

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072417\
 Data File : BE093557.D
 Acq On : 25 Jul 2017 2:39
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.437

Quant Time: Jul 25 05:45:19 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 24 18:07:15 2017
 Response via : Initial Calibration

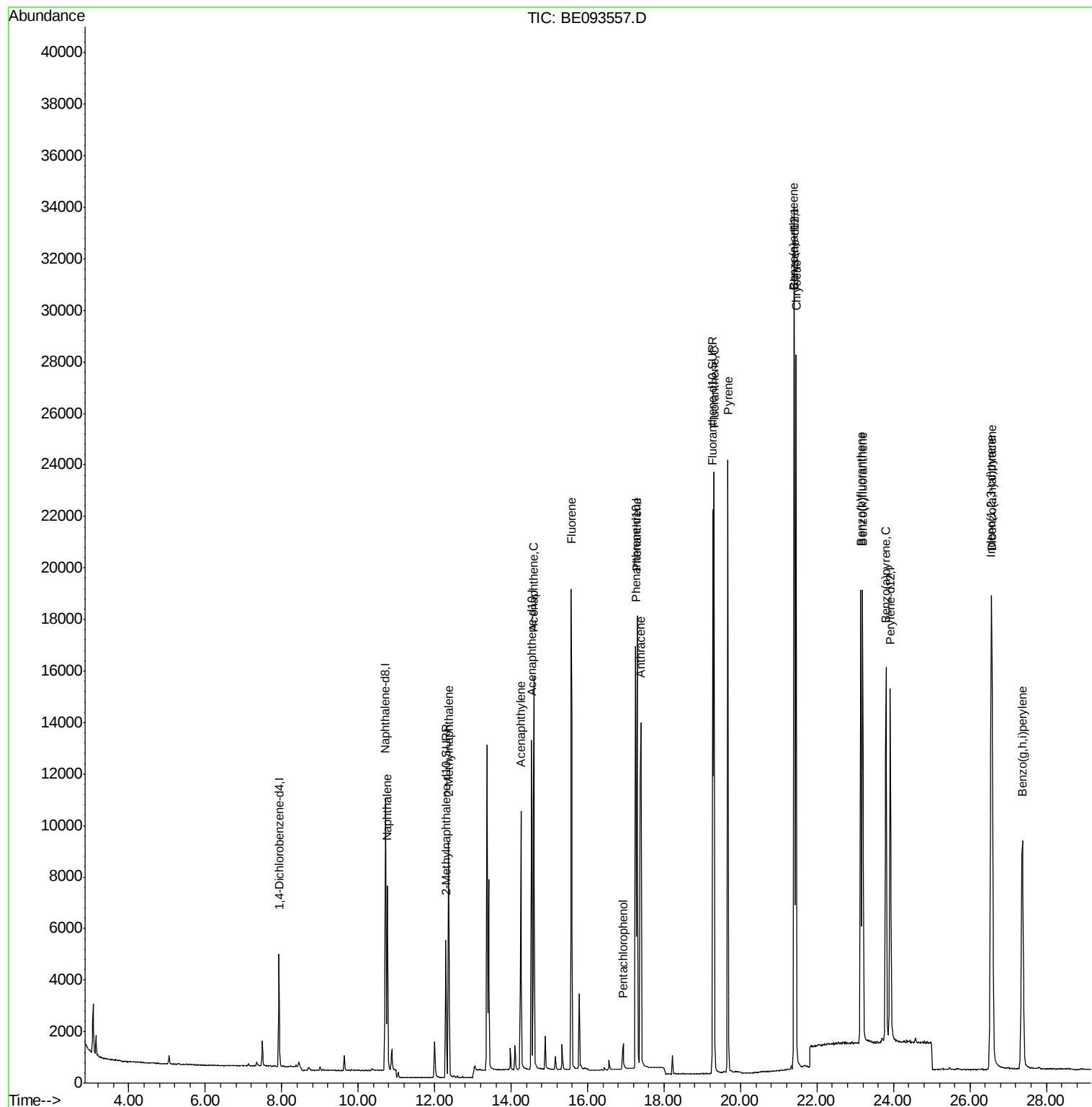
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	2165	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	11257	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	7354	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	20468	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	23605	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	21379	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	7348	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	24475	0.38	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.76	128	11120	0.406	ng/ul#	92
5) 2-Methylnaphthalene	12.37	142	8119	0.406	ng/ul	97
7) Acenaphthylene	14.25	152	12226	0.397	ng/ul	96
8) Acenaphthene	14.59	153	9614	0.397	ng/ul	97
9) Fluorene	15.57	166	12063	0.394	ng/ul#	92
11) Pentachlorophenol	16.93	266	1045	0.310	ng/ul	95
12) Phenanthrene	17.29	178	21714	0.390	ng/ul#	86
13) Anthracene	17.39	178	20737	0.382	ng/ul#	92
15) Fluoranthene	19.31	202	26396	0.379	ng/ul	84
17) Pyrene	19.67	202	26993	0.392	ng/ul#	81
18) Benzo(a)anthracene	21.39	228	26290	0.384	ng/ul#	85
19) Chrysene	21.45	228	25896	0.394	ng/ul	97
21) Benzo(b)fluoranthene	23.14	252	25582	0.387	ng/ul	85
22) Benzo(k)fluoranthene	23.19	252	24749	0.379	ng/ul#	88
23) Benzo(a)pyrene	23.80	252	24297	0.386	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	26.55	276	26790	0.386	ng/ul#	83
25) Dibenzo(a,h)anthracene	26.57	278	22602	0.389	ng/ul#	90
26) Benzo(g,h,i)perylene	27.37	276	22166	0.379	ng/ul	97

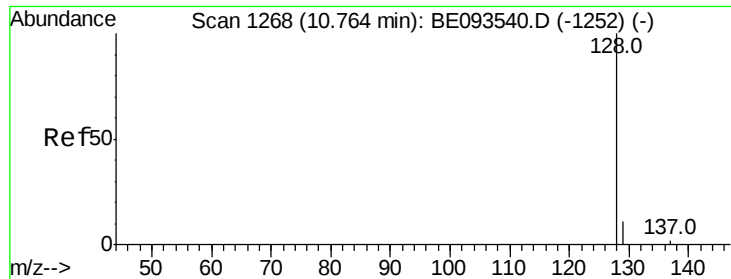
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072417\
Data File : BE093557.D
Acq On : 25 Jul 2017 2:39
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Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTD0.437

Quant Time: Jul 25 05:45:19 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
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#3

Naphthalene

Concen: 0.406 ng/ul

RT: 10.76 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BE093557.D

Acq: 25 Jul 2017 2:39

Instrument :

BNA_E

ClientSampleId :

SSTD0.437

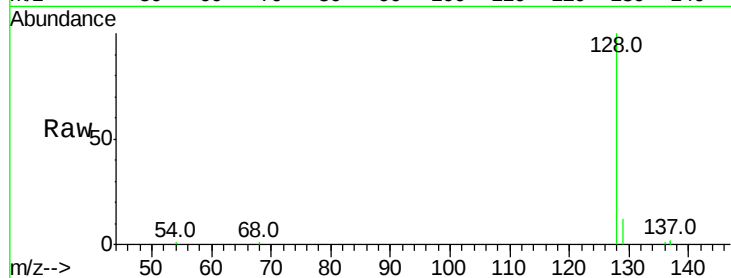
Tot Ion:128 Resp: 11120

Ion Ratio Lower Upper

128 100

129 11.6 11.3 16.9

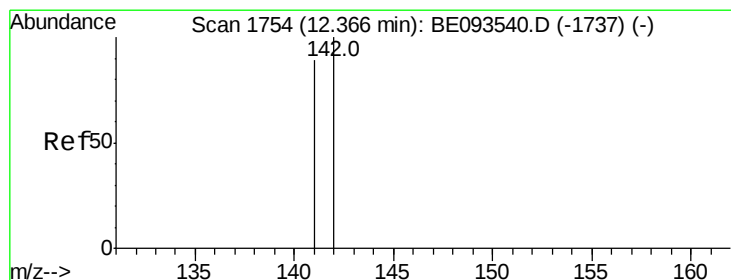
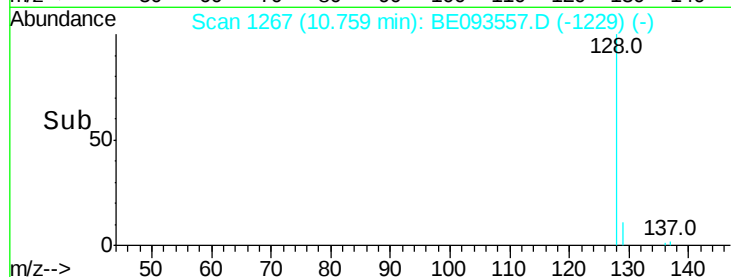
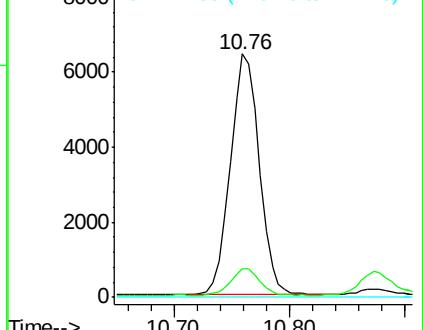
127 0.0 4.0 6.0#



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: 0.406 ng/ul

RT: 12.37 min Scan# 1754

Delta R.T. -0.00 min

Lab File: BE093557.D

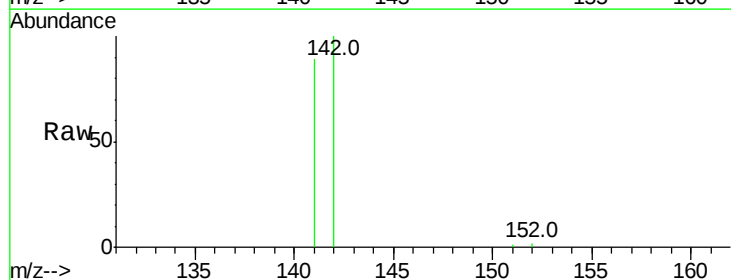
Acq: 25 Jul 2017 2:39

Tgt Ion:142 Resp: 8119

Ion Ratio Lower Upper

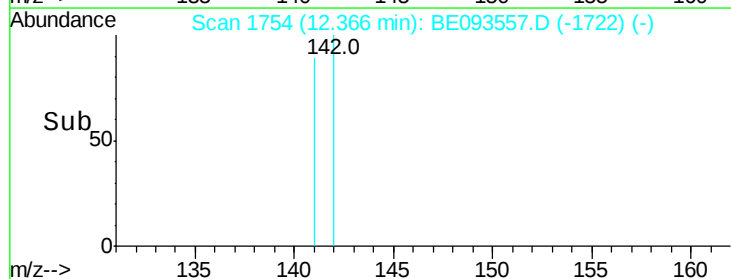
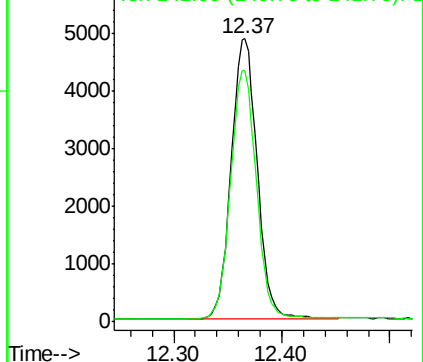
142 100

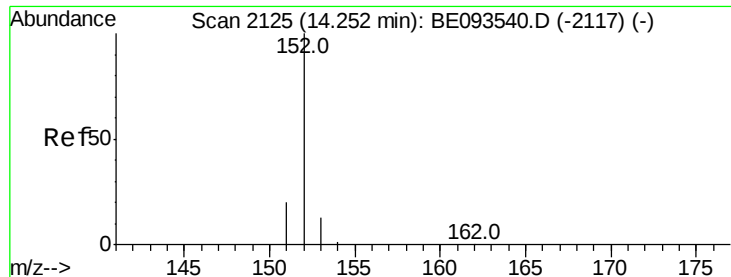
141 88.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.397 ng/ul

RT: 14.25 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BE093557.D

Acq: 25 Jul 2017 2:39

Instrument :

BNA_E

ClientSampleId :

SSTD0.437

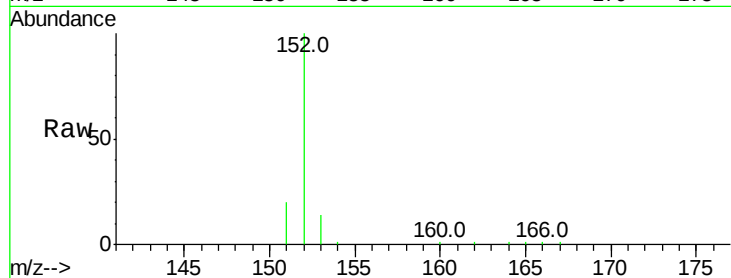
Tot Ion:152 Resp: 12226

Ion Ratio Lower Upper

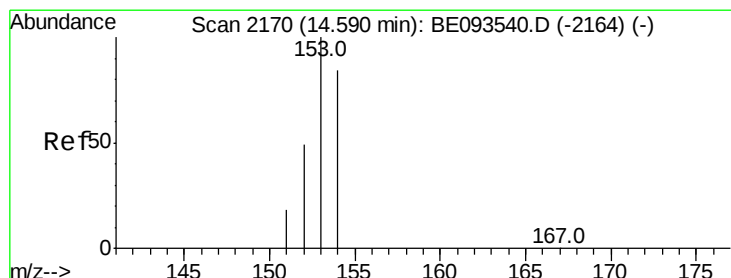
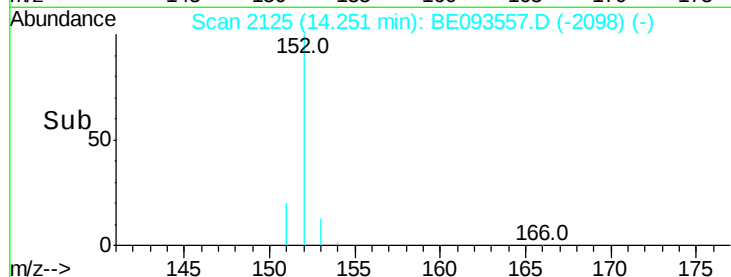
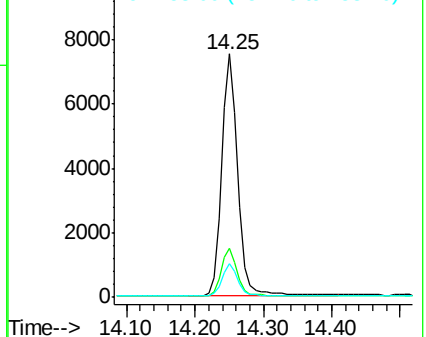
152 100

151 20.3 17.1 25.7

153 13.8 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: 0.397 ng/ul

RT: 14.59 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BE093557.D

Acq: 25 Jul 2017 2:39

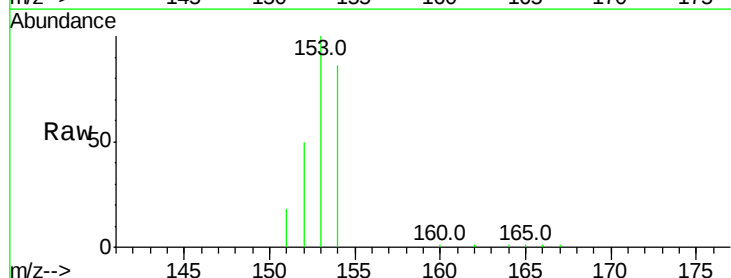
Tgt Ion:153 Resp: 9614

Ion Ratio Lower Upper

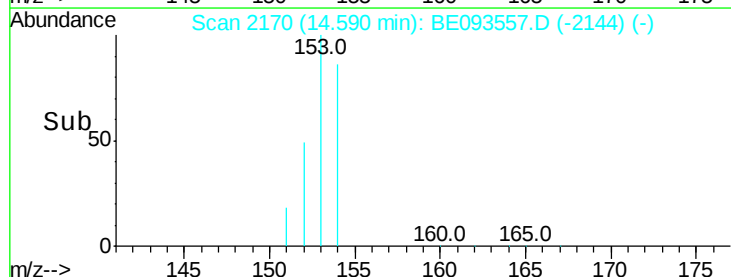
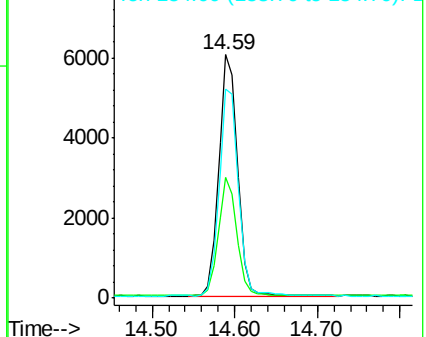
153 100

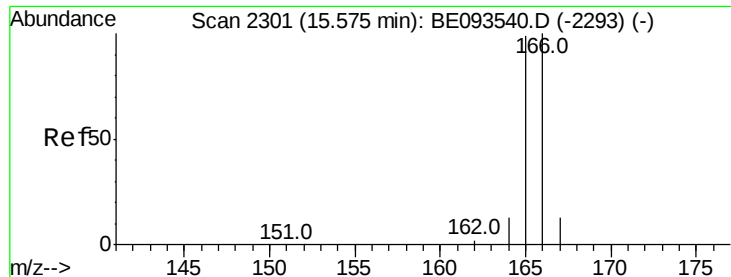
152 49.6 40.3 60.5

154 85.8 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: 0.394 ng/ul

RT: 15.57 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BE093557.D

Acq: 25 Jul 2017 2:39

Instrument :

BNA_E

ClientSampleId :

SSTD0.437

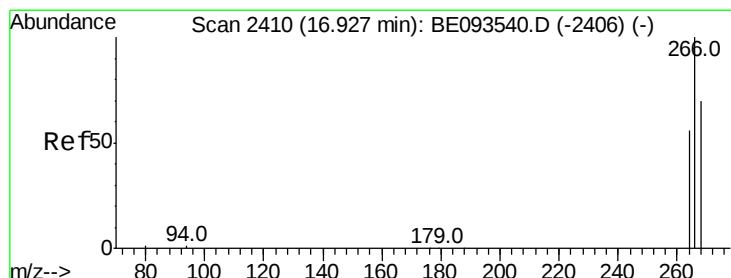
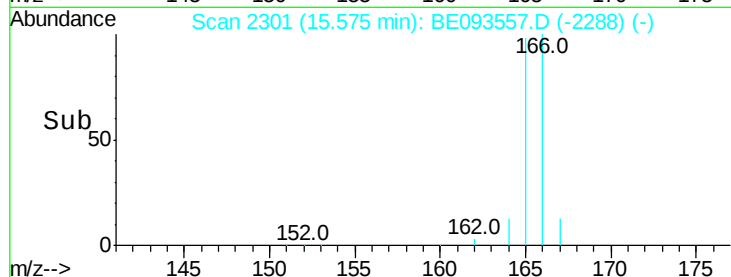
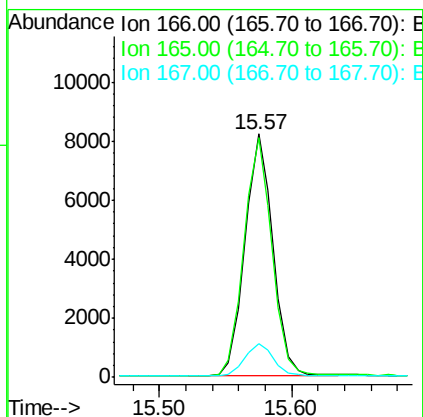
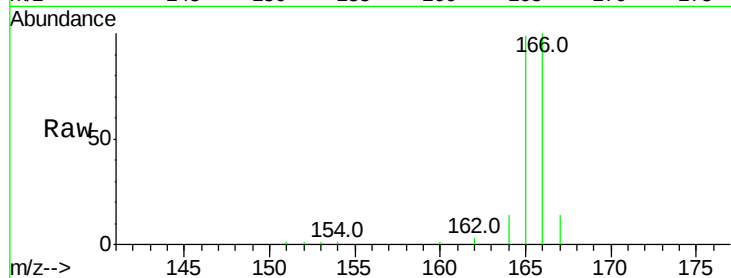
Tot Ion:166 Resp: 12063

Ion Ratio Lower Upper

166 100

165 98.6 73.4 110.2

167 13.8 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.310 ng/ul

RT: 16.93 min Scan# 2410

Delta R.T. -0.00 min

Lab File: BE093557.D

Acq: 25 Jul 2017 2:39

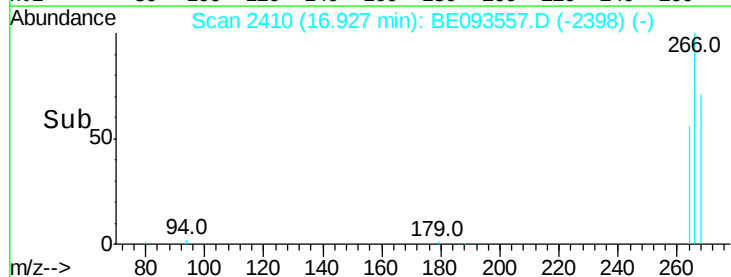
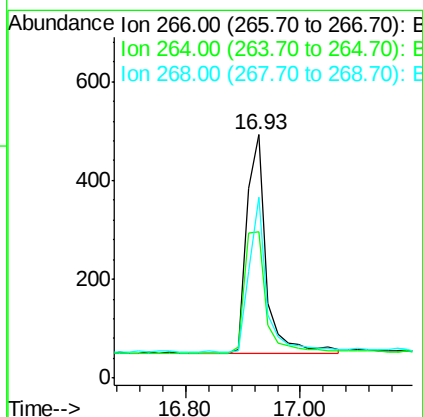
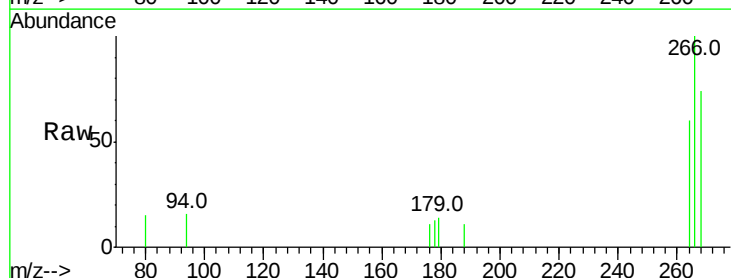
Tgt Ion:266 Resp: 1045

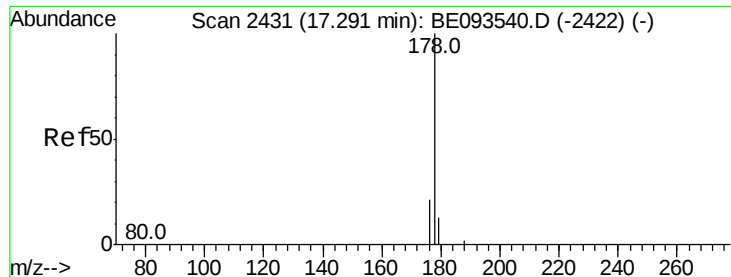
Ion Ratio Lower Upper

266 100

264 64.2 47.9 71.9

268 65.1 49.8 74.8





#12

Phenanthrene

Concen: 0.390 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. -0.02 min

Lab File: BE093557.D

Acq: 25 Jul 2017 2:39

Instrument :

BNA_E

ClientSampleId :

SSTD0.437

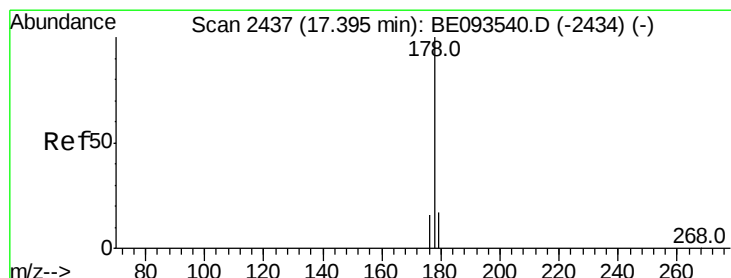
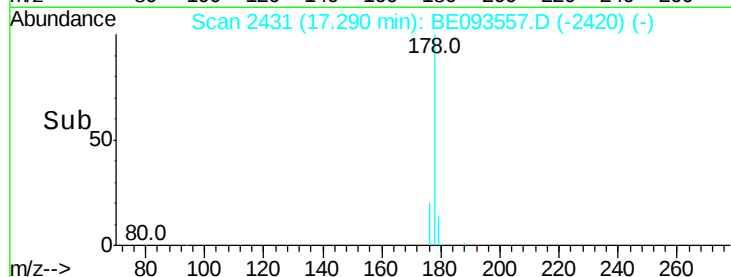
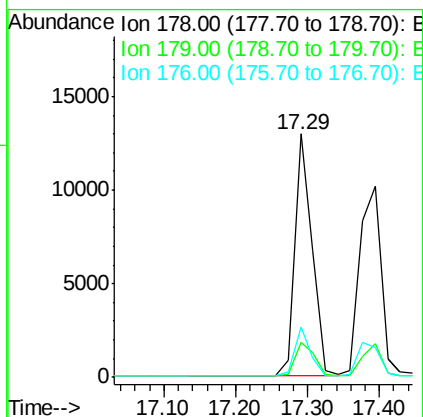
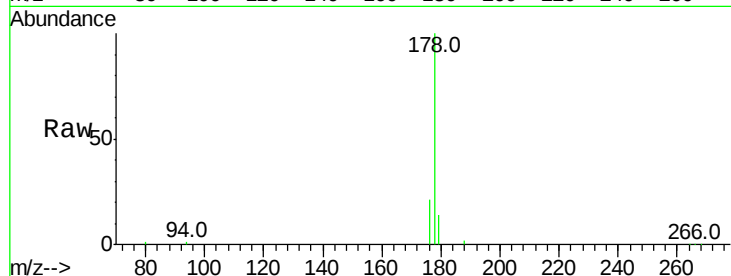
Tot Ion:178 Resp: 21714

Ion Ratio Lower Upper

178 100

179 14.2 18.4 27.6#

176 20.8 13.6 20.4#



#13

Anthracene

Concen: 0.382 ng/ul

RT: 17.39 min Scan# 2437

Delta R.T. -0.00 min

Lab File: BE093557.D

Acq: 25 Jul 2017 2:39

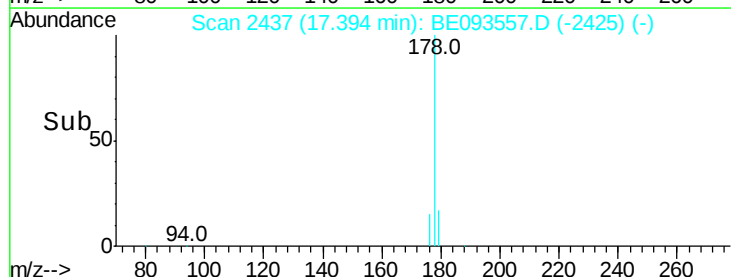
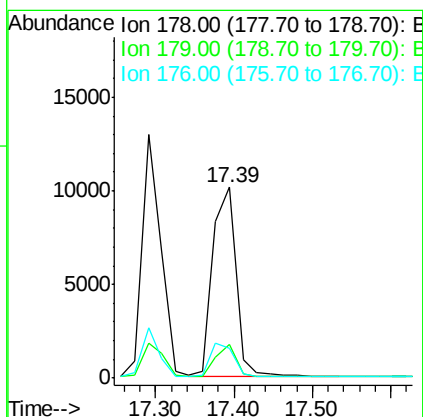
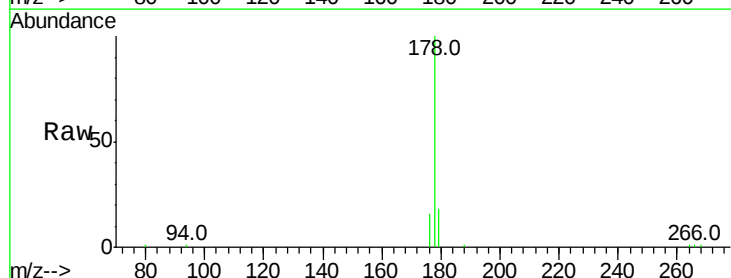
Tgt Ion:178 Resp: 20737

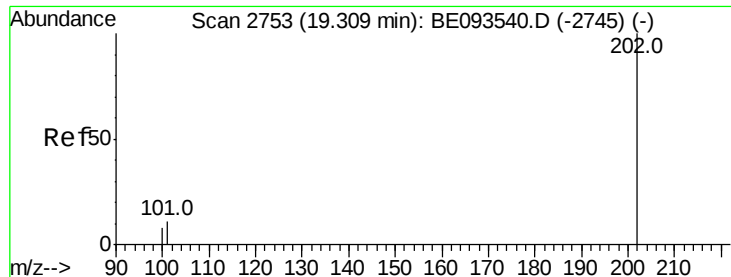
Ion Ratio Lower Upper

178 100

179 17.9 18.1 27.1#

176 16.0 14.7 22.1





#15

Fluoranthene

Concen: 0.379 ng/ul

RT: 19.31 min Scan# 2753

Delta R.T. -0.00 min

Lab File: BE093557.D

Acq: 25 Jul 2017 2:39

Instrument :

BNA_E

ClientSampleId :

SSTD0.437

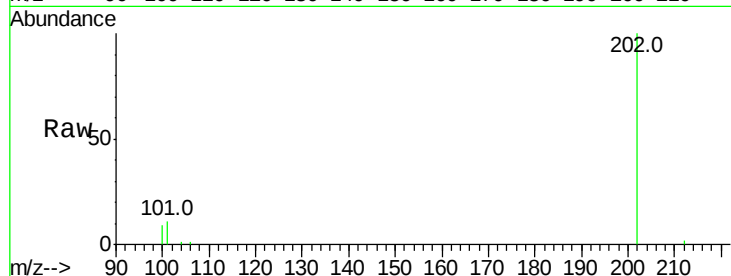
Tot Ion:202 Resp: 26396

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.3

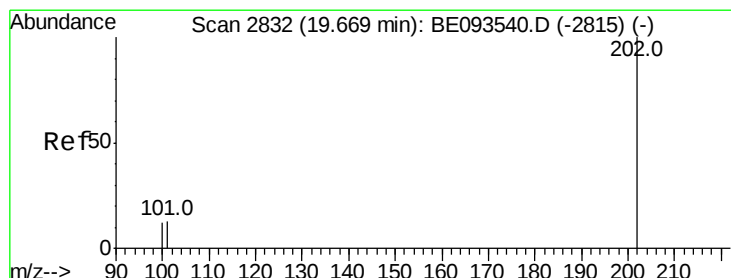
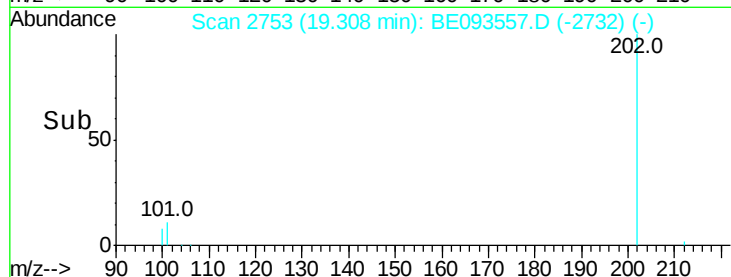
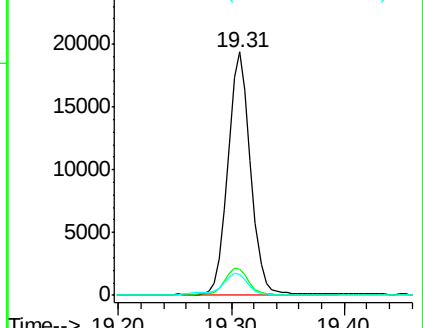
100 8.7 0.0 39.5



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: 0.392 ng/ul

RT: 19.67 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BE093557.D

Acq: 25 Jul 2017 2:39

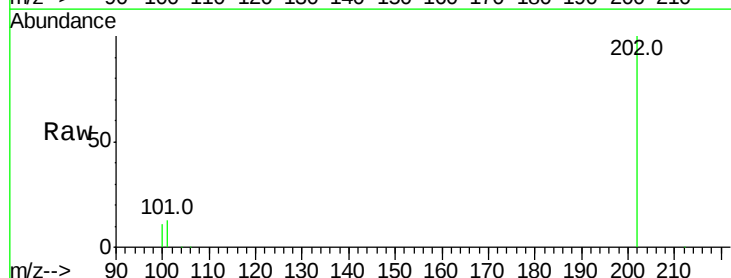
Tgt Ion:202 Resp: 26993

Ion Ratio Lower Upper

202 100

101 13.1 18.2 27.4#

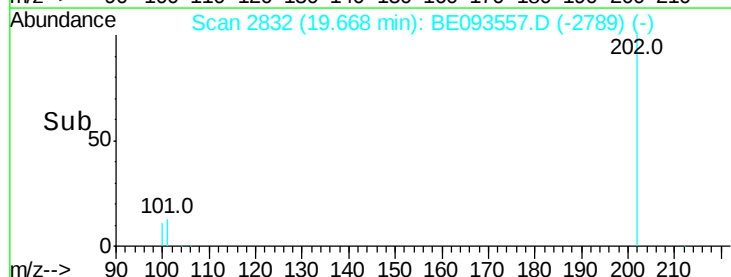
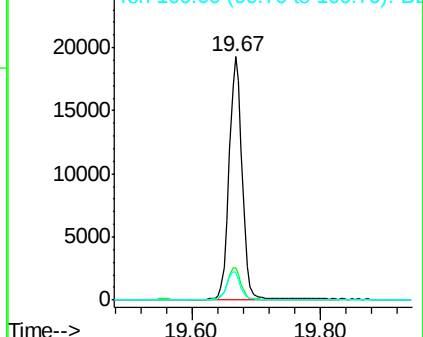
100 11.2 15.6 23.4#

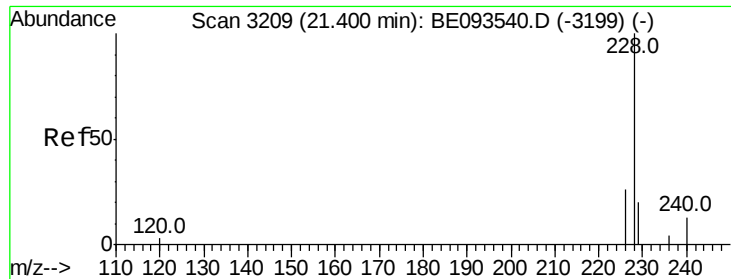


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.384 ng/ul

RT: 21.39 min Scan# 3208

Delta R.T. -0.00 min

Lab File: BE093557.D

Acq: 25 Jul 2017 2:39

Instrument :

BNA_E

ClientSampleId :

SSTD0.437

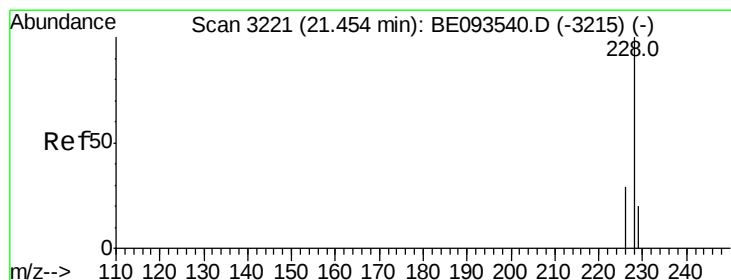
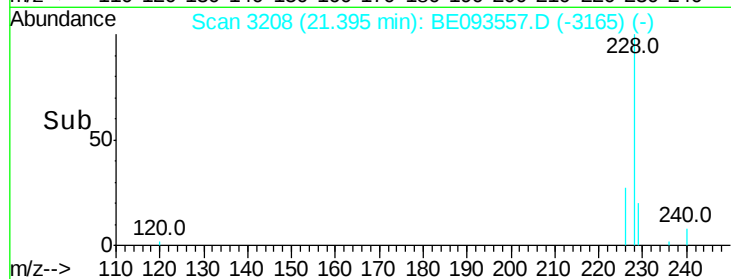
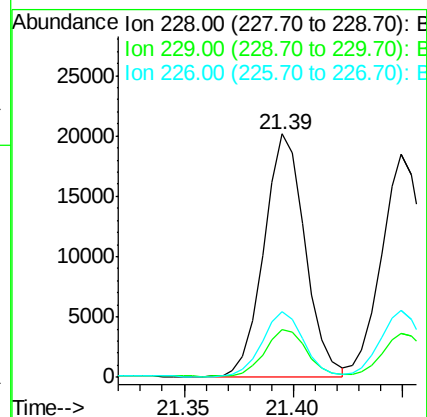
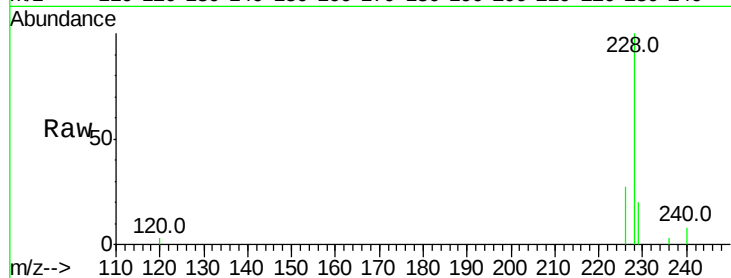
Tot Ion:228 Resp: 26290

Ion Ratio Lower Upper

228 100

229 19.9 22.8 34.2#

226 27.0 17.0 25.6#



#19

Chrysene

Concen: 0.394 ng/ul

RT: 21.45 min Scan# 3220

Delta R.T. -0.00 min

Lab File: BE093557.D

Acq: 25 Jul 2017 2:39

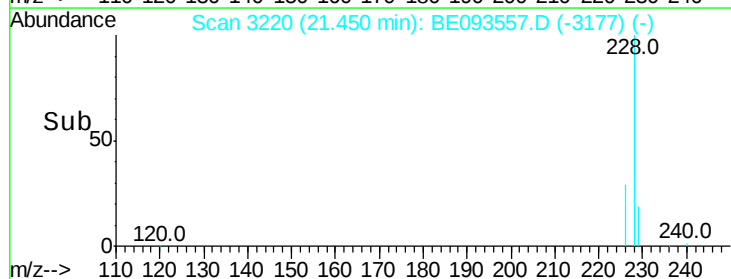
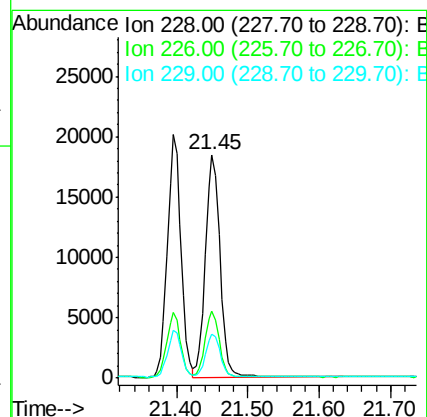
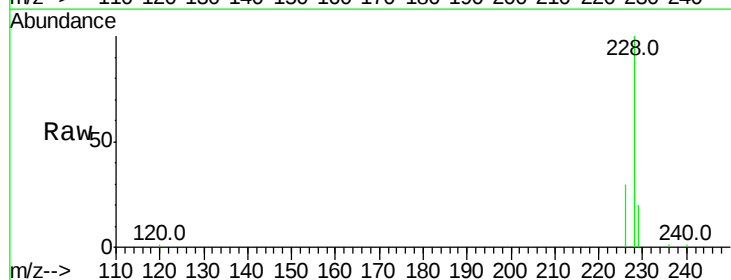
Tgt Ion:228 Resp: 25896

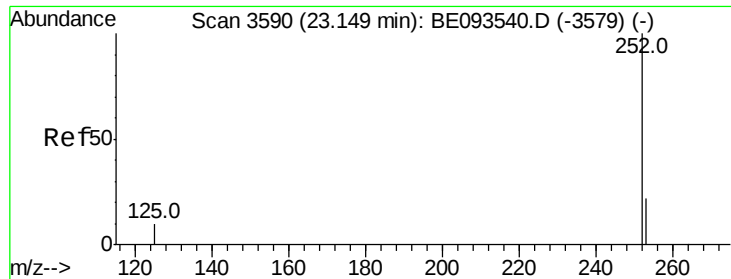
Ion Ratio Lower Upper

228 100

226 29.8 23.4 35.0

229 19.8 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.387 ng/ul

RT: 23.14 min Scan# 3589

Delta R.T. -0.00 min

Lab File: BE093557.D

Acq: 25 Jul 2017 2:39

Instrument :

BNA_E

ClientSampleId :

SSTD0.437

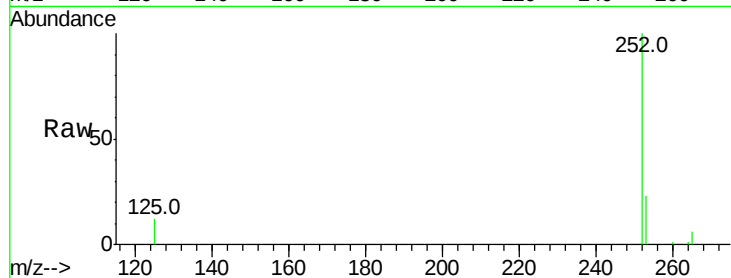
Tot Ion:252 Resp: 25582

Ion Ratio Lower Upper

252 100

253 23.1 0.0 64.2

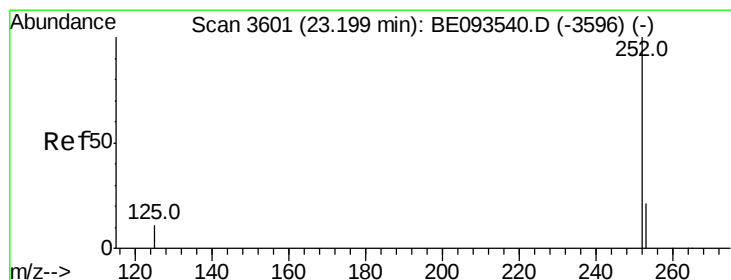
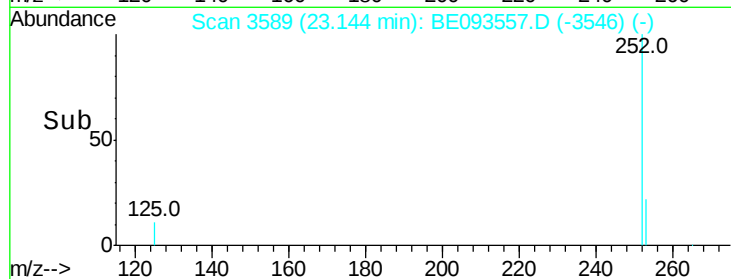
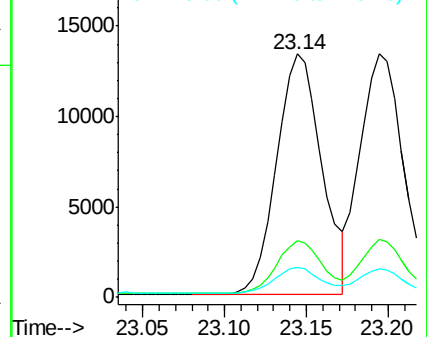
125 12.3 0.0 35.0



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: 0.379 ng/ul

RT: 23.19 min Scan# 3600

Delta R.T. -0.01 min

Lab File: BE093557.D

Acq: 25 Jul 2017 2:39

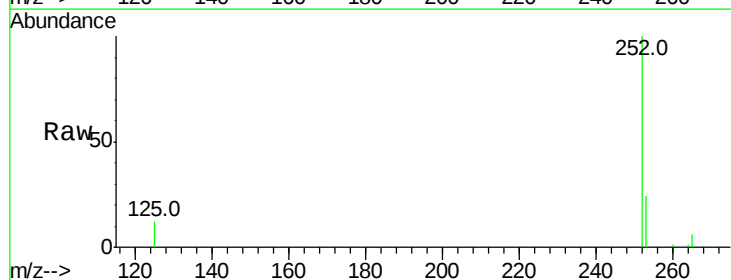
Tgt Ion:252 Resp: 24749

Ion Ratio Lower Upper

252 100

253 23.9 24.5 36.7#

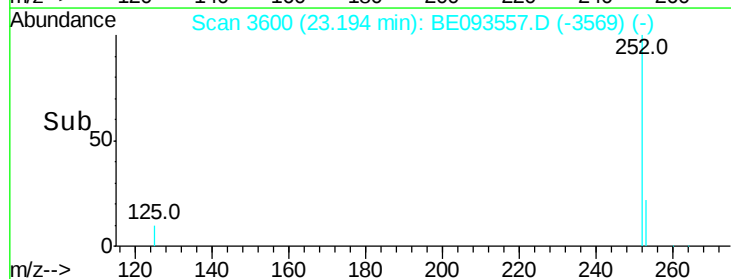
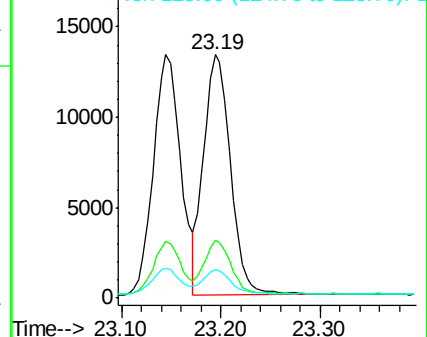
125 11.9 13.7 20.5#

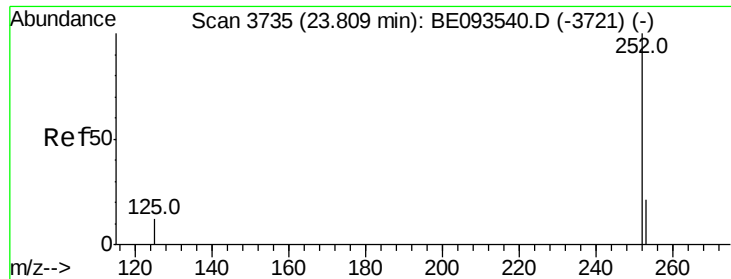


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.386 ng/ul

RT: 23.80 min Scan# 3733

Delta R.T. -0.01 min

Lab File: BE093557.D

Acq: 25 Jul 2017 2:39

Instrument :

BNA_E

ClientSampleId :

SSTD0.437

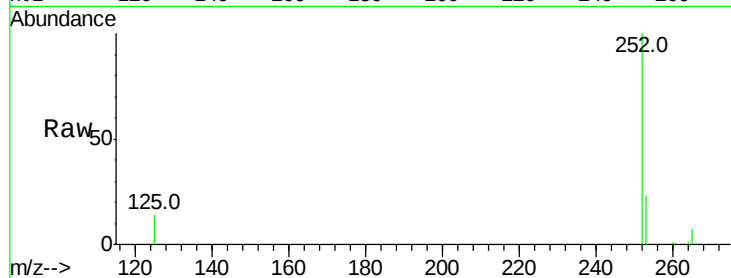
Tot Ion:252 Resp: 24297

Ion Ratio Lower Upper

252 100

253 23.2 28.5 42.7#

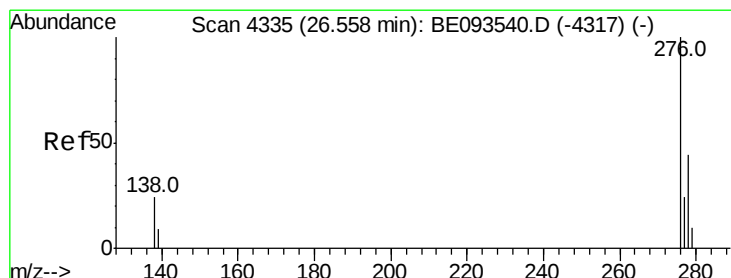
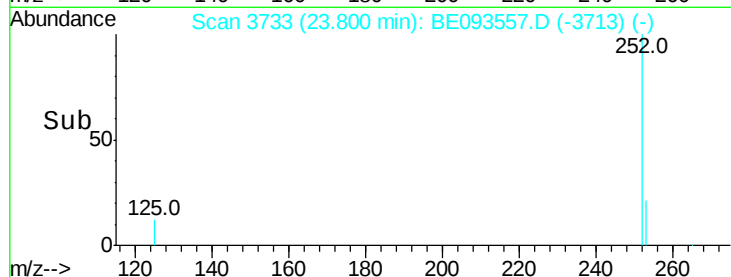
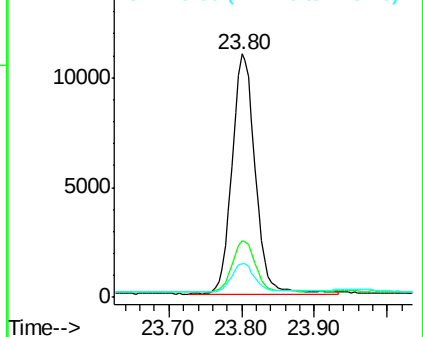
125 14.0 18.1 27.1#



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: 0.386 ng/ul

RT: 26.55 min Scan# 4333

Delta R.T. -0.02 min

Lab File: BE093557.D

Acq: 25 Jul 2017 2:39

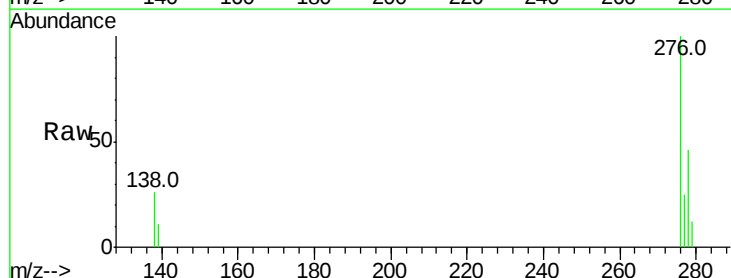
Tgt Ion:276 Resp: 26790

Ion Ratio Lower Upper

276 100

138 27.0 28.0 42.0#

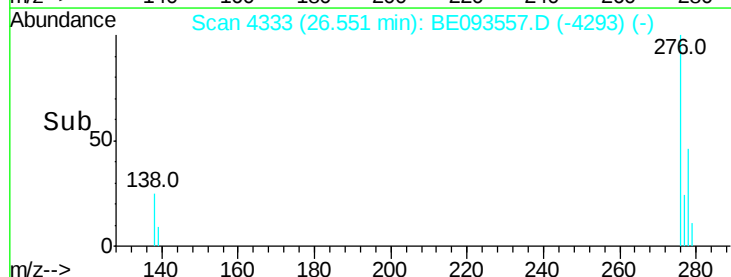
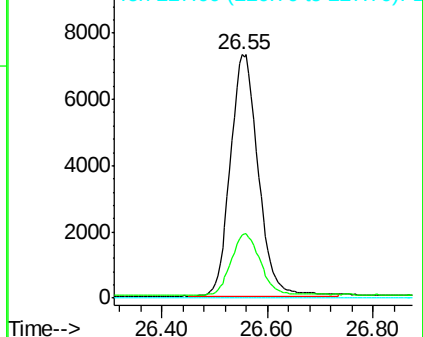
227 0.0 8.0 12.0#

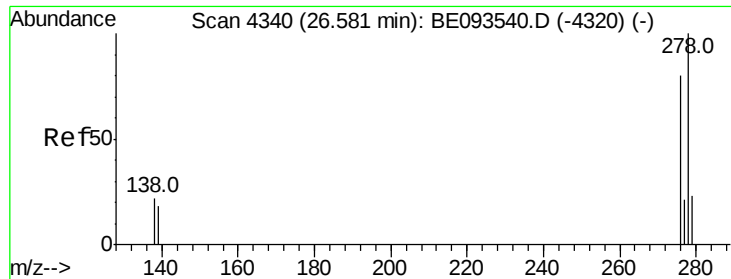


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.389 ng/ul

RT: 26.57 min Scan# 4338

Delta R.T. -0.01 min

Lab File: BE093557.D

Acq: 25 Jul 2017 2:39

Instrument :

BNA_E

ClientSampleId :

SSTD0.437

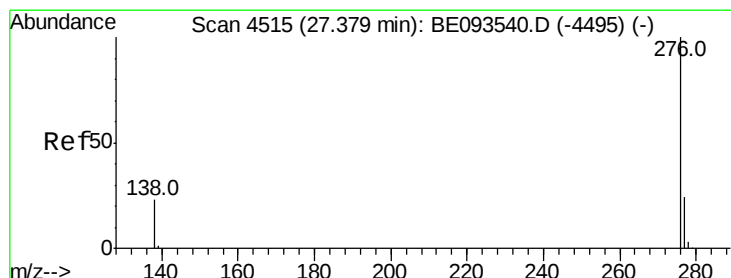
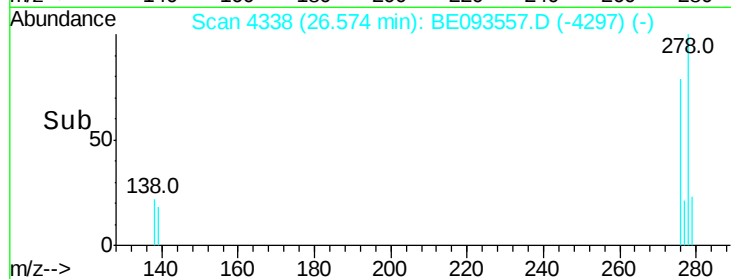
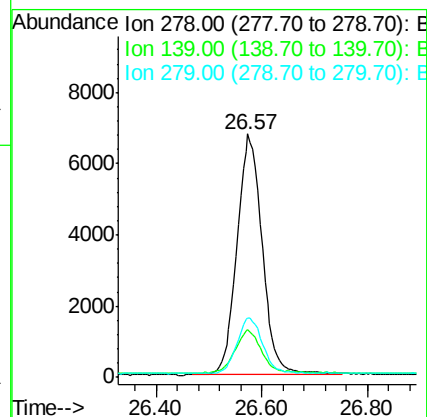
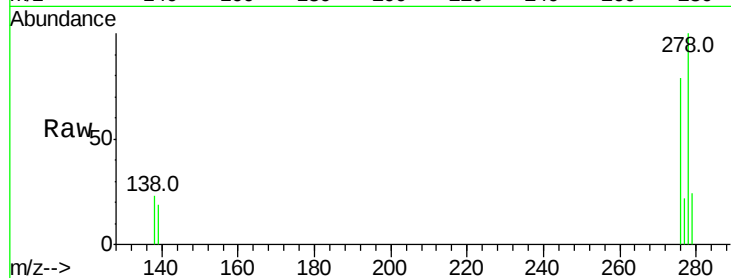
Tot Ion:278 Resp: 22602

Ion Ratio Lower Upper

278 100

139 19.4 17.4 26.0

279 24.4 25.9 38.9#



#26

Benzo(g,h,i)perylene

Concen: 0.379 ng/ul

RT: 27.37 min Scan# 4513

Delta R.T. -0.01 min

Lab File: BE093557.D

Acq: 25 Jul 2017 2:39

Tgt Ion:276 Resp: 22166

Ion Ratio Lower Upper

276 100

138 24.2 21.8 32.8

277 25.3 20.5 30.7

