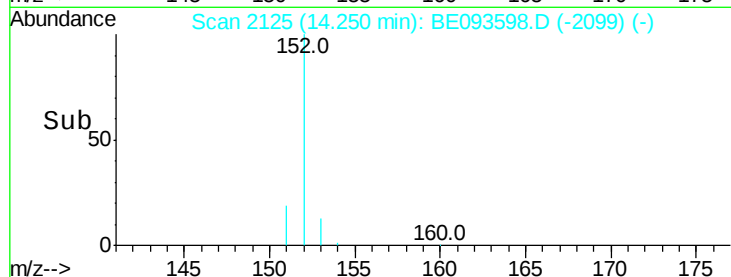
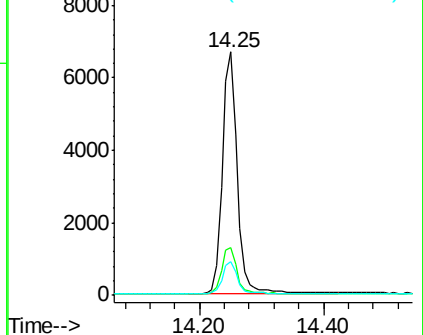
153 13.7 12.8 19.2



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: 0.398 ng/ul

RT: 14.59 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BE093598.D

Acq: 26 Jul 2017 4:04

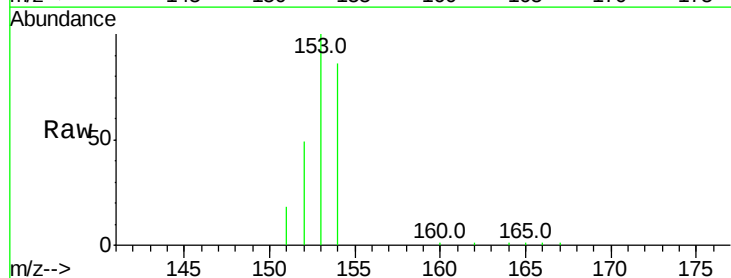
Tgt Ion:153 Resp: 8549

Ion Ratio Lower Upper

153 100

152 48.9 40.3 60.5

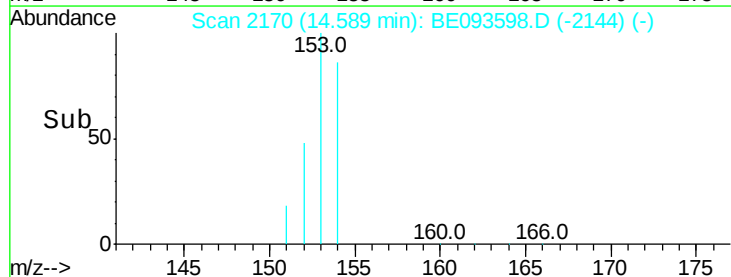
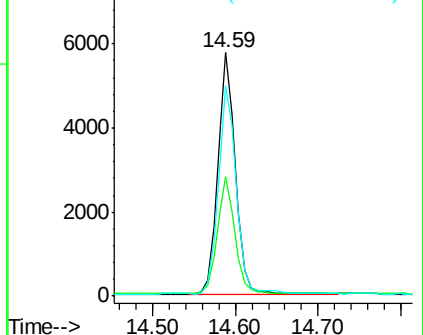
154 86.2 71.4 107.2

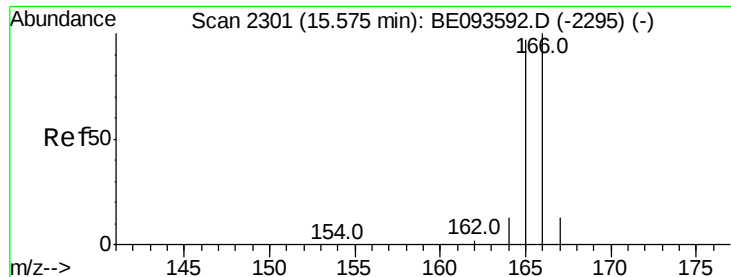


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

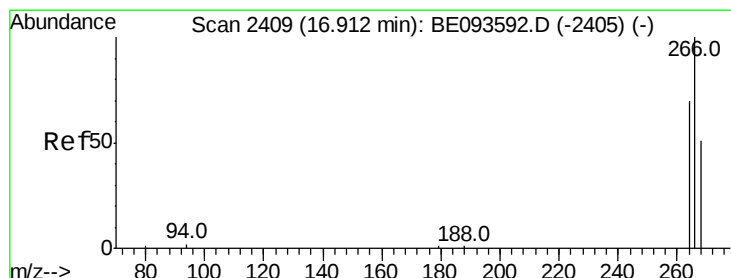
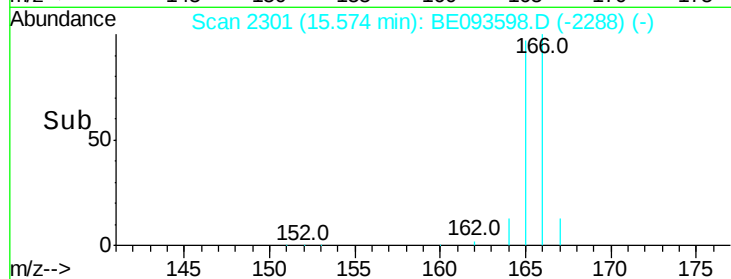
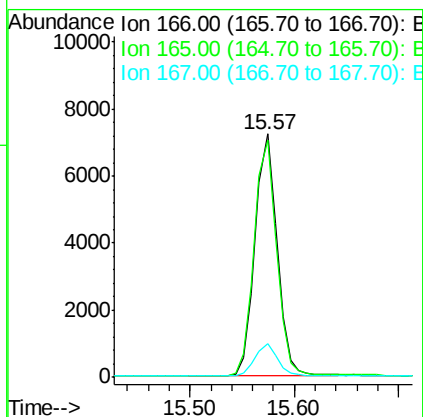
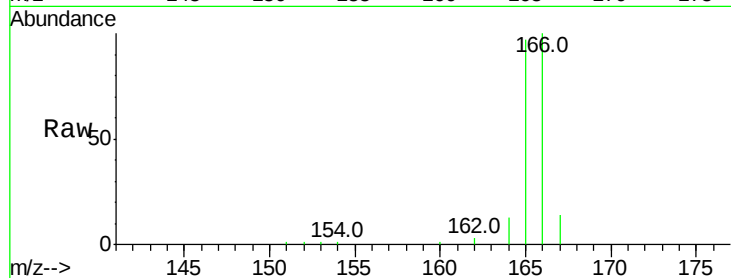




#9
Fluorene
 Concen: 0.384 ng/ul
 RT: 15.57 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: BE093598.D
 Acq: 26 Jul 2017 4:04

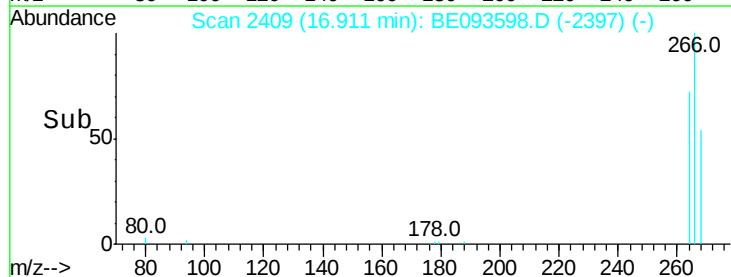
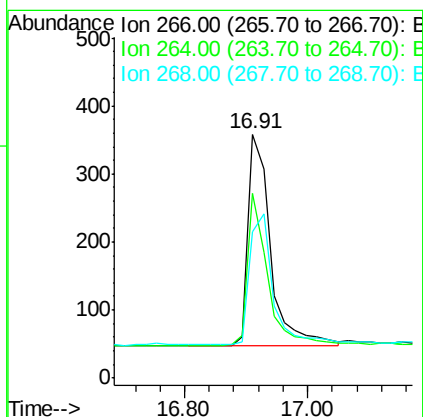
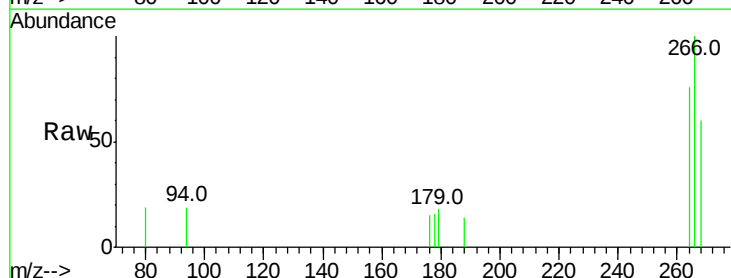
Instrument :
 BNA_E
 ClientSampleId :
 SST0.441

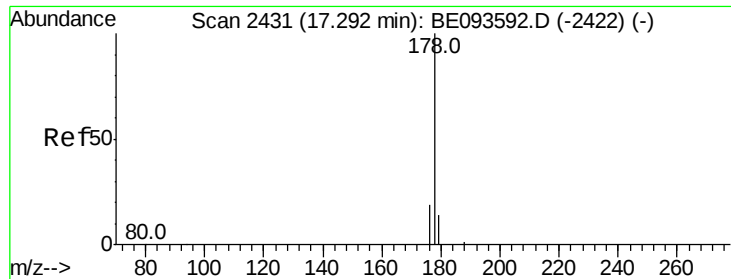
Tot Ion:166 Resp: 10449
 Ion Ratio Lower Upper
 166 100
 165 97.2 73.4 110.2
 167 14.1 14.6 22.0#



#11
Pentachlorophenol
 Concen: 0.287 ng/ul
 RT: 16.91 min Scan# 2409
 Delta R.T. -0.00 min
 Lab File: BE093598.D
 Acq: 26 Jul 2017 4:04

Tgt Ion:266 Resp: 793
 Ion Ratio Lower Upper
 266 100
 264 64.3 47.9 71.9
 268 63.9 49.8 74.8





#12

Phenanthrene

Concen: 0.397 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BE093598.D

Acq: 26 Jul 2017 4:04

Instrument :

BNA_E

ClientSampleId :

SSTD0.441

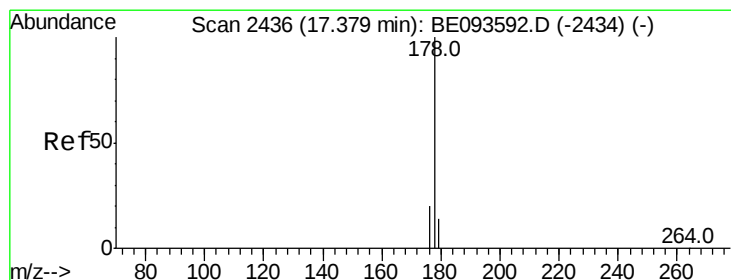
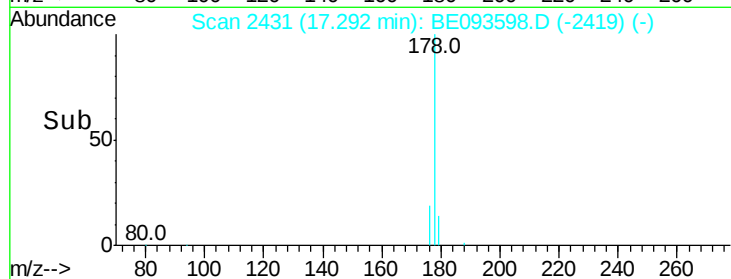
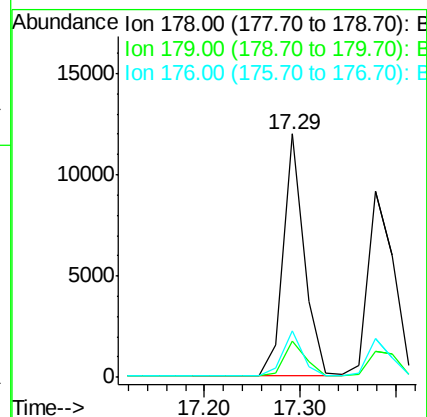
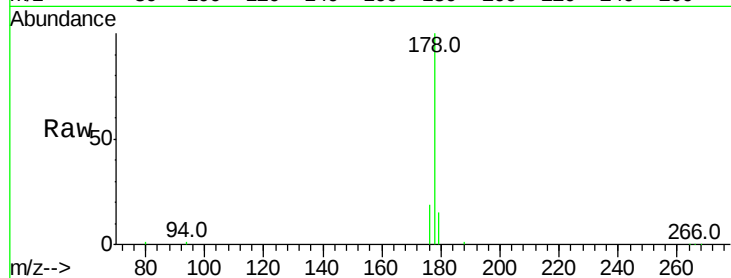
Tot Ion:178 Resp: 18077

Ion Ratio Lower Upper

178 100

179 14.9 18.4 27.6#

176 19.3 13.6 20.4



#13

Anthracene

Concen: 0.385 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BE093598.D

Acq: 26 Jul 2017 4:04

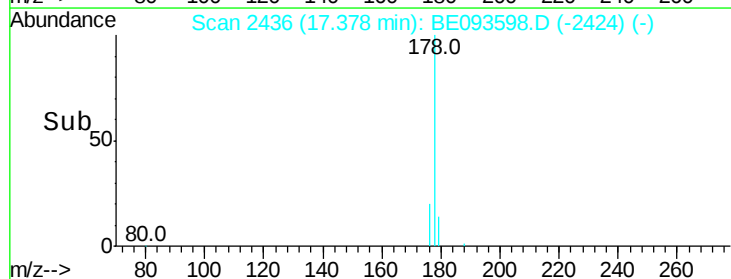
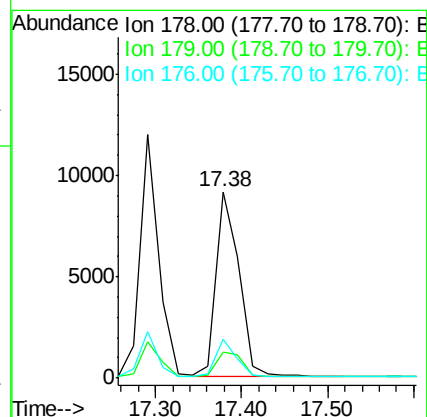
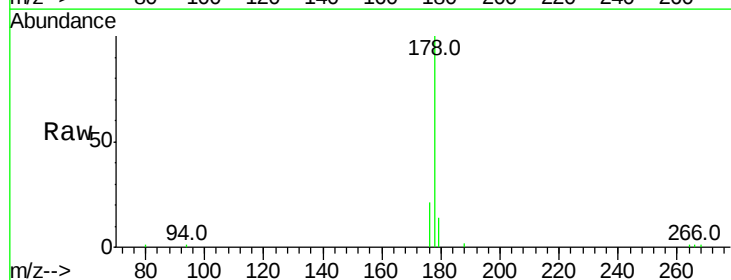
Tgt Ion:178 Resp: 17063

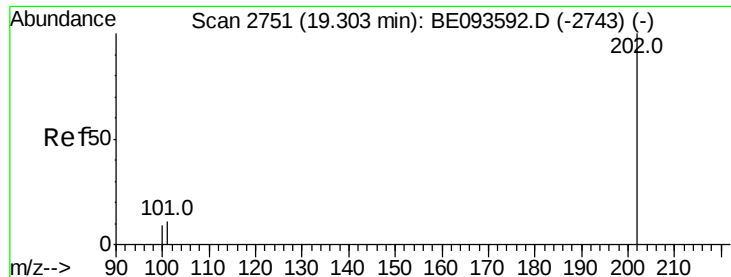
Ion Ratio Lower Upper

178 100

179 14.3 18.1 27.1#

176 20.7 14.7 22.1





#15

Fluoranthene

Concen: 0.362 ng/ul

RT: 19.30 min Scan# 2752

Delta R.T. 0.00 min

Lab File: BE093598.D

Acq: 26 Jul 2017 4:04

Instrument :

BNA_E

ClientSampleId :

SSTD0.441

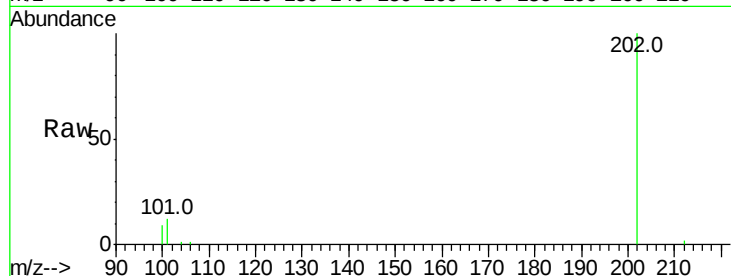
Tot Ion:202 Resp: 20648

Ion Ratio Lower Upper

202 100

101 11.7 0.0 30.3

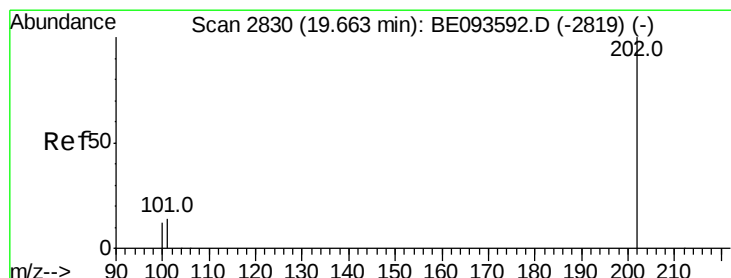
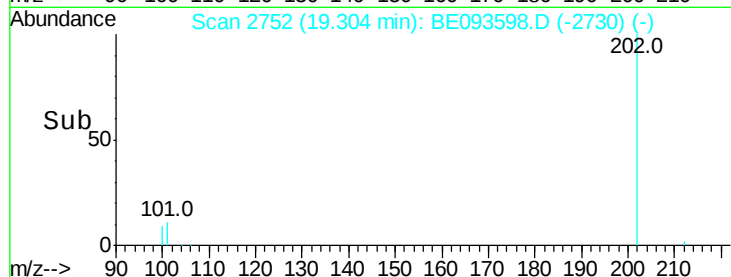
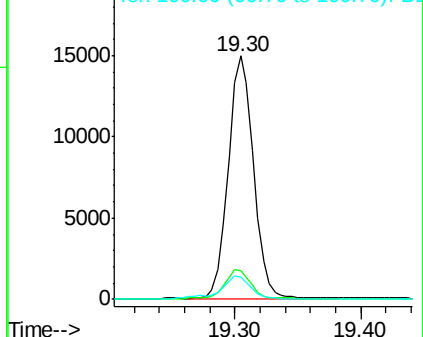
100 9.3 0.0 39.5



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: 0.394 ng/ul

RT: 19.66 min Scan# 2831

Delta R.T. 0.00 min

Lab File: BE093598.D

Acq: 26 Jul 2017 4:04

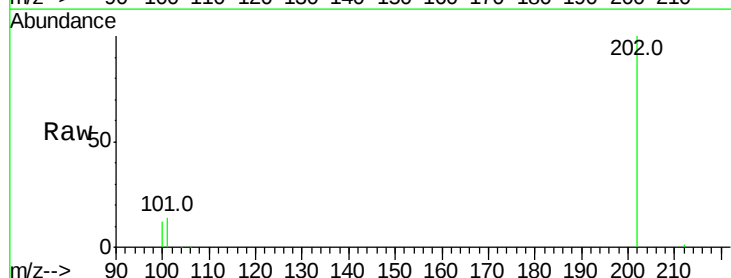
Tgt Ion:202 Resp: 21298

Ion Ratio Lower Upper

202 100

101 13.6 18.2 27.4#

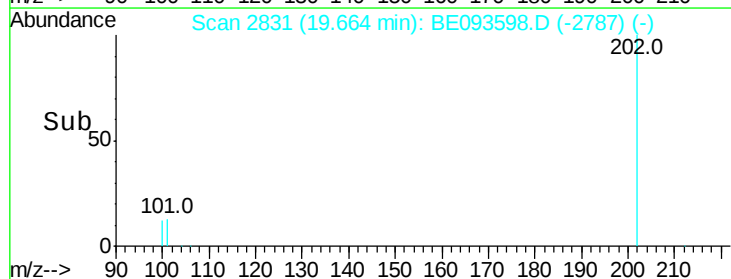
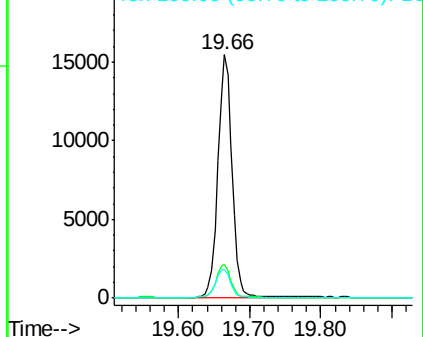
100 11.9 15.6 23.4#

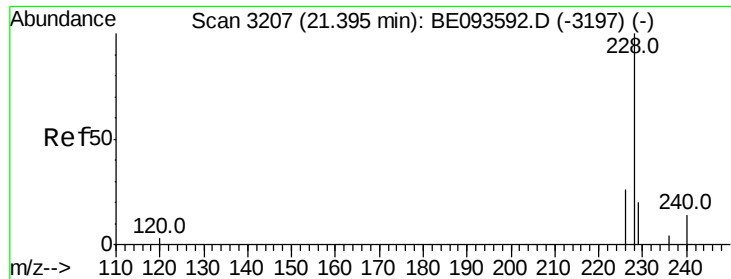


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.386 ng/ul

RT: 21.39 min Scan# 3207

Delta R.T. -0.00 min

Lab File: BE093598.D

Acq: 26 Jul 2017 4:04

Instrument :

BNA_E

ClientSampleId :

SSTD0.441

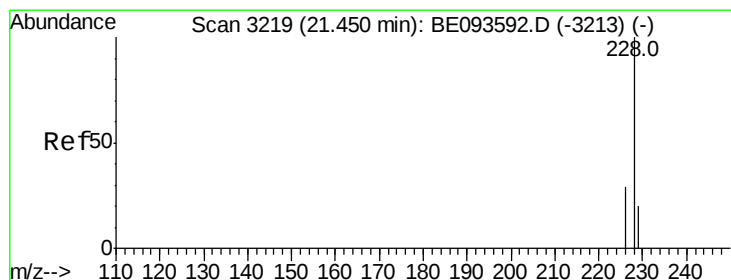
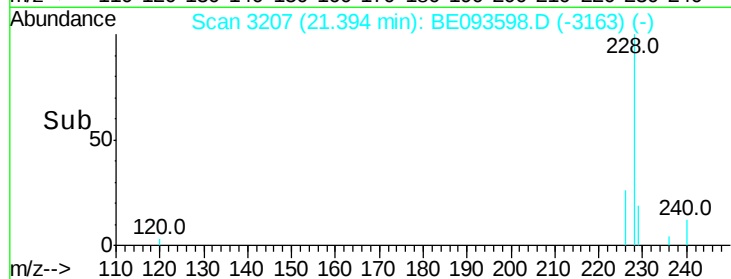
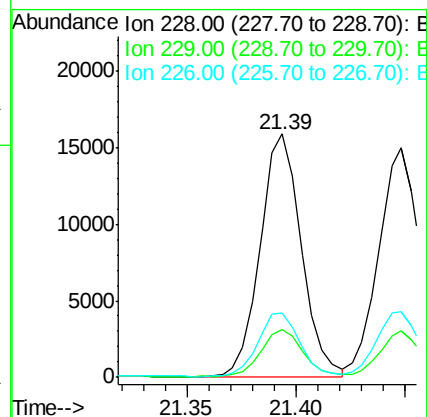
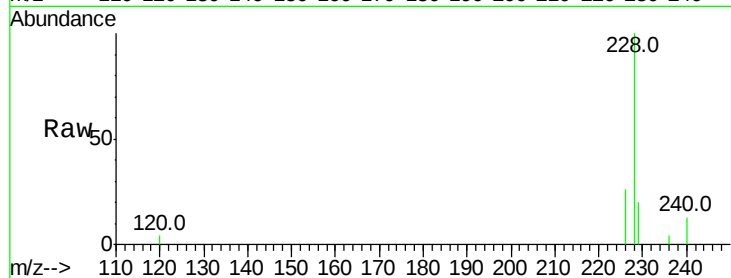
Tot Ion:228 Resp: 20698

Ion Ratio Lower Upper

228 100

229 19.6 22.8 34.2#

226 26.2 17.0 25.6#



#19

Chrysene

Concen: 0.394 ng/ul

RT: 21.45 min Scan# 3219

Delta R.T. -0.00 min

Lab File: BE093598.D

Acq: 26 Jul 2017 4:04

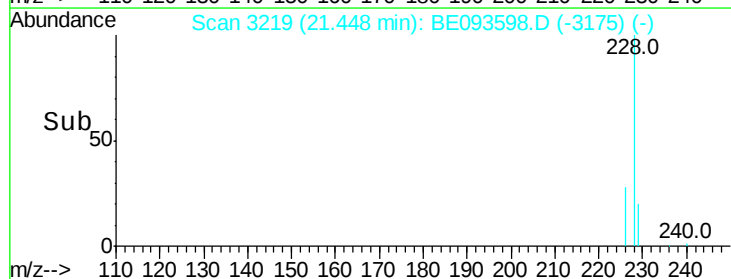
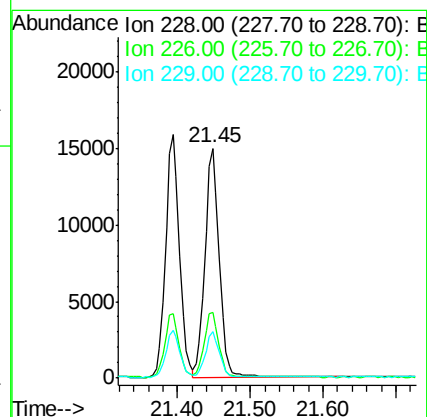
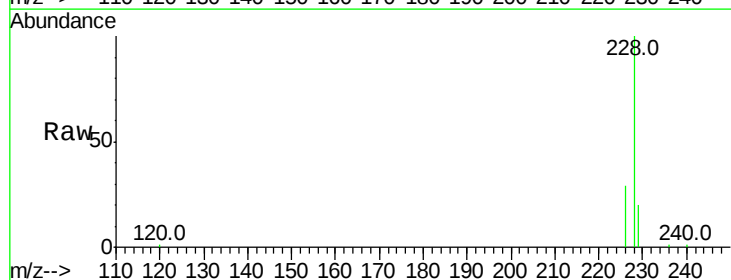
Tgt Ion:228 Resp: 20275

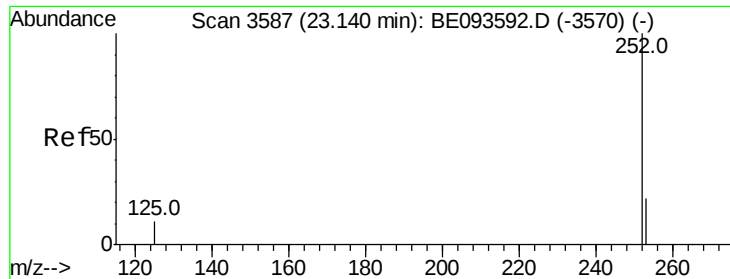
Ion Ratio Lower Upper

228 100

226 28.8 23.4 35.0

229 20.0 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.379 ng/ul

RT: 23.14 min Scan# 3587

Delta R.T. -0.00 min

Lab File: BE093598.D

Acq: 26 Jul 2017 4:04

Instrument :

BNA_E

ClientSampleId :

SSTD0.441

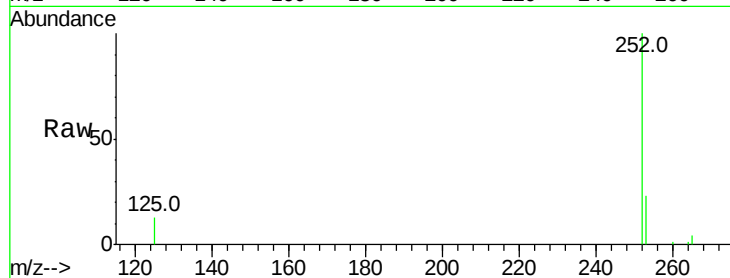
Tot Ion:252 Resp: 19428

Ion Ratio Lower Upper

252 100

253 22.8 0.0 64.2

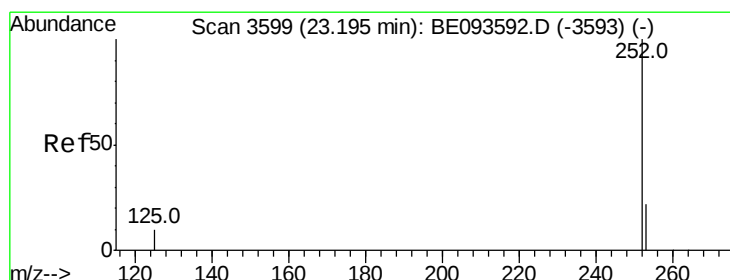
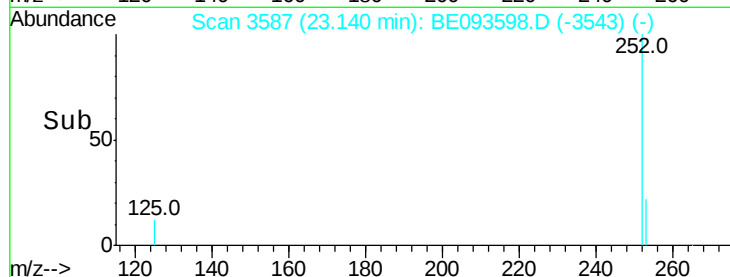
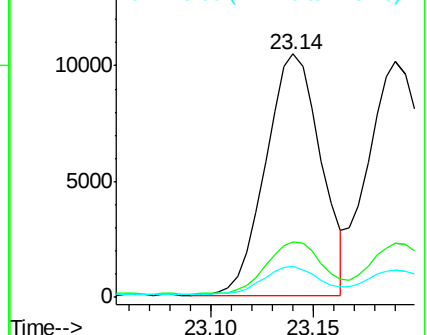
125 12.8 0.0 35.0



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: 0.393 ng/ul

RT: 23.19 min Scan# 3598

Delta R.T. -0.00 min

Lab File: BE093598.D

Acq: 26 Jul 2017 4:04

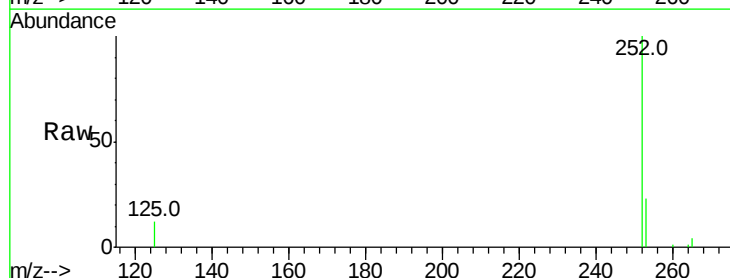
Tgt Ion:252 Resp: 19843

Ion Ratio Lower Upper

252 100

253 22.8 24.5 36.7#

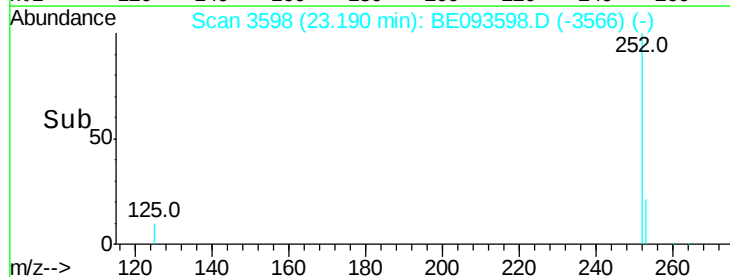
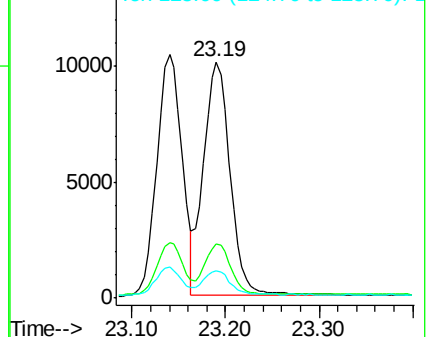
125 11.6 13.7 20.5#

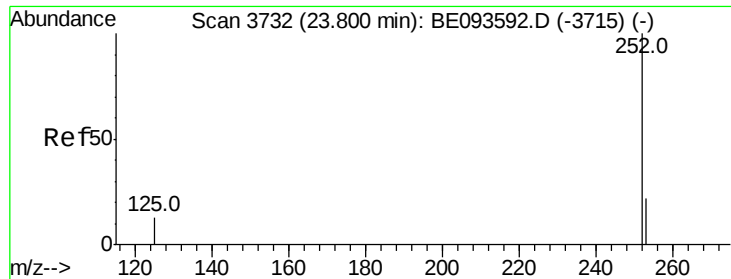


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.387 ng/ul

RT: 23.80 min Scan# 3731

Delta R.T. -0.00 min

Lab File: BE093598.D

Acq: 26 Jul 2017 4:04

Instrument :

BNA_E

ClientSampleId :

SSTD0.441

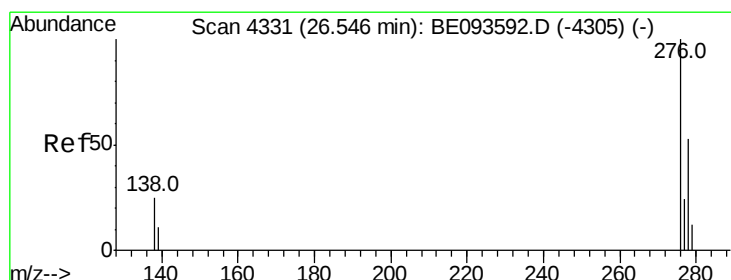
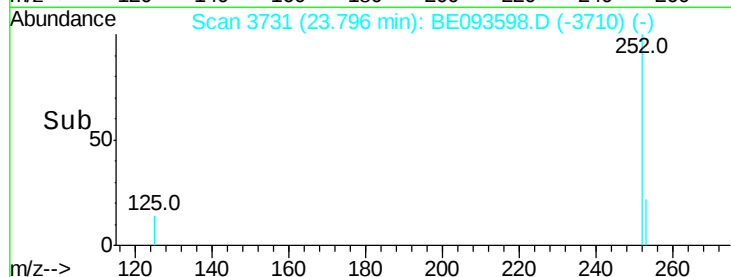
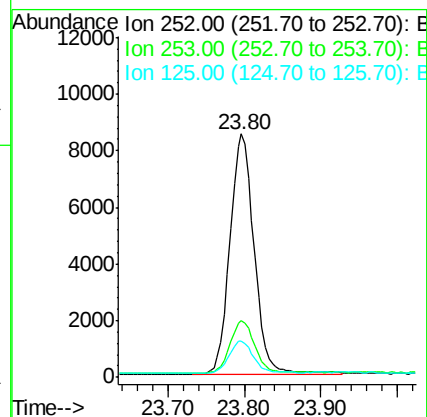
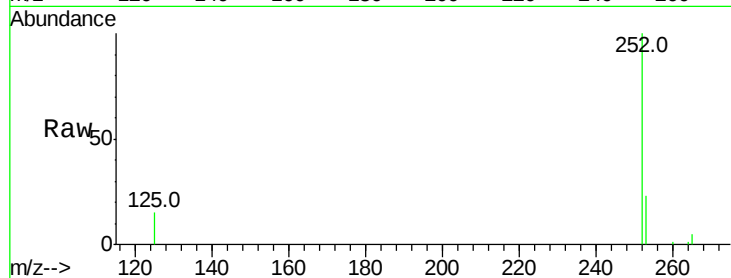
Tot Ion:252 Resp: 18862

Ion Ratio Lower Upper

252 100

253 23.4 28.5 42.7#

125 15.1 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.387 ng/ul

RT: 26.55 min Scan# 4331

Delta R.T. -0.00 min

Lab File: BE093598.D

Acq: 26 Jul 2017 4:04

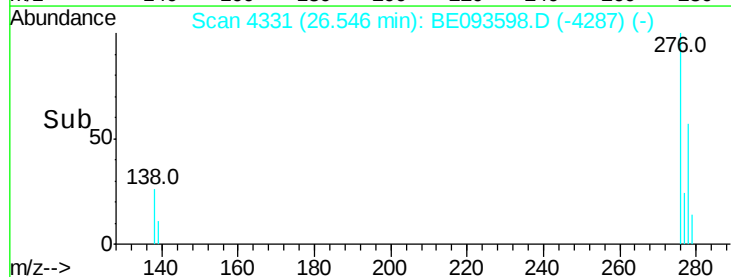
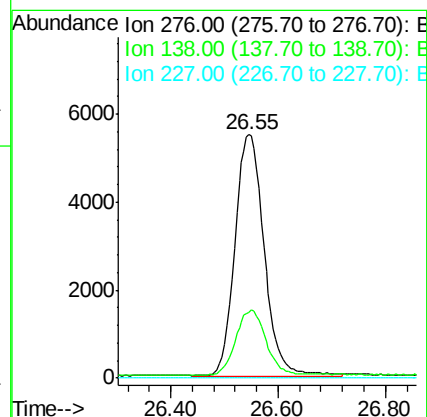
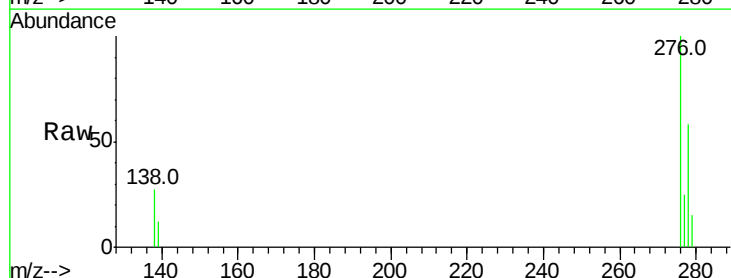
Tgt Ion:276 Resp: 20781

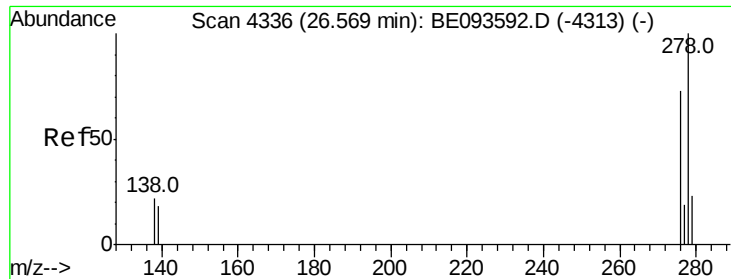
Ion Ratio Lower Upper

276 100

138 27.7 28.0 42.0#

227 0.0 8.0 12.0#





#25

Dibenzo(a,h)anthracene

Concen: 0.389 ng/ul

RT: 26.56 min Scan# 4335

Delta R.T. -0.00 min

Lab File: BE093598.D

Acq: 26 Jul 2017 4:04

Instrument :

BNA_E

ClientSampleId :

SSTD0.441

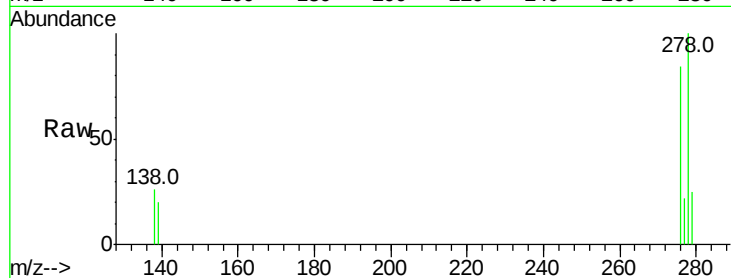
Tot Ion:278 Resp: 17493

Ion Ratio Lower Upper

278 100

139 19.8 17.4 26.0

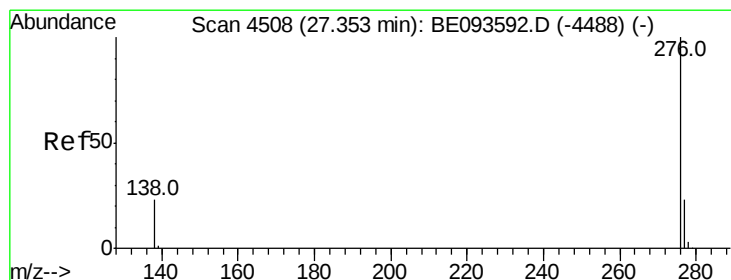
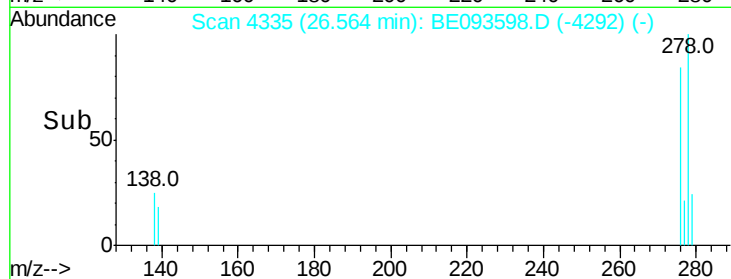
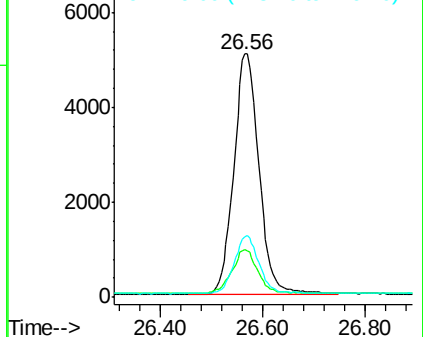
279 25.0 25.9 38.9#



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: 0.379 ng/ul

RT: 27.36 min Scan# 4509

Delta R.T. 0.00 min

Lab File: BE093598.D

Acq: 26 Jul 2017 4:04

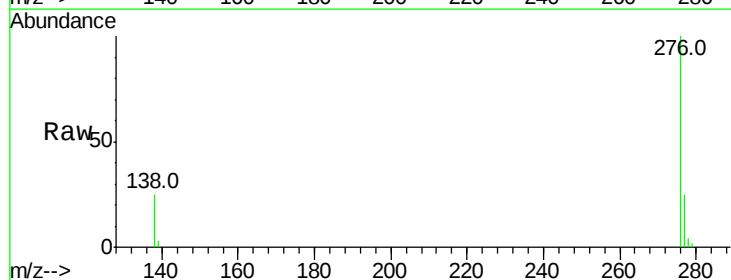
Tgt Ion:276 Resp: 17150

Ion Ratio Lower Upper

276 100

138 24.6 21.8 32.8

277 24.5 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

