

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080817\
 Data File : BE093724.D
 Acq On : 8 Aug 2017 19:17
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.445

Quant Time: Aug 09 04:22:48 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 09 04:20:36 2017
 Response via : Initial Calibration

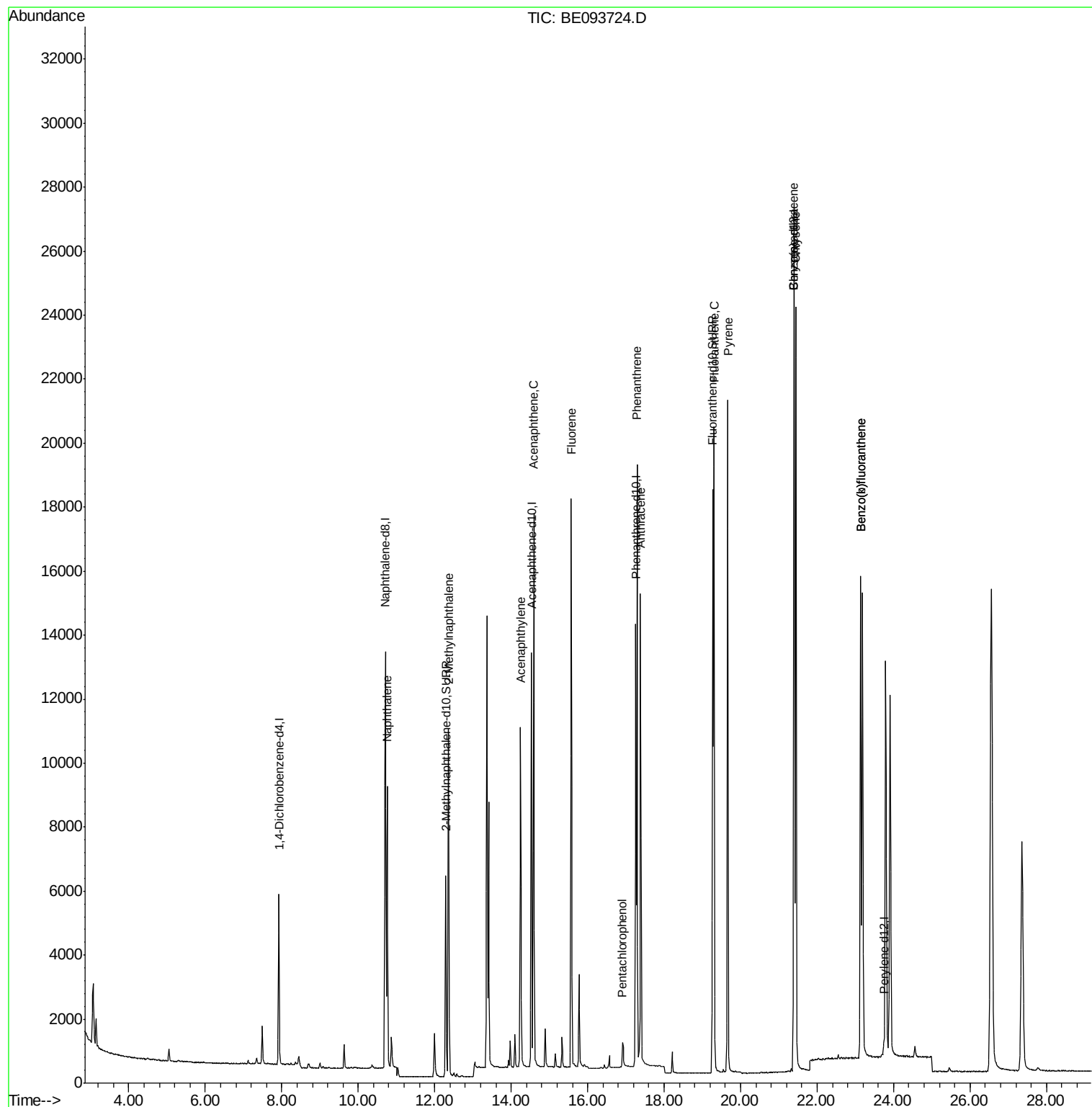
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2728	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	13863	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	7833	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	18937	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	19685	0.40	ng/ul	0.00
20) Perylene-d12	23.75	264	709	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	8817	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	20803	0.35	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.75	128	13794	0.409	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	9617	0.391	ng/ul	98
7) Acenaphthylene	14.24	152	13307	0.406	ng/ul	97
8) Acenaphthene	14.59	153	10363	0.402	ng/ul	98
9) Fluorene	15.57	166	12032	0.369	ng/ul#	90
11) Pentachlorophenol	16.91	266	850	0.272	ng/ul	97
12) Phenanthrene	17.29	178	20280	0.393	ng/ul#	90
13) Anthracene	17.38	178	18640	0.371	ng/ul#	89
15) Fluoranthene	19.30	202	22402	0.347	ng/ul	84
17) Pyrene	19.66	202	22885	0.398	ng/ul#	82
18) Benzo(a)anthracene	21.39	228	21441	0.376	ng/ul#	85
19) Chrysene	21.45	228	21844	0.399	ng/ul	97
21) Benzo(b)fluoranthene	23.14	252	20670	9.425	ng/ul	85
22) Benzo(k)fluoranthene	23.14	252	20670	9.557	ng/ul#	87

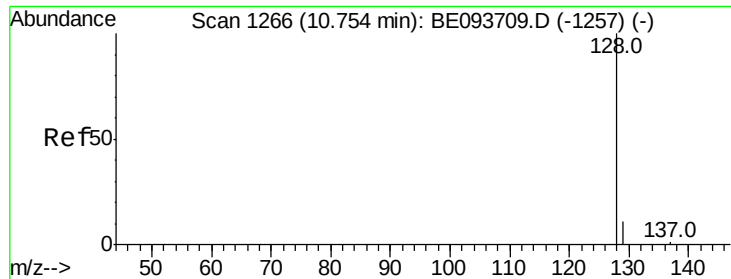
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.409 ng/ul

RT: 10.75 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BE093724.D

Acq: 8 Aug 2017 19:17

Instrument :

BNA_E

ClientSampleId :

SSTD0.445

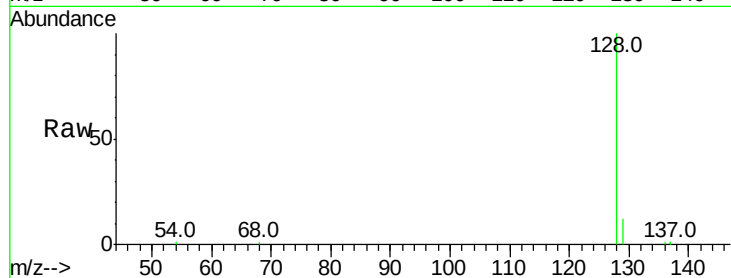
Tot Ion:128 Resp: 13794

Ion Ratio Lower Upper

128 100

129 11.6 11.3 16.9

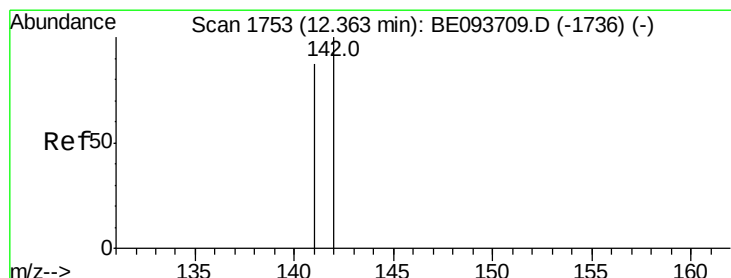
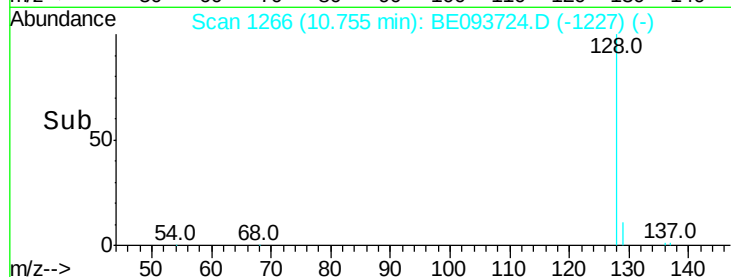
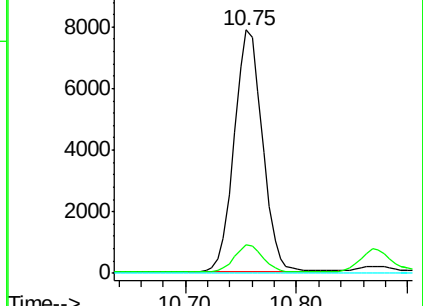
127 0.0 4.0 6.0#



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: 0.391 ng/ul

RT: 12.36 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BE093724.D

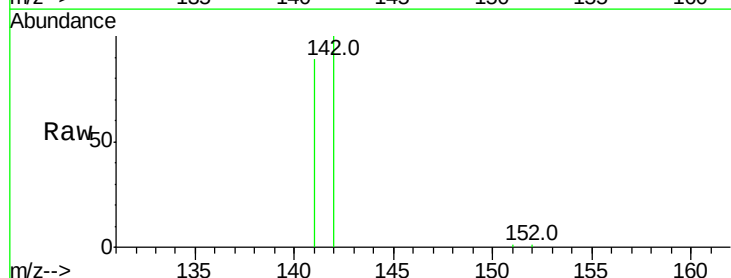
Acq: 8 Aug 2017 19:17

Tgt Ion:142 Resp: 9617

Ion Ratio Lower Upper

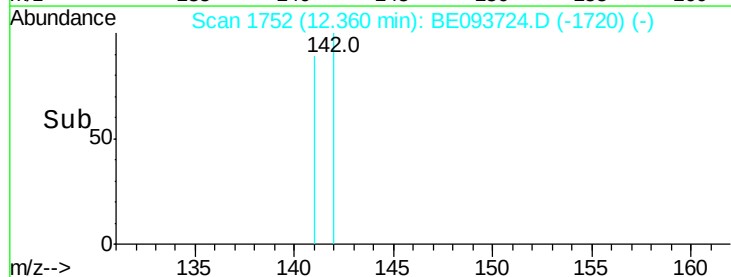
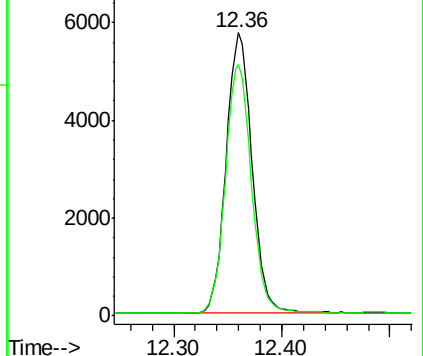
142 100

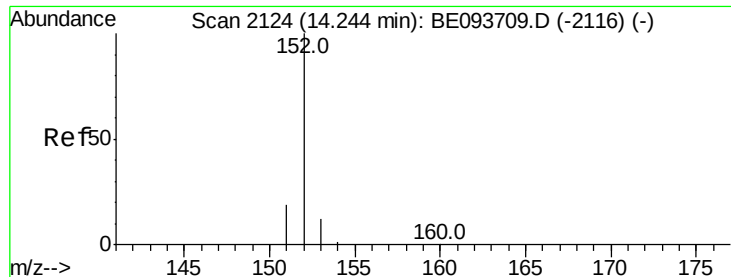
141 89.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.406 ng/ul

RT: 14.24 min Scan# 2124

Delta R.T. -0.00 min

Lab File: BE093724.D

Acq: 8 Aug 2017 19:17

Instrument :

BNA_E

ClientSampleId :

SSTD0.445

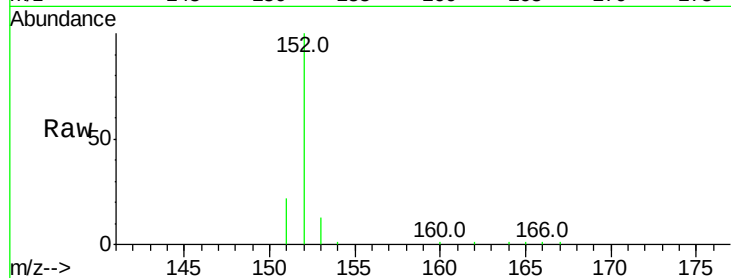
Tot Ion:152 Resp: 13307

Ion Ratio Lower Upper

152 100

151 21.5 17.1 25.7

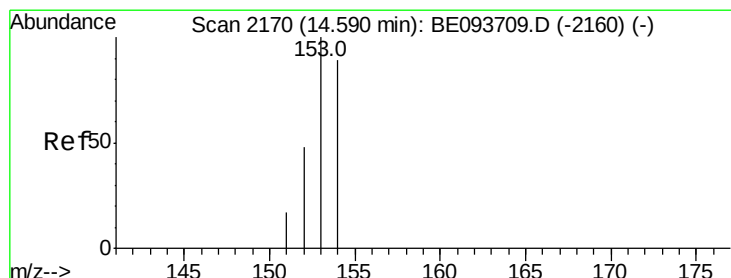
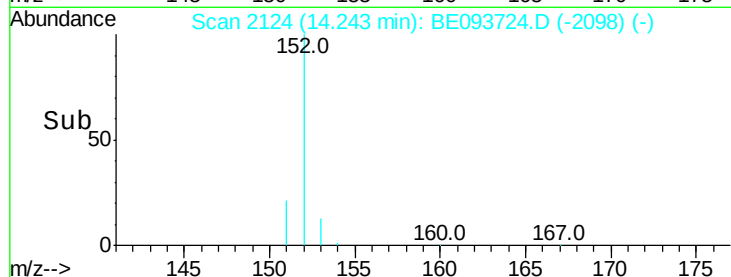
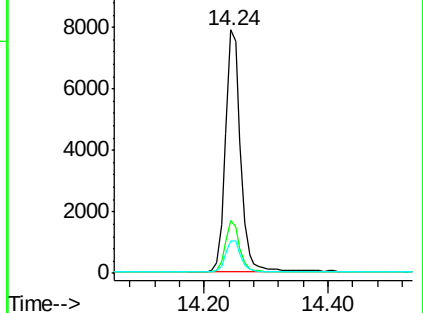
153 13.4 12.8 19.2



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: 0.402 ng/ul

RT: 14.59 min Scan# 2170

Delta R.T. -0.00 min

Lab File: BE093724.D

Acq: 8 Aug 2017 19:17

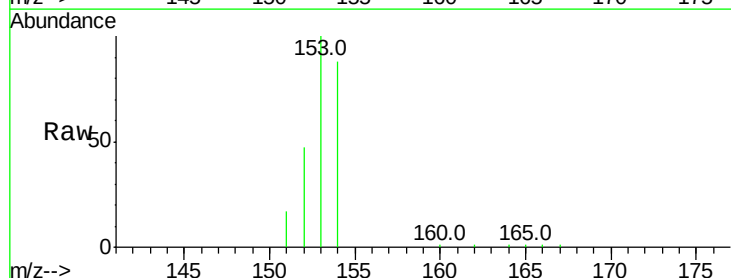
Tgt Ion:153 Resp: 10363

Ion Ratio Lower Upper

153 100

152 47.5 40.3 60.5

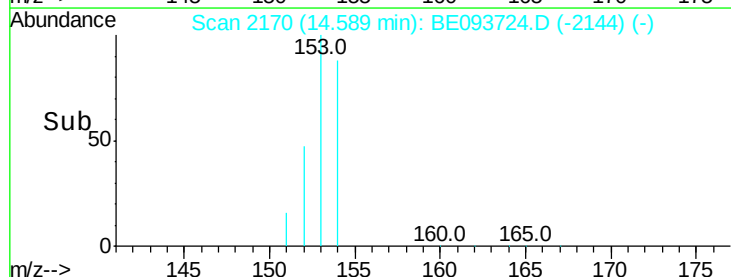
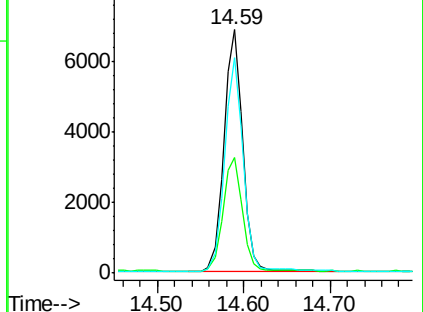
154 88.4 71.4 107.2

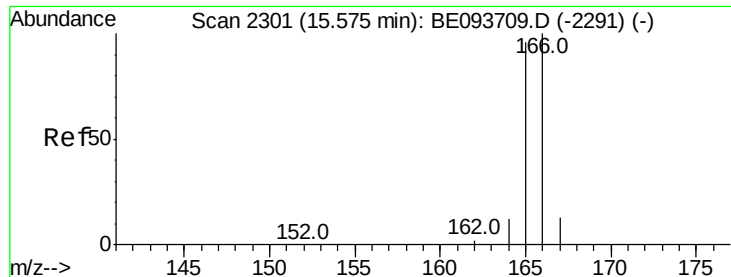


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.369 ng/ul

RT: 15.57 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BE093724.D

Acq: 8 Aug 2017 19:17

Instrument :

BNA_E

ClientSampleId :

SSTD0.445

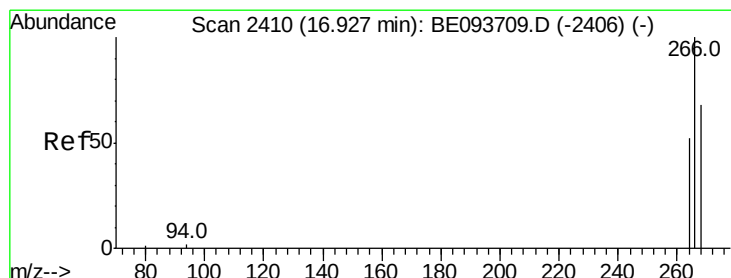
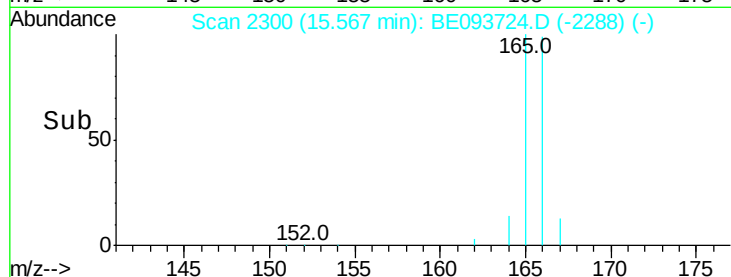
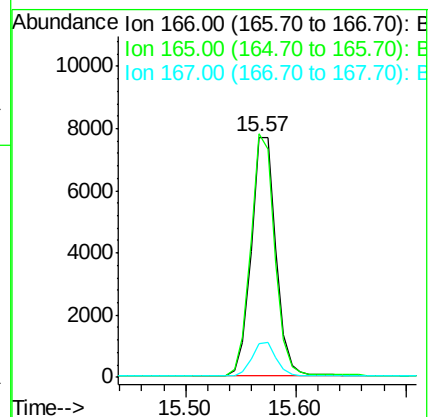
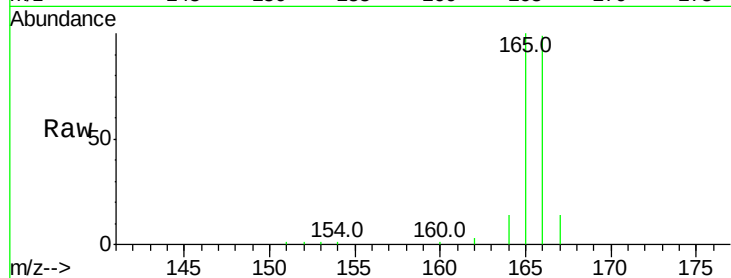
Tot Ion:166 Resp: 12032

Ion Ratio Lower Upper

166 100

165 101.4 73.4 110.2

167 13.8 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.272 ng/ul

RT: 16.91 min Scan# 2409

Delta R.T. -0.02 min

Lab File: BE093724.D

Acq: 8 Aug 2017 19:17

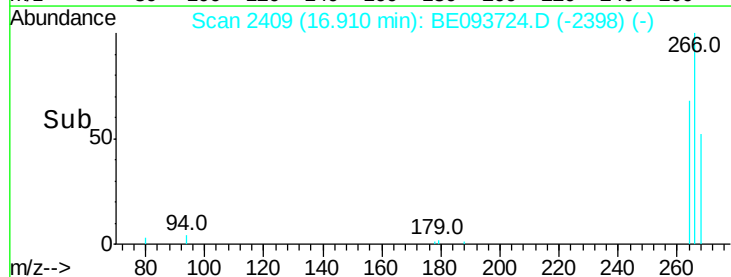
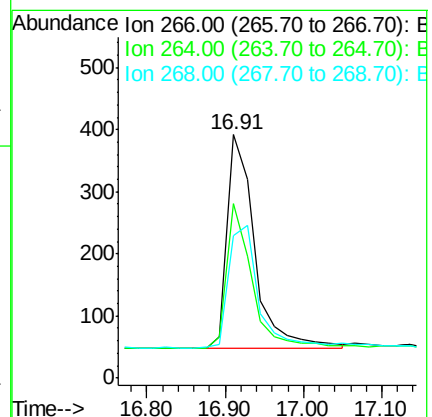
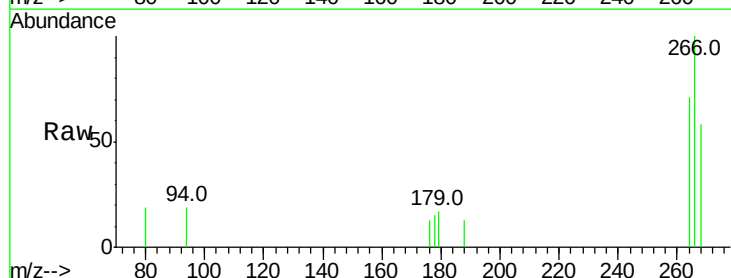
Tgt Ion:266 Resp: 850

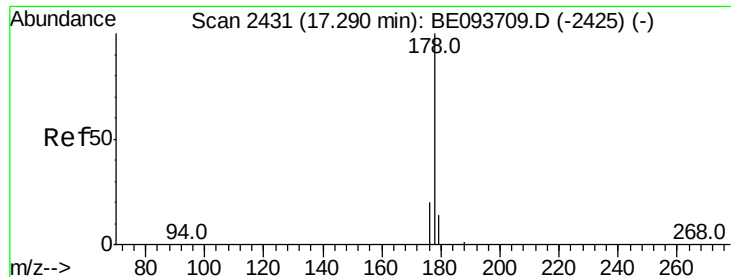
Ion Ratio Lower Upper

266 100

264 63.2 47.9 71.9

268 63.6 49.8 74.8





#12

Phenanthrene

Concen: 0.393 ng/ul

RT: 17.29 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BE093724.D

Acq: 8 Aug 2017 19:17

Instrument :

BNA_E

ClientSampleId :

SSTD0.445

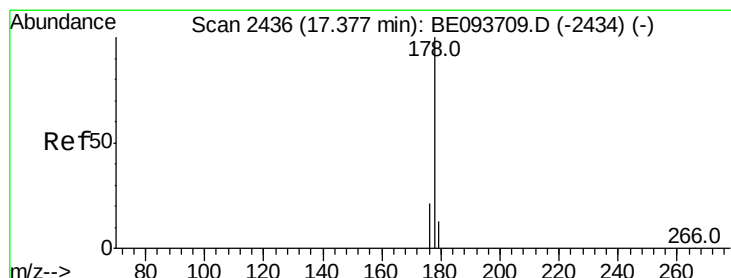
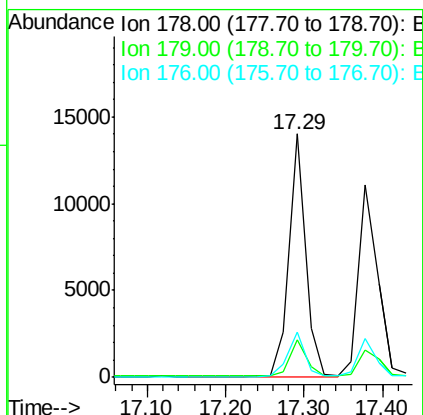
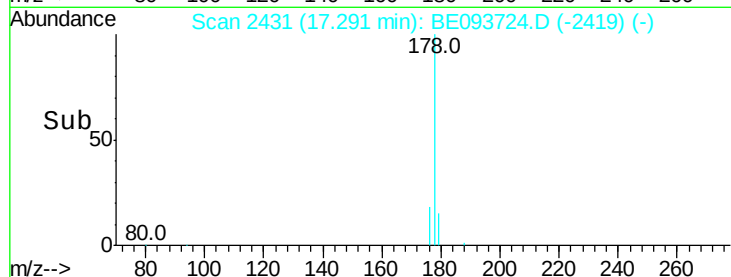
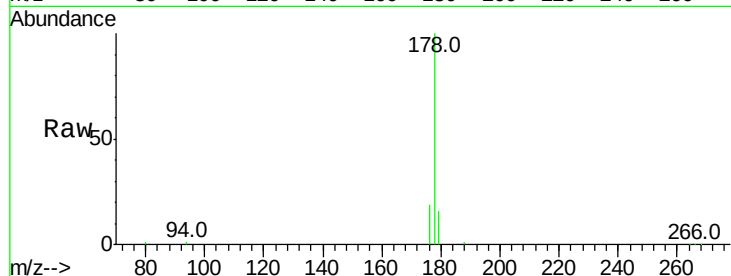
Tot Ion:178 Resp: 20280

Ion Ratio Lower Upper

178 100

179 15.6 18.4 27.6#

176 18.8 13.6 20.4



#13

Anthracene

Concen: 0.371 ng/ul

RT: 17.38 min Scan# 2436

Delta R.T. 0.00 min

Lab File: BE093724.D

Acq: 8 Aug 2017 19:17

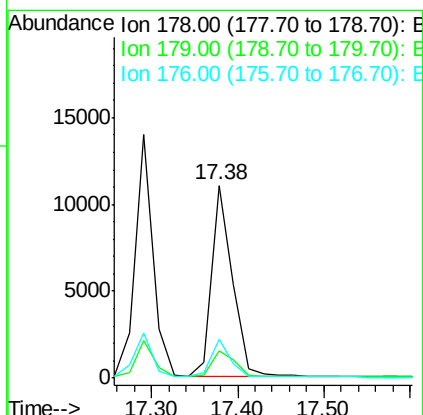
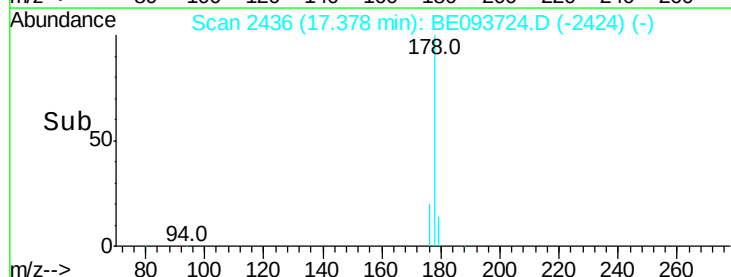
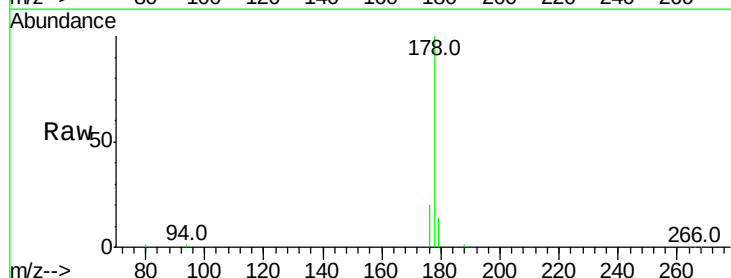
Tgt Ion:178 Resp: 18640

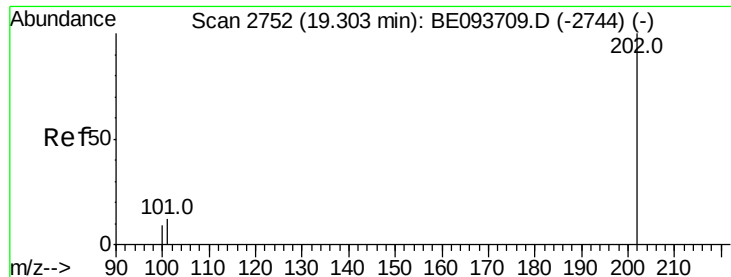
Ion Ratio Lower Upper

178 100

179 14.3 18.1 27.1#

176 20.3 14.7 22.1





#15

Fluoranthene

Concen: 0.347 ng/ul

RT: 19.30 min Scan# 2752

Delta R.T. 0.00 min

Lab File: BE093724.D

Acq: 8 Aug 2017 19:17

Instrument :

BNA_E

ClientSampleId :

SSTD0.445

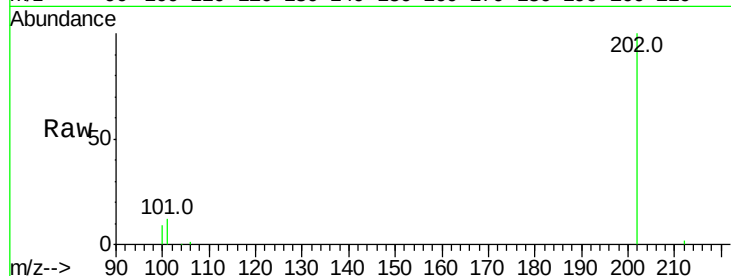
Tot Ion:202 Resp: 22402

Ion Ratio Lower Upper

202 100

101 11.5 0.0 30.3

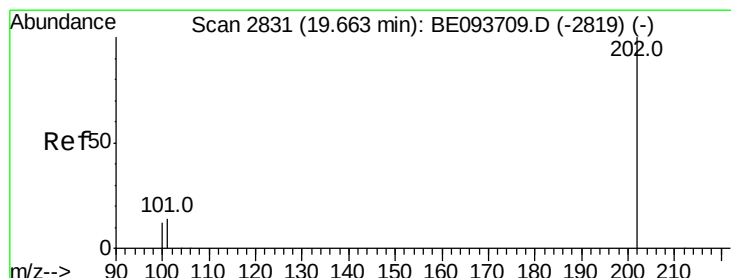
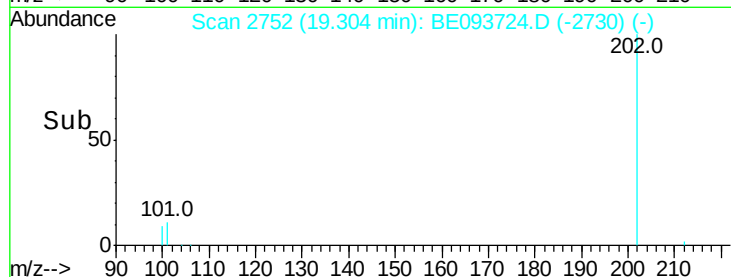
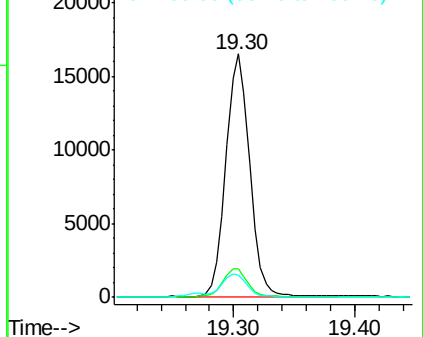
100 9.2 0.0 39.5



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: 0.398 ng/ul

RT: 19.66 min Scan# 2831

Delta R.T. 0.00 min

Lab File: BE093724.D

Acq: 8 Aug 2017 19:17

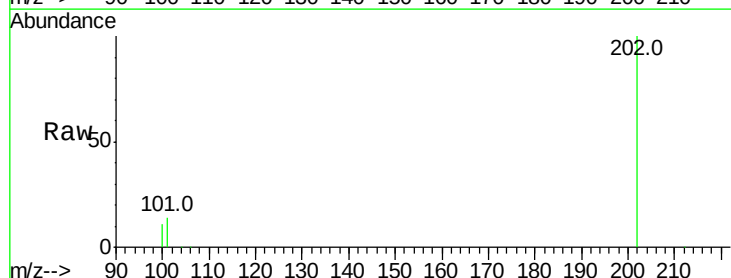
Tgt Ion:202 Resp: 22885

Ion Ratio Lower Upper

202 100

101 13.8 18.2 27.4#

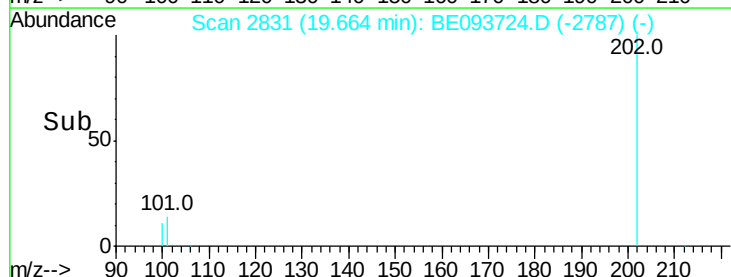
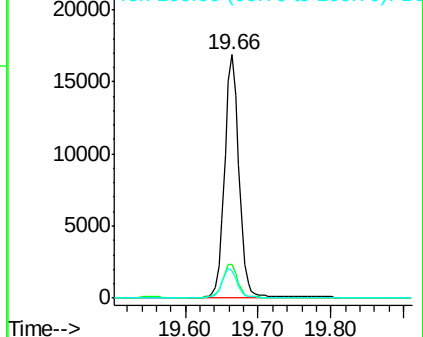
100 11.3 15.6 23.4#

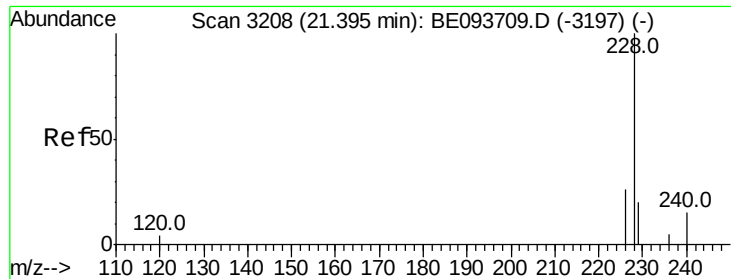


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

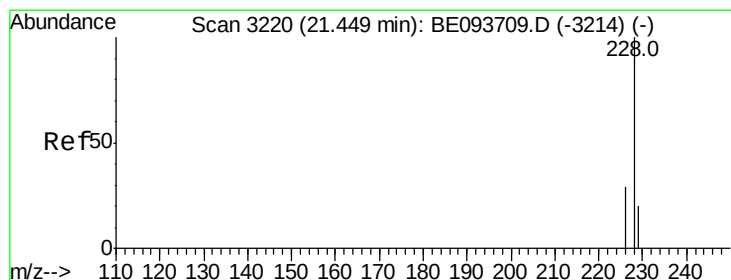
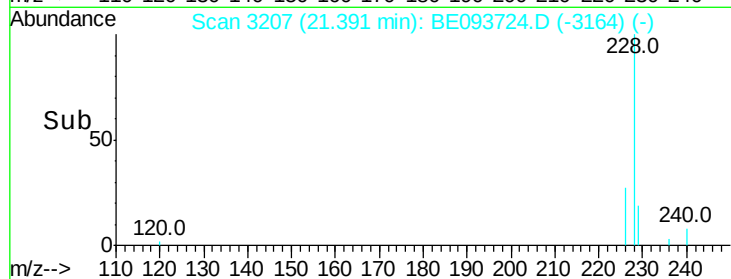
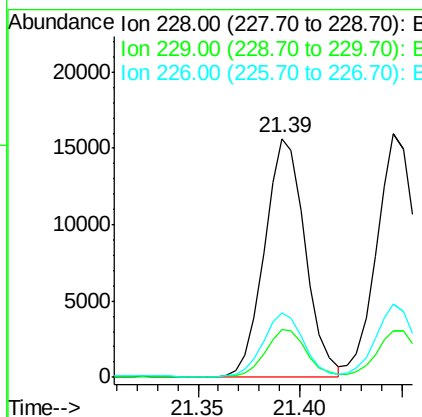
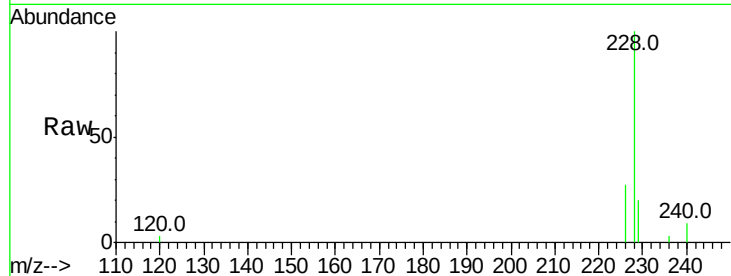




#18
Benzo(a)anthracene
Concen: 0.376 ng/ul
RT: 21.39 min Scan# 3207
Delta R.T. -0.00 min
Lab File: BE093724.D
Acq: 8 Aug 2017 19:17

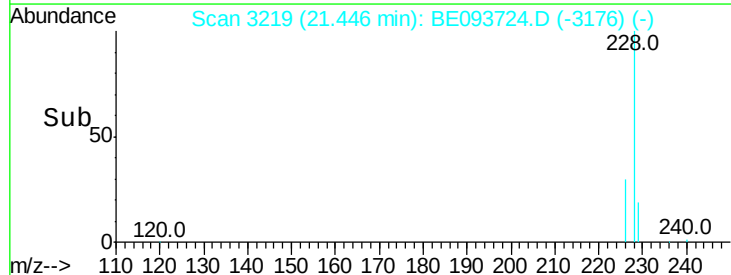
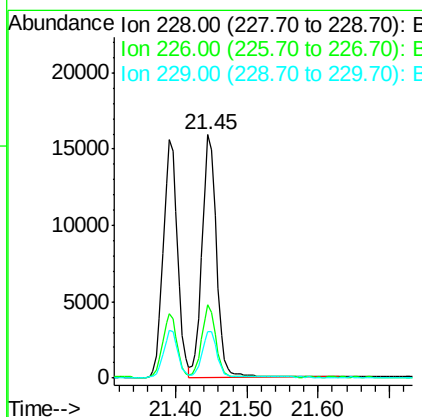
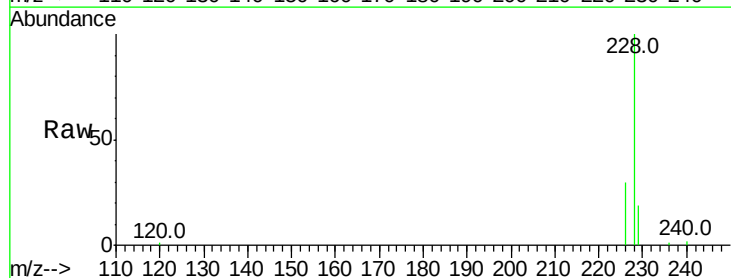
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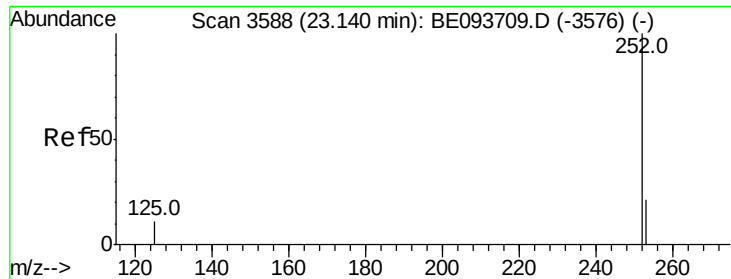
Tot Ion:228 Resp: 21441
Ion Ratio Lower Upper
228 100
229 19.8 22.8 34.2#
226 27.0 17.0 25.6#



#19
Chrysene
Concen: 0.399 ng/ul
RT: 21.45 min Scan# 3219
Delta R.T. -0.00 min
Lab File: BE093724.D
Acq: 8 Aug 2017 19:17

Tgt Ion:228 Resp: 21844
Ion Ratio Lower Upper
228 100
226 30.0 23.4 35.0
229 19.3 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 9.425 ng/ul

RT: 23.14 min Scan# 3588

Delta R.T. 0.00 min

Lab File: BE093724.D

Acq: 8 Aug 2017 19:17

Instrument :

BNA_E

ClientSampleId :

SSTD0.445

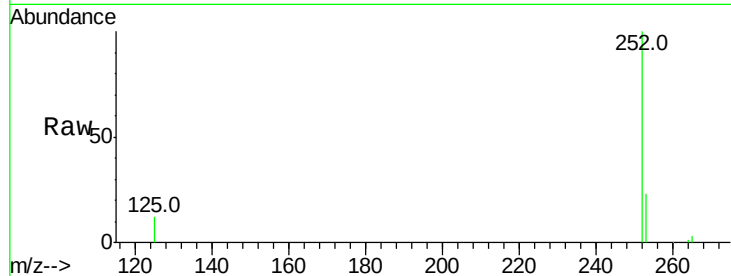
Tot Ion:252 Resp: 20670

Ion Ratio Lower Upper

252 100

253 22.5 0.0 64.2

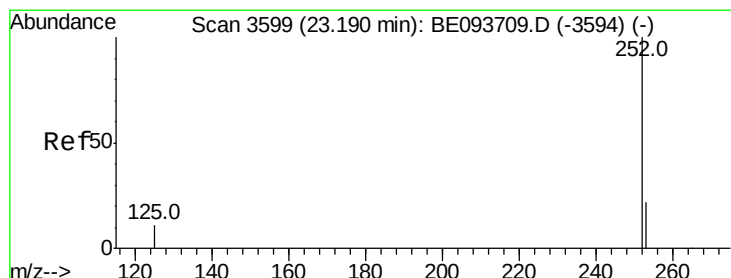
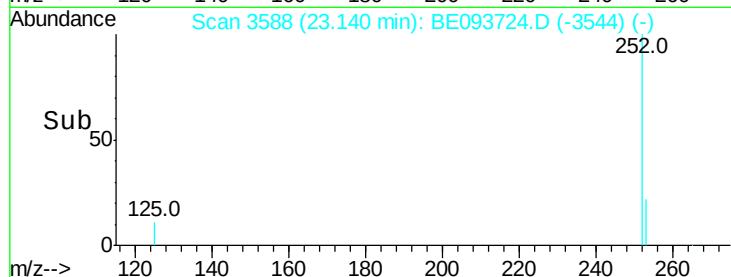
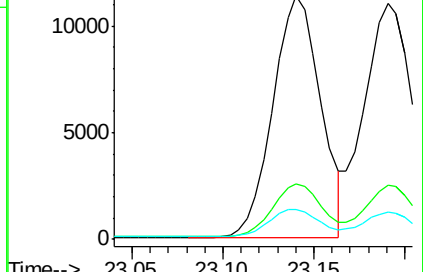
125 12.4 0.0 35.0



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: 9.557 ng/ul

RT: 23.14 min Scan# 3588

Delta R.T. -0.05 min

Lab File: BE093724.D

Acq: 8 Aug 2017 19:17

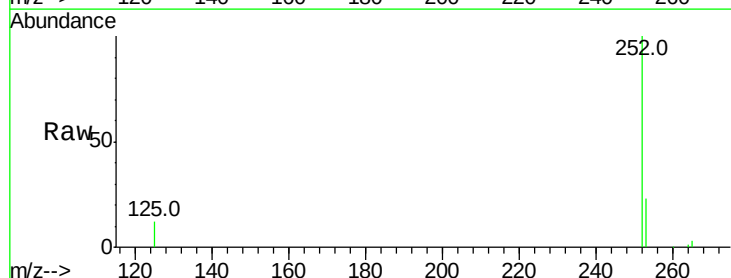
Tgt Ion:252 Resp: 20670

Ion Ratio Lower Upper

252 100

253 22.5 24.5 36.7#

125 12.4 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

