

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070918\
 Data File : BE096886.D
 Acq On : 9 Jul 2018 18:09
 Operator : SJ/JU
 Sample : J3765-06DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 10 03:15:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 10 02:37:30 2018
 Response via : Initial Calibration

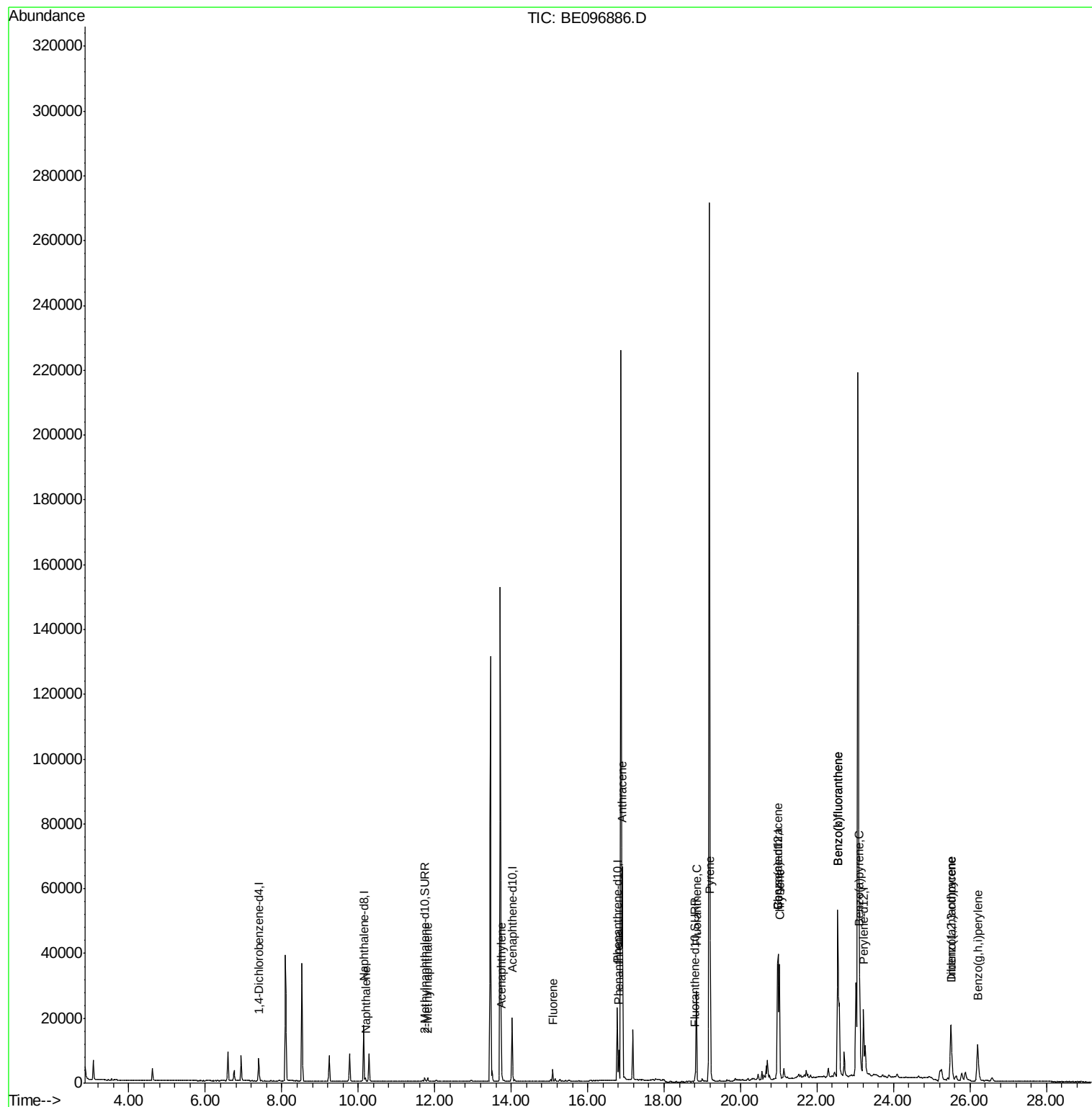
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3126	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	17449	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	10557	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	25159	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	24588	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	28726	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	1290	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	3222	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.19	128	1699	0.040	ng/ul#	92
5) 2-Methylnaphthalene	11.82	142	942	0.033	ng/ul	97
7) Acenaphthylene	13.74	152	3679	0.085	ng/ul	99
9) Fluorene	15.08	166	2103	0.057	ng/ul	93
12) Phenanthrene	16.82	178	9655	0.149	ng/ul#	89
13) Anthracene	16.91	178	67572	1.227	ng/ul#	92
15) Fluoranthene	18.85	202	31529	0.456	ng/ul	83
17) Pyrene	19.21	202	44027	0.545	ng/ul#	81
18) Benzo(a)anthracene	20.96	228	24738	0.427	ng/ul#	84
19) Chrysene	21.02	228	39635	0.528	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	107882	1.376	ng/ul	83
22) Benzo(k)fluoranthene	22.54	252	107882	1.260	ng/ul#	85
23) Benzo(a)pyrene	23.12	252	38366	0.579	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.50	276	29856	0.434	ng/ul#	77
25) Dibenzo(a,h)anthracene	25.51	278	7418	0.136	ng/ul	92
26) Benzo(a,h,i)perylene	26.20	276	25232	0.378	ng/ul#	94

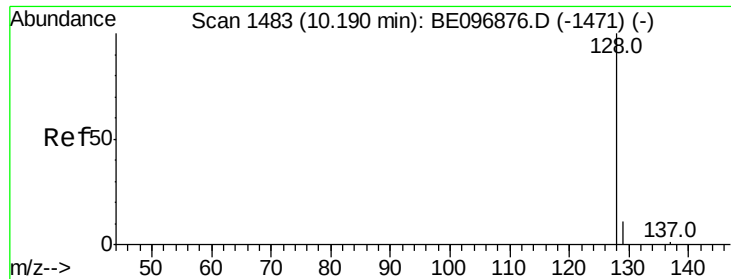
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.040 ng/ul

RT: 10.19 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BE096886.D

Acq: 9 Jul 2018 18:09

Instrument :

BNA_E

ClientSampleId :

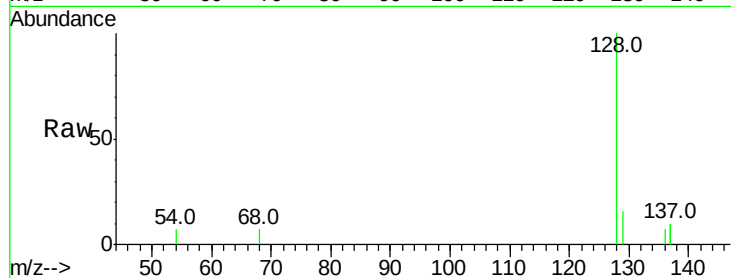
Tot Ion:128 Resp: 1699

Ion Ratio Lower Upper

128 100

129 16.4 11.3 16.9

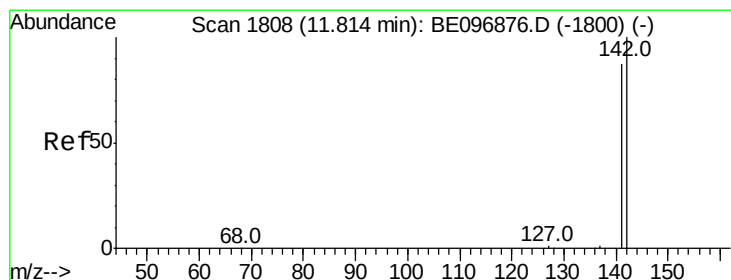
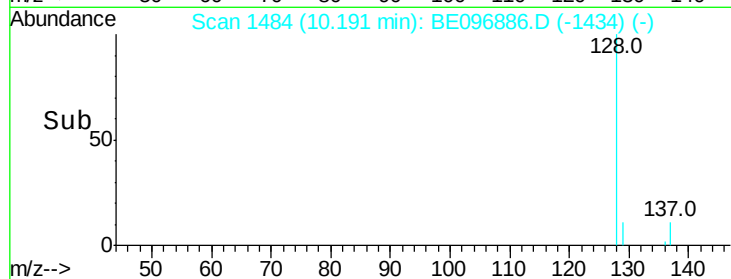
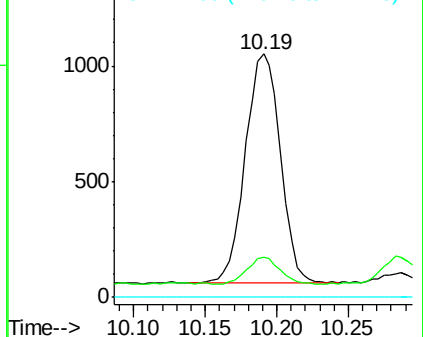
127 0.0 4.0 6.0#



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: 0.033 ng/ul

RT: 11.82 min Scan# 1809

Delta R.T. 0.00 min

Lab File: BE096886.D

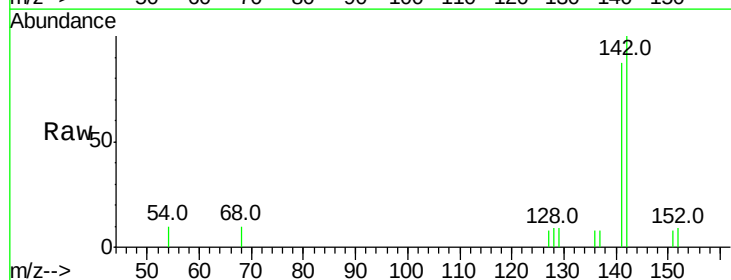
Acq: 9 Jul 2018 18:09

Tgt Ion:142 Resp: 942

Ion Ratio Lower Upper

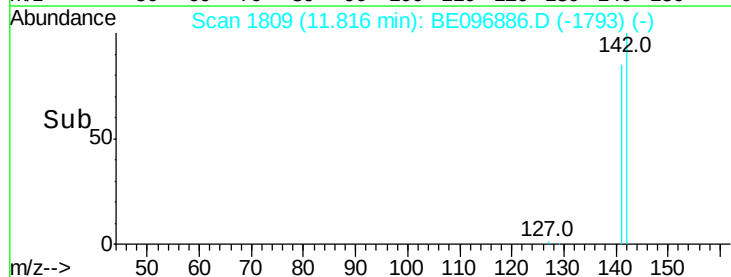
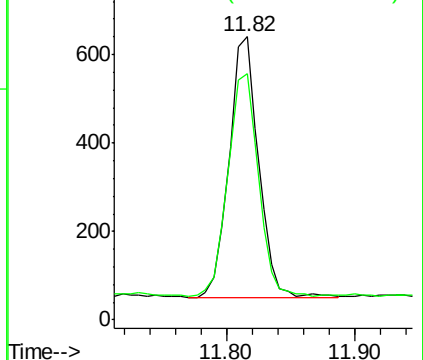
142 100

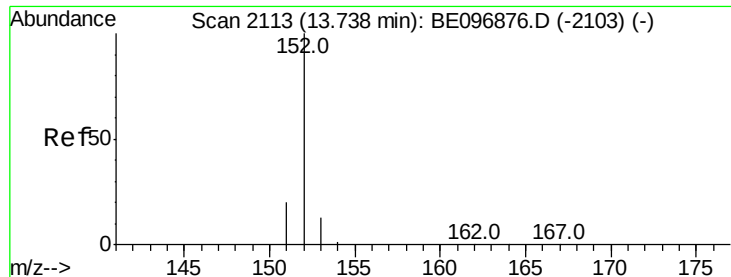
141 87.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.085 ng/ul

RT: 13.74 min Scan# 2115

Delta R.T. 0.01 min

Lab File: BE096886.D

Acq: 9 Jul 2018 18:09

Instrument :

BNA_E

ClientSampleId :

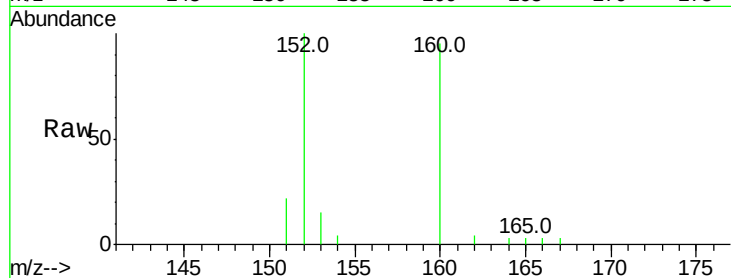
Tot Ion:152 Resp: 3679

Ion Ratio Lower Upper

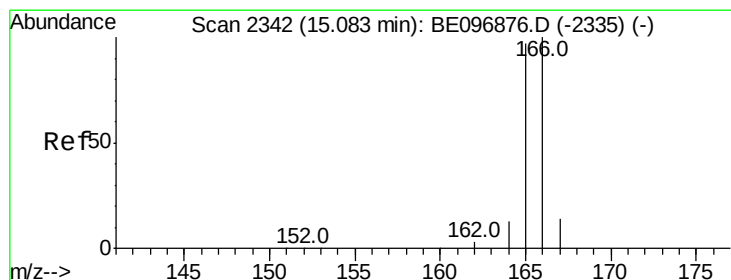
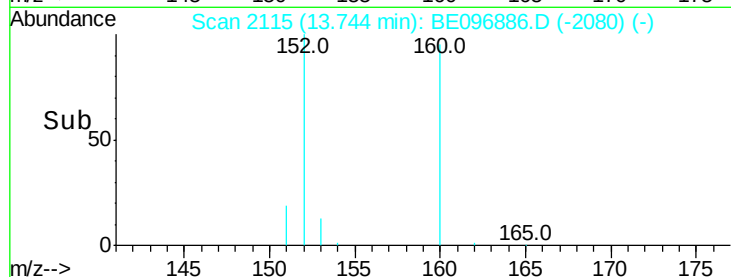
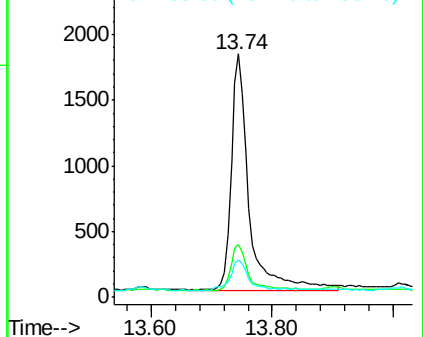
152 100

151 21.5 17.1 25.7

153 15.5 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



#9

Fluorene

Concen: 0.057 ng/ul

RT: 15.08 min Scan# 2343

Delta R.T. 0.00 min

Lab File: BE096886.D

Acq: 9 Jul 2018 18:09

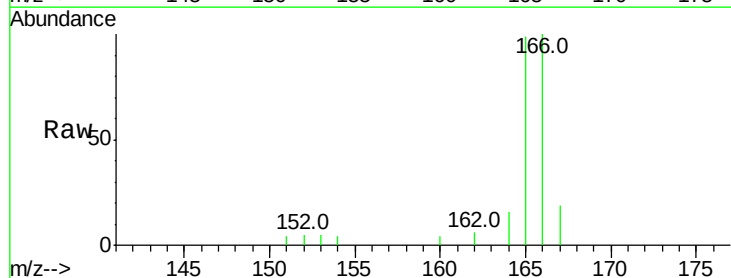
Tgt Ion:166 Resp: 2103

Ion Ratio Lower Upper

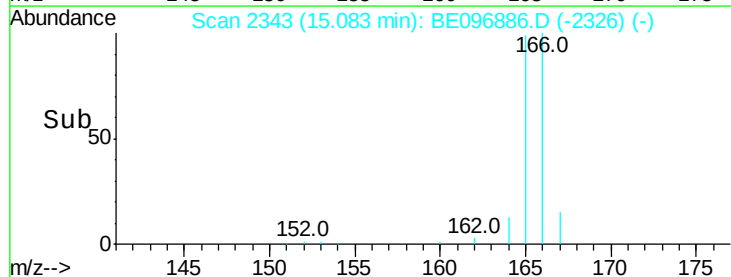
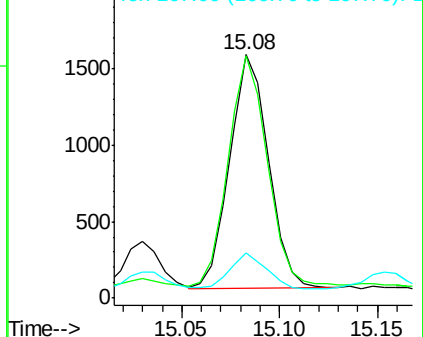
166 100

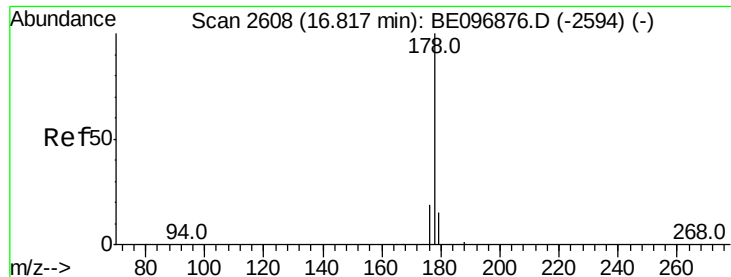
165 99.4 73.4 110.2

167 18.7 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





#12

Phenanthrene

Concen: 0.149 ng/ul

RT: 16.82 min Scan# 2609

Delta R.T. -0.00 min

Lab File: BE096886.D

Acq: 9 Jul 2018 18:09

Instrument :

BNA_E

ClientSampleId :

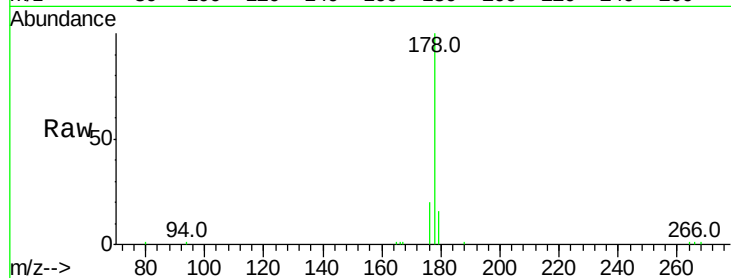
Tot Ion:178 Resp: 9655

Ion Ratio Lower Upper

178 100

179 15.9 18.4 27.6#

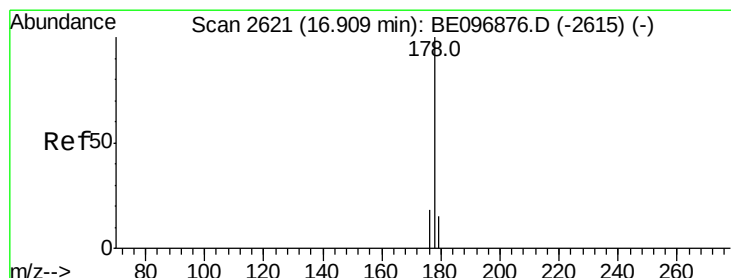
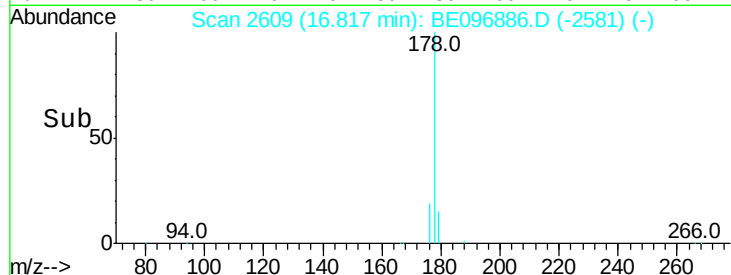
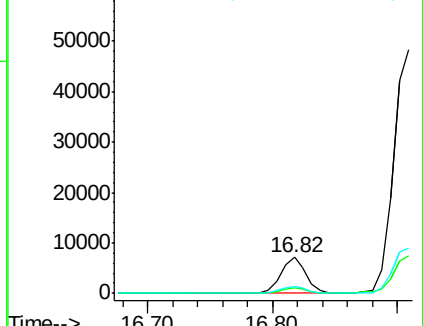
176 20.1 13.6 20.4



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: 1.227 ng/ul

RT: 16.91 min Scan# 2622

Delta R.T. -0.00 min

Lab File: BE096886.D

Acq: 9 Jul 2018 18:09

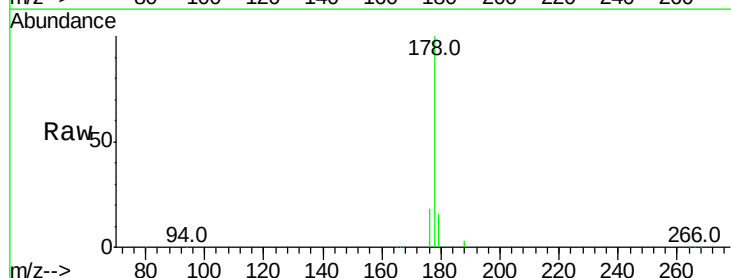
Tgt Ion:178 Resp: 67572

Ion Ratio Lower Upper

178 100

179 15.5 18.1 27.1#

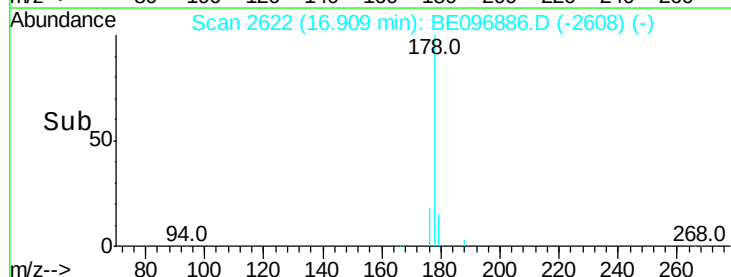
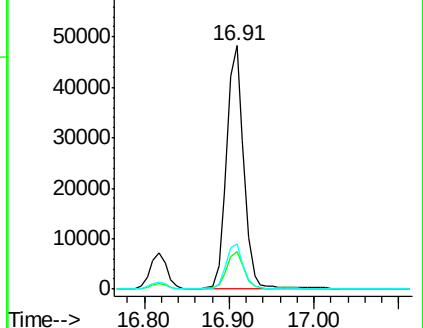
176 18.5 14.7 22.1

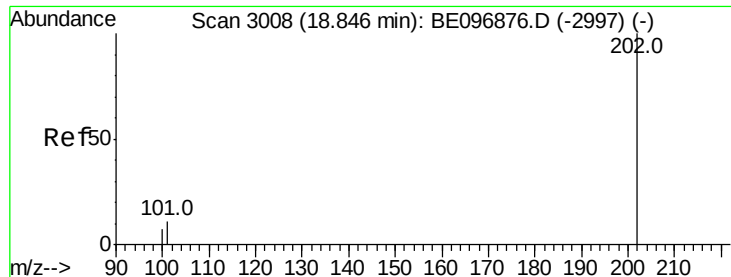


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.456 ng/ul

RT: 18.85 min Scan# 3009

Delta R.T. -0.00 min

Lab File: BE096886.D

Acq: 9 Jul 2018 18:09

Instrument :

BNA_E

ClientSampleId :

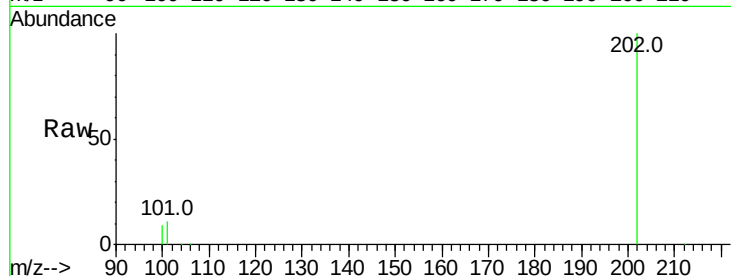
Tot Ion:202 Resp: 31529

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.3

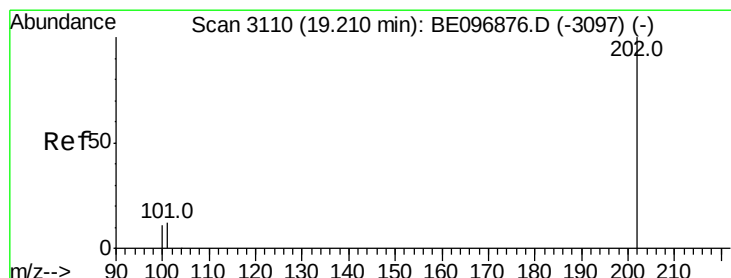
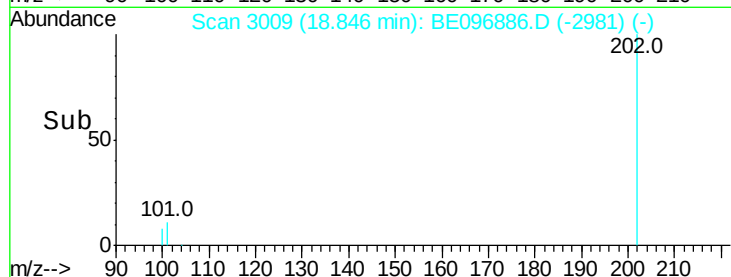
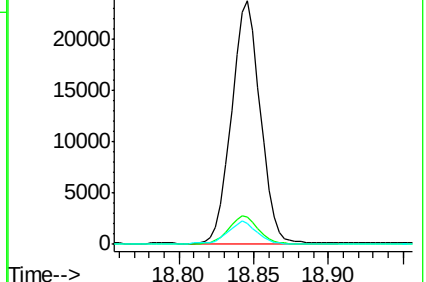
100 8.6 0.0 39.5



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: 0.545 ng/ul

RT: 19.21 min Scan# 3111

Delta R.T. -0.00 min

Lab File: BE096886.D

Acq: 9 Jul 2018 18:09

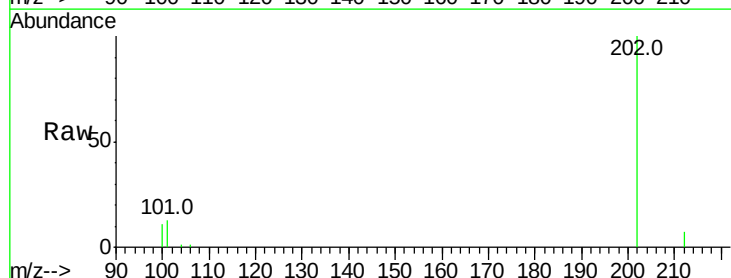
Tgt Ion:202 Resp: 44027

Ion Ratio Lower Upper

202 100

101 13.1 18.2 27.4#

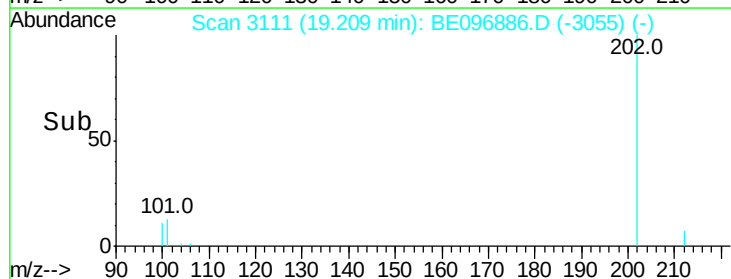
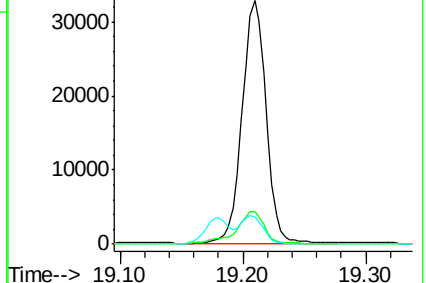
100 11.3 15.6 23.4#

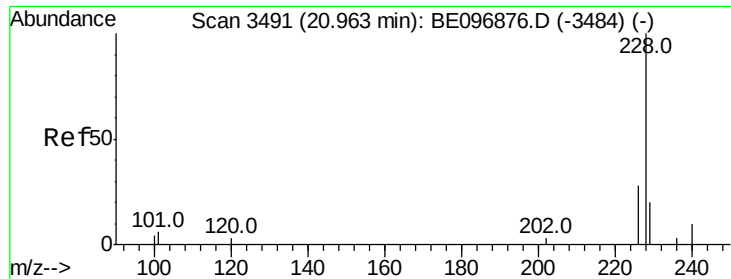


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

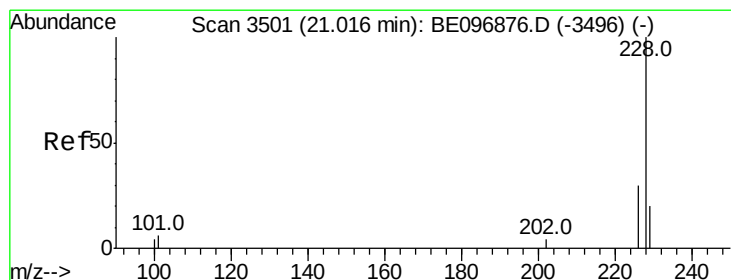
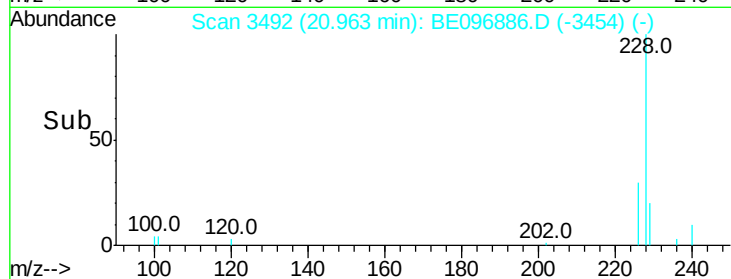
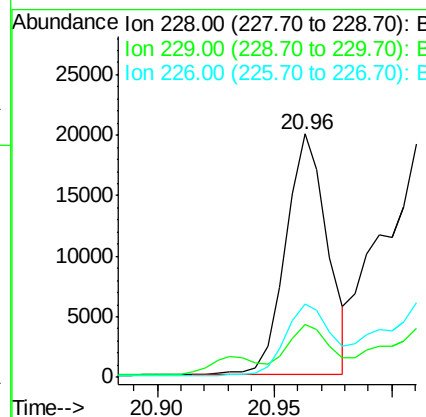
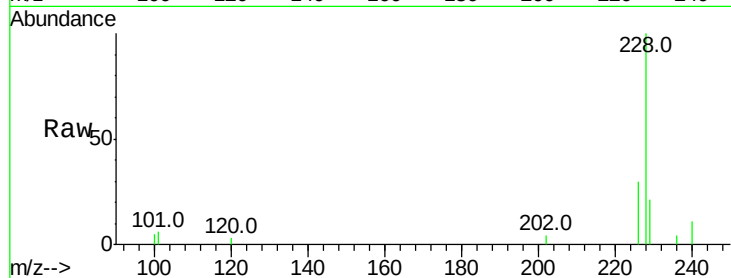




#18
Benzo(a)anthracene
Concen: 0.427 ng/ul
RT: 20.96 min Scan# 3492
Delta R.T. -0.00 min
Lab File: BE096886.D
Acq: 9 Jul 2018 18:09

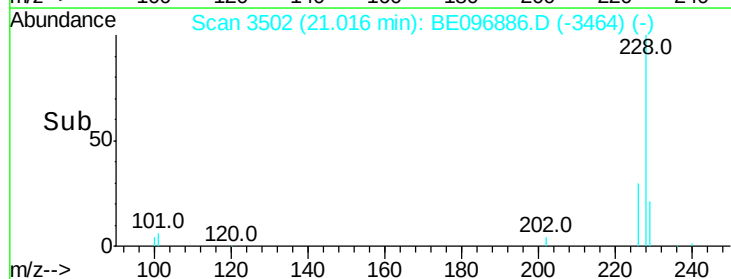
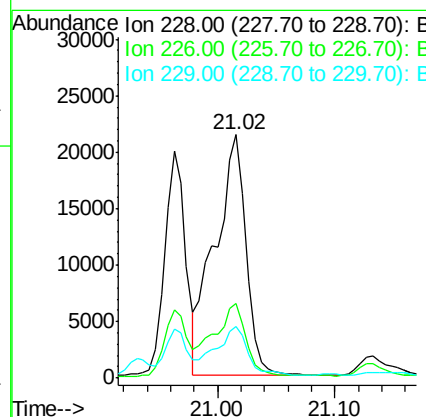
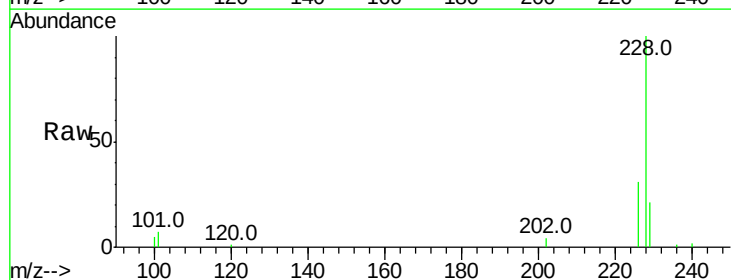
Instrument :
BNA_E
ClientSampleId :

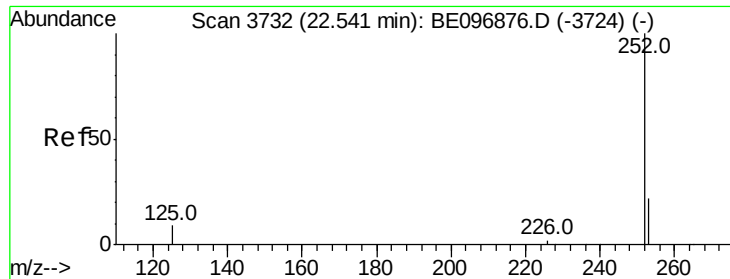
Tot Ion:228 Resp: 24738
Ion Ratio Lower Upper
228 100
229 21.5 22.8 34.2#
226 30.2 17.0 25.6#



#19
Chrysene
Concen: 0.528 ng/ul
RT: 21.02 min Scan# 3502
Delta R.T. -0.00 min
Lab File: BE096886.D
Acq: 9 Jul 2018 18:09

Tgt Ion:228 Resp: 39635
Ion Ratio Lower Upper
228 100
226 30.7 23.4 35.0
229 21.4 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 1.376 ng/ul

RT: 22.54 min Scan# 3733

Delta R.T. 0.00 min

Lab File: BE096886.D

Acq: 9 Jul 2018 18:09

Instrument :

BNA_E

ClientSampleId :

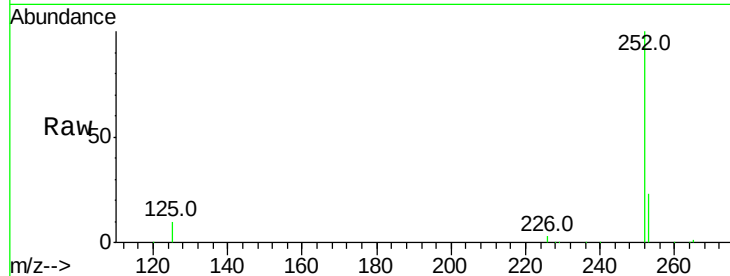
Tot Ion:252 Resp: 107882

Ion Ratio Lower Upper

252 100

253 22.8 0.0 64.2

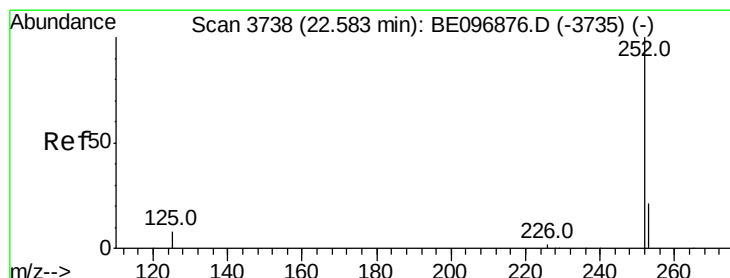
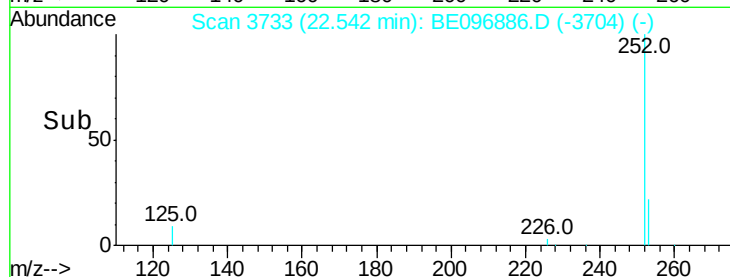
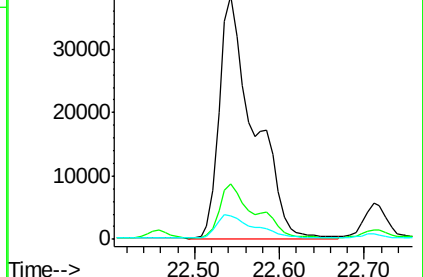
125 9.9 0.0 35.0



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: 1.260 ng/ul

RT: 22.54 min Scan# 3733

Delta R.T. -0.04 min

Lab File: BE096886.D

Acq: 9 Jul 2018 18:09

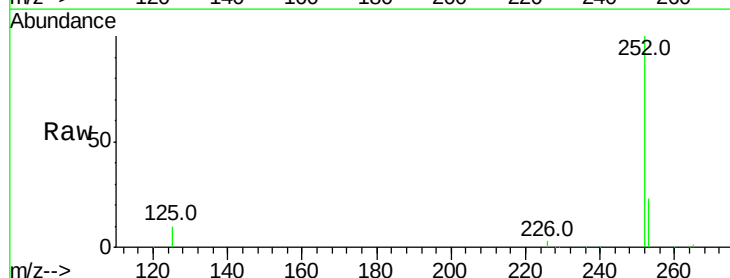
Tgt Ion:252 Resp: 107882

Ion Ratio Lower Upper

252 100

253 22.8 24.5 36.7#

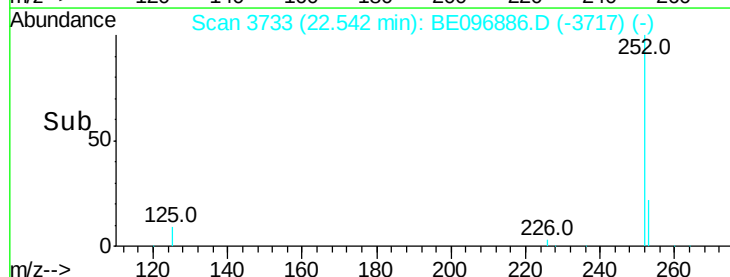
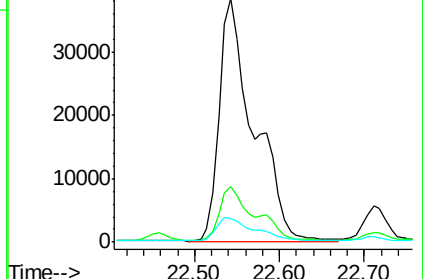
125 9.9 13.7 20.5#

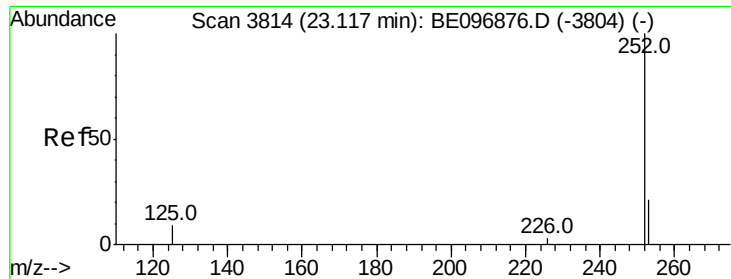


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.579 ng/ul

RT: 23.12 min Scan# 3815

Delta R.T. 0.00 min

Lab File: BE096886.D

Acq: 9 Jul 2018 18:09

Instrument :

BNA_E

ClientSampleId :

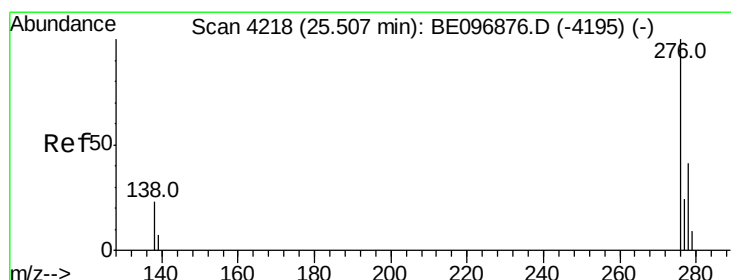
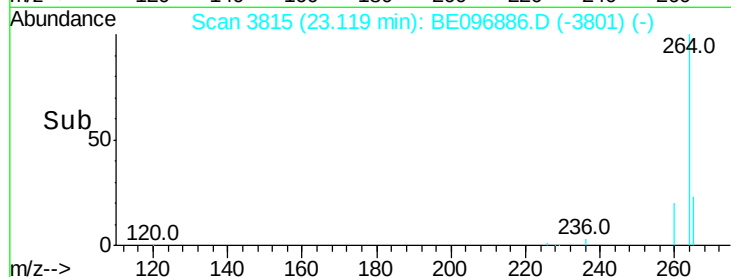
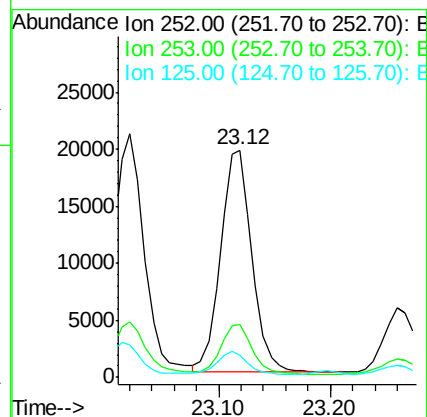
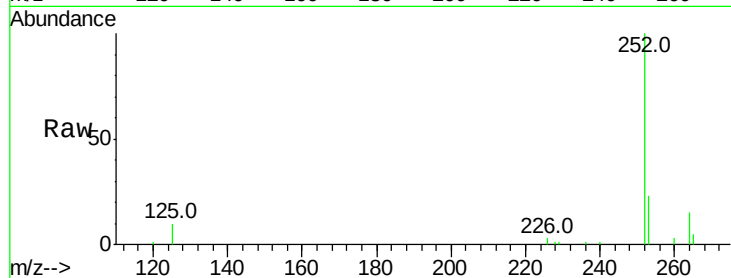
Tot Ion:252 Resp: 38366

Ion Ratio Lower Upper

252 100

253 23.1 28.5 42.7#

125 10.0 18.1 27.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.434 ng/ul

RT: 25.50 min Scan# 4217

Delta R.T. -0.01 min

Lab File: BE096886.D

Acq: 9 Jul 2018 18:09

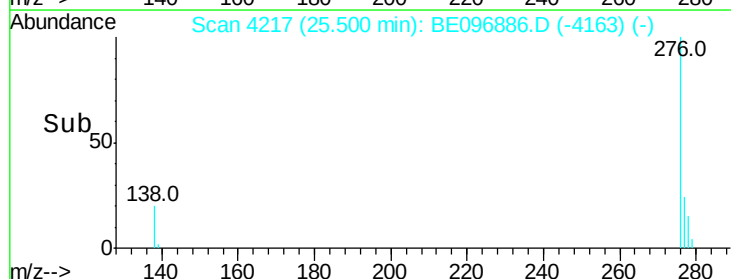
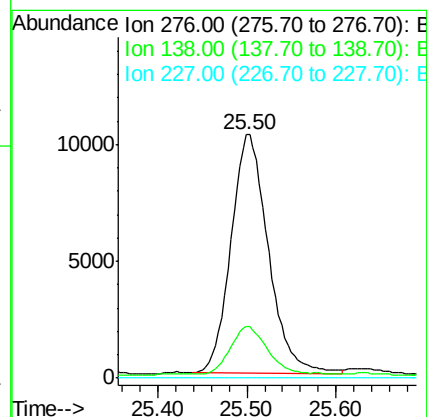
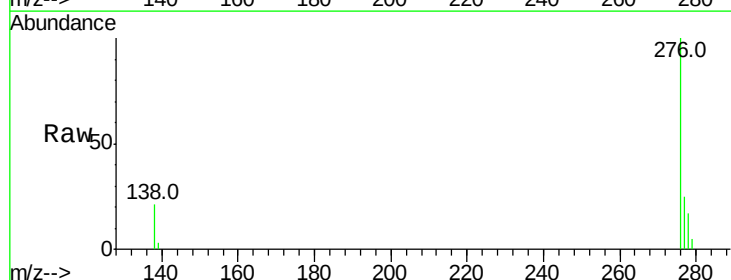
Tgt Ion:276 Resp: 29856

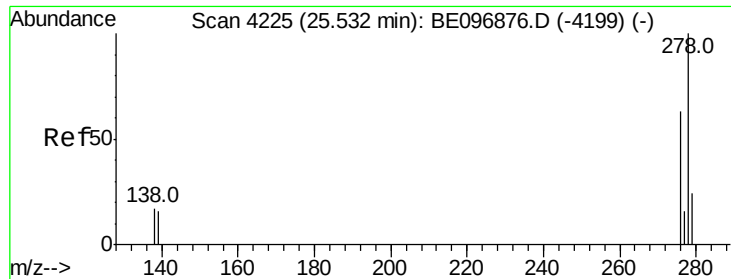
Ion Ratio Lower Upper

276 100

138 22.1 28.0 42.0#

227 0.0 8.0 12.0#



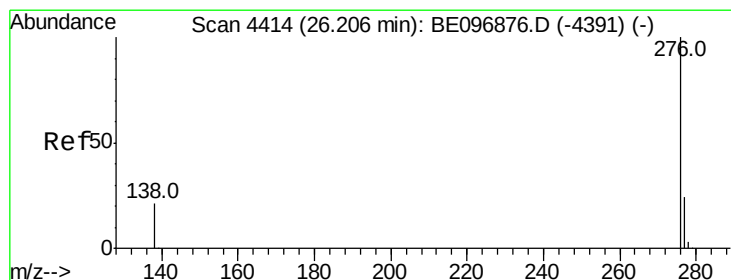
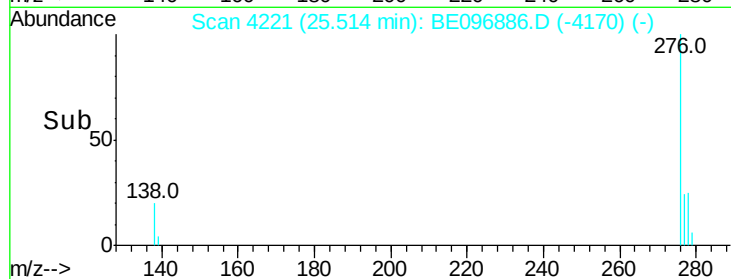
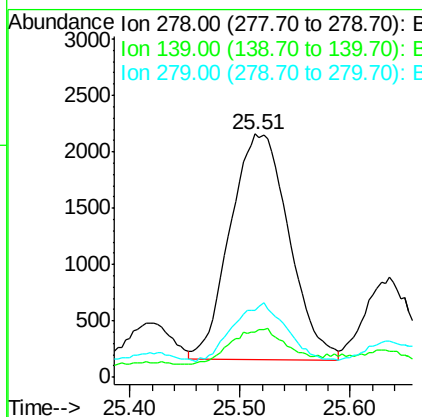
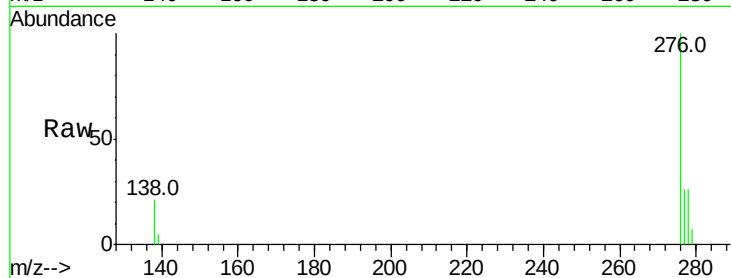


#25
Dibenzo(a,h)anthracene
Concen: 0.136 ng/ul
RT: 25.51 min Scan# 4221
Delta R.T. -0.02 min
Lab File: BE096886.D
Acq: 9 Jul 2018 18:09

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 7418

Ion	Ratio	Lower	Upper
278	100		
139	18.8	17.4	26.0
279	27.5	25.9	38.9



#26
Benzo(g,h,i)perylene
Concen: 0.378 ng/ul
RT: 26.20 min Scan# 4414
Delta R.T. -0.00 min
Lab File: BE096886.D
Acq: 9 Jul 2018 18:09

Tgt Ion:276 Resp: 25232

Ion	Ratio	Lower	Upper
276	100		
138	21.6	21.8	32.8#
277	24.8	20.5	30.7

