

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
 Data File : BE095256.D
 Acq On : 29 Jan 2018 20:43
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTD0.421

Quant Time: Jan 30 04:45:58 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 30 04:43:36 2018
 Response via : Initial Calibration

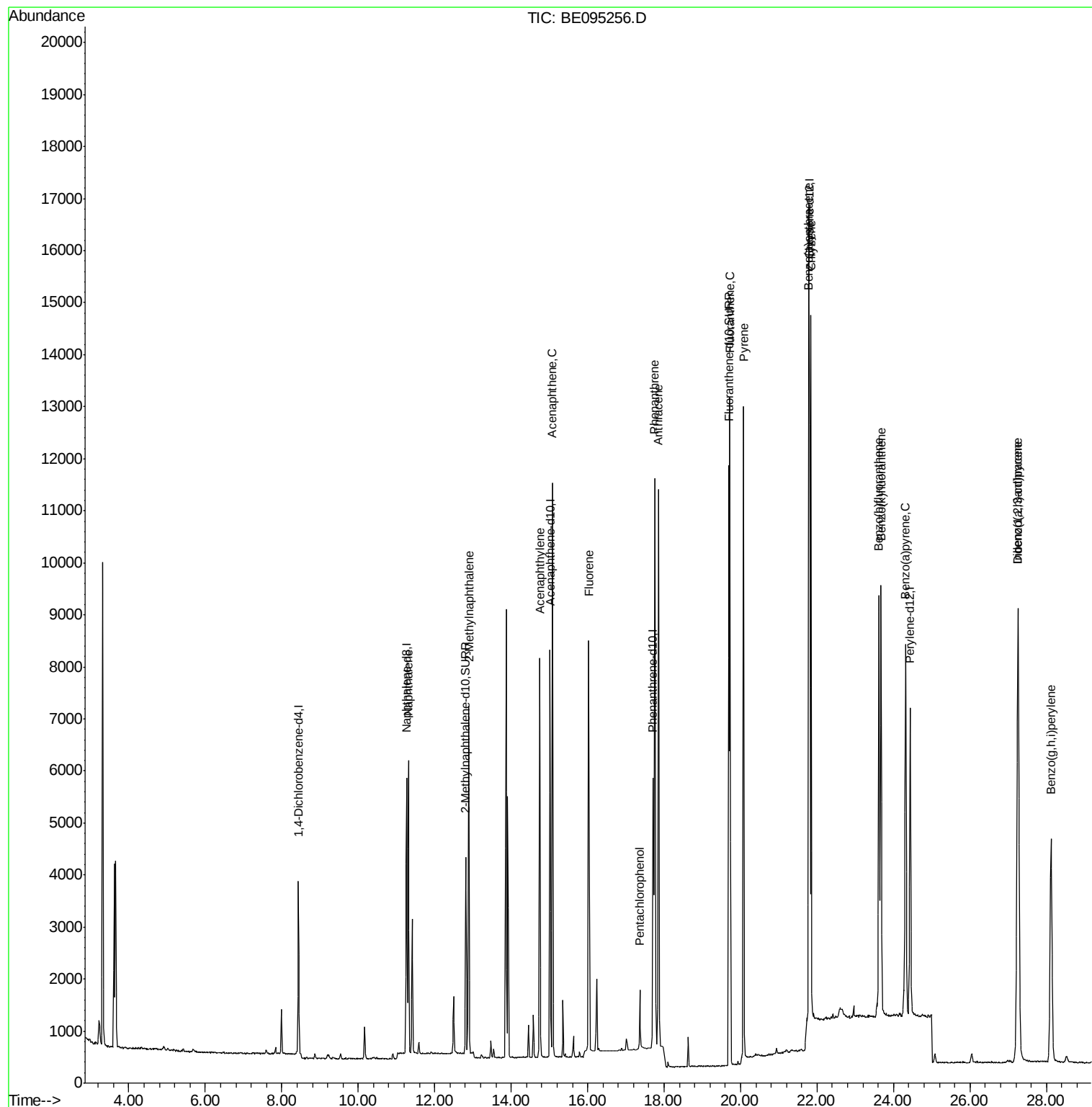
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2323	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	6943	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4170	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	8875	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	9927	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	9241	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	4871	0.43	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	12828	0.38	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.31	128	7747	0.398	ng/ul#	89
5) 2-Methylnaphthalene	12.89	142	5521	0.425	ng/ul	99
7) Acenaphthylene	14.75	152	8685	0.433	ng/ul	96
8) Acenaphthene	15.08	153	6319	0.406	ng/ul	95
9) Fluorene	16.02	166	6746	0.420	ng/ul#	76
11) Pentachlorophenol	17.36	266	800	0.465	ng/ul	96
12) Phenanthrene	17.75	178	12455	0.417	ng/ul#	87
13) Anthracene	17.84	178	12313	0.451	ng/ul#	92
15) Fluoranthene	19.72	202	14376	0.372	ng/ul	84
17) Pyrene	20.08	202	15788	0.474	ng/ul#	78
18) Benzo(a)anthracene	21.79	228	13304	0.429	ng/ul#	86
19) Chrysene	21.84	228	12807	0.397	ng/ul	95
21) Benzo(b)fluoranthene	23.62	252	12121	0.372	ng/ul	86
22) Benzo(k)fluoranthene	23.67	252	12328	0.413	ng/ul#	86
23) Benzo(a)pyrene	24.32	252	11797	0.405	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	27.25	276	13186	0.413	ng/ul#	80
25) Dibenzo(a,h)anthracene	27.27	278	10720	0.410	ng/ul#	88
26) Benzo(g,h,i)perylene	28.12	276	11104	0.411	ng/ul#	94

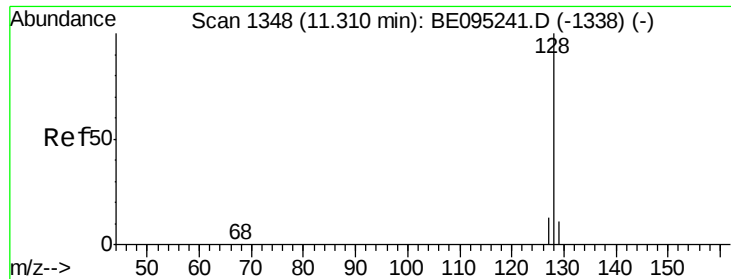
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012918\
Data File : BE095256.D
Acq On : 29 Jan 2018 20:43
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Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTD0.421

Quant Time: Jan 30 04:45:58 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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#3

Naphthalene

Concen: 0.398 ng/ul

RT: 11.31 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BE095256.D

Acq: 29 Jan 2018 20:43

Instrument :

BNA_E

ClientSampleId :

SSTD0.421

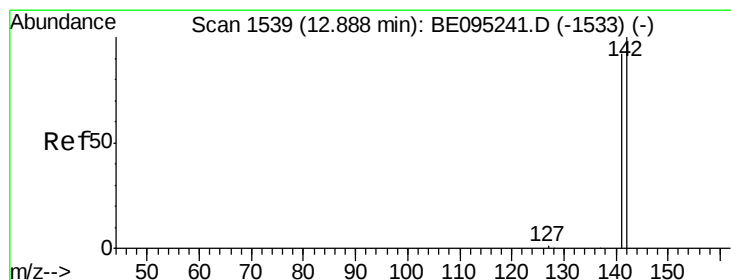
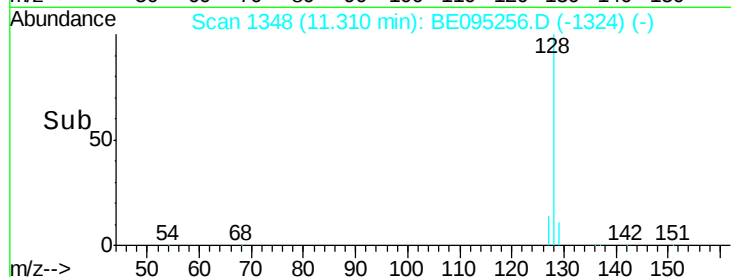
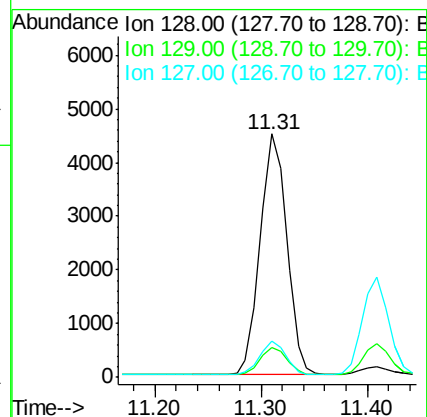
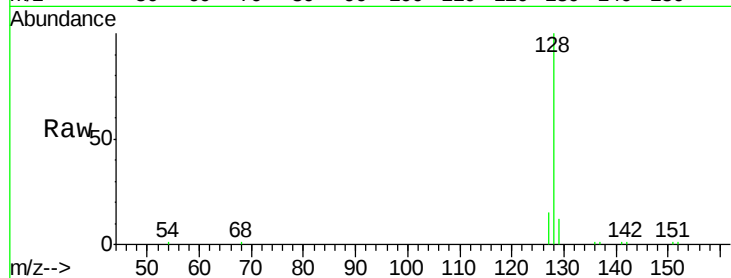
Tot Ion:128 Resp: 7747

Ion Ratio Lower Upper

128 100

129 12.3 11.3 16.9

127 14.9 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.425 ng/ul

RT: 12.89 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BE095256.D

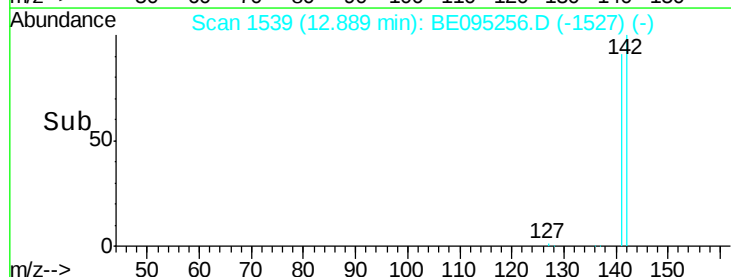
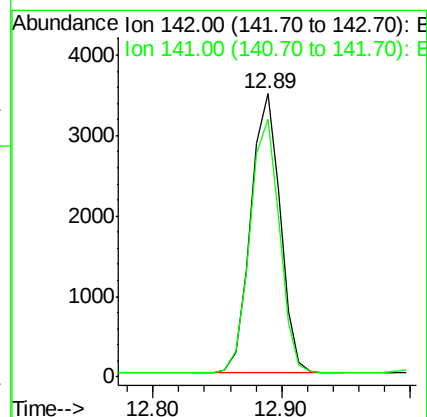
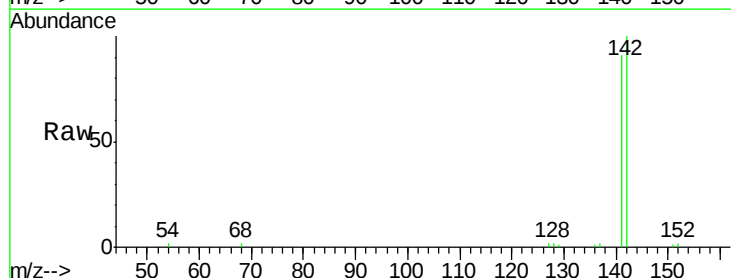
Acq: 29 Jan 2018 20:43

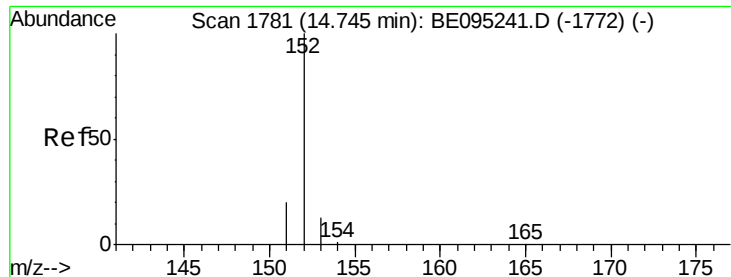
Tgt Ion:142 Resp: 5521

Ion Ratio Lower Upper

142 100

141 91.6 72.6 108.8





#7

Acenaphthylene

Concen: 0.433 ng/ul

RT: 14.75 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE095256.D

Acq: 29 Jan 2018 20:43

Instrument :

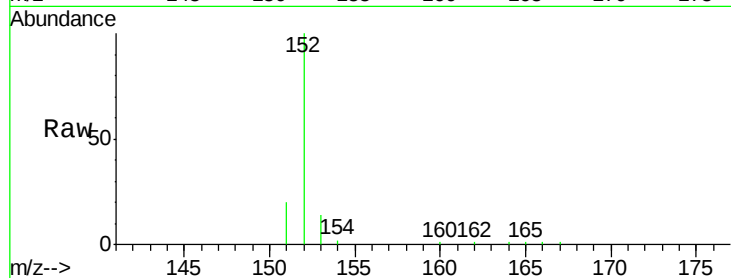
BNA_E

ClientSampleId :

SSTD0.421

Tot Ion:152 Resp: 8685

Ion	Ratio	Lower	Upper
152	100		
151	20.1	17.1	25.7
153	13.8	12.8	19.2

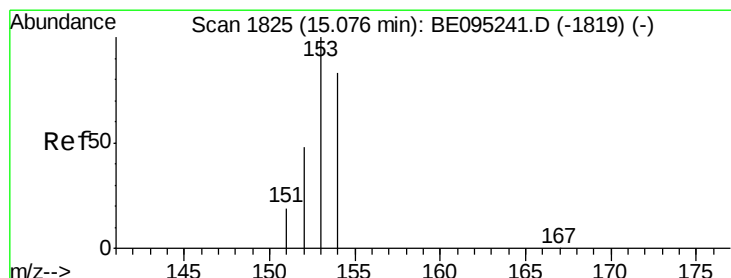
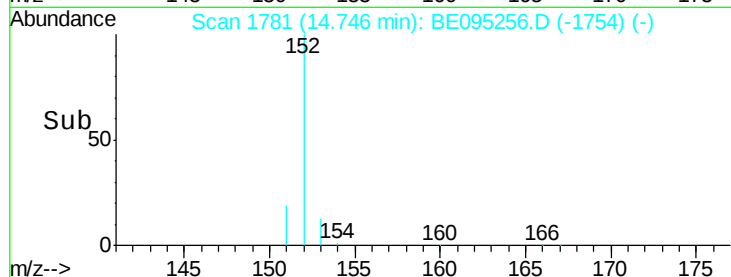
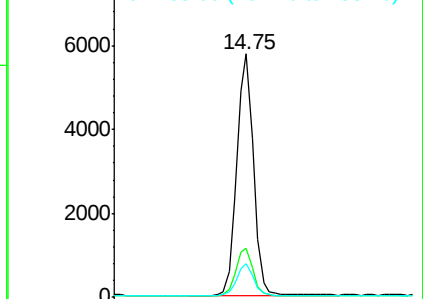


Abundance

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: 0.406 ng/ul

RT: 15.08 min Scan# 1825

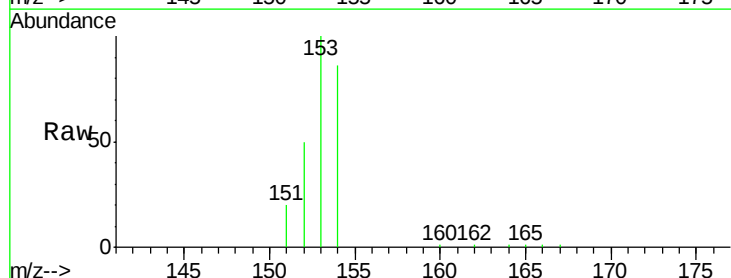
Delta R.T. 0.00 min

Lab File: BE095256.D

Acq: 29 Jan 2018 20:43

Tgt Ion:153 Resp: 6319

Ion	Ratio	Lower	Upper
153	100		
152	49.6	36.0	54.0
154	86.4	72.0	108.0

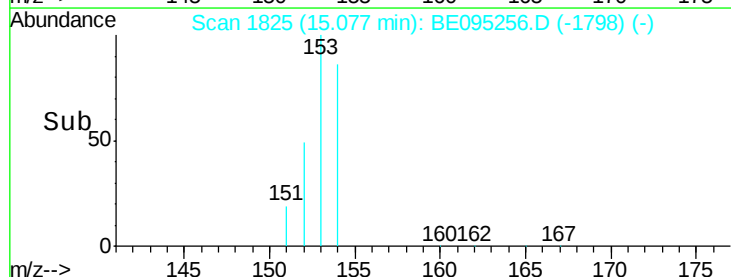
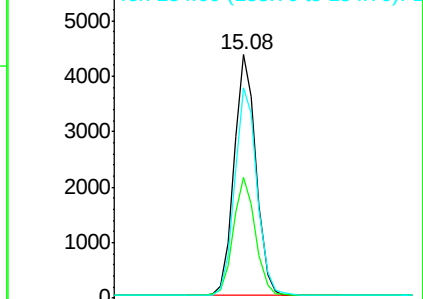


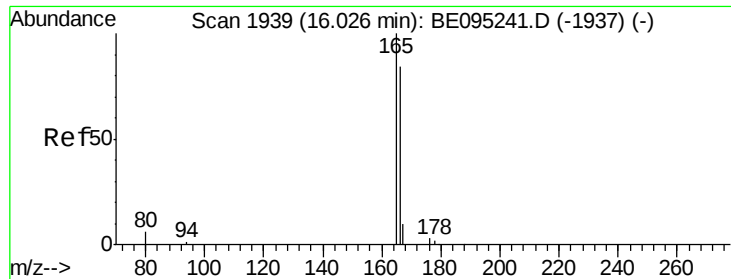
Abundance

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: 0.420 ng/ul

RT: 16.02 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BE095256.D

Acq: 29 Jan 2018 20:43

Instrument :

BNA_E

ClientSampleId :

SSTD0.421

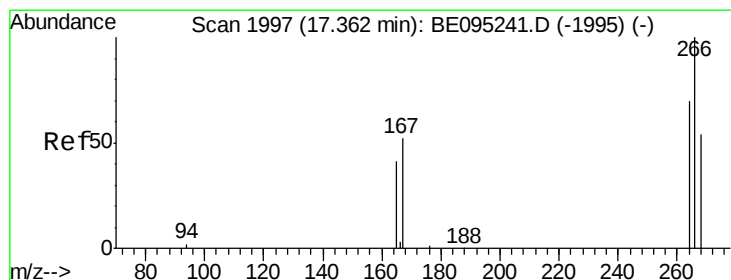
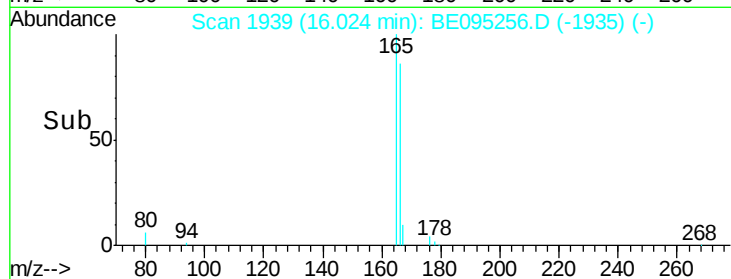
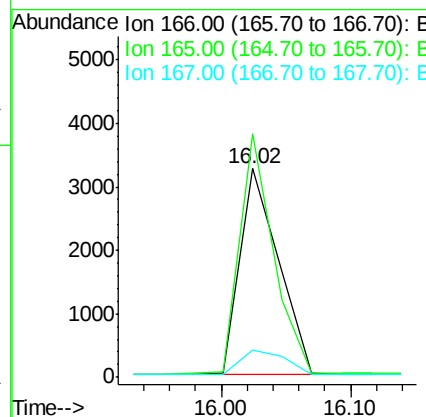
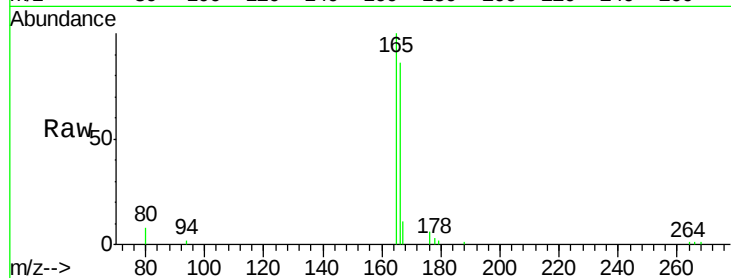
Tot Ion:166 Resp: 6746

Ion Ratio Lower Upper

166 100

165 116.8 73.4 110.2#

167 13.0 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.465 ng/ul

RT: 17.36 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BE095256.D

Acq: 29 Jan 2018 20:43

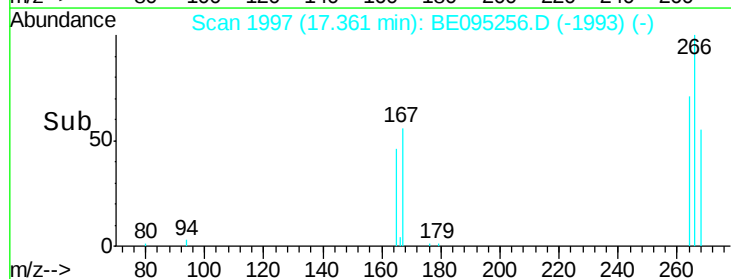
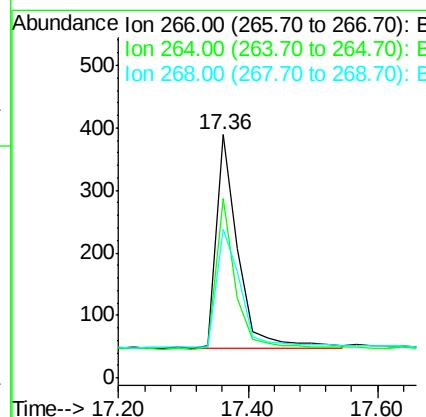
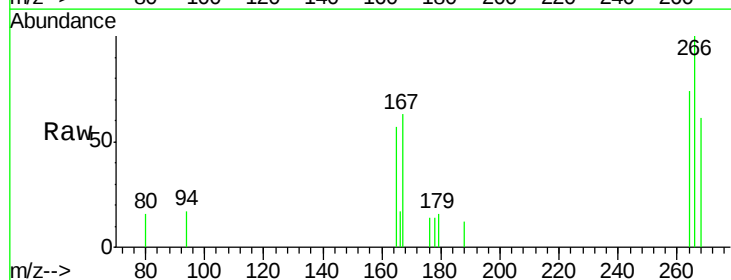
Tgt Ion:266 Resp: 800

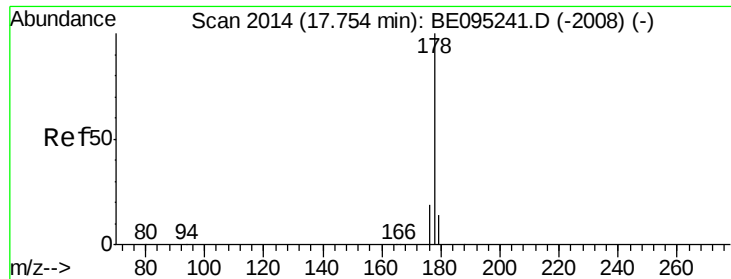
Ion Ratio Lower Upper

266 100

264 64.8 47.9 71.9

268 60.6 49.8 74.8





#12

Phenanthrene

Concen: 0.417 ng/ul

RT: 17.75 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BE095256.D

Acq: 29 Jan 2018 20:43

Instrument :

BNA_E

ClientSampleId :

SSTD0.421

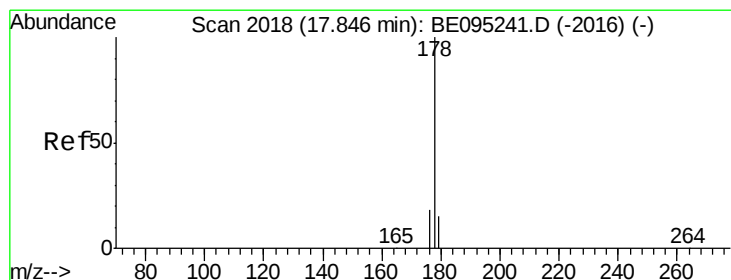
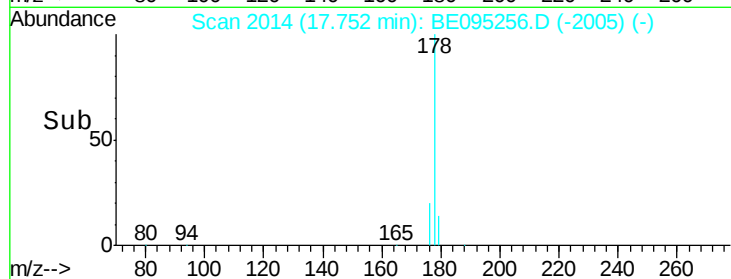
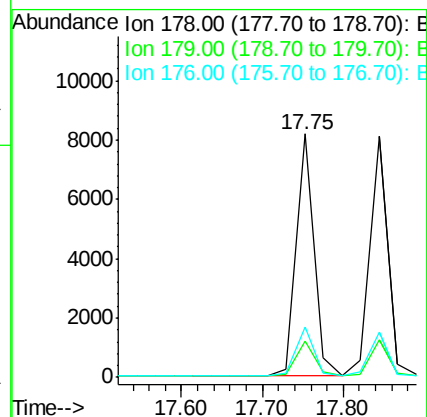
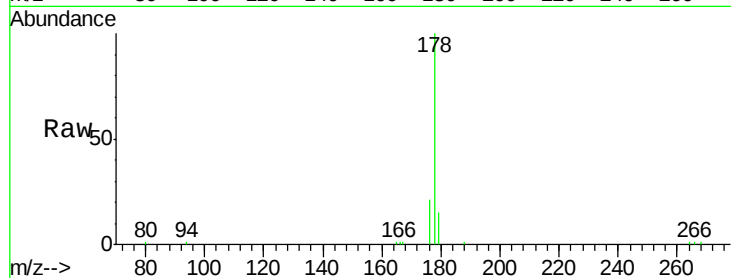
Tot Ion:178 Resp: 12455

Ion Ratio Lower Upper

178 100

179 14.7 18.4 27.6#

176 20.6 13.6 20.4#



#13

Anthracene

Concen: 0.451 ng/ul

RT: 17.84 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BE095256.D

Acq: 29 Jan 2018 20:43

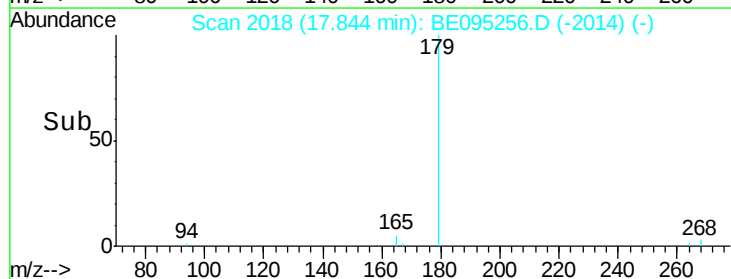
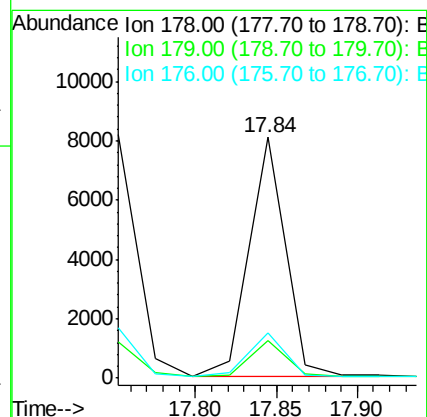
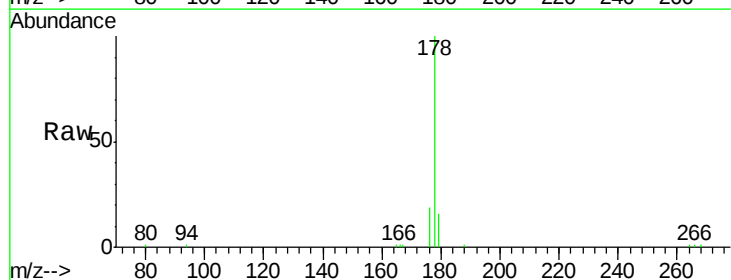
Tgt Ion:178 Resp: 12313

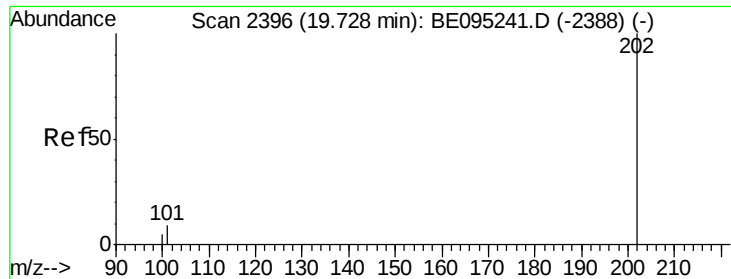
Ion Ratio Lower Upper

178 100

179 15.8 18.1 27.1#

176 18.7 14.7 22.1





#15

Fluoranthene

Concen: 0.372 ng/ul

RT: 19.72 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BE095256.D

Acq: 29 Jan 2018 20:43

Instrument :

BNA_E

ClientSampleId :

SSTD0.421

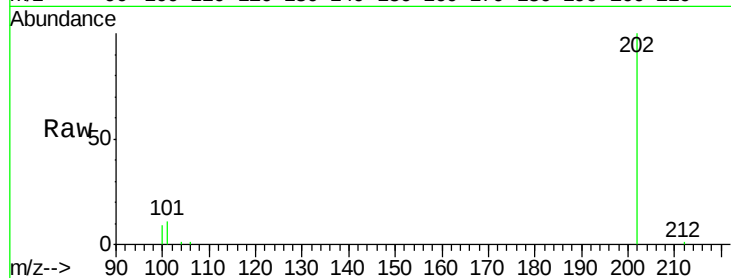
Tot Ion:202 Resp: 14376

Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.3

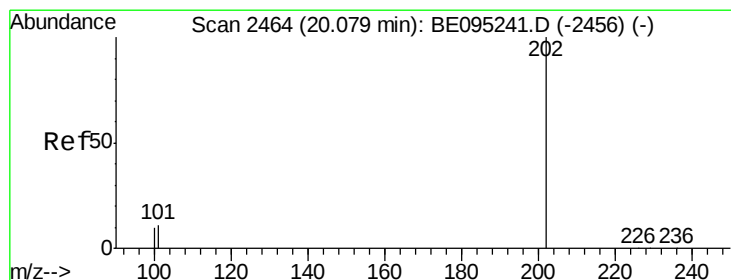
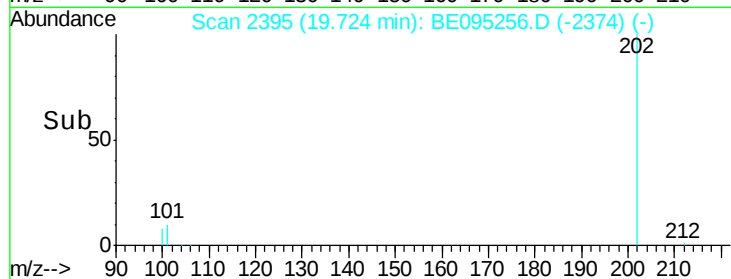
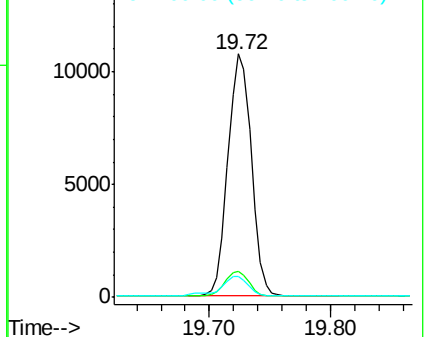
100 8.8 0.0 39.5



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: 0.474 ng/ul

RT: 20.08 min Scan# 2464

Delta R.T. 0.00 min

Lab File: BE095256.D

Acq: 29 Jan 2018 20:43

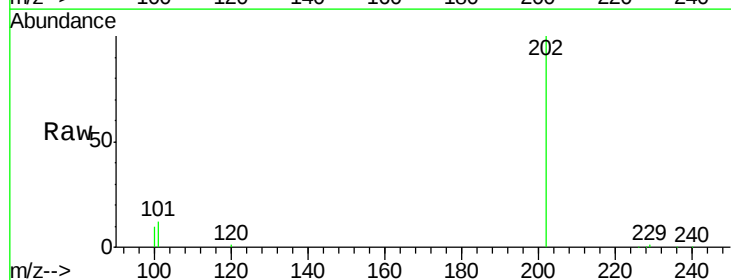
Tgt Ion:202 Resp: 15788

Ion Ratio Lower Upper

202 100

101 11.9 18.2 27.4#

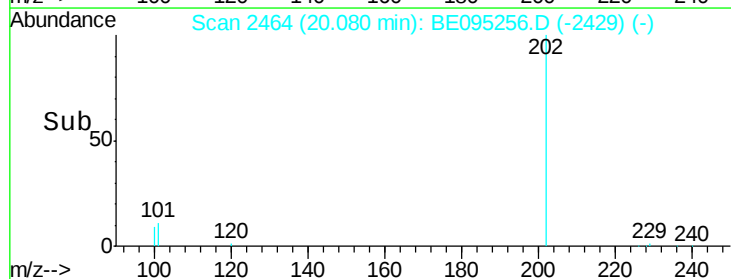
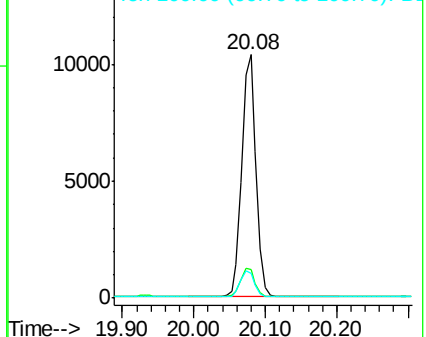
100 9.9 15.6 23.4#

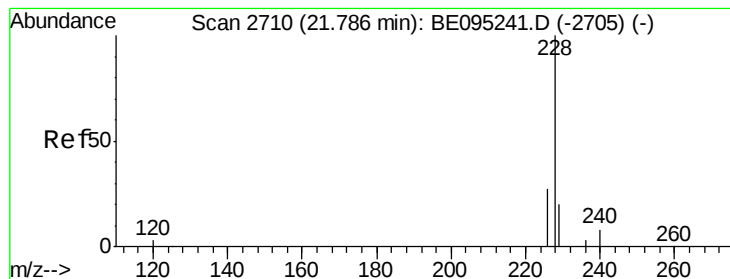


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.429 ng/ul

RT: 21.79 min Scan# 2709

Delta R.T. -0.00 min

Lab File: BE095256.D

Acq: 29 Jan 2018 20:43

Instrument :

BNA_E

ClientSampleId :

SSTD0.421

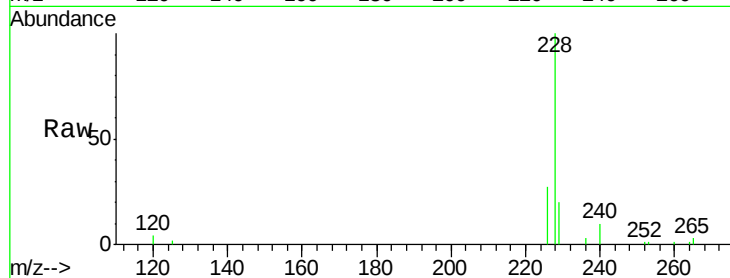
Tot Ion:228 Resp: 13304

Ion Ratio Lower Upper

228 100

229 20.1 22.8 34.2#

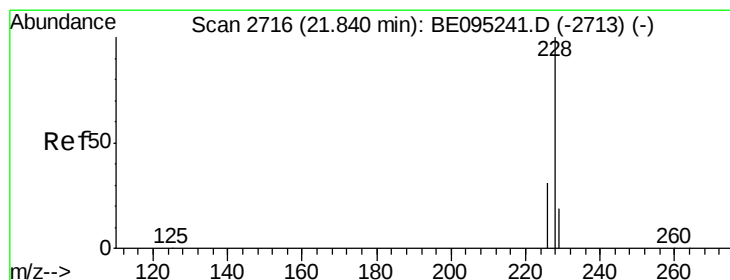
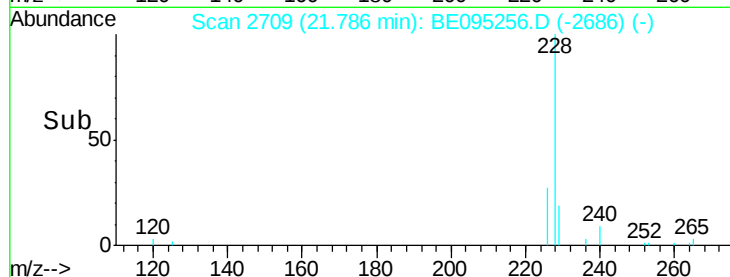
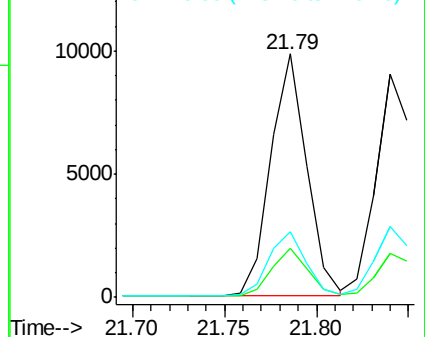
226 27.0 17.0 25.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 0.397 ng/ul

RT: 21.84 min Scan# 2715

Delta R.T. -0.00 min

Lab File: BE095256.D

Acq: 29 Jan 2018 20:43

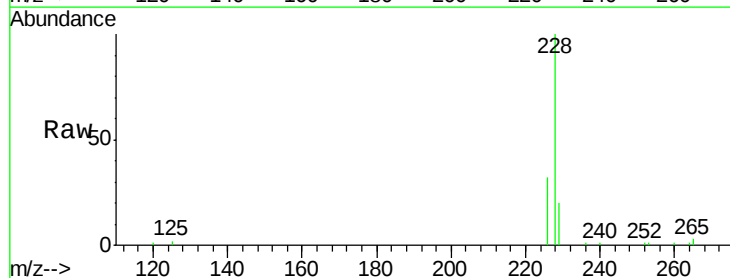
Tgt Ion:228 Resp: 12807

Ion Ratio Lower Upper

228 100

226 31.5 23.4 35.0

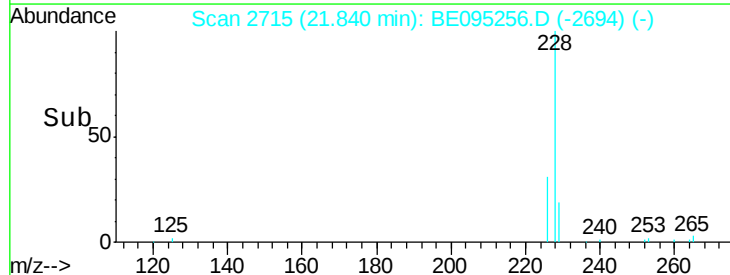
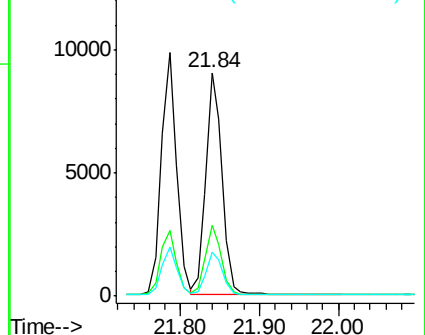
229 19.5 17.7 26.5

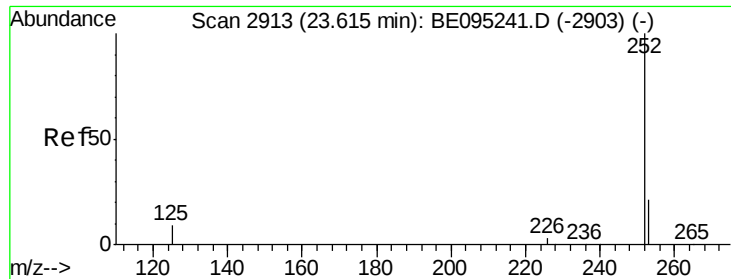


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.372 ng/ul

RT: 23.62 min Scan# 2912

Delta R.T. -0.00 min

Lab File: BE095256.D

Acq: 29 Jan 2018 20:43

Instrument :

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ClientSampleId :

SSTD0.421

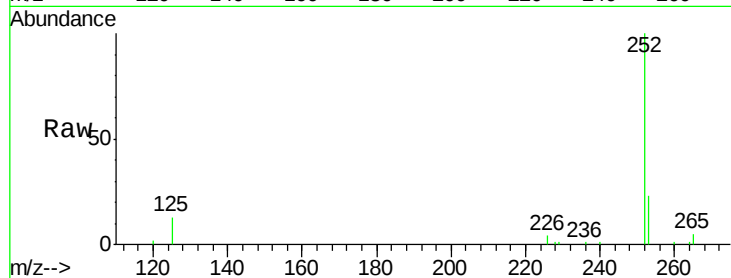
Tot Ion:252 Resp: 12121

Ion Ratio Lower Upper

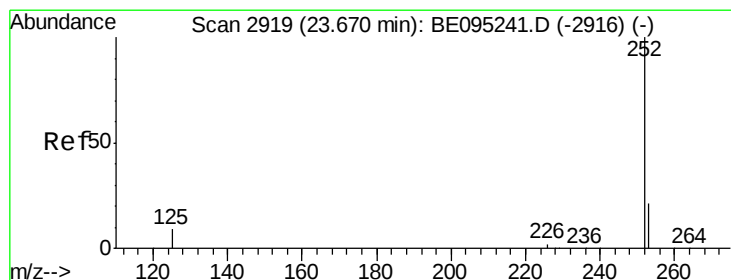
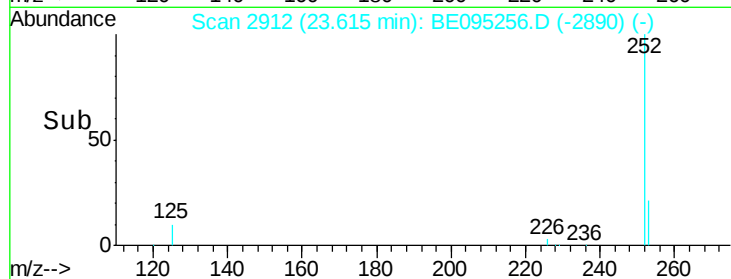
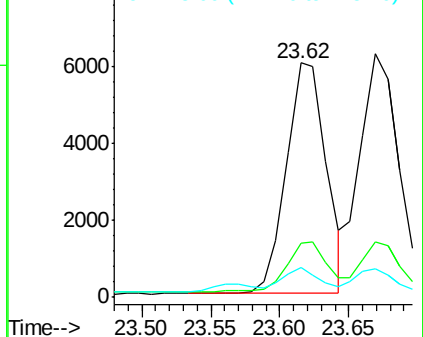
252 100

253 23.3 0.0 64.2

125 12.6 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: 0.413 ng/ul

RT: 23.67 min Scan# 2918

Delta R.T. -0.00 min

Lab File: BE095256.D

Acq: 29 Jan 2018 20:43

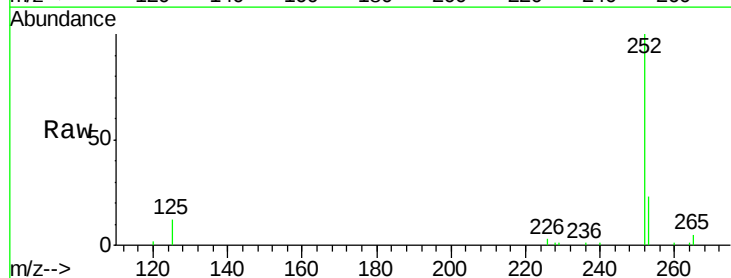
Tgt Ion:252 Resp: 12328

Ion Ratio Lower Upper

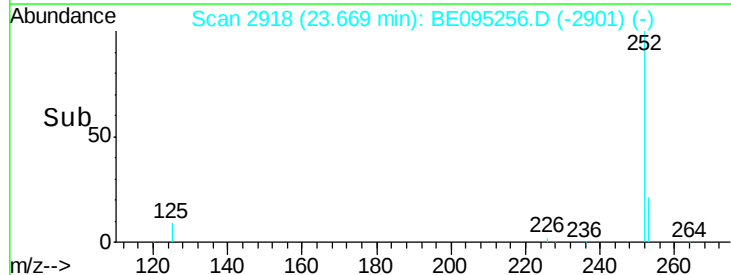
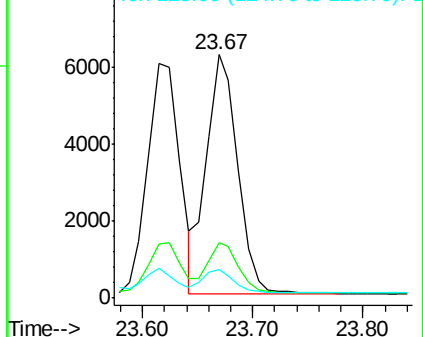
252 100

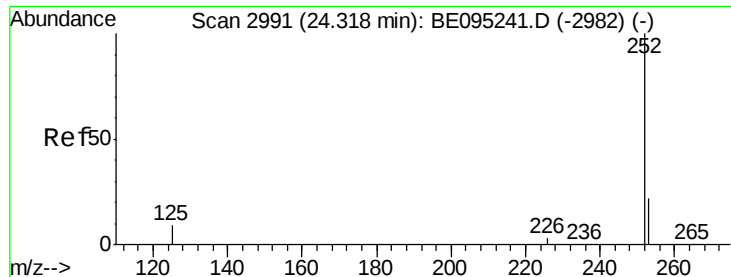
253 22.9 24.5 36.7#

125 11.5 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: 0.405 ng/ul

RT: 24.32 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BE095256.D

Acq: 29 Jan 2018 20:43

Instrument :

BNA_E

ClientSampleId :

SSTD0.421

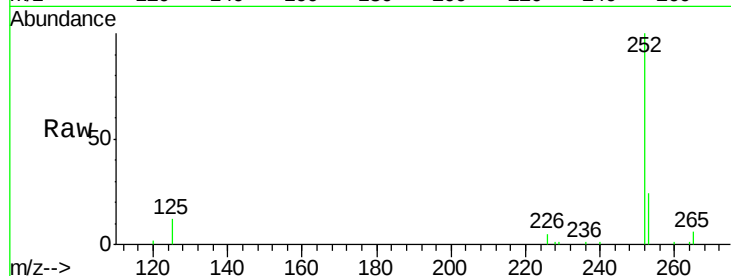
Tot Ion:252 Resp: 11797

Ion Ratio Lower Upper

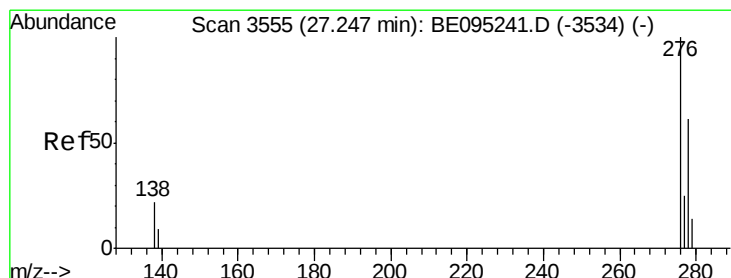
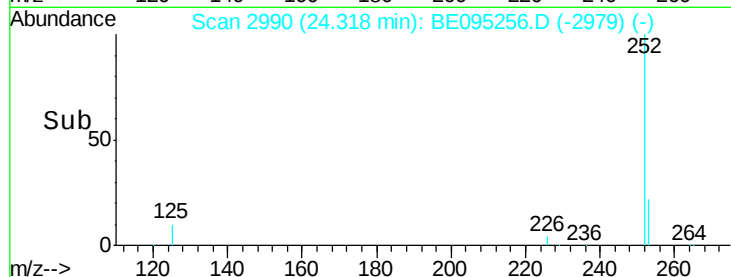
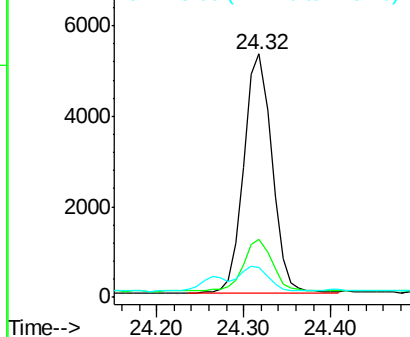
252 100

253 24.0 28.5 42.7#

125 12.4 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: 0.413 ng/ul

RT: 27.25 min Scan# 3554

Delta R.T. 0.00 min

Lab File: BE095256.D

Acq: 29 Jan 2018 20:43

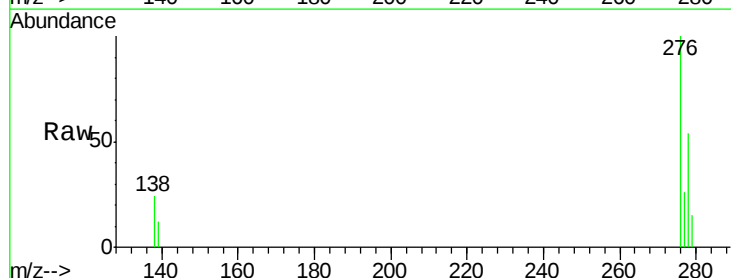
Tgt Ion:276 Resp: 13186

Ion Ratio Lower Upper

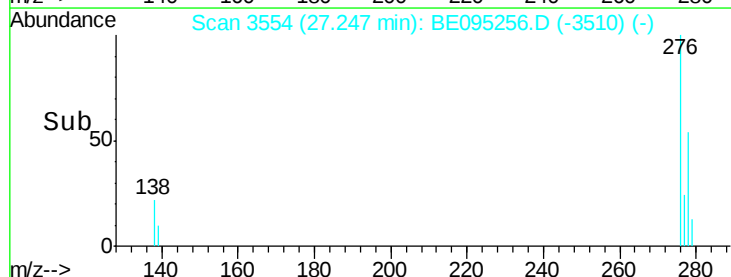
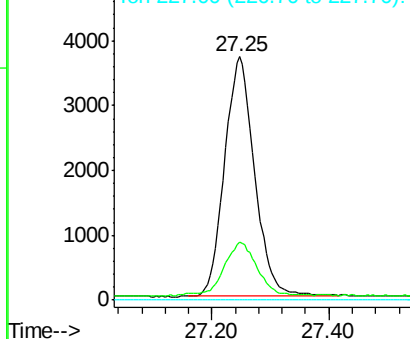
276 100

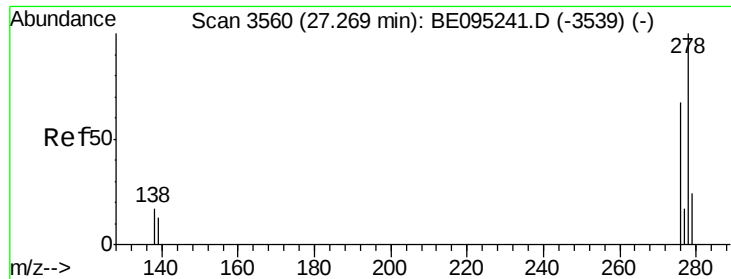
138 24.7 28.0 42.0#

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: 0.410 ng/ul

RT: 27.27 min Scan# 3558

Delta R.T. -0.00 min

Lab File: BE095256.D

Acq: 29 Jan 2018 20:43

Instrument :

BNA_E

ClientSampleId :

SSTD0.421

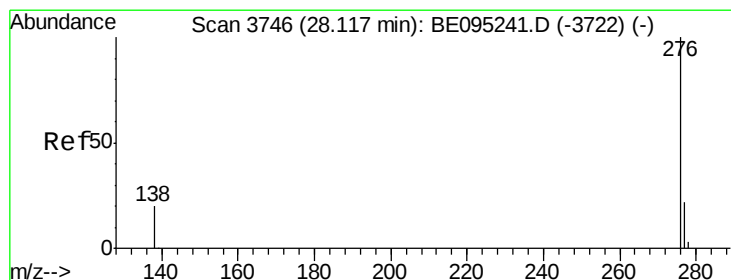
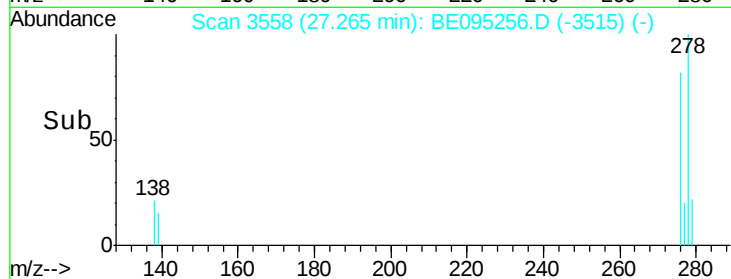
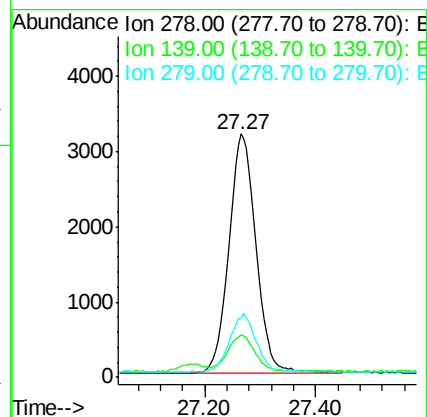
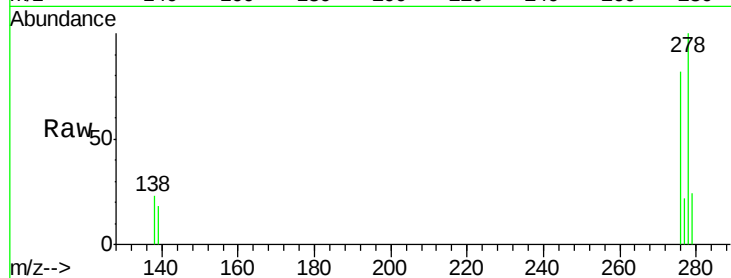
Tot Ion:278 Resp: 10720

Ion Ratio Lower Upper

278 100

139 17.6 17.4 26.0

279 24.4 25.9 38.9#



#26

Benzo(g,h,i)perylene

Concen: 0.411 ng/ul

RT: 28.12 min Scan# 3746

Delta R.T. 0.00 min

Lab File: BE095256.D

Acq: 29 Jan 2018 20:43

Tgt Ion:276 Resp: 11104

Ion Ratio Lower Upper

276 100

138 21.6 21.8 32.8#

277 24.7 20.5 30.7

