

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\
 Data File : BE096857.D
 Acq On : 6 Jul 2018 17:29
 Operator : SJ/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 07 03:25:10 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 : Fri Jul 06 16:55:25 2018
 Response via : Initial Calibration

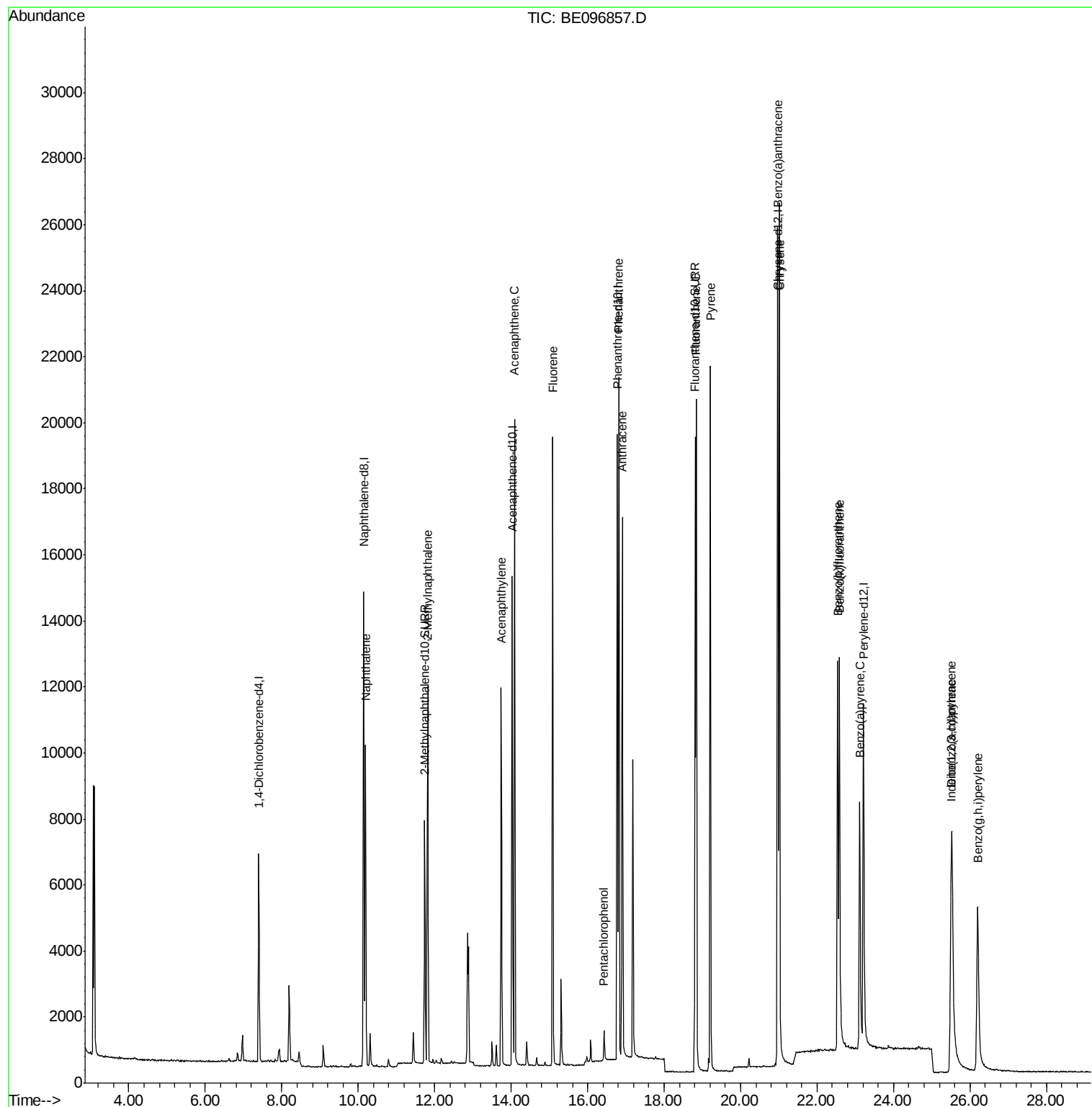
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2950	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	14627	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	8007	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	21599	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	17775	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	14638	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	9574	0.40	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	21035	0.39	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.19	128	14294	0.404	ng/ul#	90
5) 2-Methylnaphthalene	11.81	142	9665	0.401	ng/ul	99
7) Acenaphthylene	13.74	152	13130	0.400	ng/ul	96
8) Acenaphthene	14.09	153	10793	0.398	ng/ul#	95
9) Fluorene	15.08	166	11186	0.400	ng/ul#	92
11) Pentachlorophenol	16.43	266	494	0.349	ng/ul	97
12) Phenanthrene	16.82	178	22285	0.400	ng/ul#	89
13) Anthracene	16.90	178	18508	0.391	ng/ul#	92
15) Fluoranthene	18.85	202	23518	0.396	ng/ul	84
17) Pyrene	19.21	202	23985	0.411	ng/ul#	79
18) Benzo(a)anthracene	20.96	228	16628	0.397	ng/ul#	84
19) Chrysene	21.02	228	21715	0.400	ng/ul	97
21) Benzo(b)fluoranthene	22.54	252	15963	0.400	ng/ul	83
22) Benzo(k)fluoranthene	22.58	252	17635	0.404	ng/ul#	86
23) Benzo(a)pyrene	23.12	252	13483	0.399	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.51	276	14108	0.402	ng/ul#	79
25) Dibenzo(a,h)anthracene	25.53	278	11334	0.407	ng/ul#	90
26) Benzo(g,h,i)perylene	26.21	276	13738	0.403	ng/ul#	93

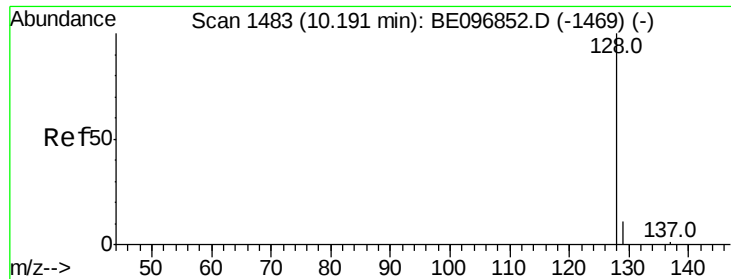
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\
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Misc :
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Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 06 18:07:15 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 : Fri Jul 06 16:55:25 2018
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#3

Naphthalene

Concen: 0.404 ng/ul

RT: 10.19 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BE096857.D

Acq: 6 Jul 2018 17:29

Instrument :

BNA_E

ClientSampleId :

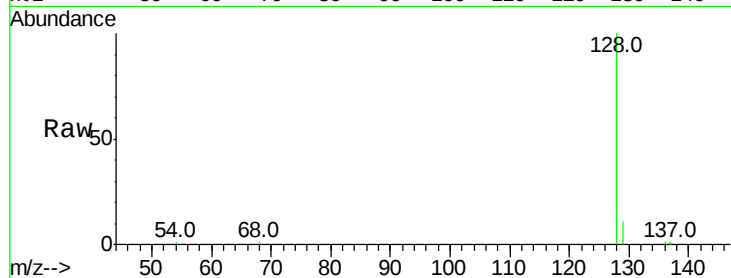
Tot Ion:128 Resp: 14294

Ion Ratio Lower Upper

128 100

129 11.0 11.3 16.9#

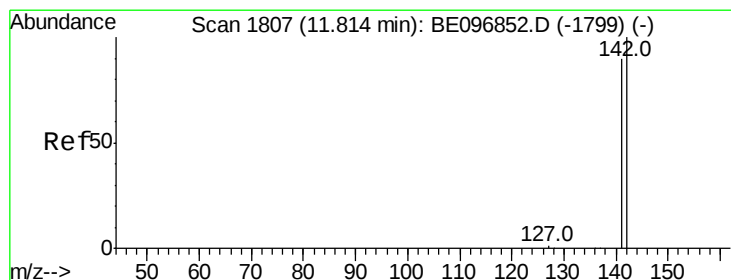
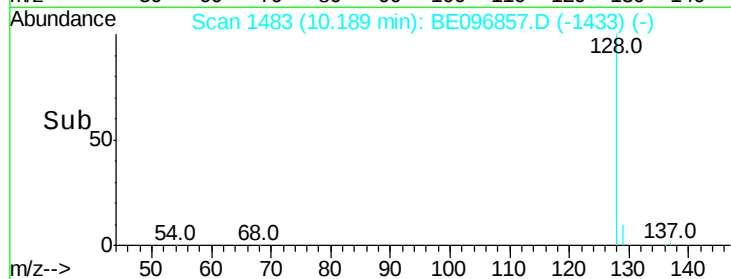
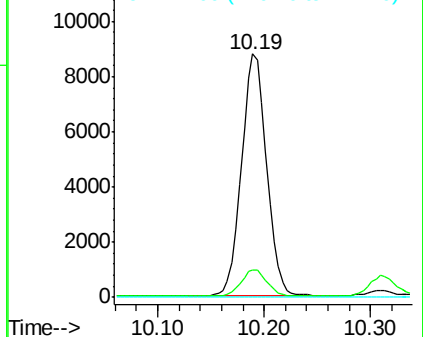
127 0.0 4.0 6.0#



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: 0.401 ng/ul

RT: 11.81 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BE096857.D

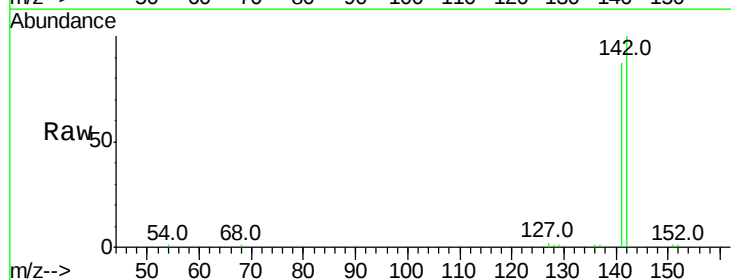
Acq: 6 Jul 2018 17:29

Tgt Ion:142 Resp: 9665

Ion Ratio Lower Upper

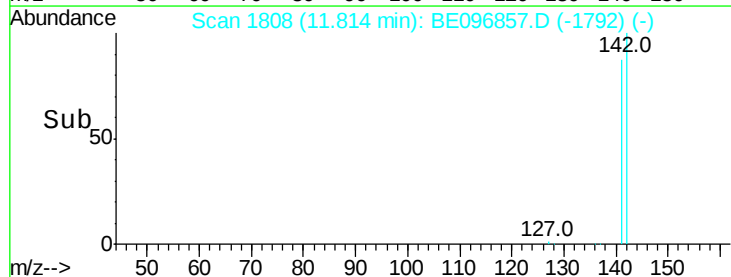
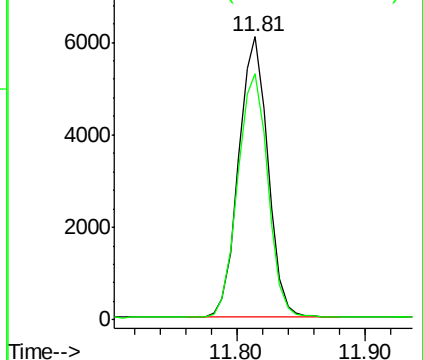
142 100

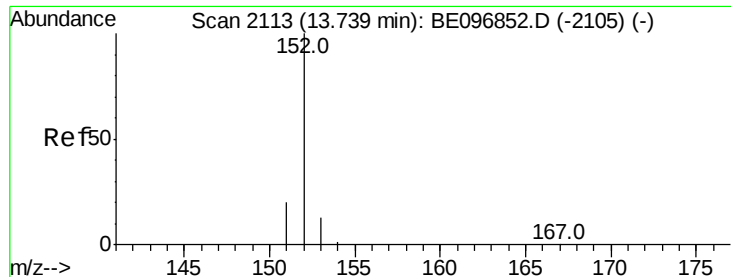
141 89.5 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.400 ng/ul

RT: 13.74 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BE096857.D

Acq: 6 Jul 2018 17:29

Instrument :

BNA_E

ClientSampleId :

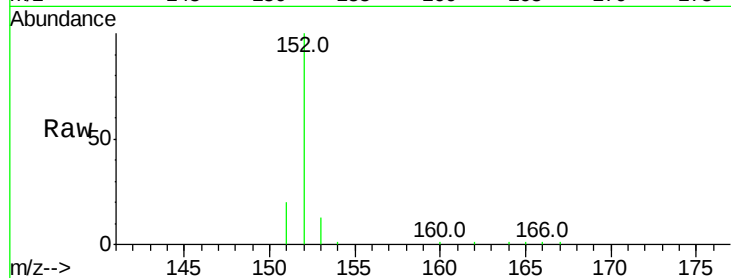
Tot Ion:152 Resp: 13130

Ion Ratio Lower Upper

152 100

151 20.3 17.1 25.7

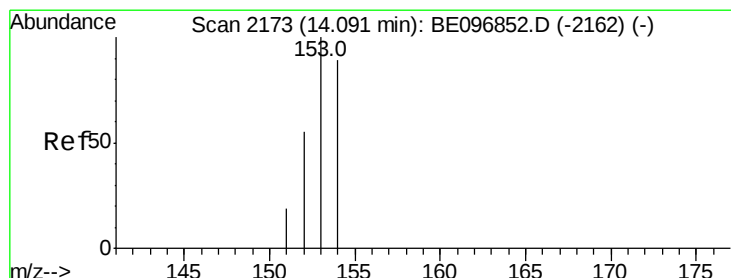
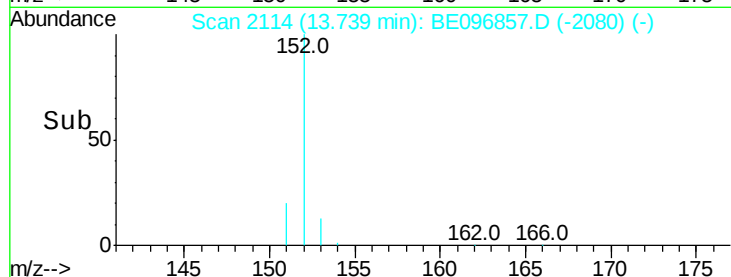
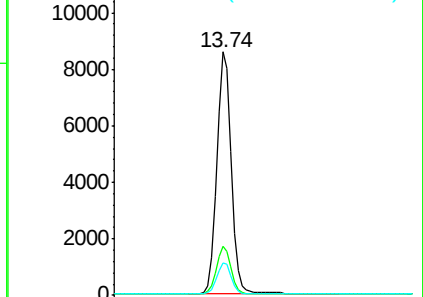
153 13.5 12.8 19.2



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



#8

Acenaphthene

Concen: 0.398 ng/ul

RT: 14.09 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BE096857.D

Acq: 6 Jul 2018 17:29

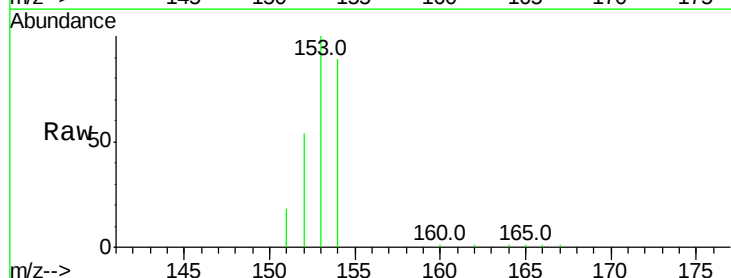
Tgt Ion:153 Resp: 10793

Ion Ratio Lower Upper

153 100

152 54.2 36.0 54.0#

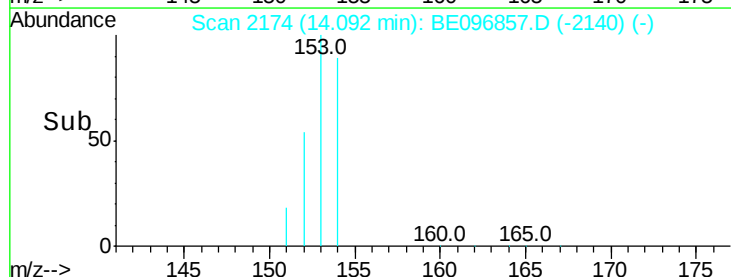
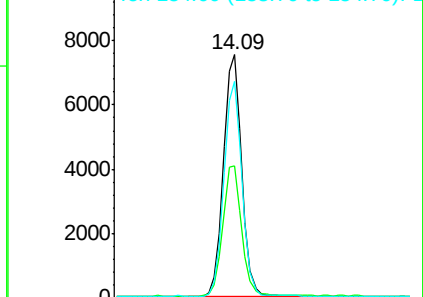
154 88.9 72.0 108.0

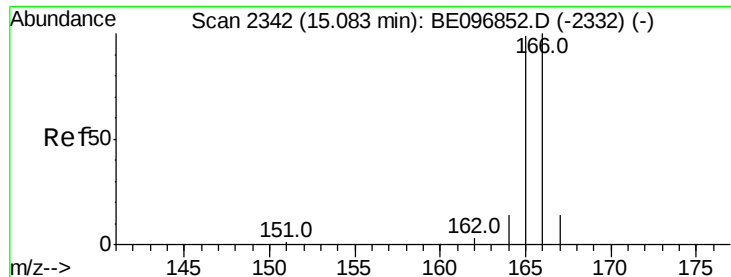


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.400 ng/ul

RT: 15.08 min Scan# 2343

Delta R.T. 0.00 min

Lab File: BE096857.D

Acq: 6 Jul 2018 17:29

Instrument :

BNA_E

ClientSampled :

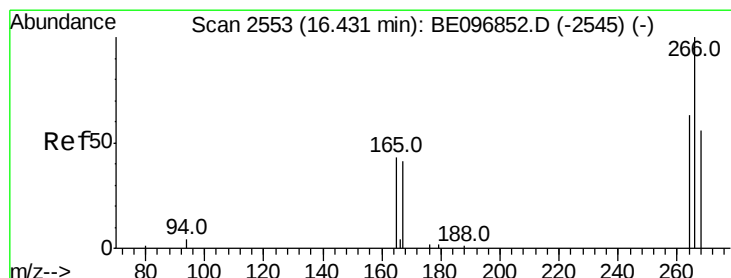
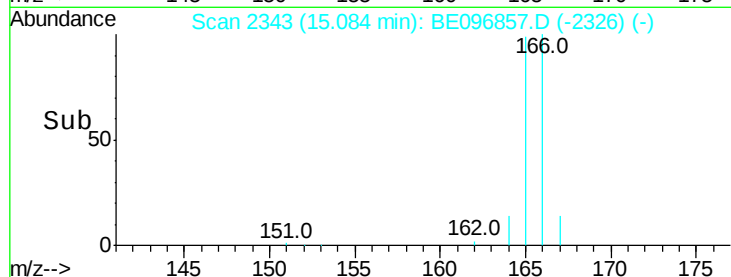
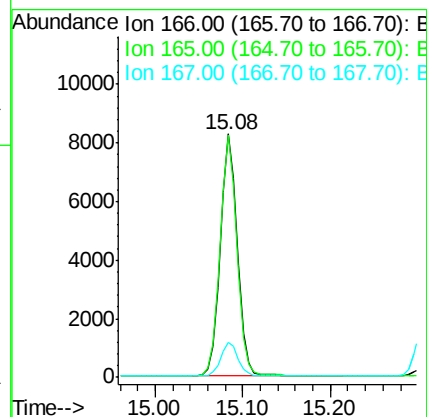
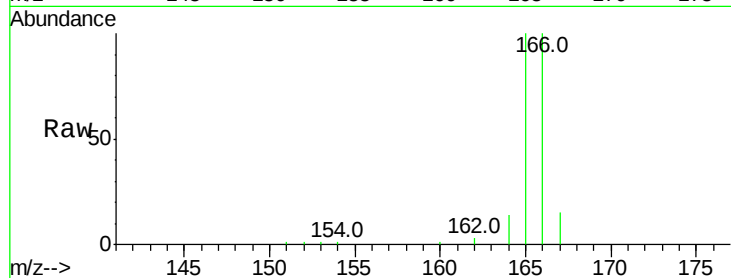
Tot Ion:166 Resp: 11186

Ion Ratio Lower Upper

166 100

165 99.5 73.4 110.2

167 14.6 14.6 22.0#



#11

Pentachlorophenol

Concen: 0.349 ng/ul

RT: 16.43 min Scan# 2554

Delta R.T. 0.00 min

Lab File: BE096857.D

Acq: 6 Jul 2018 17:29

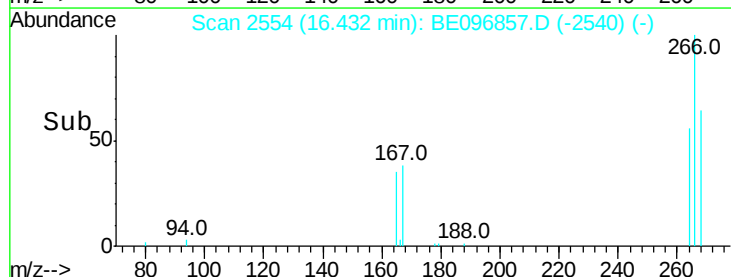
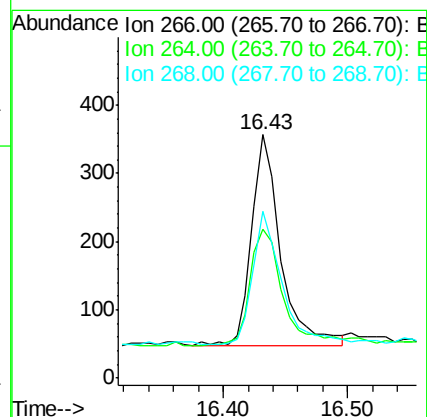
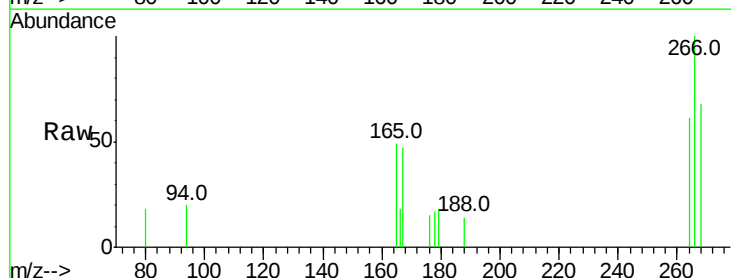
Tgt Ion:266 Resp: 494

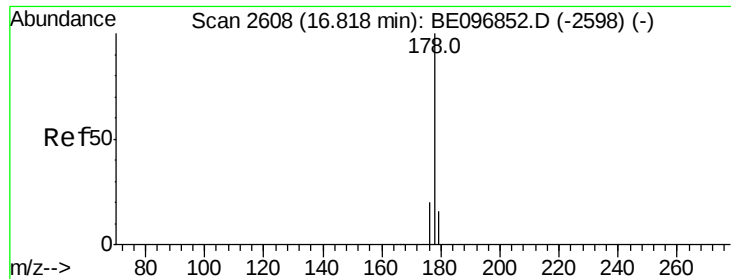
Ion Ratio Lower Upper

266 100

264 62.3 47.9 71.9

268 64.2 49.8 74.8





#12

Phenanthrene

Concen: 0.400 ng/ul

RT: 16.82 min Scan# 2609

Delta R.T. 0.00 min

Lab File: BE096857.D

Acq: 6 Jul 2018 17:29

Instrument :

BNA_E

ClientSampleId :

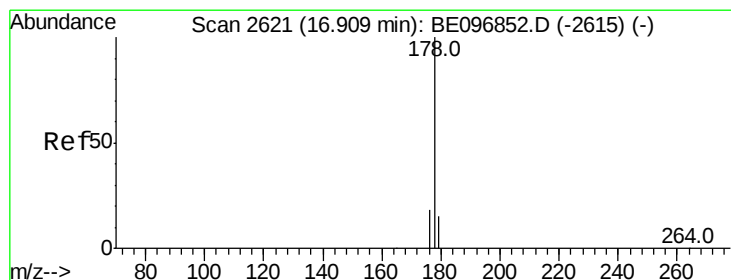
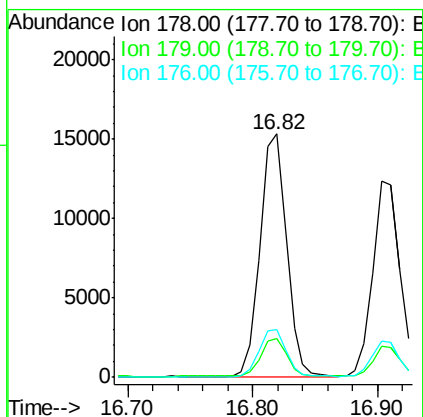
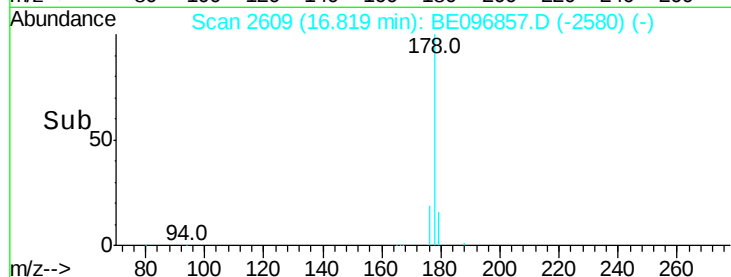
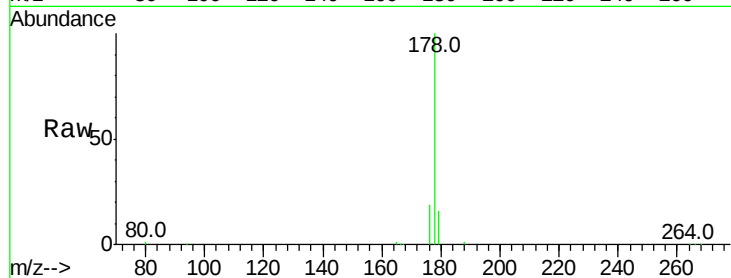
Tot Ion:178 Resp: 22285

Ion Ratio Lower Upper

178 100

179 15.9 18.4 27.6#

176 19.4 13.6 20.4



#13

Anthracene

Concen: 0.391 ng/ul

RT: 16.90 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BE096857.D

Acq: 6 Jul 2018 17:29

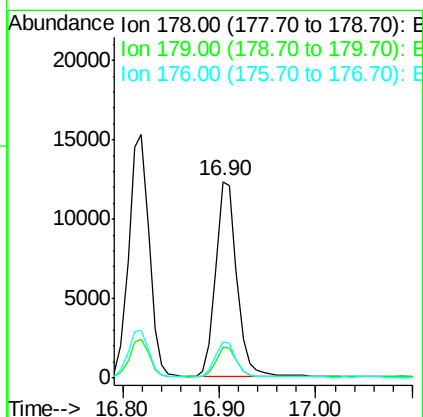
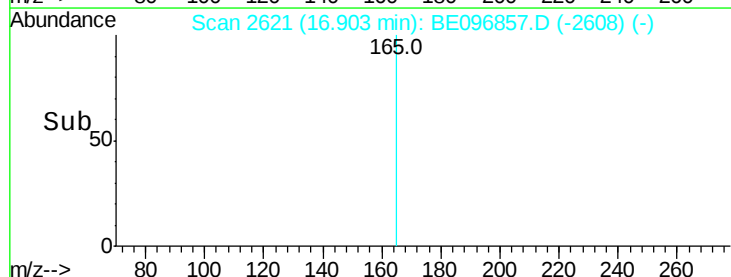
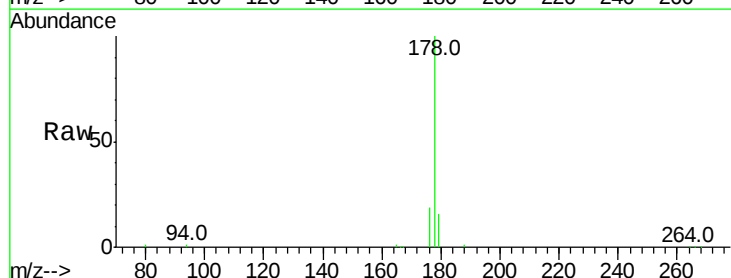
Tgt Ion:178 Resp: 18508

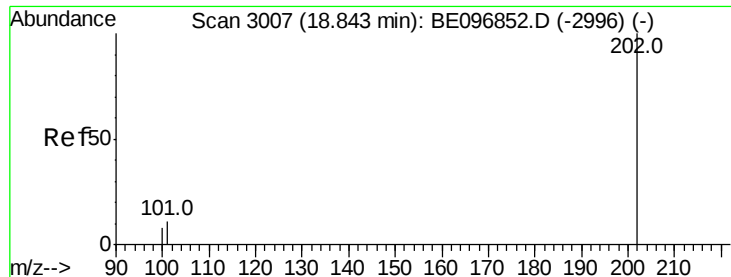
Ion Ratio Lower Upper

178 100

179 15.5 18.1 27.1#

176 18.7 14.7 22.1

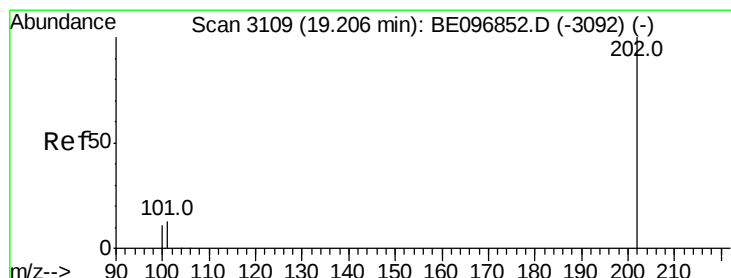
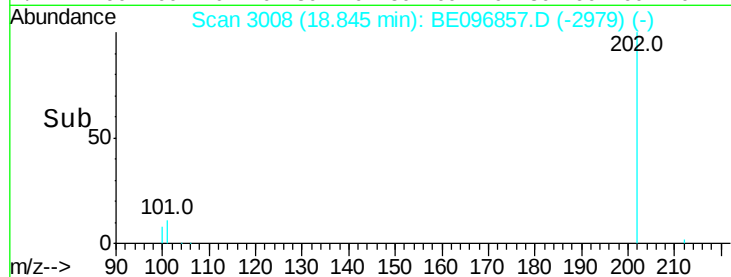
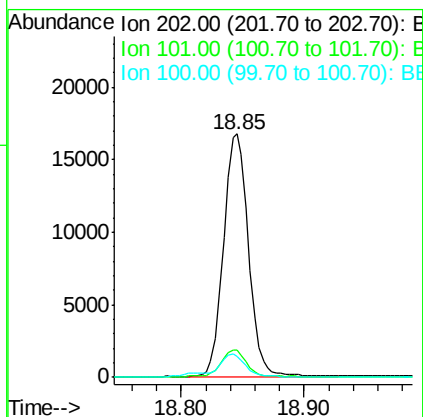
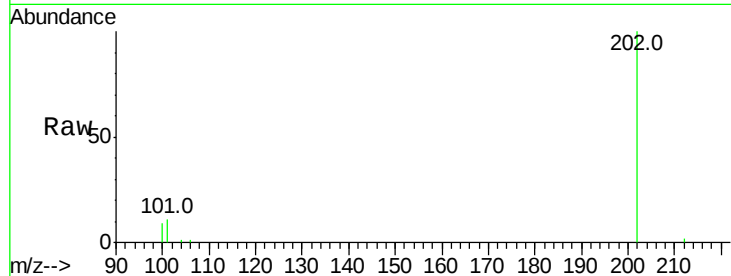




#15
Fluoranthene
Concen: 0.396 ng/ul
RT: 18.85 min Scan# 3008
Delta R.T. 0.00 min
Lab File: BE096857.D
Acq: 6 Jul 2018 17:29

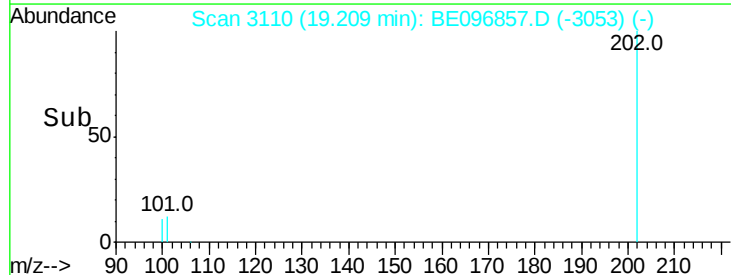
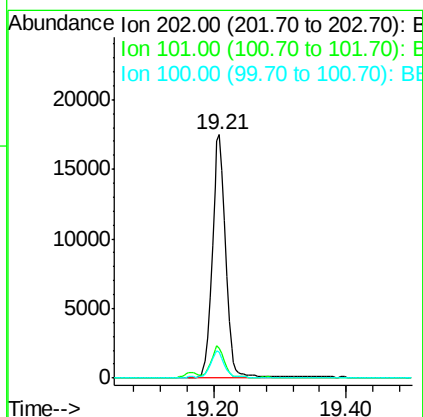
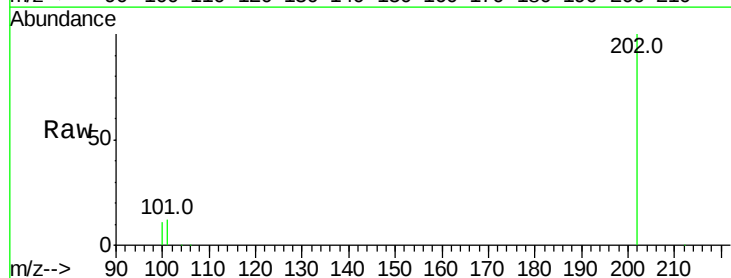
Instrument :
BNA_E
ClientSampleId :

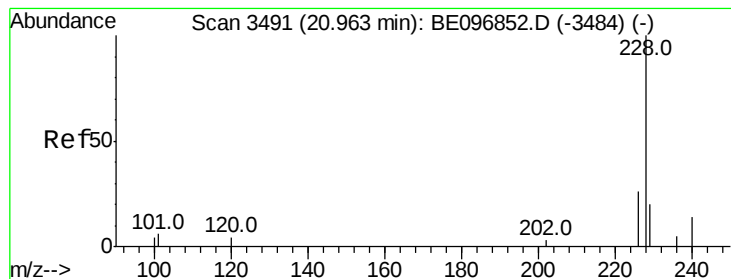
Tot Ion:202 Resp: 23518
Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.3
100 8.7 0.0 39.5



#17
Pyrene
Concen: 0.411 ng/ul
RT: 19.21 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BE096857.D
Acq: 6 Jul 2018 17:29

Tgt Ion:202 Resp: 23985
Ion Ratio Lower Upper
202 100
101 12.2 18.2 27.4#
100 10.9 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 0.397 ng/ul

RT: 20.96 min Scan# 3491

Delta R.T. -0.00 min

Lab File: BE096857.D

Acq: 6 Jul 2018 17:29

Instrument :

BNA_E

ClientSampleId :

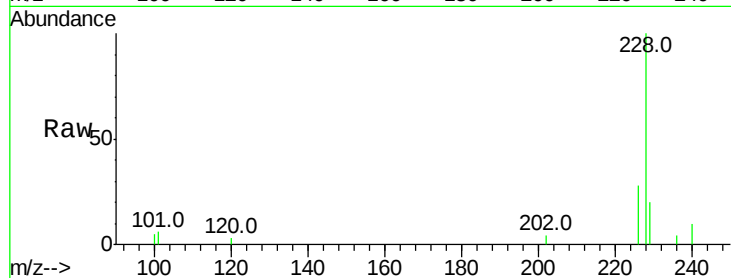
Tot Ion:228 Resp: 16628

Ion Ratio Lower Upper

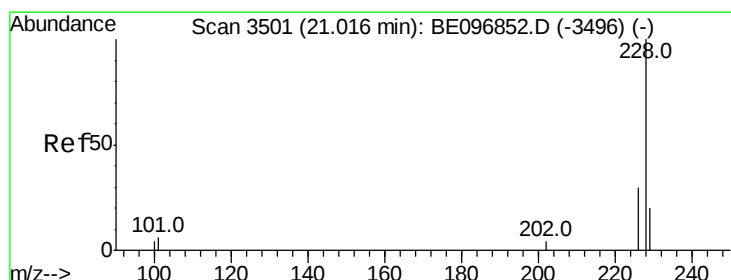
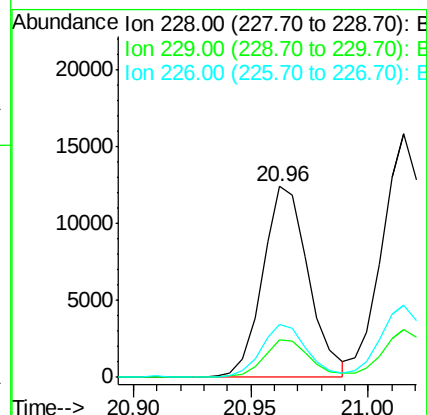
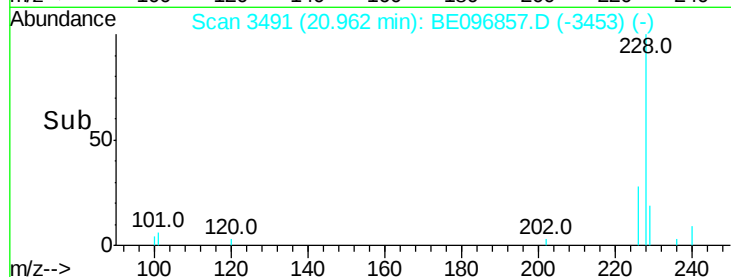
228 100

229 19.5 22.8 34.2#

226 27.9 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: 0.400 ng/ul

RT: 21.02 min Scan# 3501

Delta R.T. -0.00 min

Lab File: BE096857.D

Acq: 6 Jul 2018 17:29

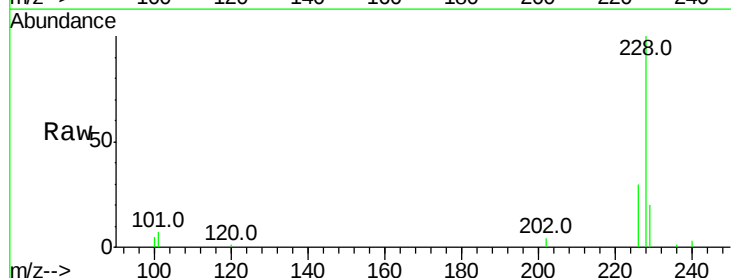
Tgt Ion:228 Resp: 21715

Ion Ratio Lower Upper

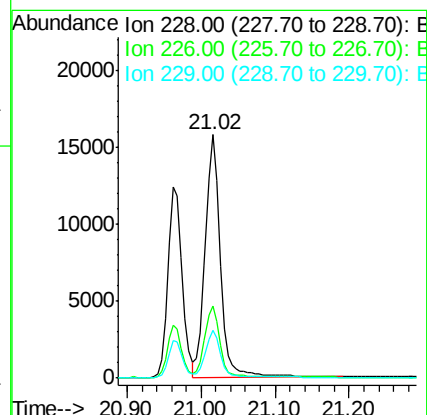
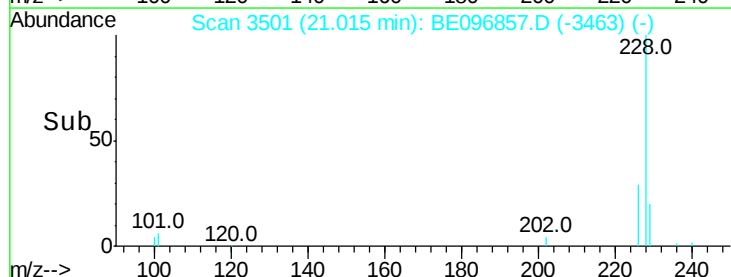
228 100

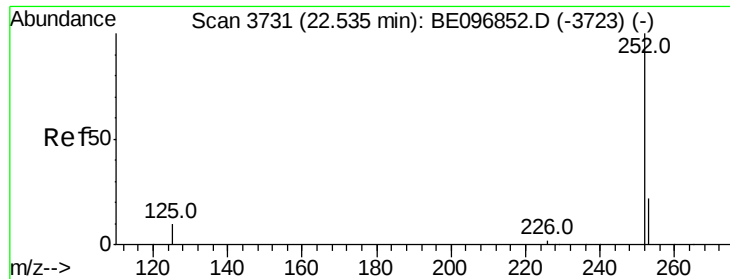
226 29.7 23.4 35.0

229 19.8 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: 0.400 ng/ul

RT: 22.54 min Scan# 3732

Delta R.T. 0.01 min

Lab File: BE096857.D

Acq: 6 Jul 2018 17:29

Instrument :

BNA_E

ClientSampleId :

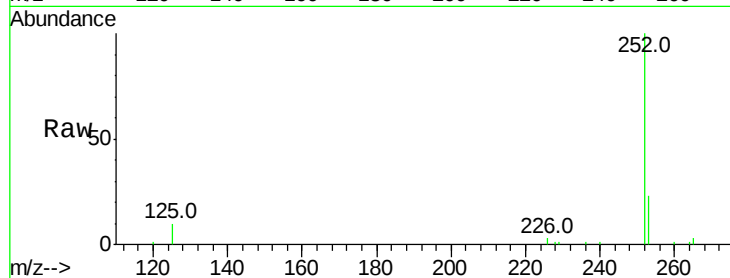
Tot Ion:252 Resp: 15963

Ion Ratio Lower Upper

252 100

253 22.8 0.0 64.2

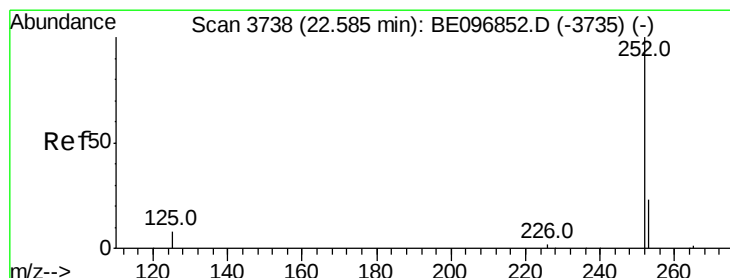
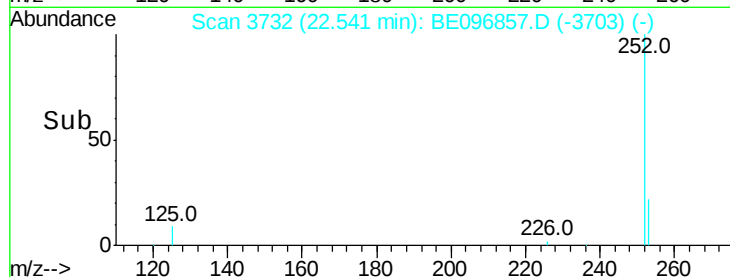
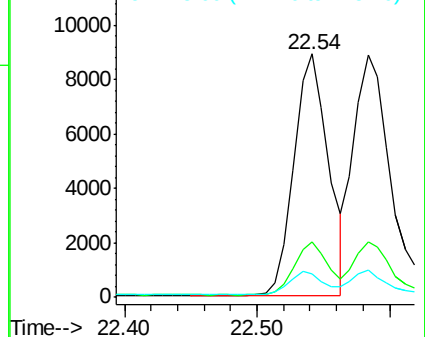
125 9.7 0.0 35.0



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: 0.404 ng/ul

RT: 22.58 min Scan# 3738

Delta R.T. -0.00 min

Lab File: BE096857.D

Acq: 6 Jul 2018 17:29

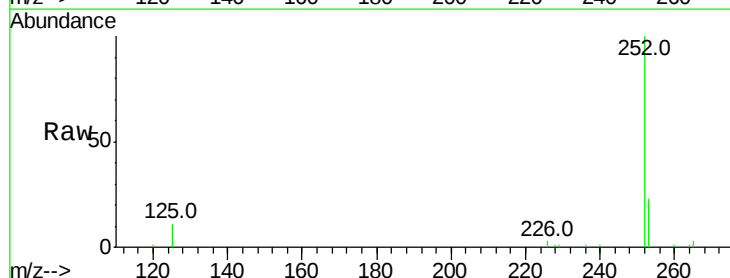
Tgt Ion:252 Resp: 17635

Ion Ratio Lower Upper

252 100

253 22.7 24.5 36.7#

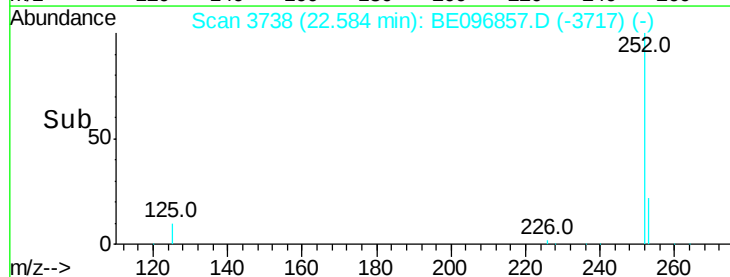
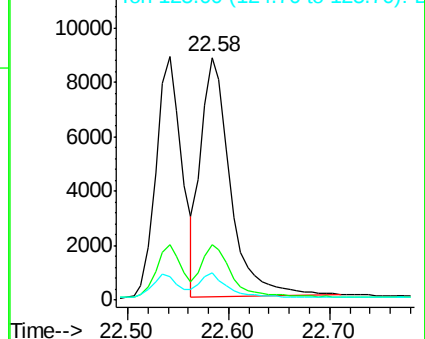
125 11.1 13.7 20.5#

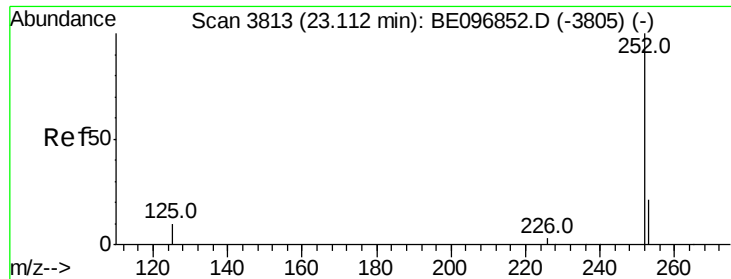


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

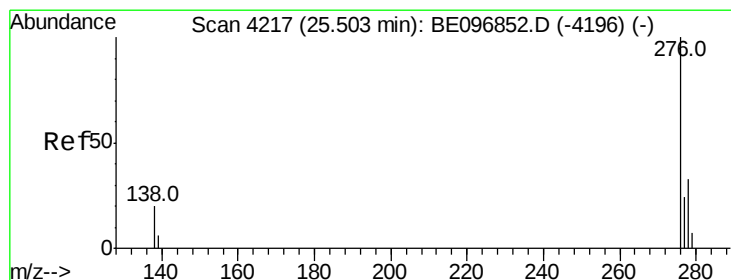
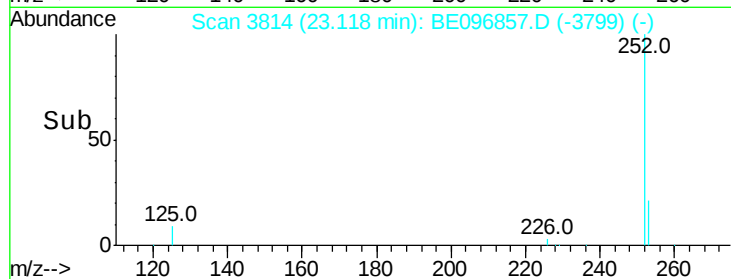
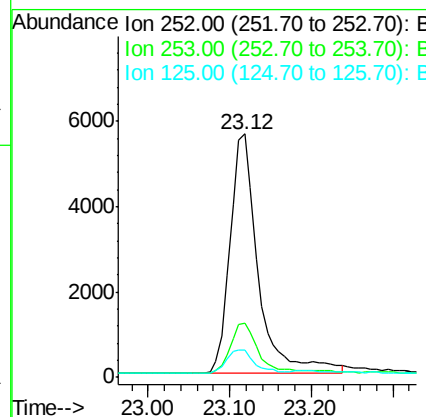
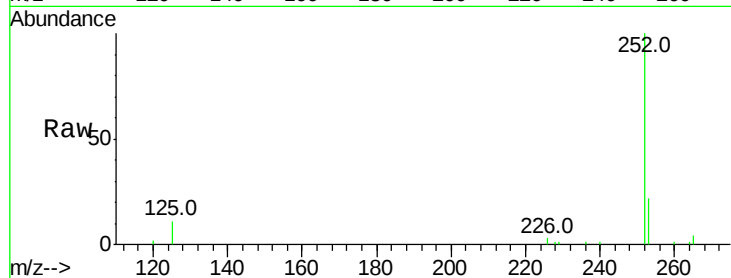




#23
Benzo(a)pyrene
Concen: 0.399 ng/ul
RT: 23.12 min Scan# 3814
Delta R.T. 0.01 min
Lab File: BE096857.D
Acq: 6 Jul 2018 17:29

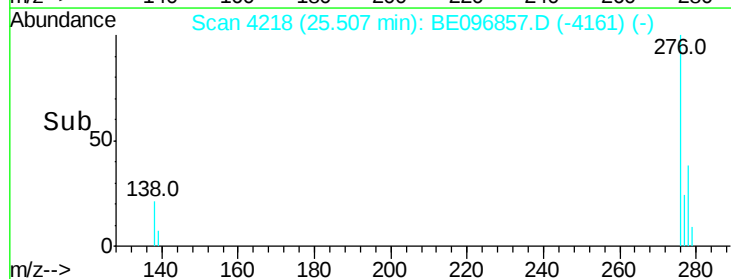
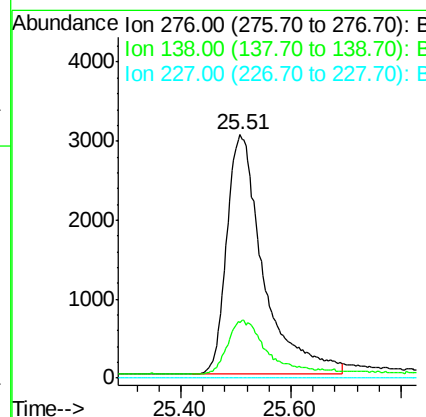
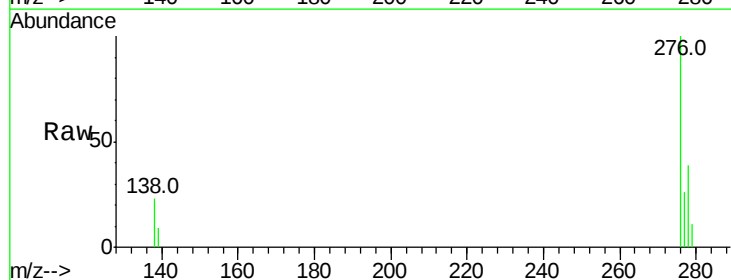
Instrument :
BNA_E
ClientSampleId :

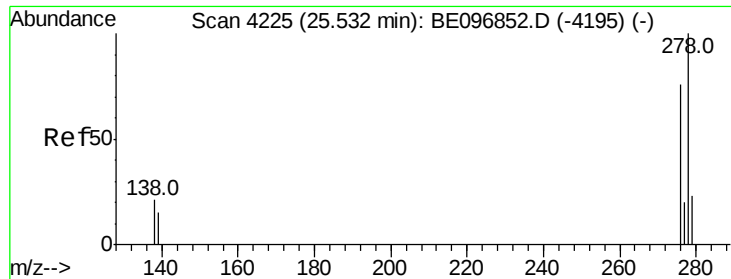
Tot Ion:252 Resp: 13483
Ion Ratio Lower Upper
252 100
253 22.4 28.5 42.7#
125 11.2 18.1 27.1#



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.402 ng/ul
RT: 25.51 min Scan# 4218
Delta R.T. 0.00 min
Lab File: BE096857.D
Acq: 6 Jul 2018 17:29

Tgt Ion:276 Resp: 14108
Ion Ratio Lower Upper
276 100
138 24.0 28.0 42.0#
227 0.0 8.0 12.0#



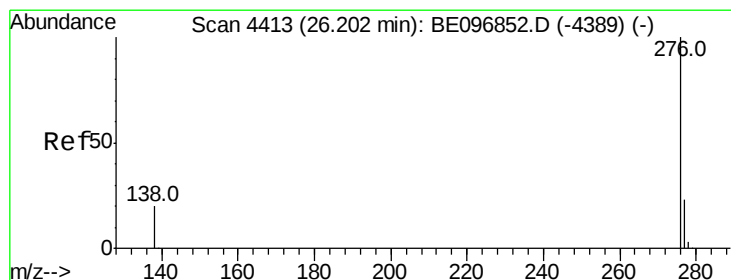
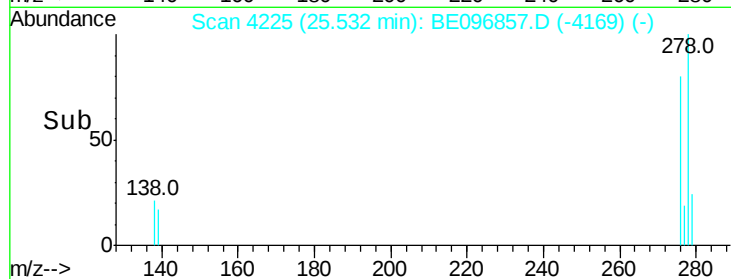
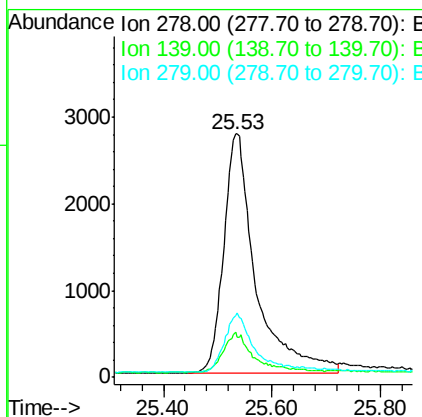
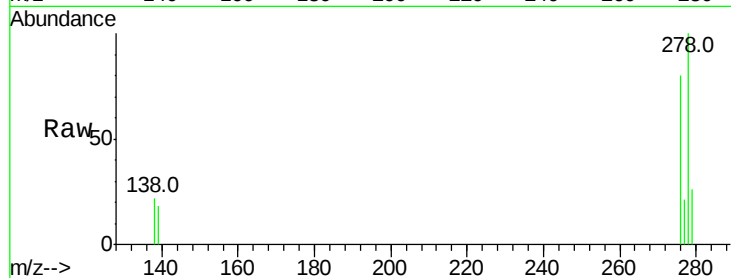


#25
Dibenzo(a,h)anthracene
Concen: 0.407 ng/ul
RT: 25.53 min Scan# 4225
Delta R.T. 0.00 min
Lab File: BE096857.D
Acq: 6 Jul 2018 17:29

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 11334

Ion	Ratio	Lower	Upper
278	100		
139	18.5	17.4	26.0
279	25.6	25.9	38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.403 ng/ul
RT: 26.21 min Scan# 4415
Delta R.T. 0.01 min
Lab File: BE096857.D
Acq: 6 Jul 2018 17:29

Tgt Ion:276 Resp: 13738

Ion	Ratio	Lower	Upper
276	100		
138	21.4	21.8	32.8#
277	24.4	20.5	30.7

