

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\
 Data File : BE096870.D
 Acq On : 7 Jul 2018 1:35
 Operator : SJ/JU
 Sample : J3721-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 07 03:26:21 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

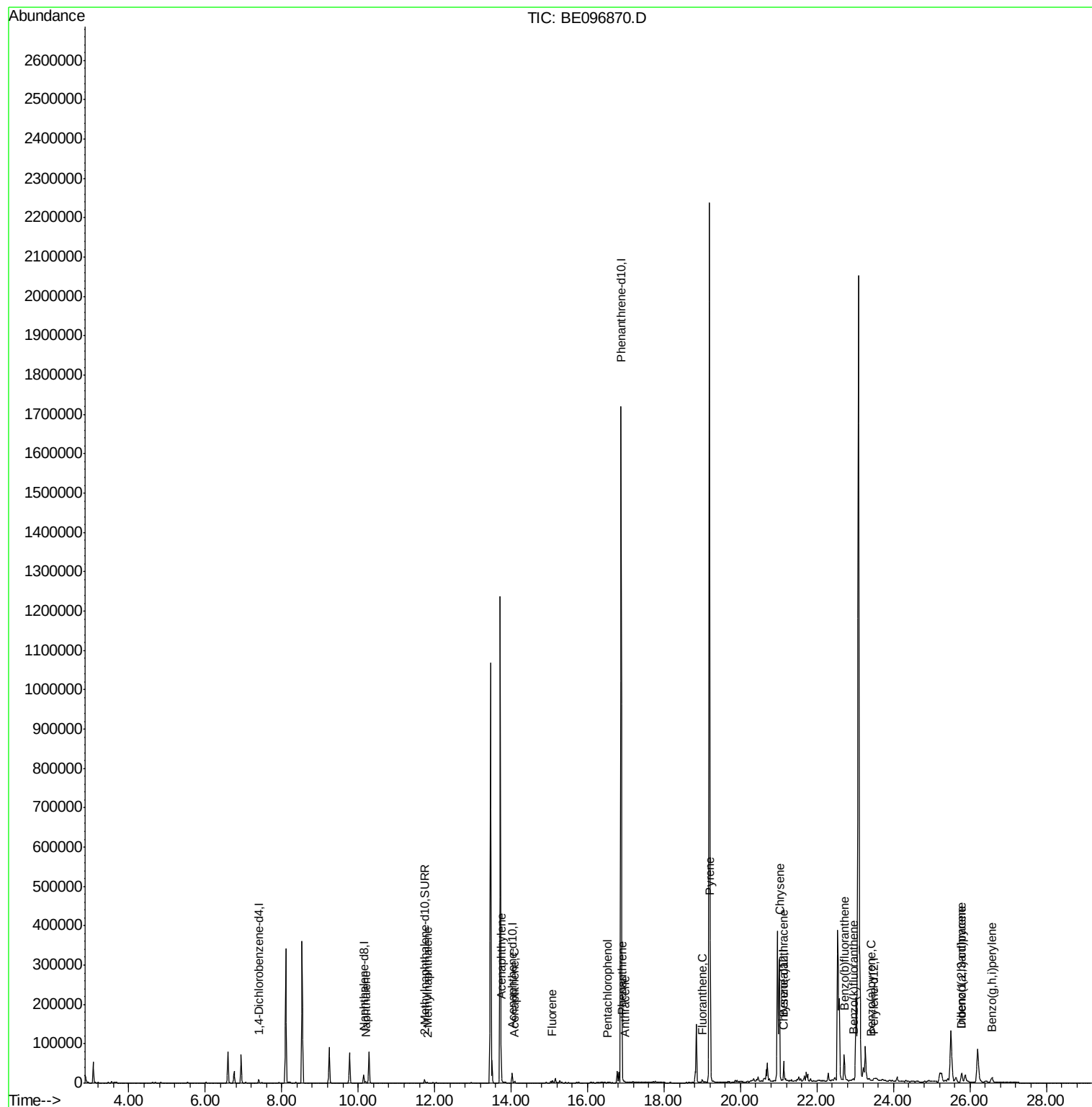
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3927	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	20945	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	13500	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.88	188	2033984	0.40	ng/ul	0.11
16) Chrysene-d12	21.11	240	161	0.40	ng/ul	0.13
20) Perylene-d12	23.48	264	2083	0.40	ng/ul	0.27
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	11060	0.32	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	10.19	128	5139	0.102	ng/ul#	94
5) 2-Methylnaphthalene	11.81	142	913	0.026	ng/ul	98
7) Acenaphthylene	13.74	152	25791	0.466	ng/ul	96
8) Acenaphthene	14.09	153	2398	0.052	ng/ul	94
9) Fluorene	15.08	166	3382	0.072	ng/ul	92
11) Pentachlorophenol	16.53	266	3	0.000	ng/ul#	1
12) Phenanthrene	16.91	178	24493	0.005	ng/ul#	89
13) Anthracene	16.97	178	1603	0.000	ng/ul#	1
15) Fluoranthene	19.00	202	8068	0.001	ng/ul	84
17) Pyrene	19.21	202	335887	635.567	ng/ul#	79
18) Benzo(a)anthracene	21.13	228	39972	105.259	ng/ul#	50
19) Chrysene	21.02	228	316295	642.901	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	93446	16.437	ng/ul	87
22) Benzo(k)fluoranthene	22.95	252	5074	0.817	ng/ul#	1
23) Benzo(a)pyrene	23.42	252	1342	0.279	ng/ul#	61
24) Indeno(1,2,3-cd)pyrene	25.78	276	9014	1.806	ng/ul#	74
25) Dibenzo(a,h)anthracene	25.78	278	34745	8.762	ng/ul#	90
26) Benzo(g,h,i)perylene	26.57	276	29755	6.141	ng/ul	96

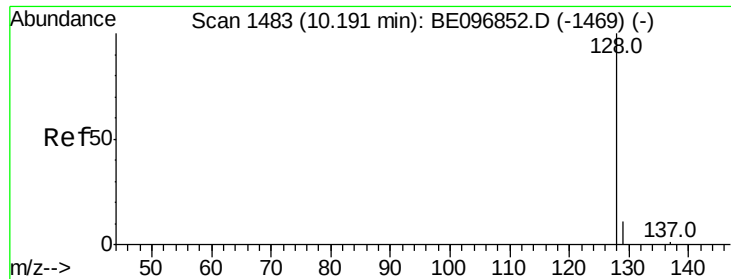
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.102 ng/ul

RT: 10.19 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BE096870.D

Acq: 7 Jul 2018 1:35

Instrument :

BNA_E

ClientSampleId :

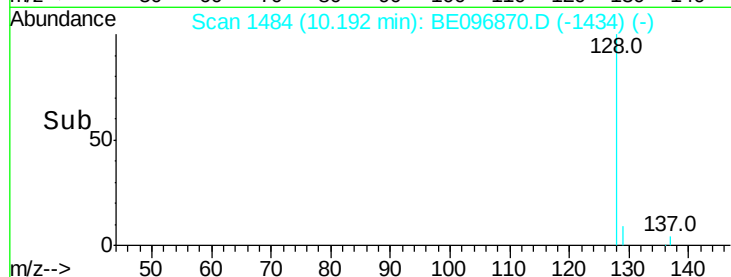
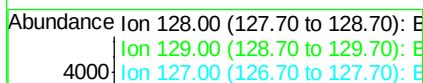
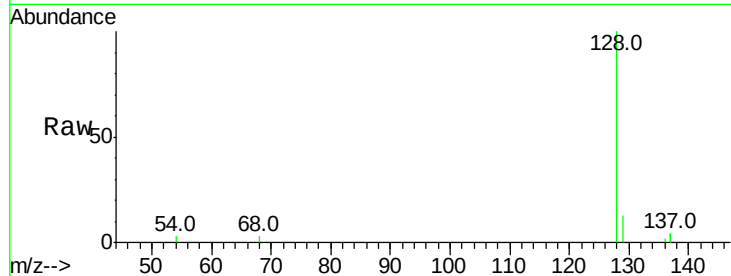
Tot Ion:128 Resp: 5139

Ion Ratio Lower Upper

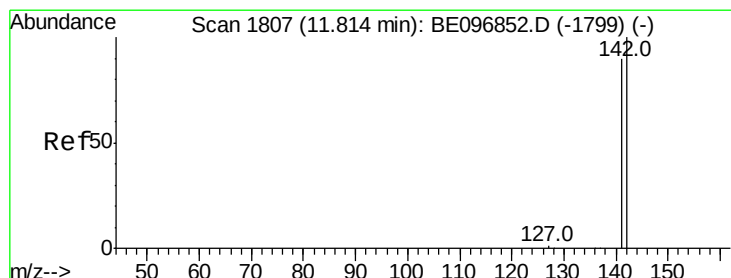
128 100

129 12.9 11.3 16.9

127 0.0 4.0 6.0#



Time-->



#5

2-Methylnaphthalene

Concen: 0.026 ng/ul

RT: 11.81 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BE096870.D

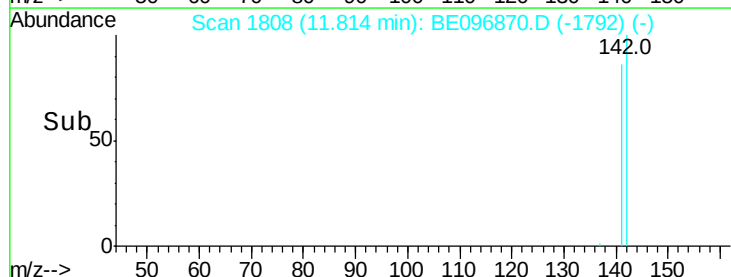
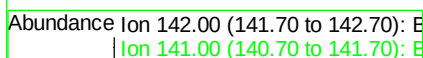
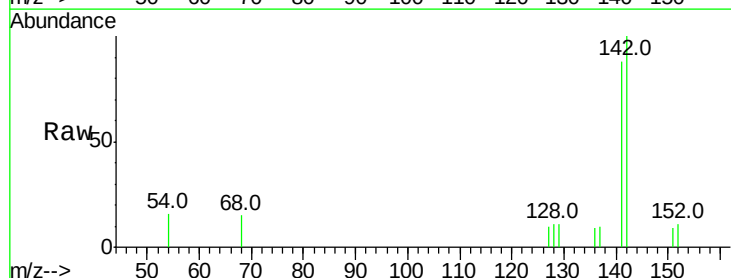
Acq: 7 Jul 2018 1:35

Tgt Ion:142 Resp: 913

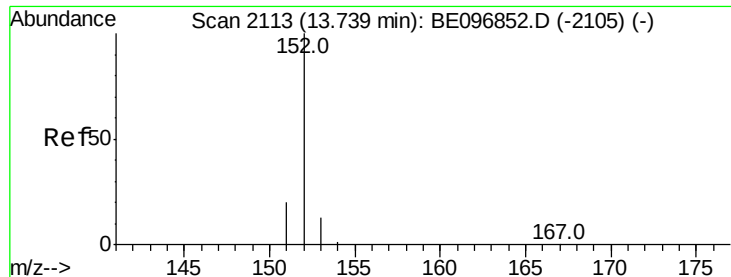
Ion Ratio Lower Upper

142 100

141 92.4 72.6 108.8



Time-->



#7

Acenaphthylene

Concen: 0.466 ng/ul

RT: 13.74 min Scan# 2115

Delta R.T. 0.01 min

Lab File: BE096870.D

Acq: 7 Jul 2018 1:35

Instrument :

BNA_E

ClientSampleId :

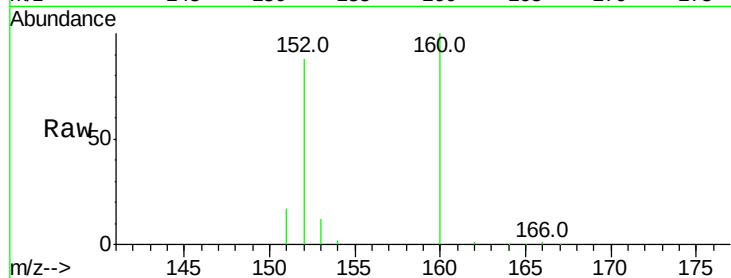
Tot Ion:152 Resp: 25791

Ion Ratio Lower Upper

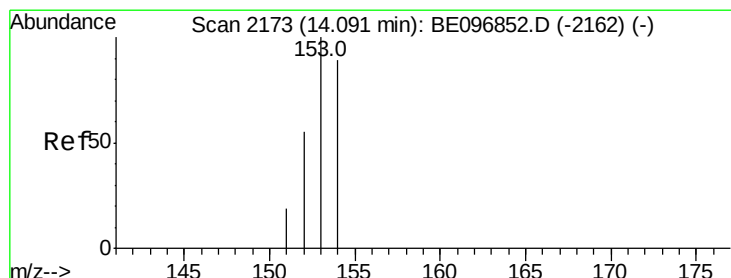
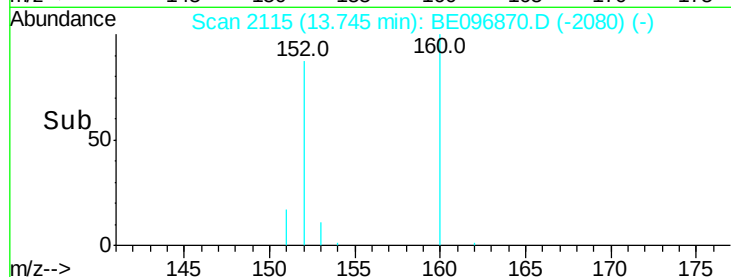
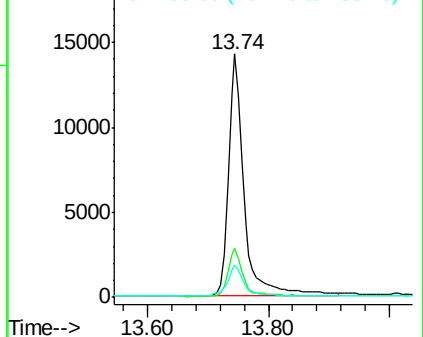
152 100

151 19.9 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: 0.052 ng/ul

RT: 14.09 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BE096870.D

Acq: 7 Jul 2018 1:35

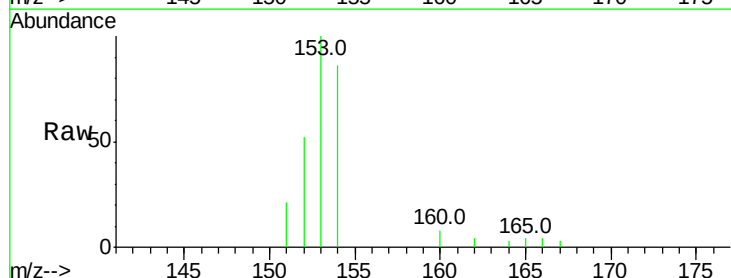
Tgt Ion:153 Resp: 2398

Ion Ratio Lower Upper

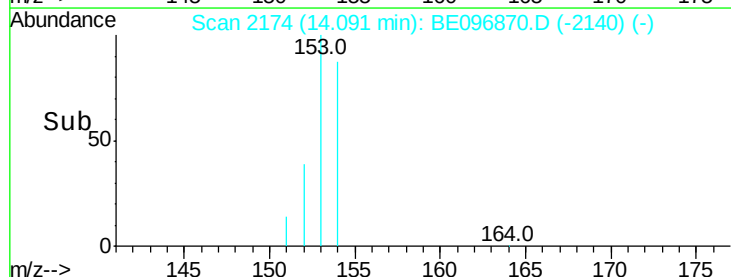
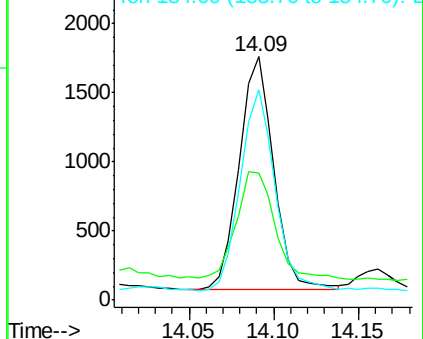
153 100

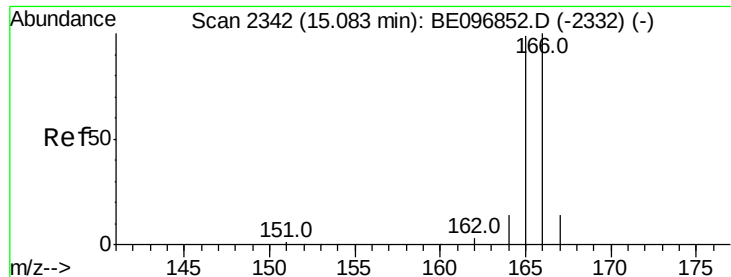
152 52.2 36.0 54.0

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

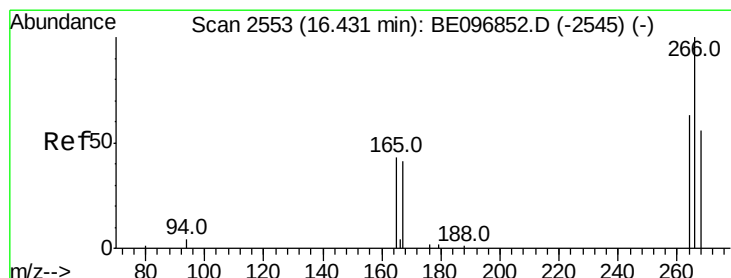
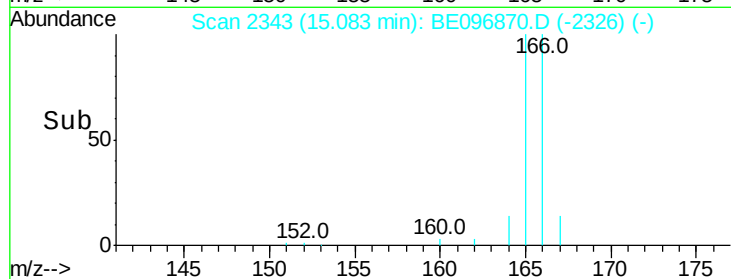
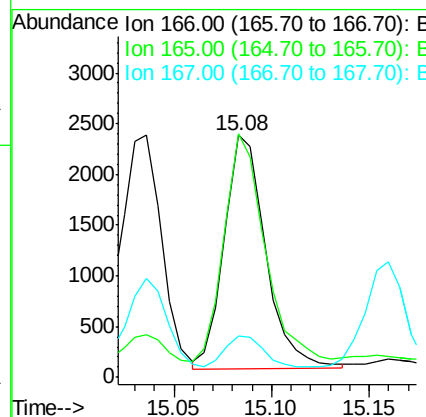
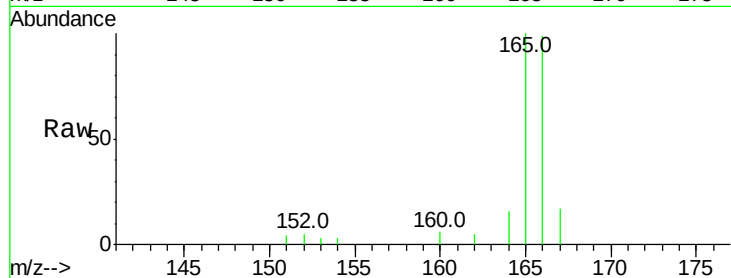




#9
Fluorene
 Concen: 0.072 ng/ul
 RT: 15.08 min Scan# 2343
 Delta R.T. -0.00 min
 Lab File: BE096870.D
 Acq: 7 Jul 2018 1:35

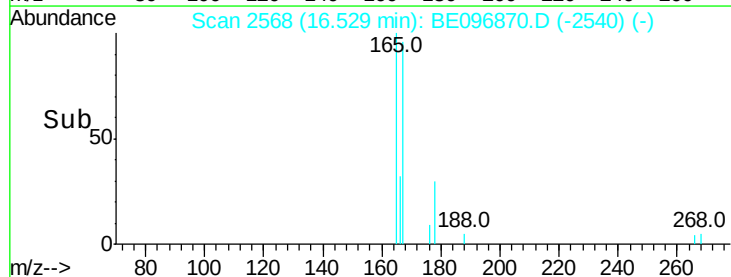
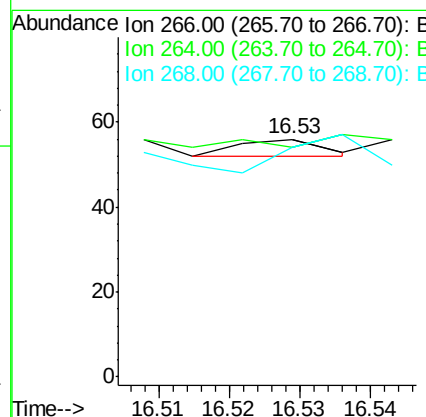
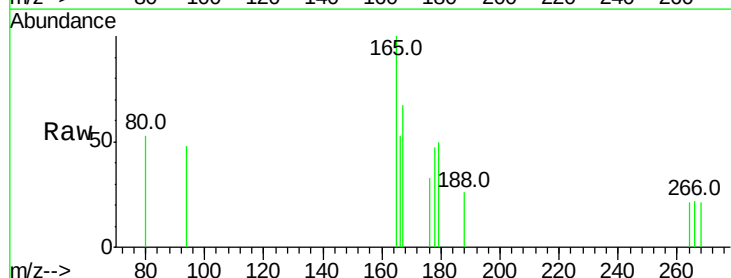
Instrument :
 BNA_E
 ClientSampleId :

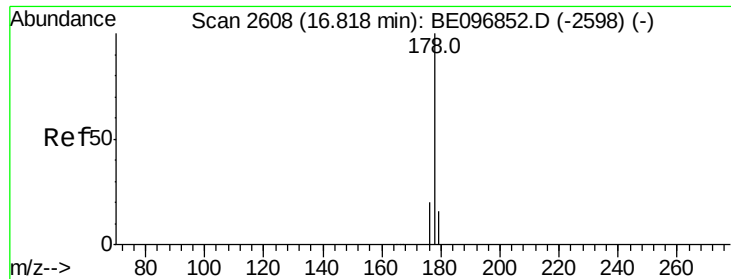
Tot Ion:166 Resp: 3382
 Ion Ratio Lower Upper
 166 100
 165 100.5 73.4 110.2
 167 17.0 14.6 22.0



#11
Pentachlorophenol
 Concen: 0.000 ng/ul
 RT: 16.53 min Scan# 2568
 Delta R.T. 0.10 min
 Lab File: BE096870.D
 Acq: 7 Jul 2018 1:35

Tgt Ion:266 Resp: 3
 Ion Ratio Lower Upper
 266 100
 264 166.7 47.9 71.9#
 268 366.7 49.8 74.8#





#12

Phenanthrene

Concen: 0.005 ng/ul

RT: 16.91 min Scan# 2622

Delta R.T. 0.09 min

Lab File: BE096870.D

Acq: 7 Jul 2018 1:35

Instrument :

BNA_E

ClientSampleId :

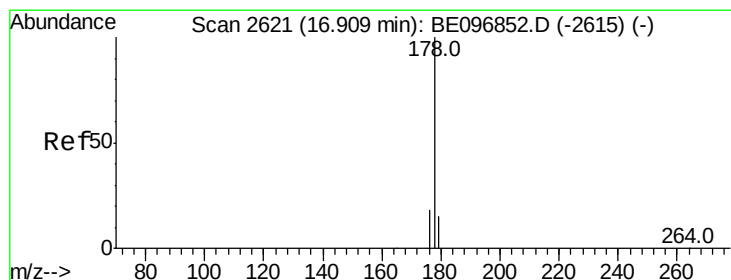
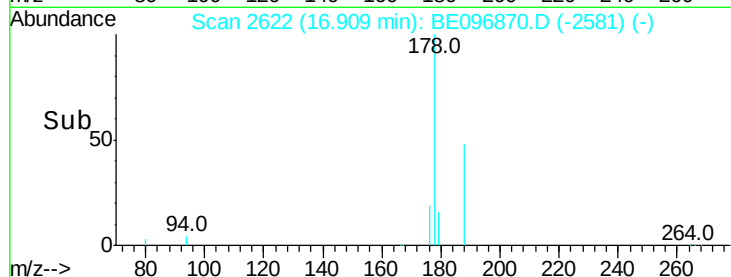
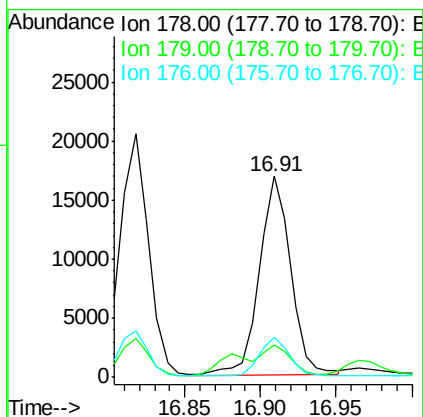
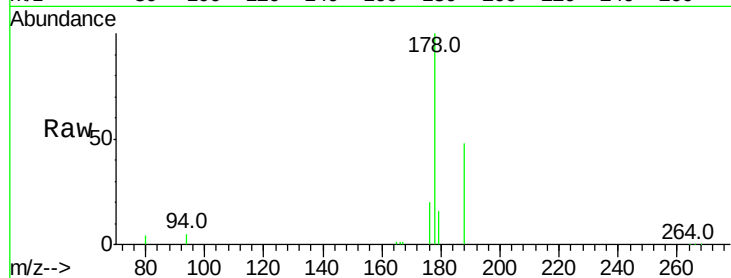
Tot Ion:178 Resp: 24493

Ion Ratio Lower Upper

178 100

179 16.2 18.4 27.6#

176 19.7 13.6 20.4



#13

Anthracene

Concen: 0.000 ng/ul

RT: 16.97 min Scan# 2630

Delta R.T. 0.06 min

Lab File: BE096870.D

Acq: 7 Jul 2018 1:35

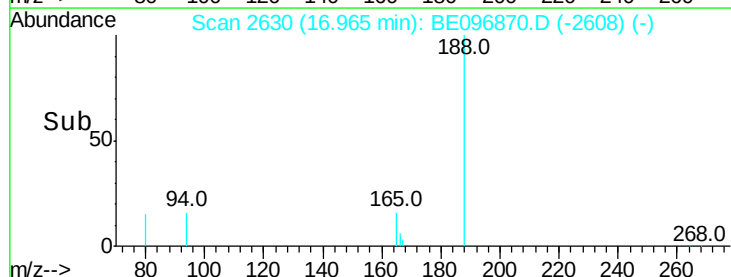
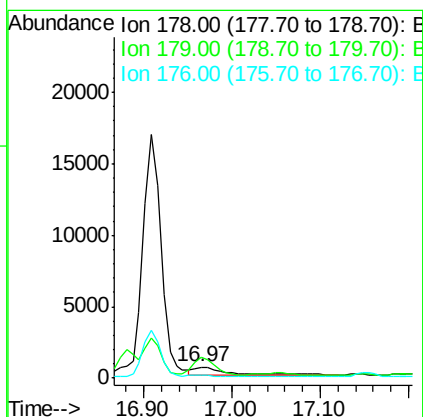
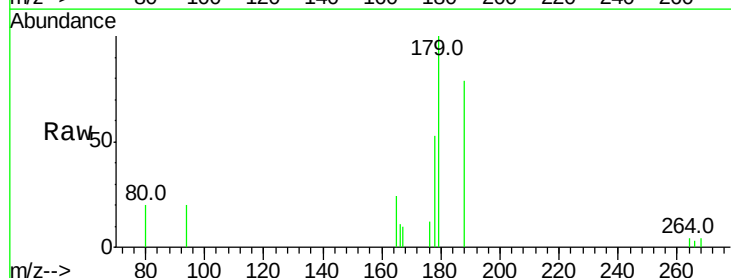
Tgt Ion:178 Resp: 1603

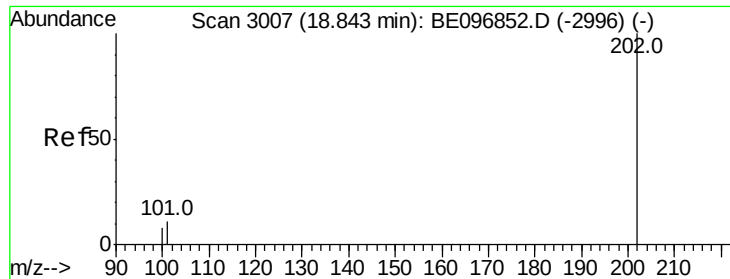
Ion Ratio Lower Upper

178 100

179 187.3 18.1 27.1#

176 23.1 14.7 22.1#





#15

Fluoranthene

Concen: 0.001 ng/ul

RT: 19.00 min Scan# 3052

Delta R.T. 0.16 min

Lab File: BE096870.D

Acq: 7 Jul 2018 1:35

Instrument :

BNA_E

ClientSampleId :

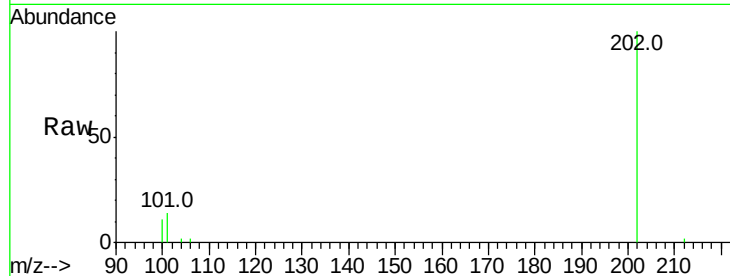
Tot Ion:202 Resp: 8068

Ion Ratio Lower Upper

202 100

101 14.4 0.0 30.3

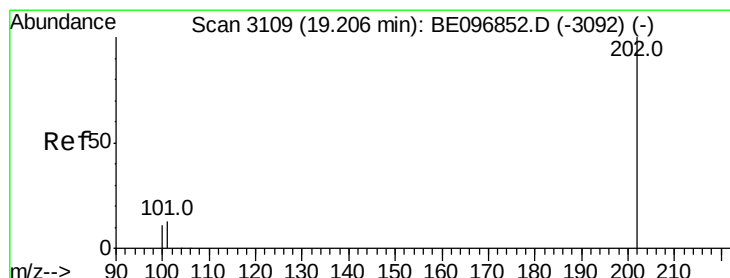
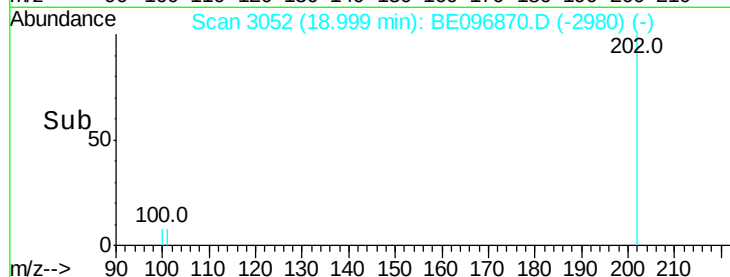
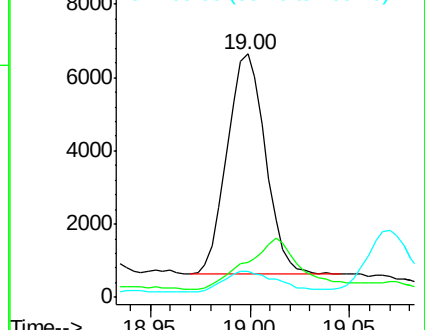
100 10.8 0.0 39.5



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: 635.567 ng/ul

RT: 19.21 min Scan# 3112

Delta R.T. 0.01 min

Lab File: BE096870.D

Acq: 7 Jul 2018 1:35

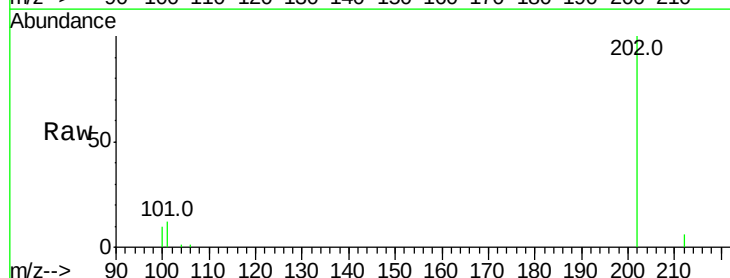
Tgt Ion:202 Resp: 335887

Ion Ratio Lower Upper

202 100

101 12.1 18.2 27.4#

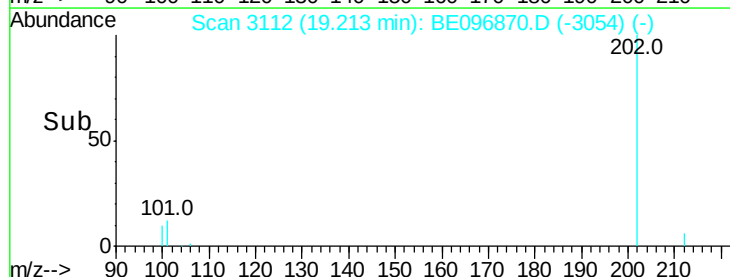
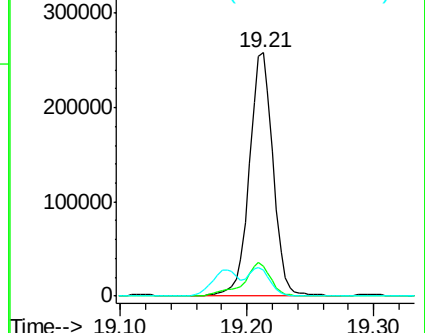
100 10.5 15.6 23.4#

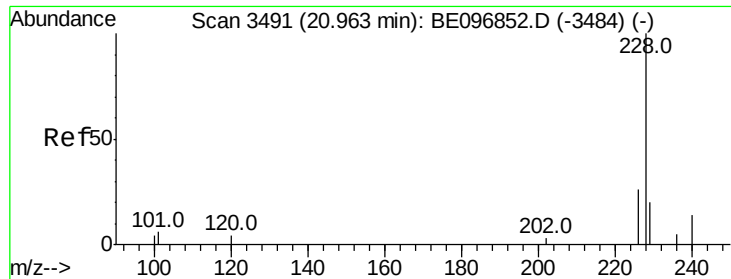


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 105.259 ng/ul

RT: 21.13 min Scan# 3524

Delta R.T. 0.17 min

Lab File: BE096870.D

Acq: 7 Jul 2018 1:35

Instrument :

BNA_E

ClientSampleId :

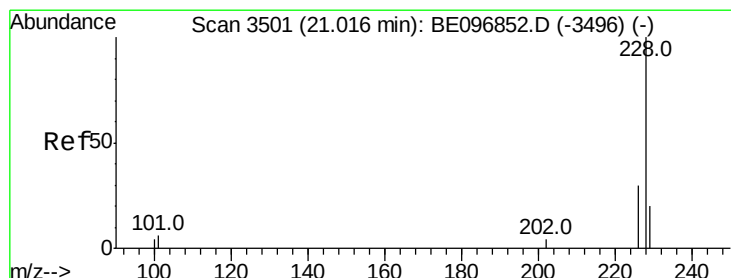
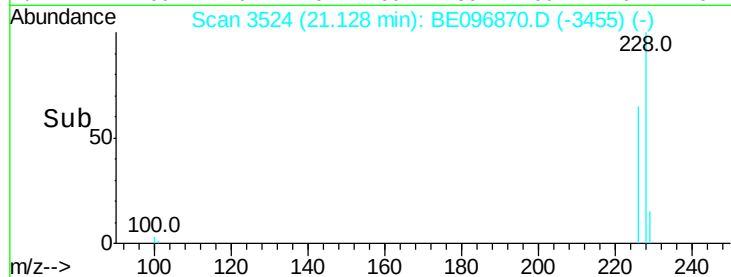
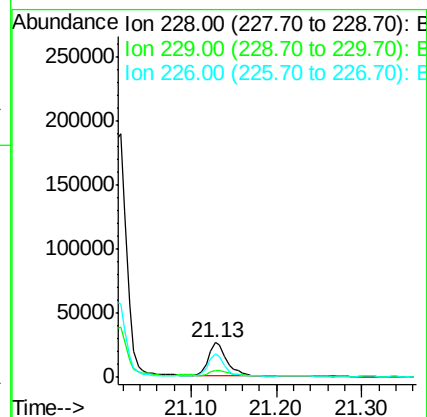
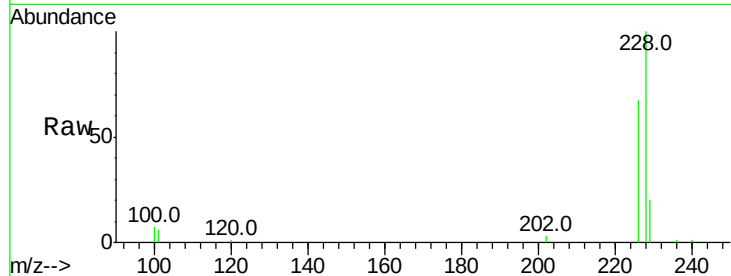
Tot Ion:228 Resp: 39972

Ion Ratio Lower Upper

228 100

229 20.3 22.8 34.2#

226 67.0 17.0 25.6#



#19

Chrysene

Concen: 642.901 ng/ul

RT: 21.02 min Scan# 3503

Delta R.T. 0.00 min

Lab File: BE096870.D

Acq: 7 Jul 2018 1:35

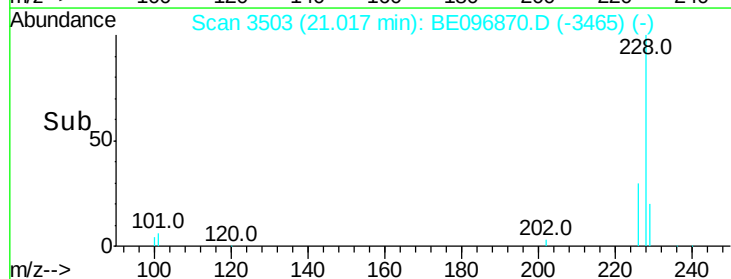
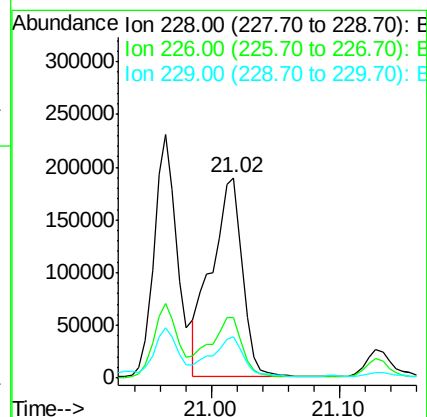
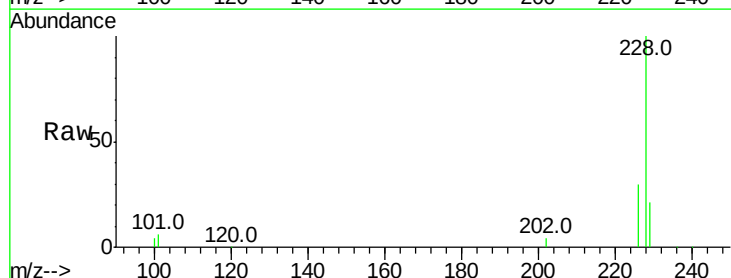
Tgt Ion:228 Resp: 316295

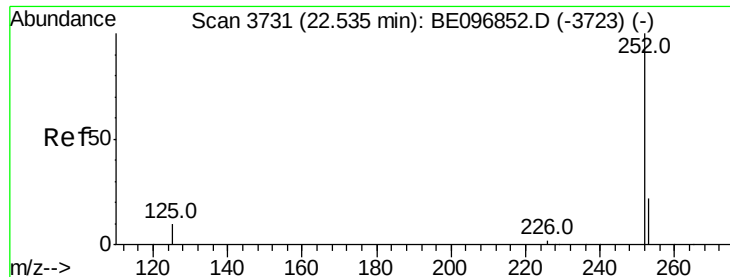
Ion Ratio Lower Upper

228 100

226 30.3 23.4 35.0

229 20.7 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 16.437 ng/ul

RT: 22.71 min Scan# 3758

Delta R.T. 0.17 min

Lab File: BE096870.D

Acq: 7 Jul 2018 1:35

Instrument :

BNA_E

ClientSampleId :

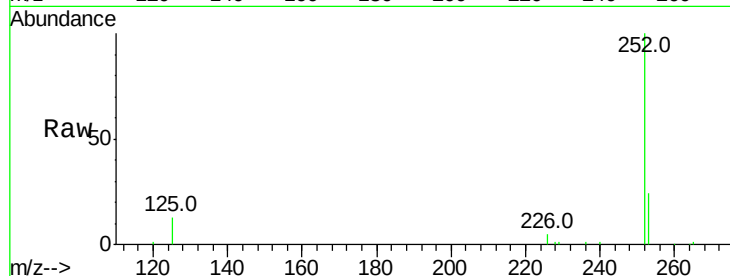
Tot Ion:252 Resp: 93446

Ion Ratio Lower Upper

252 100

253 24.5 0.0 64.2

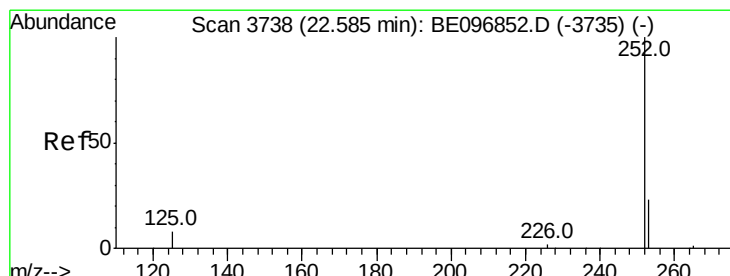
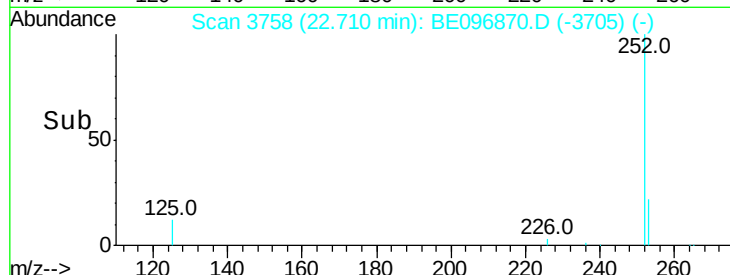
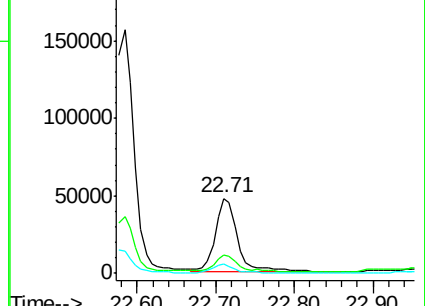
125 12.5 0.0 35.0



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: 0.817 ng/ul

RT: 22.95 min Scan# 3792

Delta R.T. 0.36 min

Lab File: BE096870.D

Acq: 7 Jul 2018 1:35

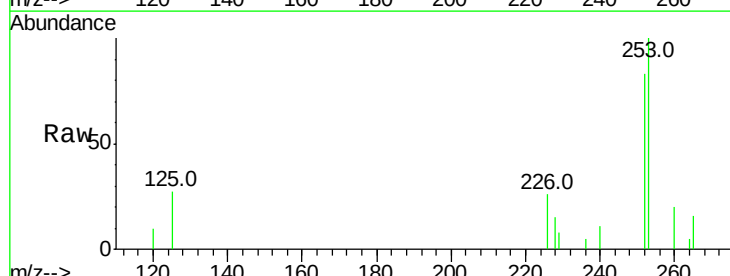
Tgt Ion:252 Resp: 5074

Ion Ratio Lower Upper

252 100

253 120.4 24.5 36.7#

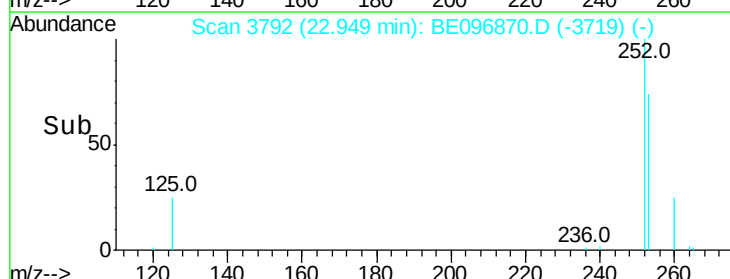
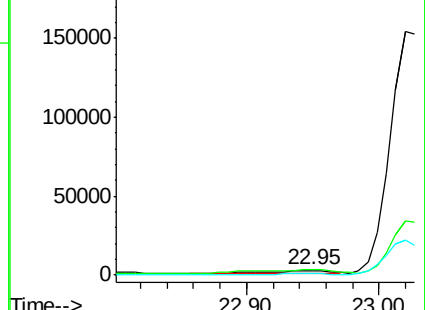
125 32.7 13.7 20.5#

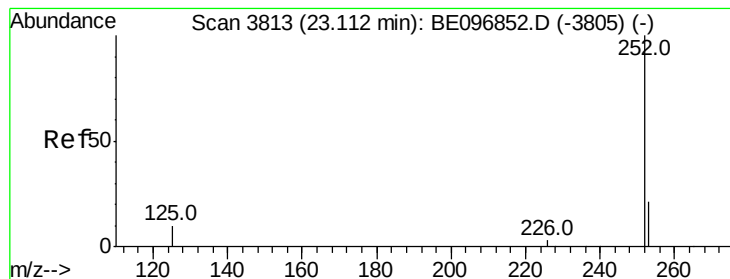


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.279 ng/ul

RT: 23.42 min Scan# 3859

Delta R.T. 0.31 min

Lab File: BE096870.D

Acq: 7 Jul 2018 1:35

Instrument :

BNA_E

ClientSampleId :

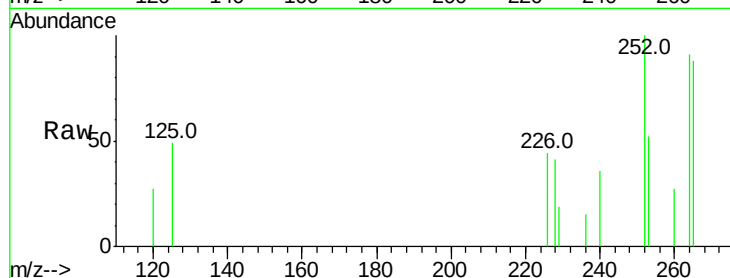
Tot Ion:252 Resp: 1342

Ion Ratio Lower Upper

252 100

253 52.1 28.5 42.7#

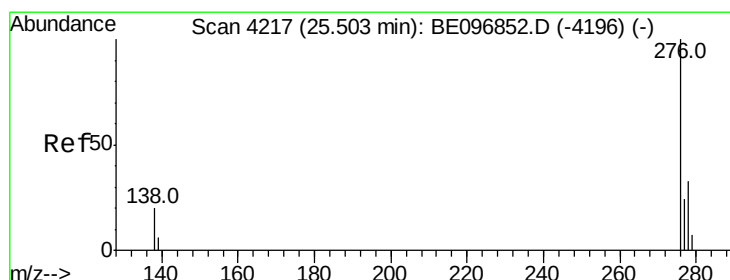
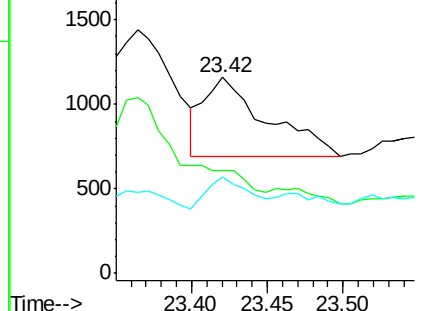
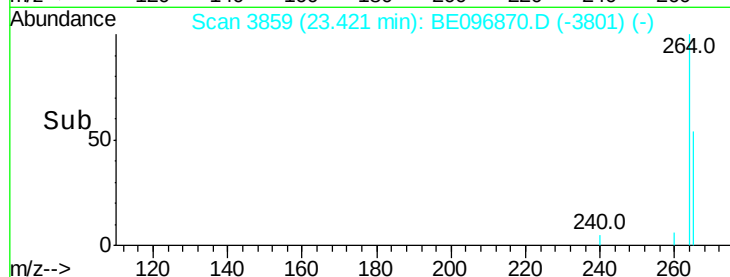
125 49.0 18.1 27.1#



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: 1.806 ng/ul

RT: 25.78 min Scan# 4297

Delta R.T. 0.28 min

Lab File: BE096870.D

Acq: 7 Jul 2018 1:35

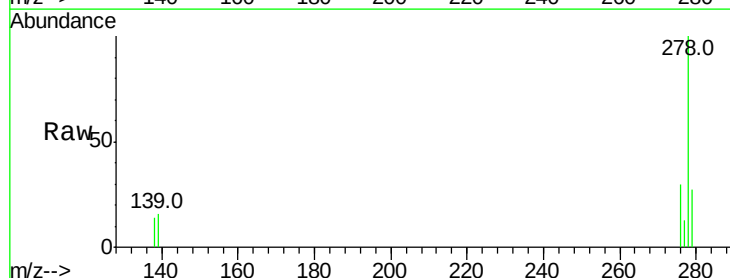
Tgt Ion:276 Resp: 9014

Ion Ratio Lower Upper

276 100

138 49.9 28.0 42.0#

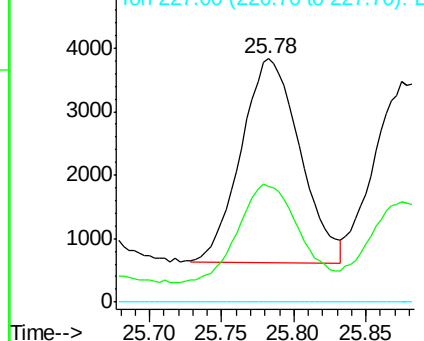
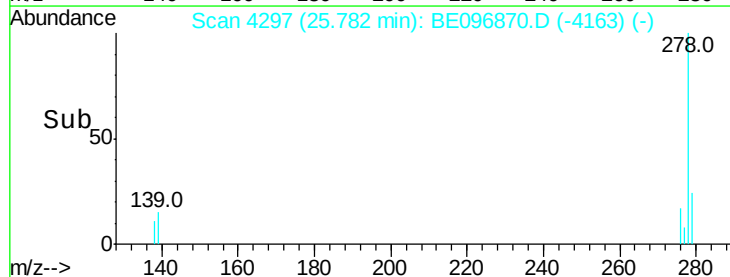
227 0.0 8.0 12.0#

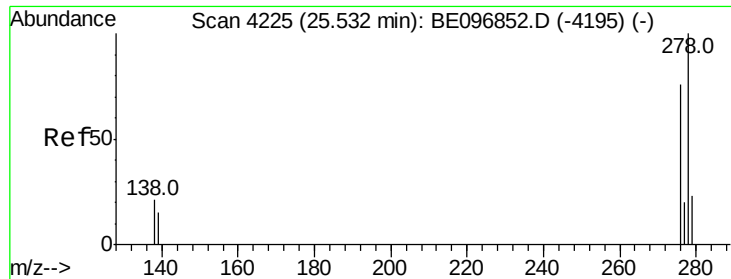


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

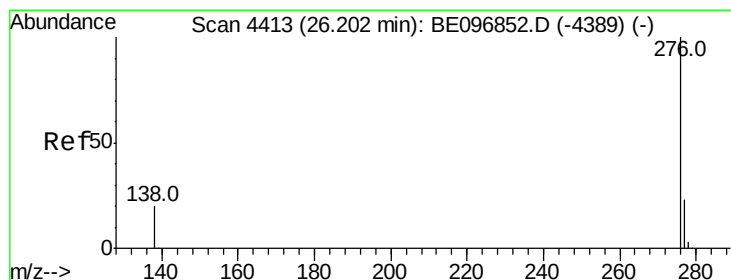
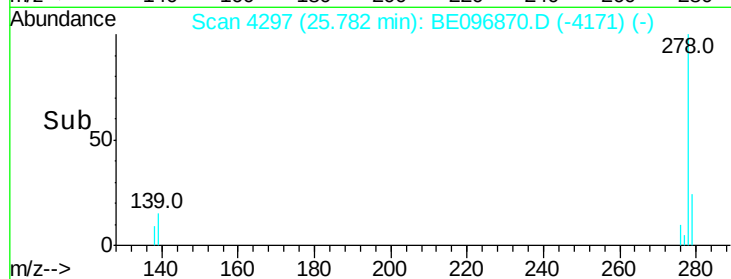
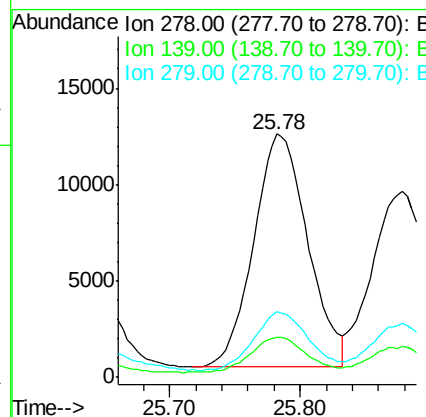
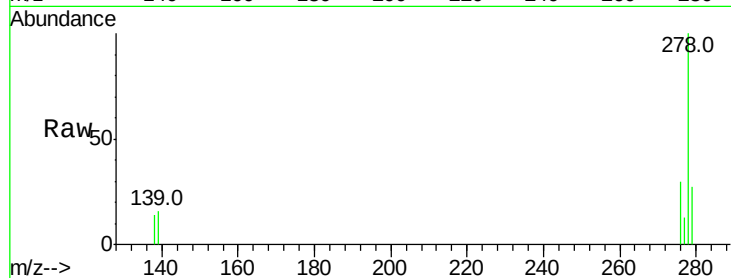




#25
Dibenzo(a,h)anthracene
Concen: 8.762 ng/ul
RT: 25.78 min Scan# 4297
Delta R.T. 0.25 min
Lab File: BE096870.D
Acq: 7 Jul 2018 1:35

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 34745
Ion Ratio Lower Upper
278 100
139 16.5 17.4 26.0#
279 26.8 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 6.141 ng/ul
RT: 26.57 min Scan# 4519
Delta R.T. 0.37 min
Lab File: BE096870.D
Acq: 7 Jul 2018 1:35

Tgt Ion:276 Resp: 29755
Ion Ratio Lower Upper
276 100
138 24.4 21.8 32.8
277 26.6 20.5 30.7

