

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093833.D
 Acq On : 16 Aug 2017 10:18
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.409

Quant Time: Aug 17 00:55:24 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 Aug 16 07:30:49 2017
 Response via : Initial Calibration

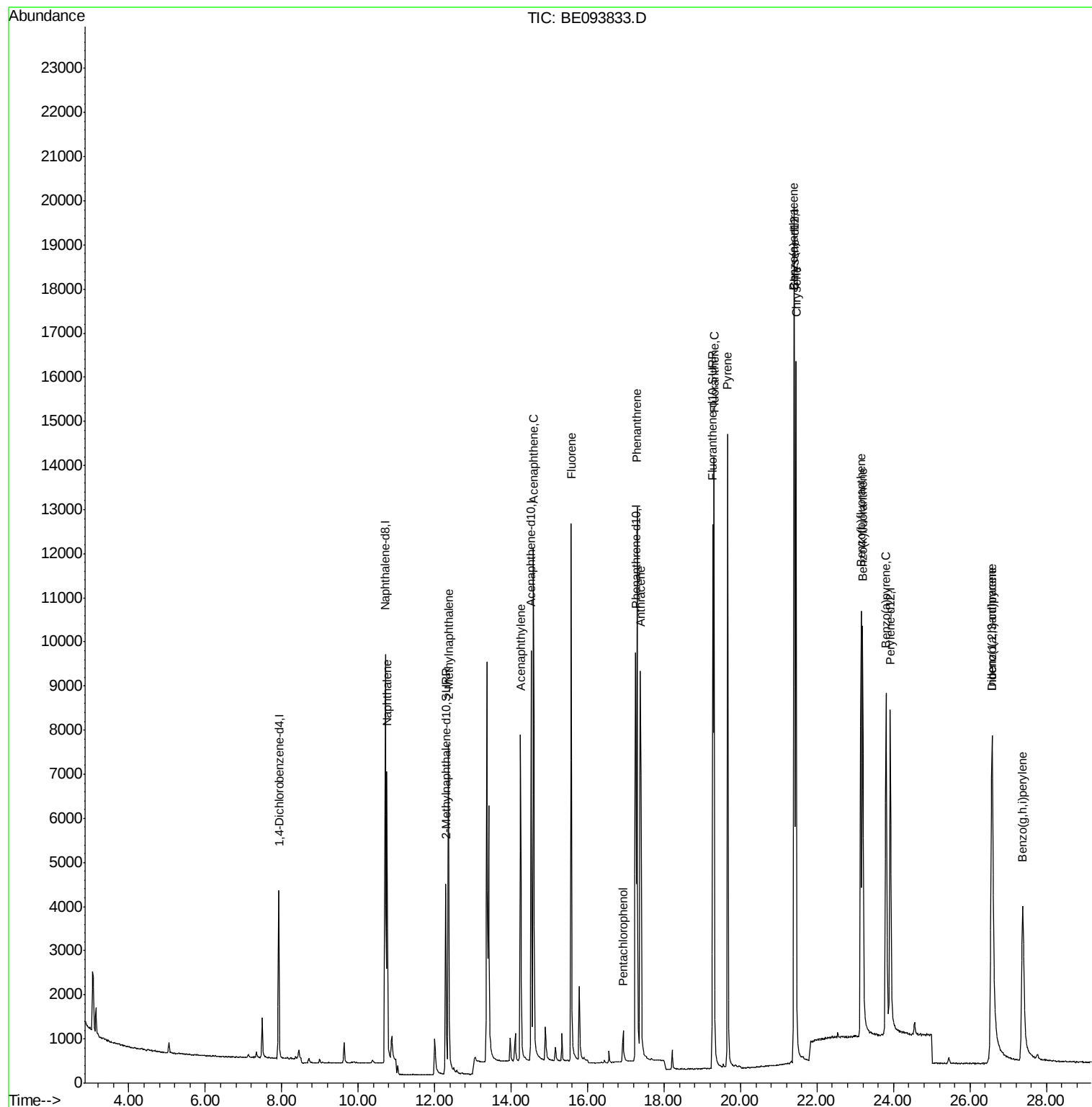
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2068	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	11025	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	6155	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	13730	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	14885	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	12813	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	6892	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	15424	0.36	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.75	128	10583	0.395	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	7302	0.373	ng/ul	98
7) Acenaphthylene	14.24	152	10366	0.403	ng/ul	96
8) Acenaphthene	14.59	153	7909	0.390	ng/ul	98
9) Fluorene	15.57	166	9086	0.355	ng/ul#	94
11) Pentachlorophenol	16.93	266	788	0.348	ng/ul	96
12) Phenanthrene	17.29	178	14706	0.393	ng/ul#	88
13) Anthracene	17.38	178	13921	0.382	ng/ul#	88
15) Fluoranthene	19.30	202	16390	0.351	ng/ul	85
17) Pyrene	19.66	202	17103	0.394	ng/ul#	83
18) Benzo(a)anthracene	21.40	228	16161	0.374	ng/ul#	87
19) Chrysene	21.45	228	16599	0.401	ng/ul	98
21) Benzo(b)fluoranthene	23.15	252	14709	0.371	ng/ul	87
22) Benzo(k)fluoranthene	23.19	252	15468	0.396	ng/ul#	88
23) Benzo(a)pyrene	23.81	252	14775	0.392	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.57	276	13819	0.332	ng/ul#	87
25) Dibenzo(a,h)anthracene	26.59	278	11478	0.330	ng/ul#	92
26) Benzo(g,h,i)perylene	27.37	276	11416	0.325	ng/ul	99

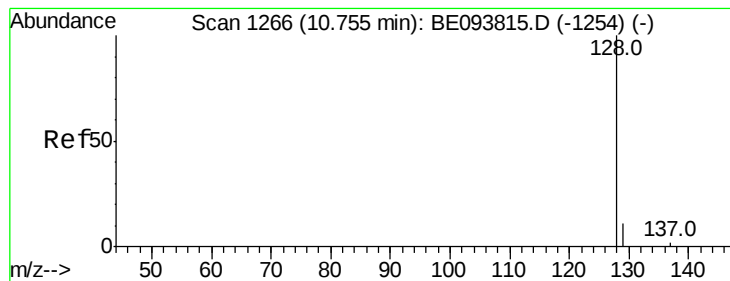
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.395 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BE093833.D

Acq: 16 Aug 2017 10:18

Instrument :

BNA_E

ClientSampleId :

SSTD0.409

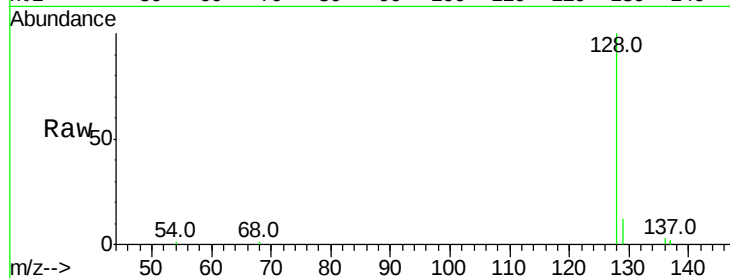
Tot Ion:128 Resp: 10583

Ion Ratio Lower Upper

128 100

129 11.6 11.3 16.9

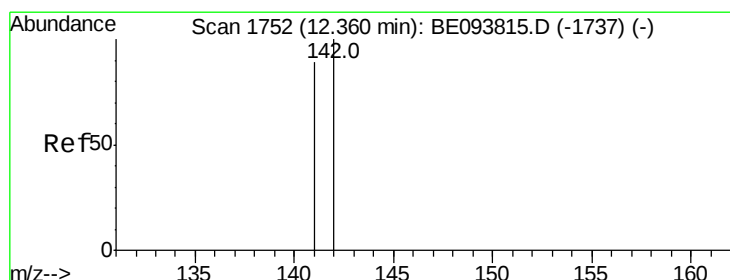
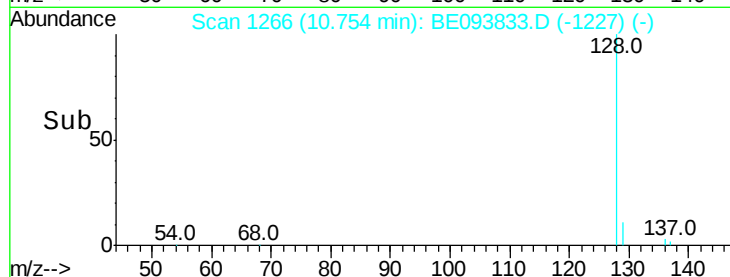
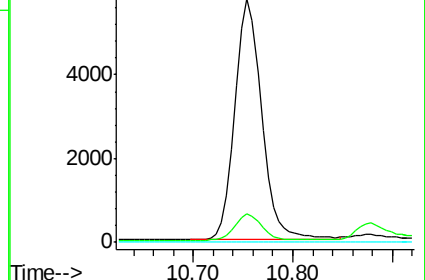
127 0.0 4.0 6.0#



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: 0.373 ng/ul

RT: 12.36 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BE093833.D

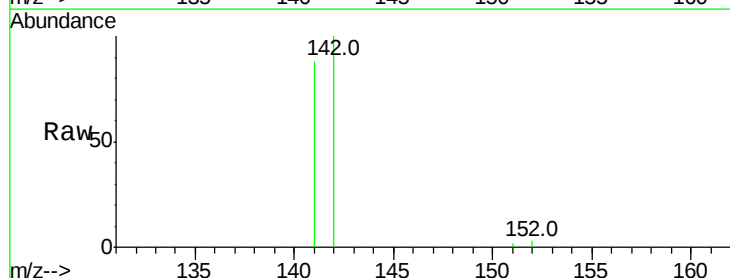
Acq: 16 Aug 2017 10:18

Tgt Ion:142 Resp: 7302

Ion Ratio Lower Upper

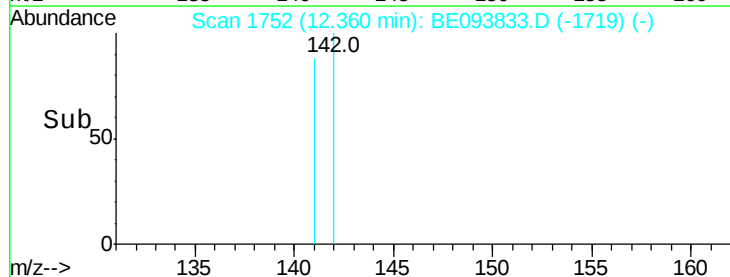
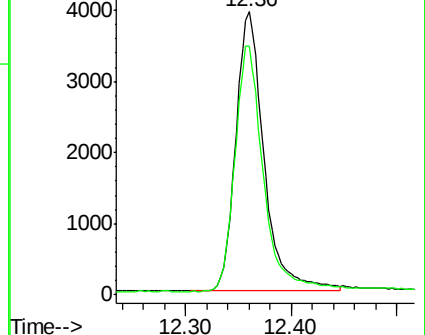
142 100

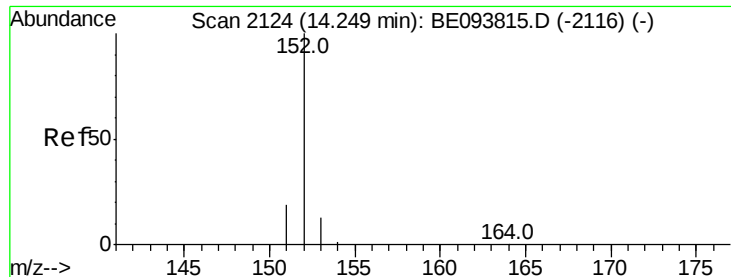
141 88.7 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.403 ng/ul

RT: 14.24 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BE093833.D

Acq: 16 Aug 2017 10:18

Instrument :

BNA_E

ClientSampleId :

SSTD0.409

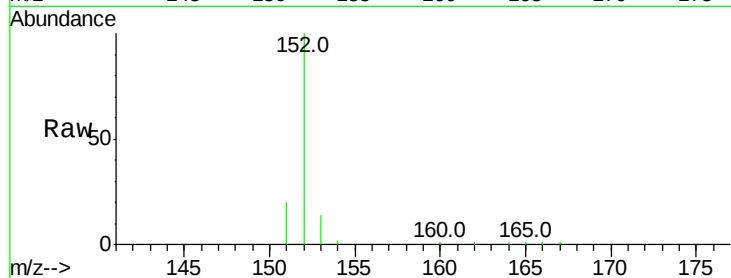
Tot Ion:152 Resp: 10366

Ion Ratio Lower Upper

152 100

151 20.4 17.1 25.7

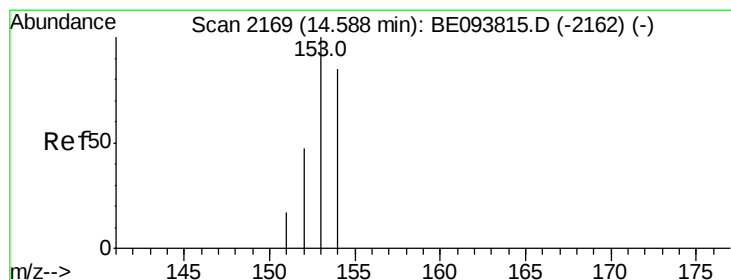
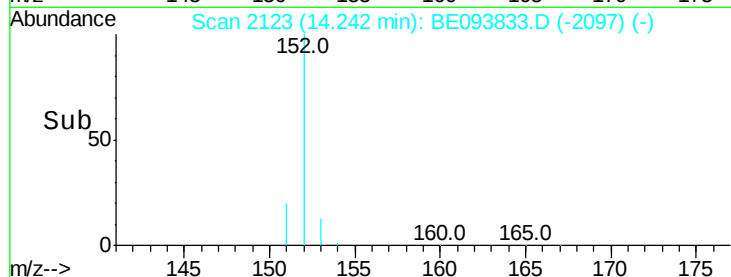
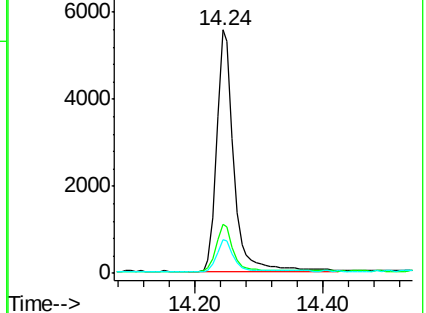
153 13.6 12.8 19.2



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: 0.390 ng/ul

RT: 14.59 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BE093833.D

Acq: 16 Aug 2017 10:18

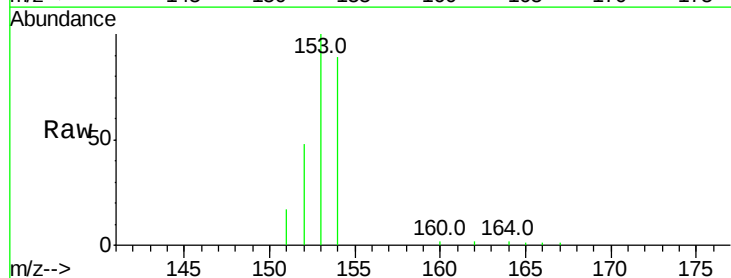
Tgt Ion:153 Resp: 7909

Ion Ratio Lower Upper

153 100

152 47.6 40.3 60.5

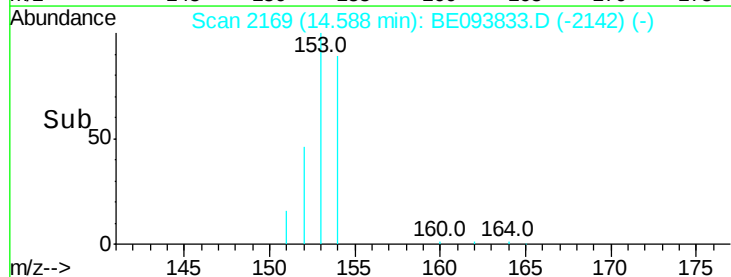
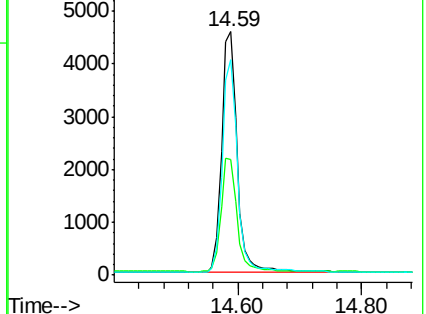
154 88.6 71.4 107.2

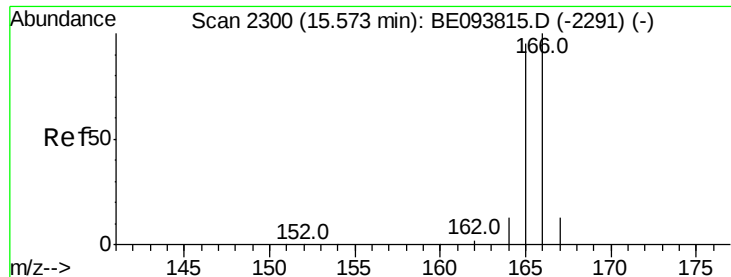


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.355 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. 0.00 min

Lab File: BE093833.D

Acq: 16 Aug 2017 10:18

Instrument :

BNA_E

ClientSampleId :

SSTD0.409

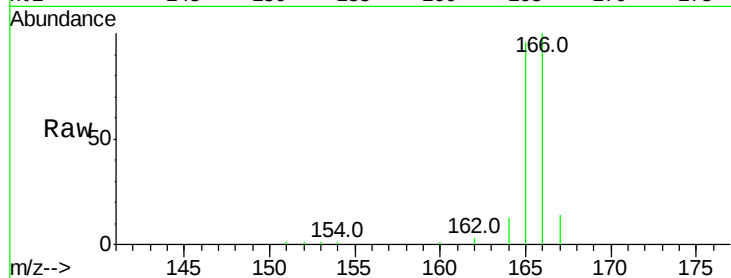
Tot Ion:166 Resp: 9086

Ion Ratio Lower Upper

166 100

165 96.4 73.4 110.2

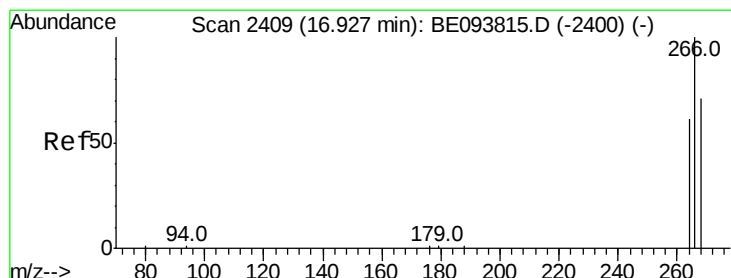
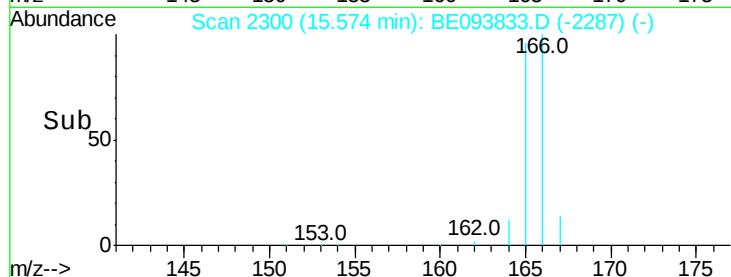
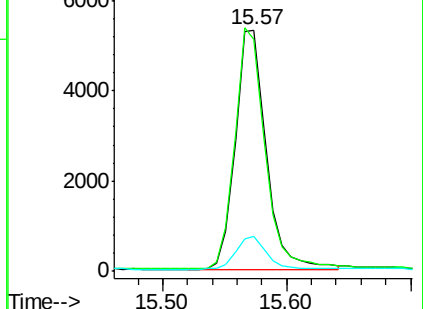
167 14.3 14.6 22.0#



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



#11

Pentachlorophenol

Concen: 0.348 ng/ul

RT: 16.93 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BE093833.D

Acq: 16 Aug 2017 10:18

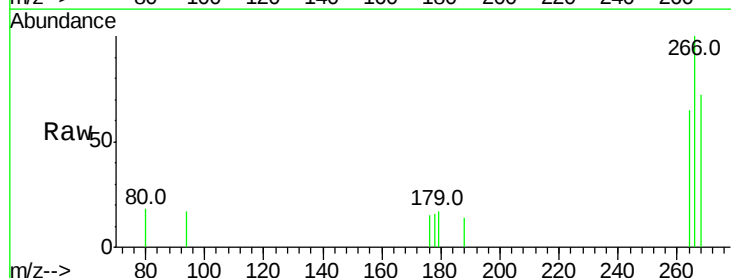
Tgt Ion:266 Resp: 788

Ion Ratio Lower Upper

266 100

264 65.1 47.9 71.9

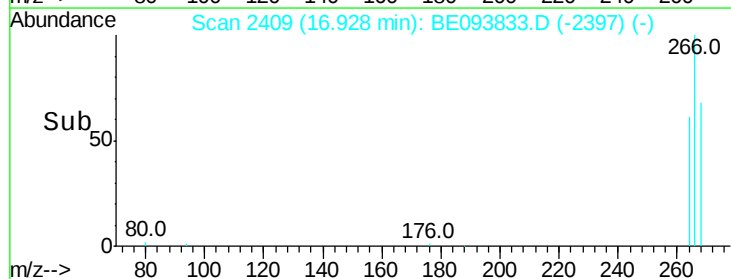
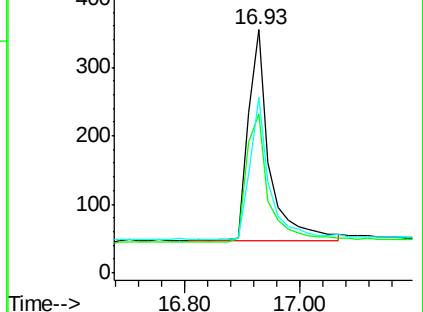
268 62.6 49.8 74.8

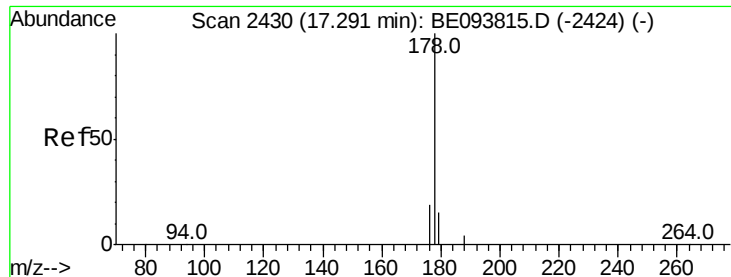


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.393 ng/ul

RT: 17.29 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BE093833.D

Acq: 16 Aug 2017 10:18

Instrument :

BNA_E

ClientSampleId :

SSTD0.409

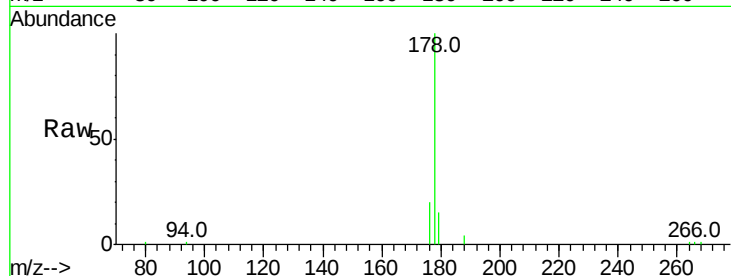
Tot Ion:178 Resp: 14706

Ion Ratio Lower Upper

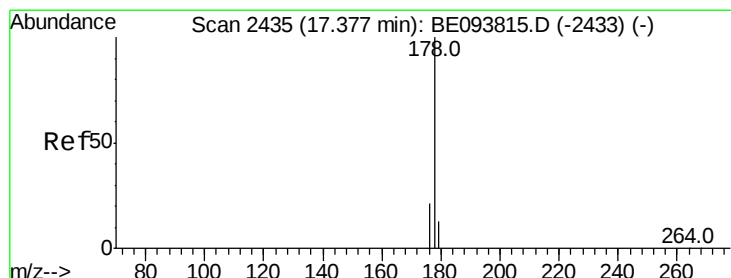
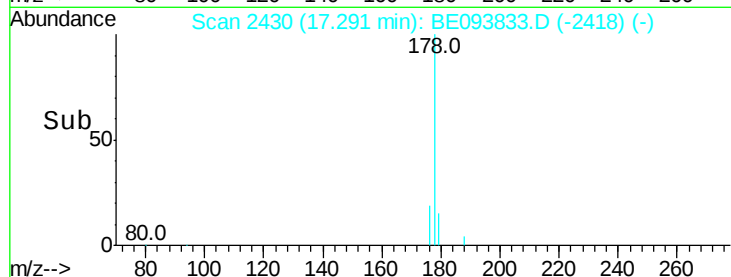
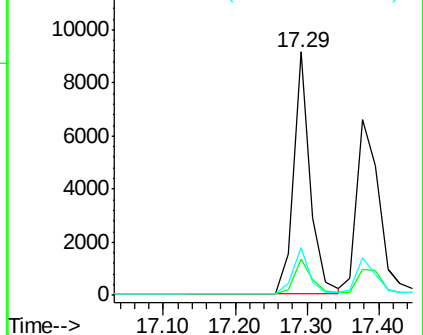
178 100

179 15.1 18.4 27.6#

176 19.5 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: 0.382 ng/ul

RT: 17.38 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BE093833.D

Acq: 16 Aug 2017 10:18

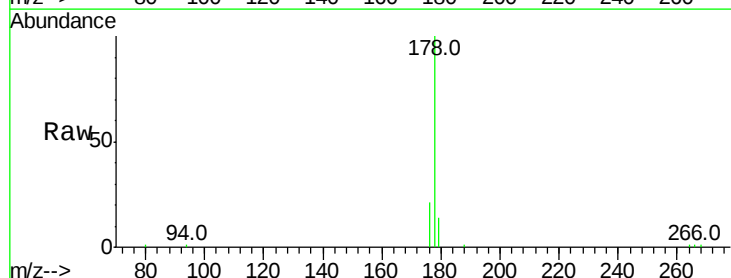
Tgt Ion:178 Resp: 13921

Ion Ratio Lower Upper

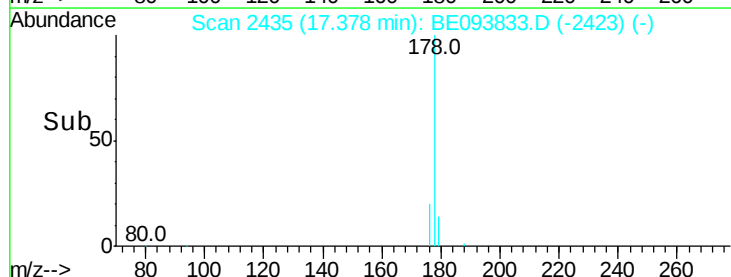
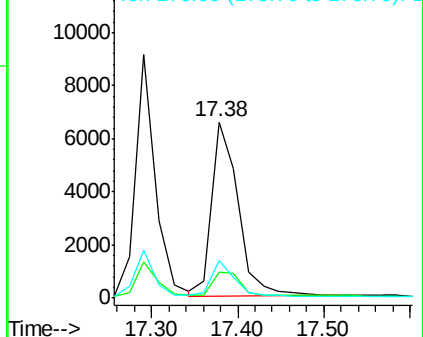
178 100

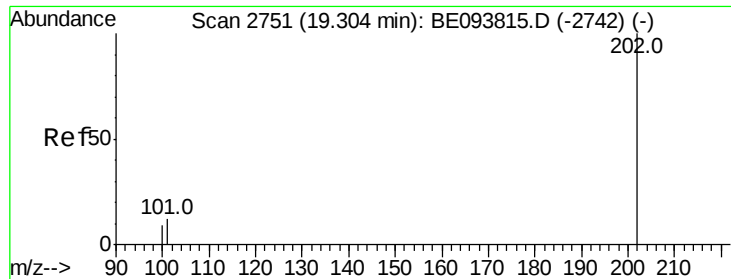
179 14.4 18.1 27.1#

176 21.1 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

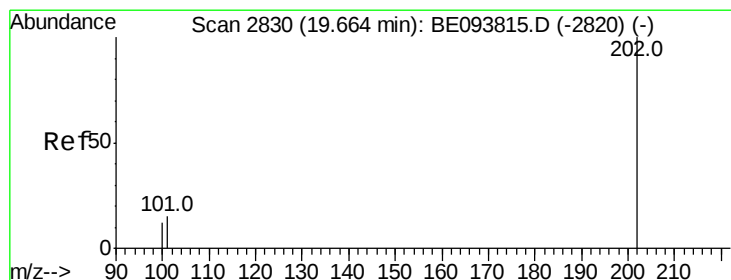
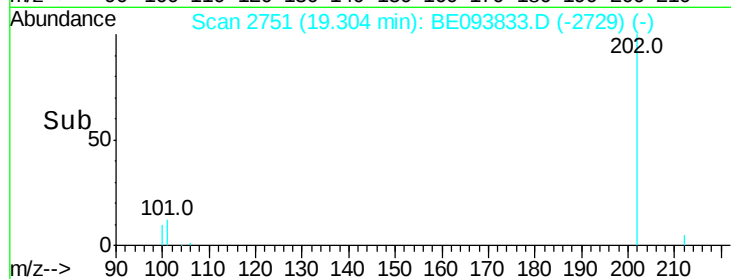
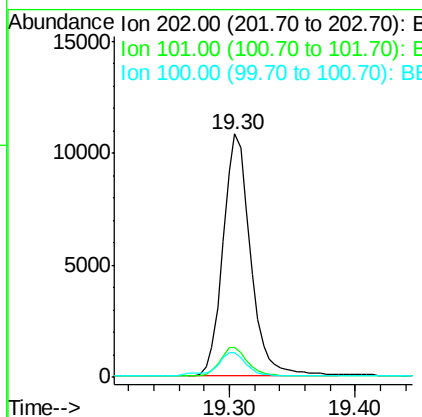
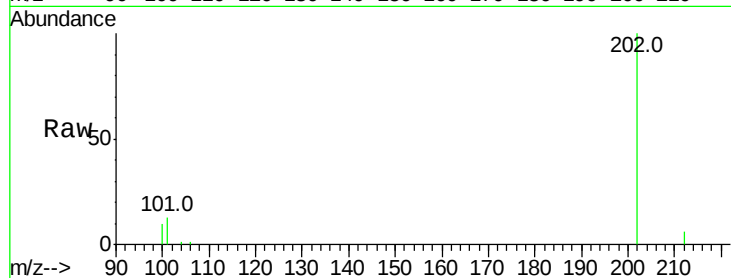




#15
Fluoranthene
Concen: 0.351 ng/ul
RT: 19.30 min Scan# 2751
Delta R.T. 0.00 min
Lab File: BE093833.D
Acq: 16 Aug 2017 10:18

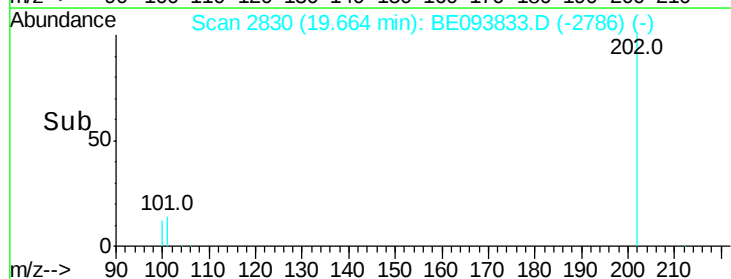
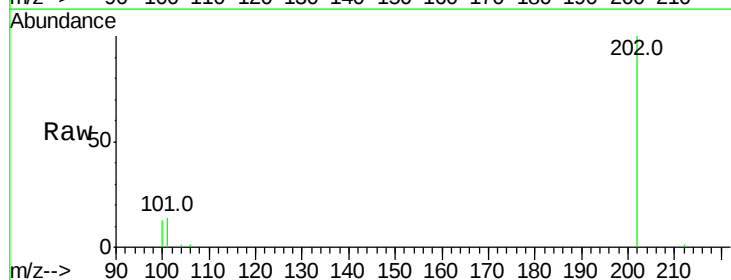
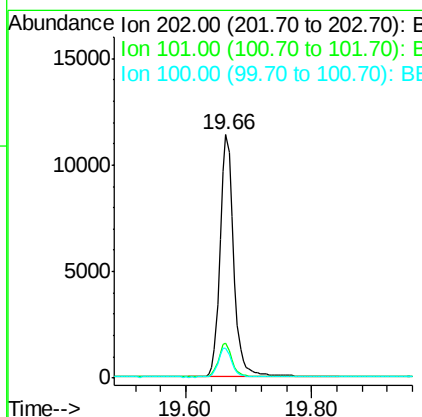
Instrument :
BNA_E
ClientSampleId :
SSTD0.409

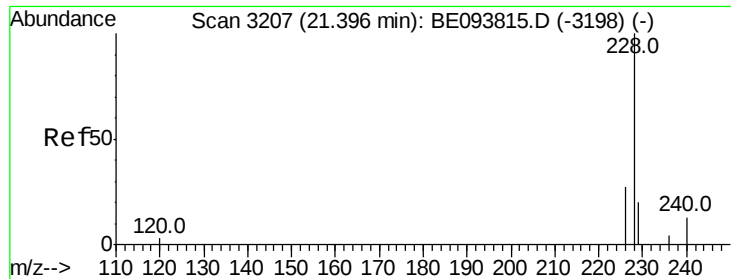
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	30.3
100	10.2	0.0	39.5



#17
Pyrene
Concen: 0.394 ng/ul
RT: 19.66 min Scan# 2830
Delta R.T. 0.00 min
Lab File: BE093833.D
Acq: 16 Aug 2017 10:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.3	18.2	27.4#
100	12.5	15.6	23.4#





#18

Benzo(a)anthracene

Concen: 0.374 ng/ul

RT: 21.40 min Scan# 3207

Delta R.T. -0.00 min

Lab File: BE093833.D

Acq: 16 Aug 2017 10:18

Instrument :

BNA_E

ClientSampleId :

SSTD0.409

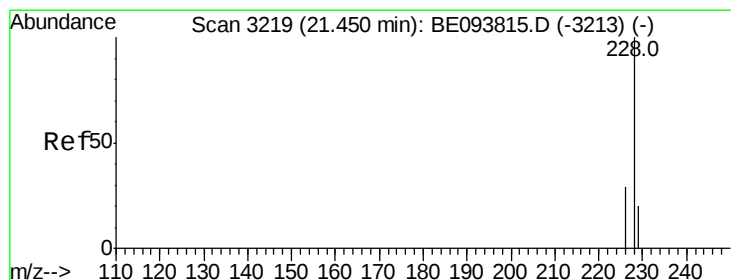
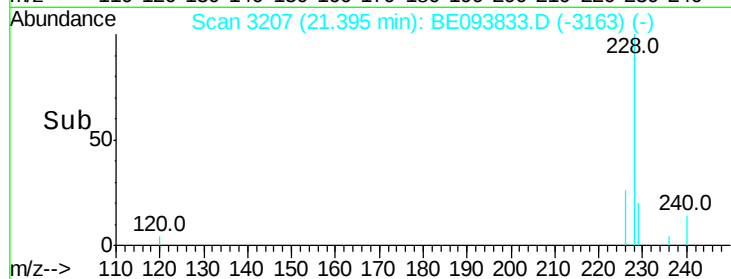
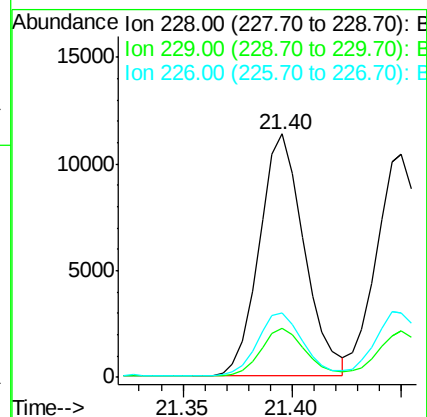
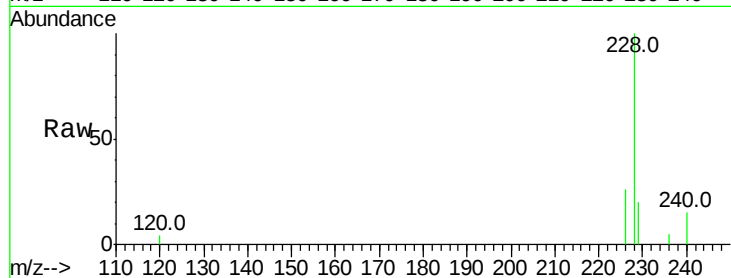
Tot Ion:228 Resp: 16161

Ion Ratio Lower Upper

228 100

229 20.3 22.8 34.2#

226 26.3 17.0 25.6#



#19

Chrysene

Concen: 0.401 ng/ul

RT: 21.45 min Scan# 3219

Delta R.T. -0.00 min

Lab File: BE093833.D

Acq: 16 Aug 2017 10:18

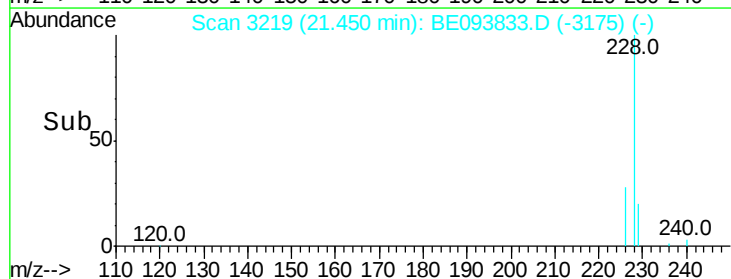
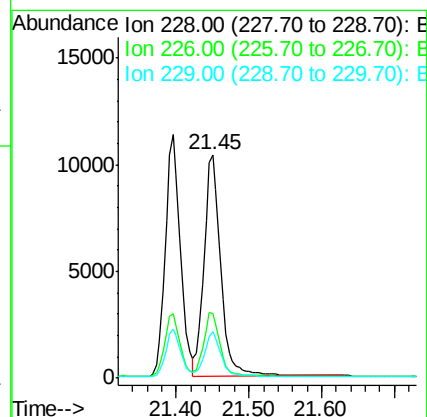
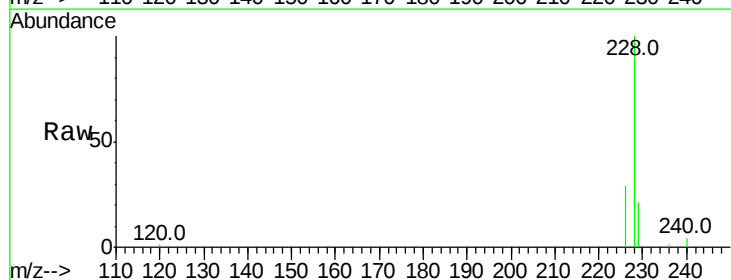
Tgt Ion:228 Resp: 16599

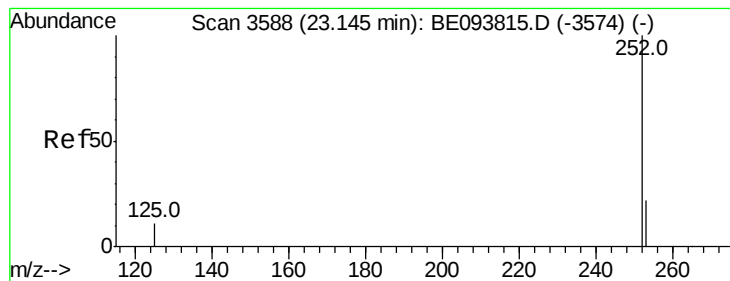
Ion Ratio Lower Upper

228 100

226 28.9 23.4 35.0

229 20.7 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 0.371 ng/ul

RT: 23.15 min Scan# 3589

Delta R.T. 0.00 min

Lab File: BE093833.D

Acq: 16 Aug 2017 10:18

Instrument :

BNA_E

ClientSampleId :

SSTD0.409

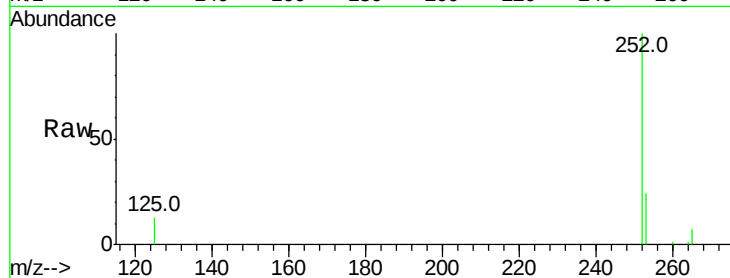
Tot Ion:252 Resp: 14709

Ion Ratio Lower Upper

252 100

253 24.3 0.0 64.2

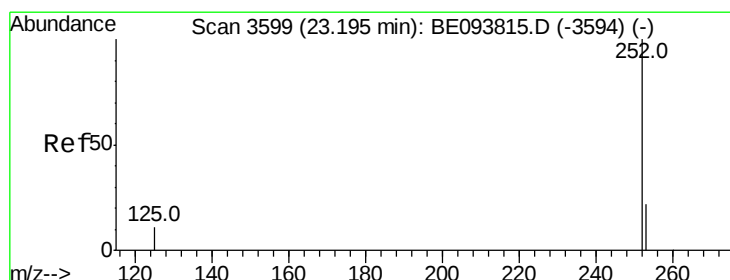
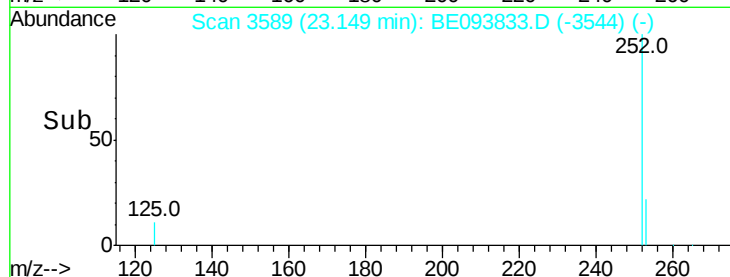
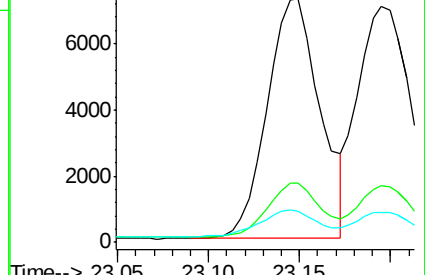
125 12.9 0.0 35.0



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: 0.396 ng/ul

RT: 23.19 min Scan# 3599

Delta R.T. -0.00 min

Lab File: BE093833.D

Acq: 16 Aug 2017 10:18

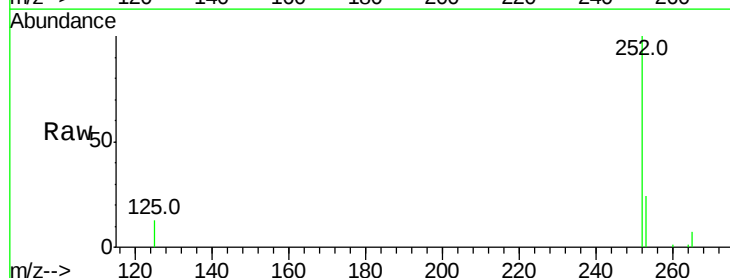
Tgt Ion:252 Resp: 15468

Ion Ratio Lower Upper

252 100

253 23.8 24.5 36.7#

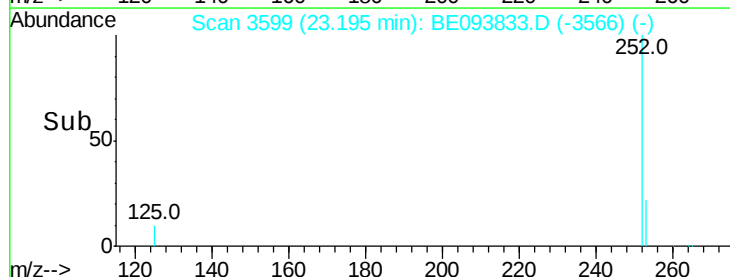
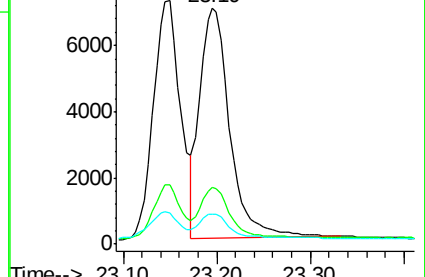
125 12.5 13.7 20.5#

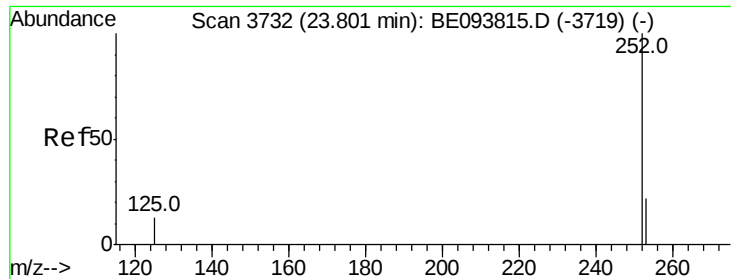


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.392 ng/ul

RT: 23.81 min Scan# 3733

Delta R.T. 0.00 min

Lab File: BE093833.D

Acq: 16 Aug 2017 10:18

Instrument :

BNA_E

ClientSampleId :

SSTD0.409

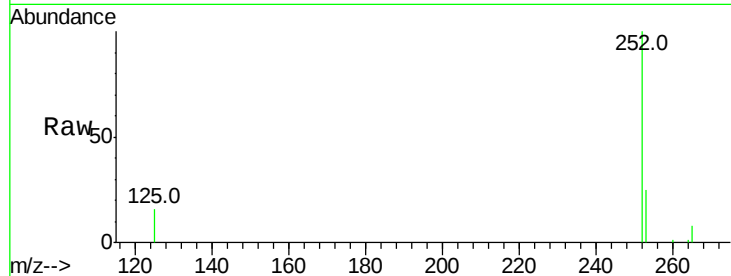
Tot Ion:252 Resp: 14775

Ion Ratio Lower Upper

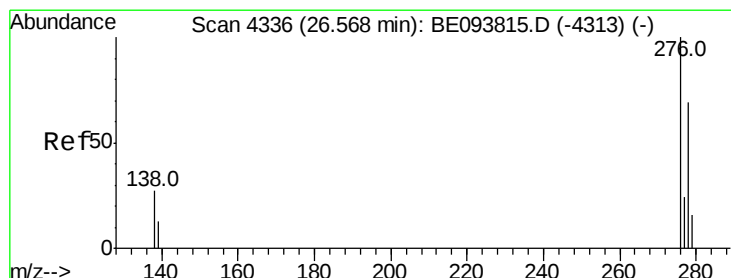
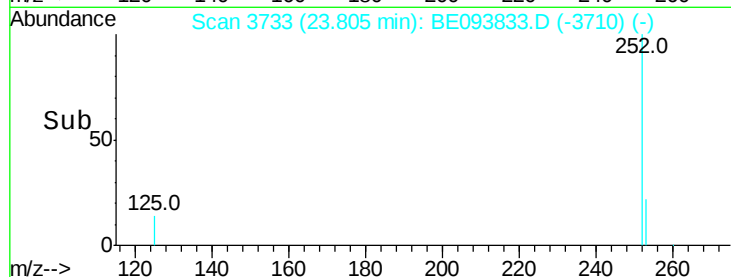
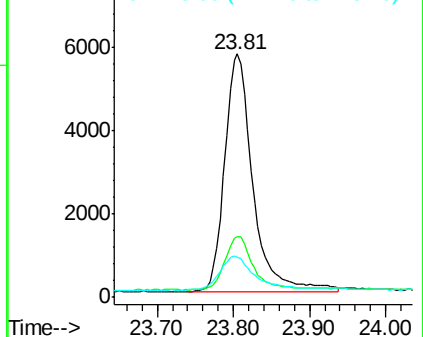
252 100

253 24.7 28.5 42.7#

125 16.2 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: 0.332 ng/ul

RT: 26.57 min Scan# 4336

Delta R.T. 0.00 min

Lab File: BE093833.D

Acq: 16 Aug 2017 10:18

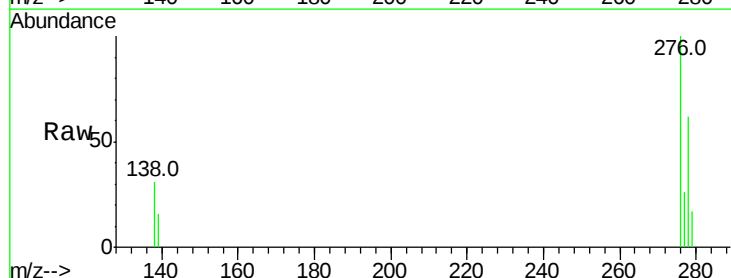
Tgt Ion:276 Resp: 13819

Ion Ratio Lower Upper

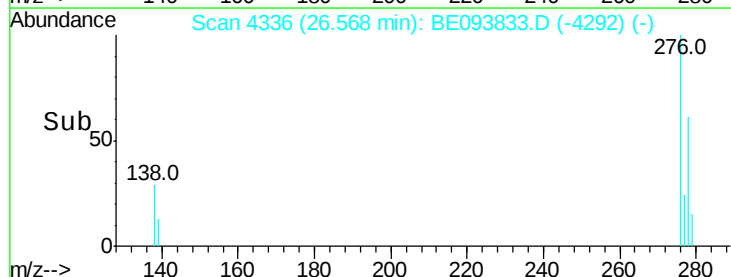
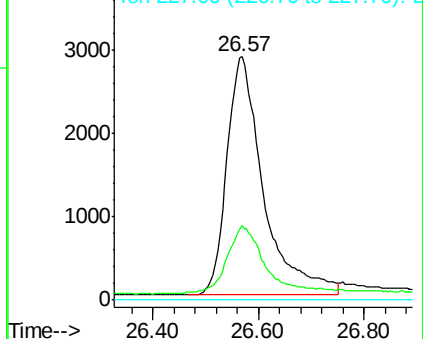
276 100

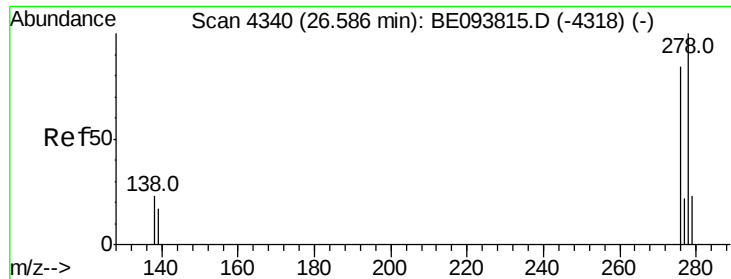
138 29.8 28.0 42.0

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

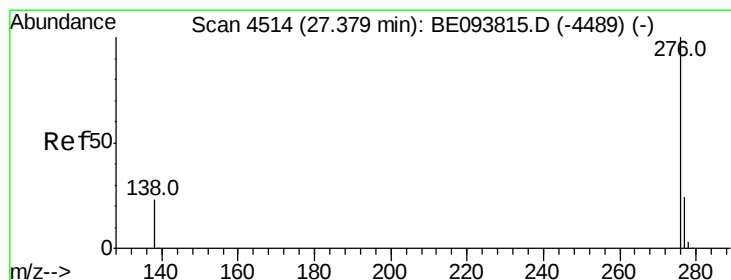
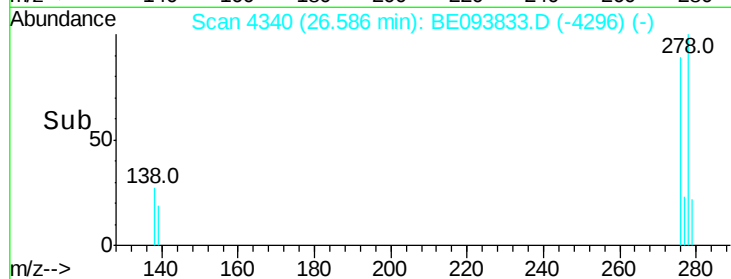
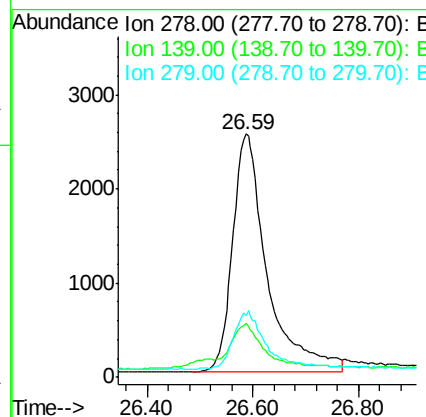
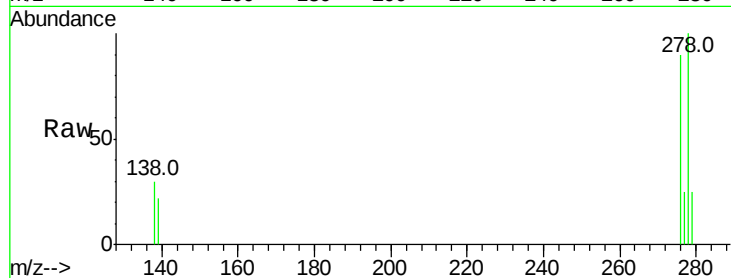




#25
Dibenzo(a,h)anthracene
Concen: 0.330 ng/ul
RT: 26.59 min Scan# 4340
Delta R.T. 0.00 min
Lab File: BE093833.D
Acq: 16 Aug 2017 10:18

Instrument :
BNA_E
ClientSampleId :
SSTD0.409

Tot Ion:278 Resp: 11478
Ion Ratio Lower Upper
278 100
139 22.1 17.4 26.0
279 25.3 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.325 ng/ul
RT: 27.37 min Scan# 4513
Delta R.T. -0.00 min
Lab File: BE093833.D
Acq: 16 Aug 2017 10:18

Tgt Ion:276 Resp: 11416
Ion Ratio Lower Upper
276 100
138 26.6 21.8 32.8
277 25.7 20.5 30.7

