

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\
 Data File : BE096864.D
 Acq On : 6 Jul 2018 21:48
 Operator : SJ/JU
 Sample : J3721-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 07 03:25:53 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

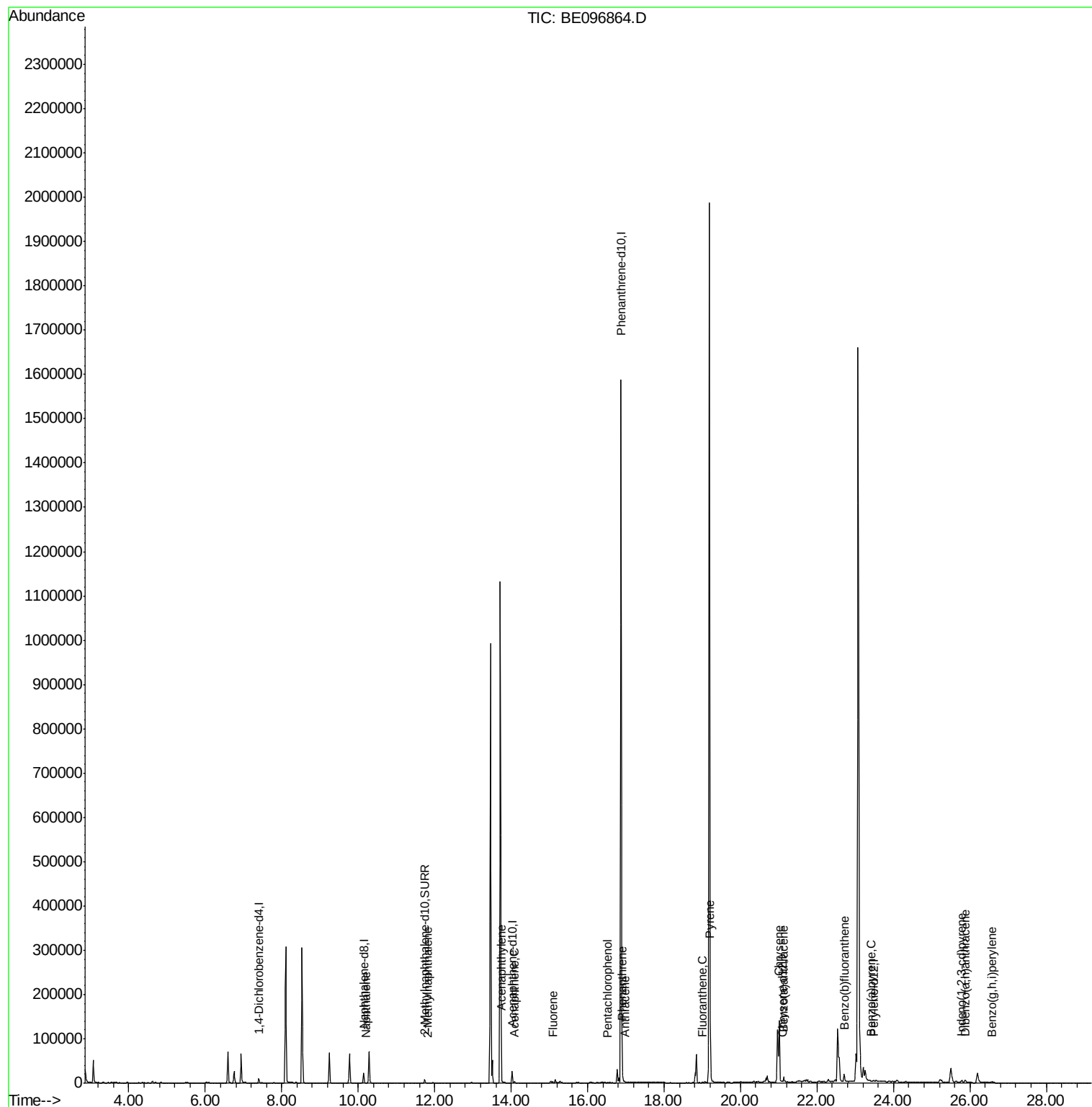
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4186	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	22240	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	14061	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	1758751	0.40	ng/ul	0.10
16) Chrysene-d12	21.10	240	57	0.40	ng/ul	0.12
20) Perylene-d12	23.48	264	663	0.40	ng/ul	0.27
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	9961	0.27	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	10.19	128	675	0.013	ng/ul#	78
5) 2-Methylnaphthalene	11.81	142	288	0.008	ng/ul	93
7) Acenaphthylene	13.74	152	6702	0.116	ng/ul	98
8) Acenaphthene	14.09	153	1600	0.034	ng/ul	94
9) Fluorene	15.08	166	1991	0.041	ng/ul	93
11) Pentachlorophenol	16.52	266	8	0.000	ng/ul#	36
12) Phenanthrene	16.91	178	15781	0.003	ng/ul#	90
13) Anthracene	16.97	178	493	0.000	ng/ul#	1
15) Fluoranthene	19.00	202	1891	0.000	ng/ul	85
17) Pyrene	19.21	202	120549	644.292	ng/ul#	80
18) Benzo(a)anthracene	21.13	228	10224	76.046	ng/ul#	52
19) Chrysene	21.01	228	133715	767.685	ng/ul	96
21) Benzo(b)fluoranthene	22.71	252	24180	13.363	ng/ul	92
23) Benzo(a)pyrene	23.42	252	465	0.304	ng/ul#	22
24) Indeno(1,2,3-cd)pyrene	25.79	276	2138	1.346	ng/ul#	70
25) Dibenzo(a,h)anthracene	25.87	278	9160	7.257	ng/ul	96
26) Benzo(a,h,i)perylene	26.57	276	5718	3.708	ng/ul#	93

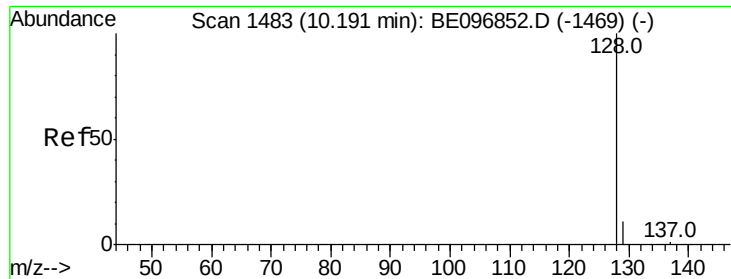
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.013 ng/ul

RT: 10.19 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BE096864.D

Acq: 6 Jul 2018 21:48

Instrument :

BNA_E

ClientSampleId :

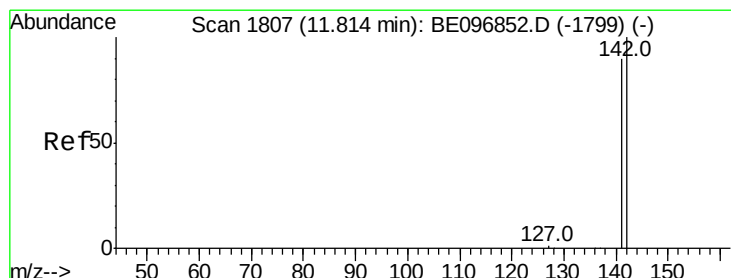
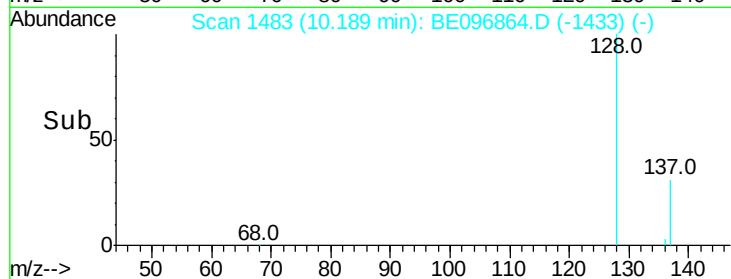
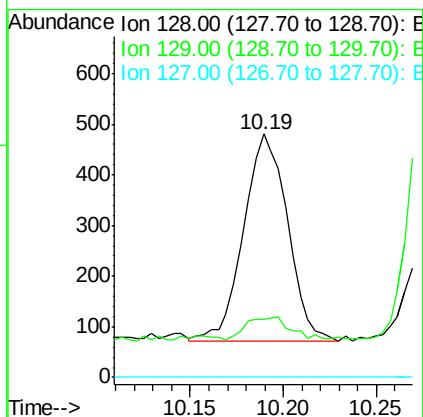
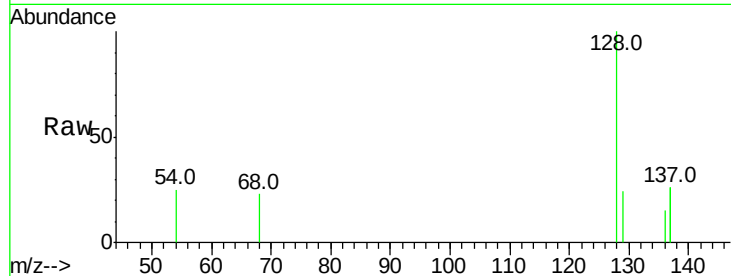
Tot Ion:128 Resp: 675

Ion Ratio Lower Upper

128 100

129 23.9 11.3 16.9#

127 0.0 4.0 6.0#



#5

2-Methylnaphthalene

Concen: 0.008 ng/ul

RT: 11.81 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BE096864.D

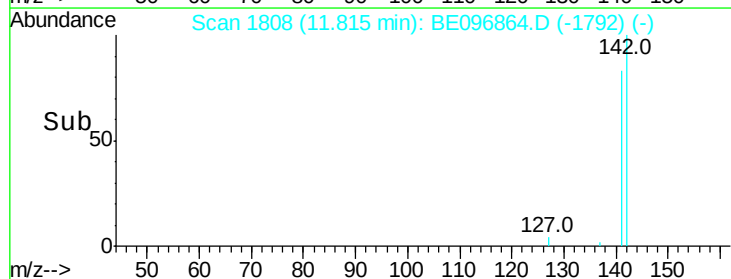
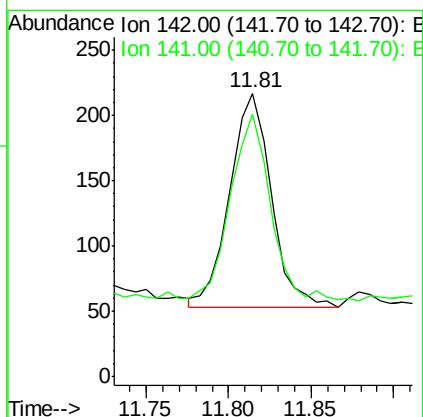
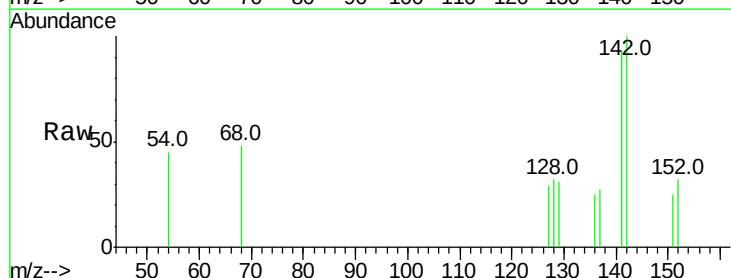
Acq: 6 Jul 2018 21:48

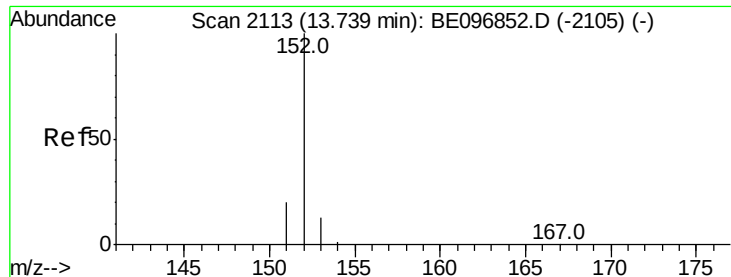
Tgt Ion:142 Resp: 288

Ion Ratio Lower Upper

142 100

141 84.0 72.6 108.8





#7

Acenaphthylene

Concen: 0.116 ng/ul

RT: 13.74 min Scan# 2114

Delta R.T. 0.01 min

Lab File: BE096864.D

Acq: 6 Jul 2018 21:48

Instrument :

BNA_E

ClientSampleId :

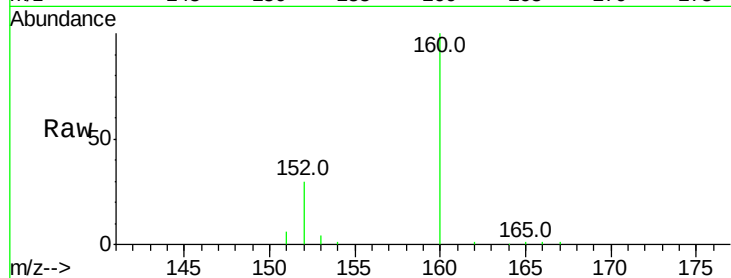
Tot Ion:152 Resp: 6702

Ion Ratio Lower Upper

152 100

151 20.9 17.1 25.7

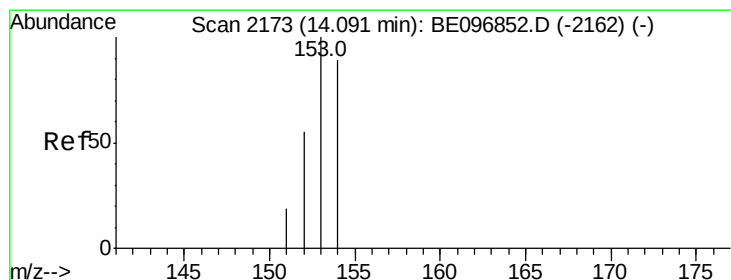
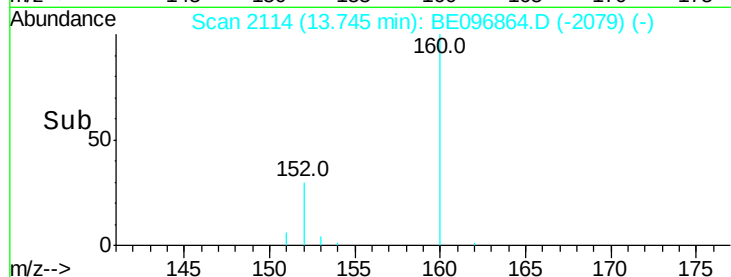
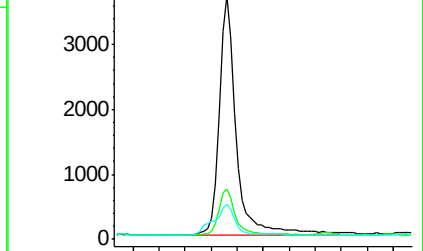
153 14.4 12.8 19.2



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: 0.034 ng/ul

RT: 14.09 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BE096864.D

Acq: 6 Jul 2018 21:48

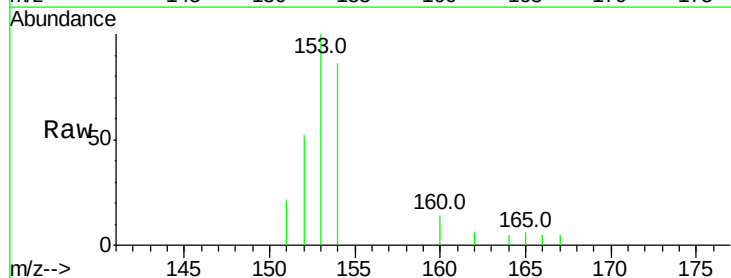
Tgt Ion:153 Resp: 1600

Ion Ratio Lower Upper

153 100

152 51.7 36.0 54.0

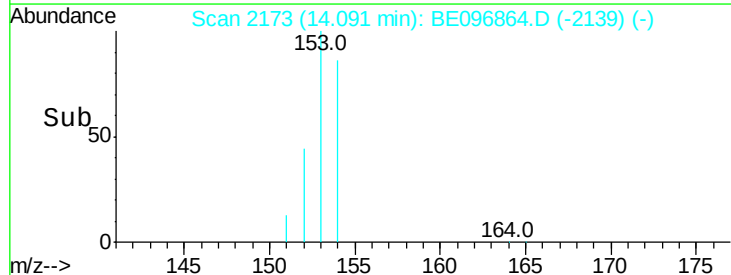
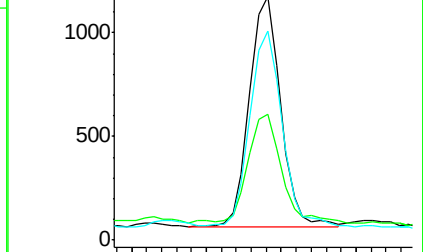
154 85.9 72.0 108.0

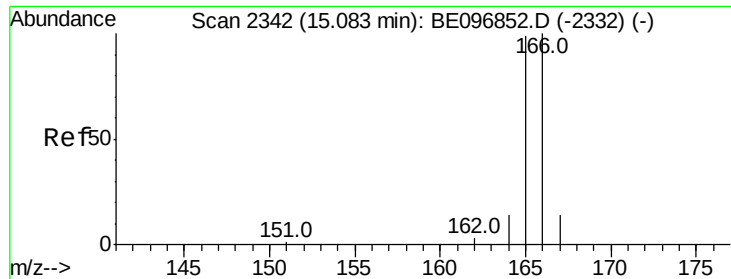


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.041 ng/ul

RT: 15.08 min Scan# 2342

Delta R.T. -0.00 min

Lab File: BE096864.D

Acq: 6 Jul 2018 21:48

Instrument :

BNA_E

ClientSampleId :

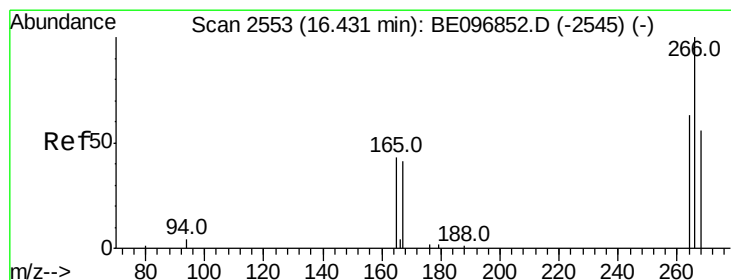
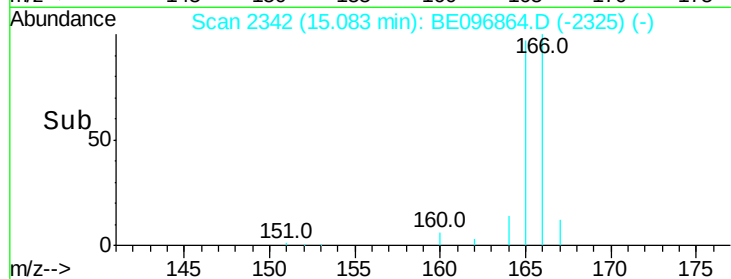
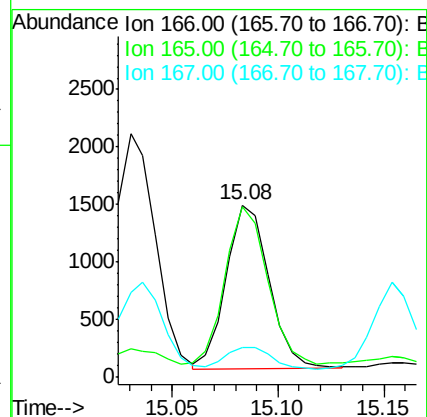
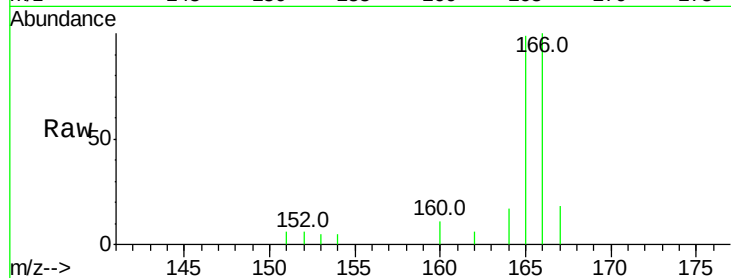
Tot Ion:166 Resp: 1991

Ion Ratio Lower Upper

166 100

165 99.2 73.4 110.2

167 17.6 14.6 22.0



#11

Pentachlorophenol

Concen: 0.000 ng/ul

RT: 16.52 min Scan# 2566

Delta R.T. 0.09 min

Lab File: BE096864.D

Acq: 6 Jul 2018 21:48

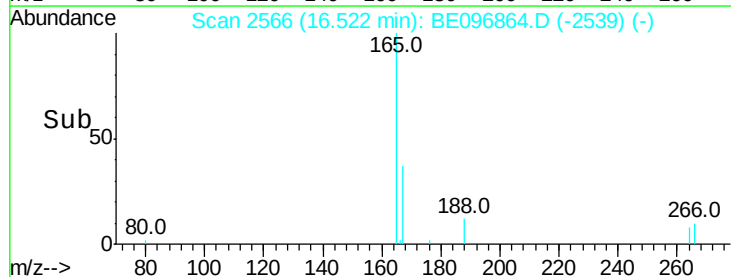
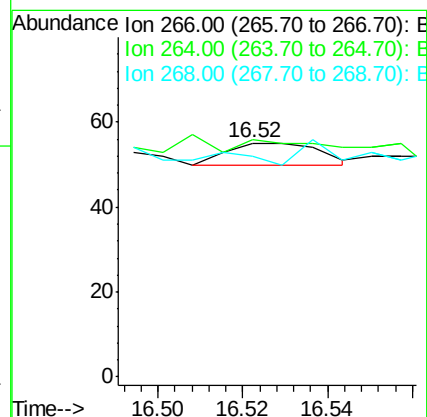
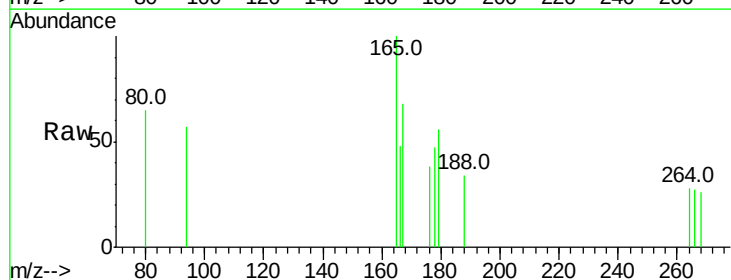
Tgt Ion:266 Resp: 8

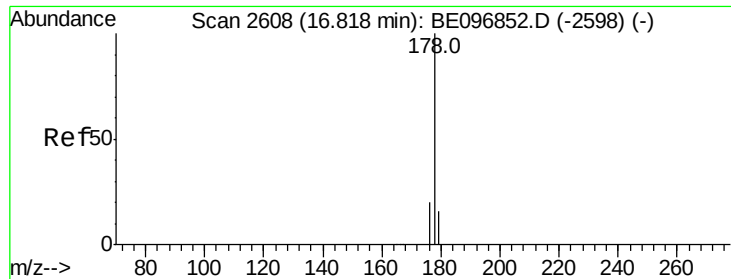
Ion Ratio Lower Upper

266 100

264 25.0 47.9 71.9#

268 0.0 49.8 74.8#





#12

Phenanthrene

Concen: 0.003 ng/ul

RT: 16.91 min Scan# 2621

Delta R.T. 0.09 min

Lab File: BE096864.D

Acq: 6 Jul 2018 21:48

Instrument :

BNA_E

ClientSampleId :

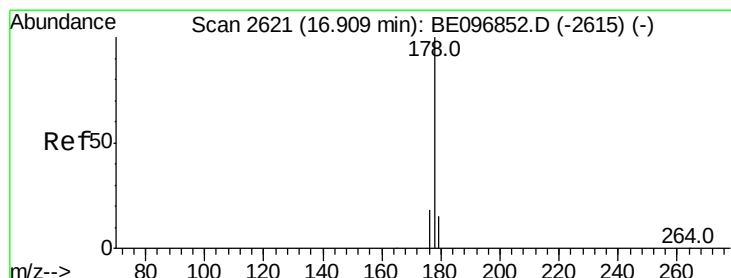
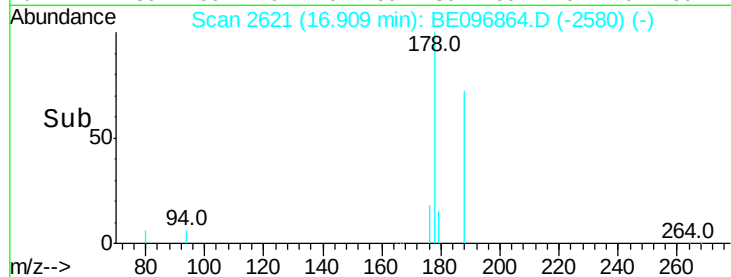
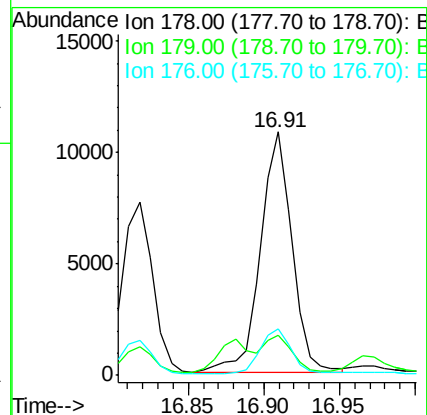
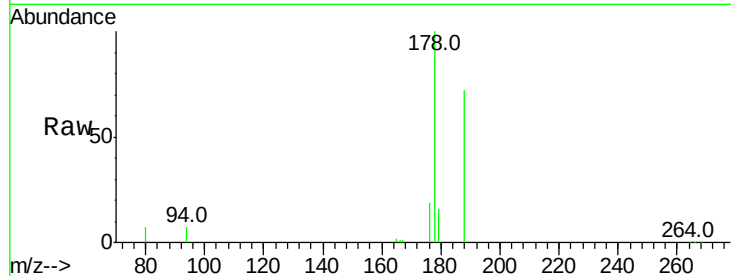
Tot Ion:178 Resp: 15781

Ion Ratio Lower Upper

178 100

179 16.4 18.4 27.6#

176 18.9 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: BE096864.D

Acq: 6 Jul 2018 21:48

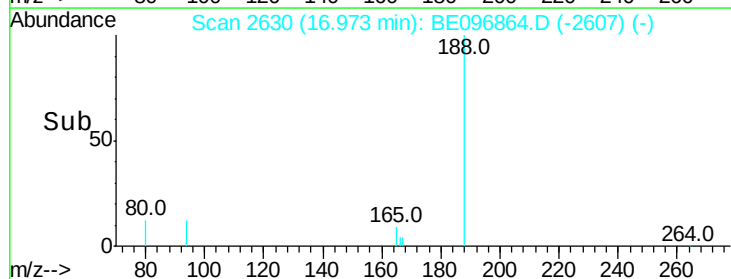
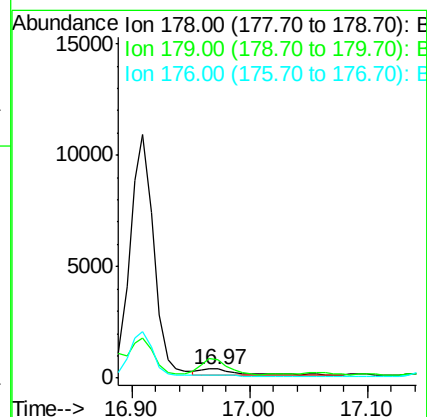
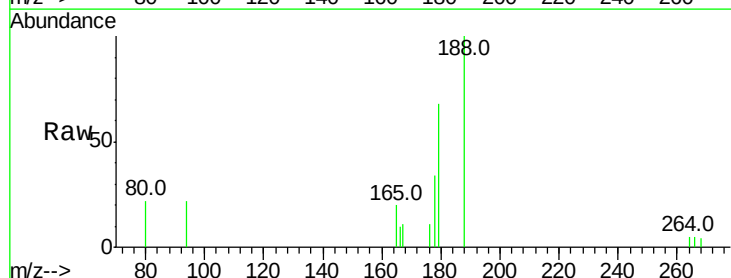
Tgt Ion:178 Resp: 493

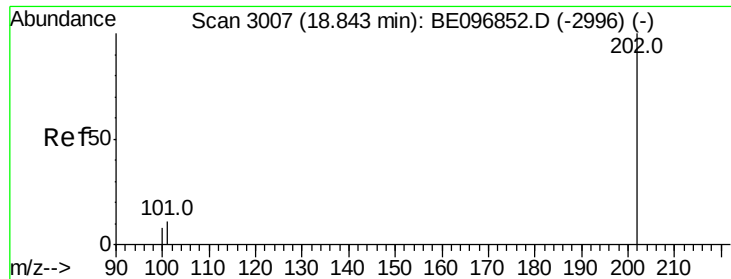
Ion Ratio Lower Upper

178 100

179 203.2 18.1 27.1#

176 33.3 14.7 22.1#





#15

Fluoranthene

Concen: 0.000 ng/ul

RT: 19.00 min Scan# 3050

Delta R.T. 0.15 min

Lab File: BE096864.D

Acq: 6 Jul 2018 21:48

Instrument :

BNA_E

ClientSampleId :

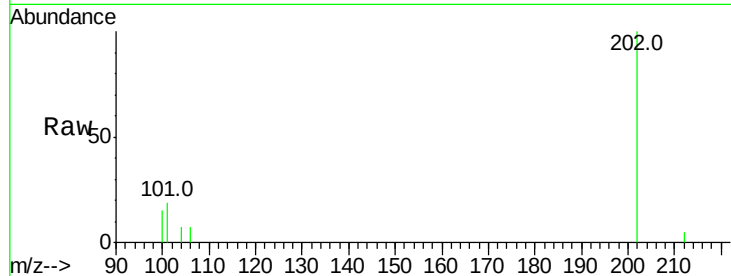
Tot Ion:202 Resp: 1891

Ion Ratio Lower Upper

202 100

101 19.1 0.0 30.3

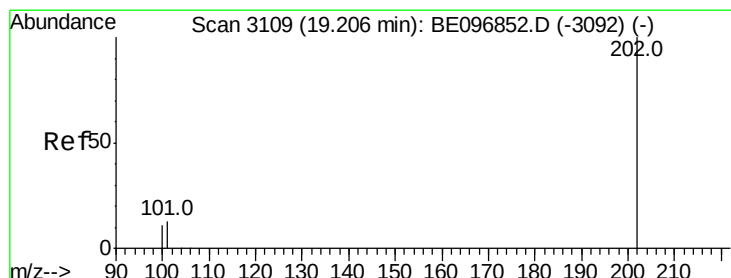
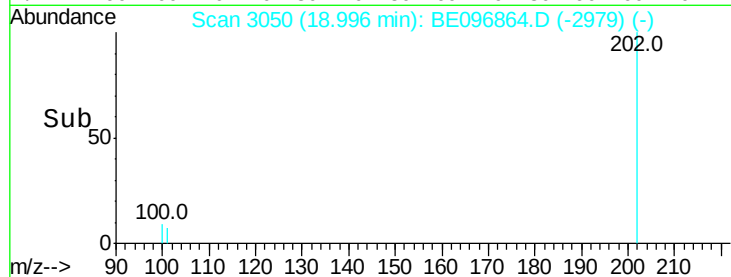
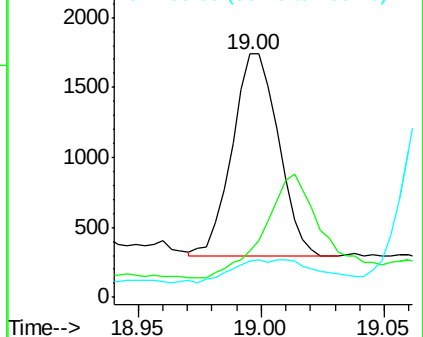
100 14.7 0.0 39.5



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: 644.292 ng/ul

RT: 19.21 min Scan# 3110

Delta R.T. 0.00 min

Lab File: BE096864.D

Acq: 6 Jul 2018 21:48

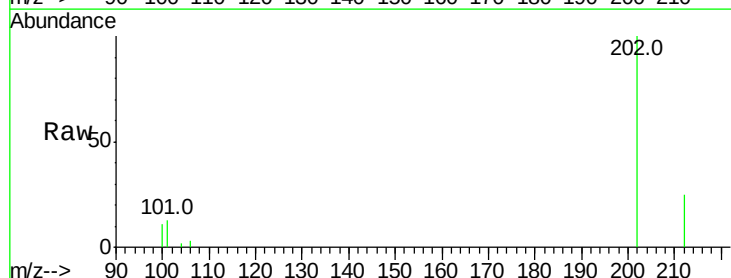
Tgt Ion:202 Resp: 120549

Ion Ratio Lower Upper

202 100

101 12.9 18.2 27.4#

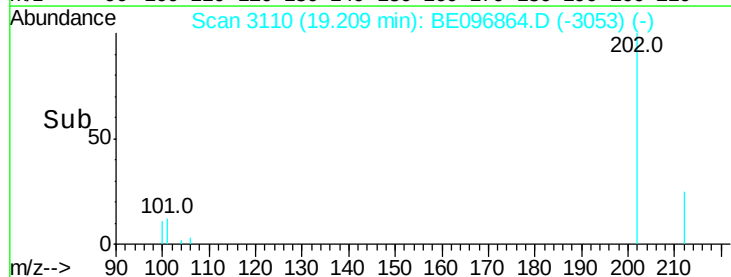
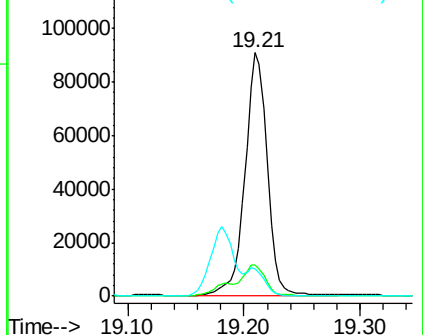
100 11.1 15.6 23.4#

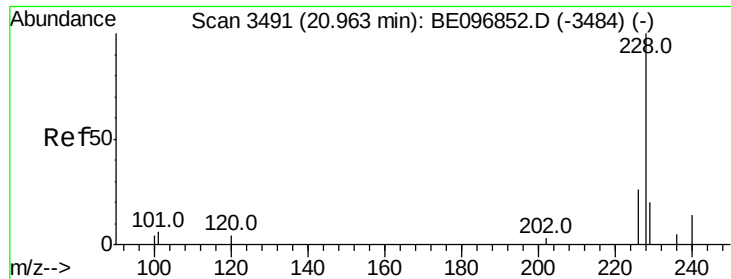


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE

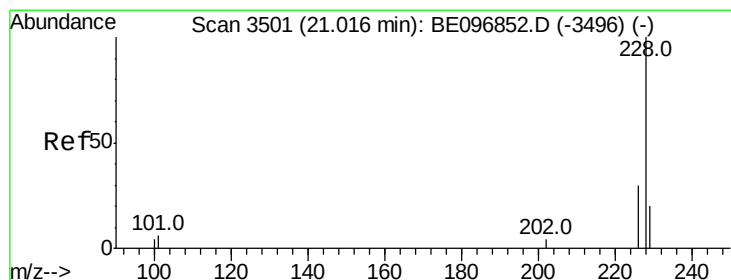
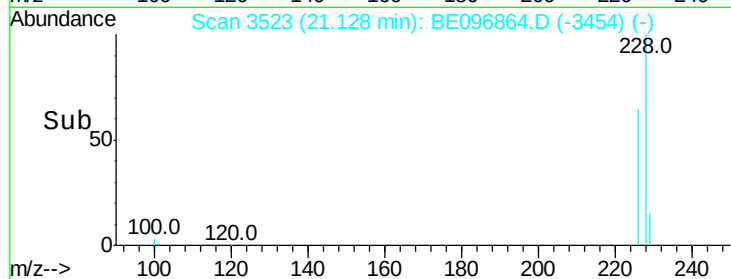
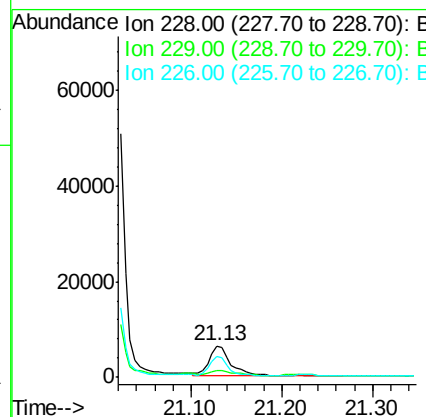
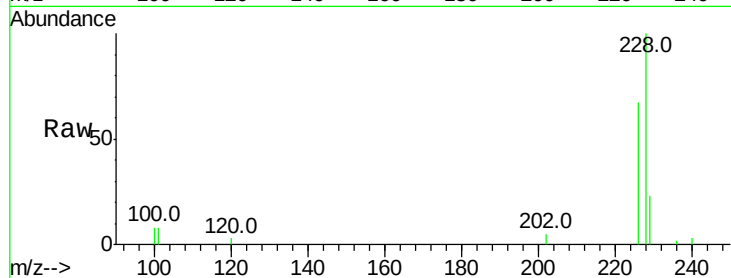




#18
Benzo(a)anthracene
Concen: 76.046 ng/ul
RT: 21.13 min Scan# 3523
Delta R.T. 0.17 min
Lab File: BE096864.D
Acq: 6 Jul 2018 21:48

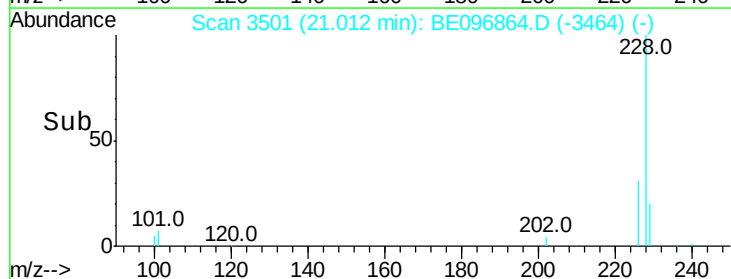
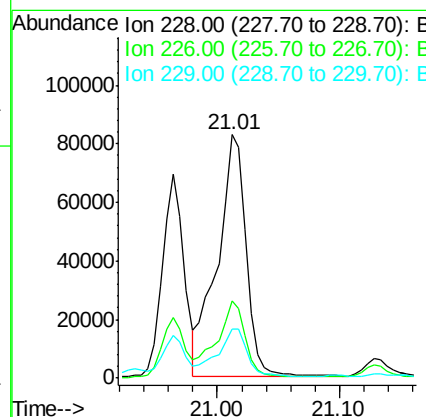
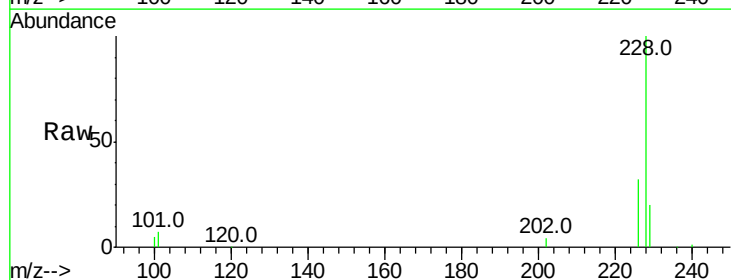
Instrument :
BNA_E
ClientSampleId :

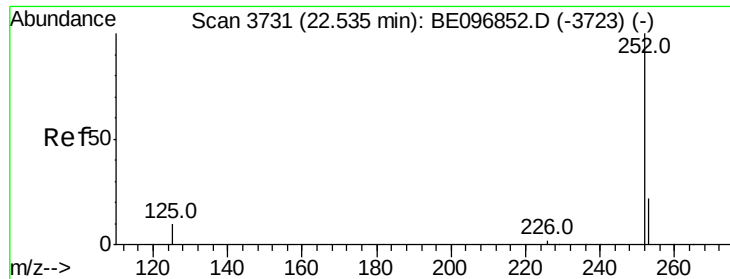
Tot Ion:228 Resp: 10224
Ion Ratio Lower Upper
228 100
229 22.6 22.8 34.2#
226 67.1 17.0 25.6#



#19
Chrysene
Concen: 767.685 ng/ul
RT: 21.01 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BE096864.D
Acq: 6 Jul 2018 21:48

Tgt Ion:228 Resp: 133715
Ion Ratio Lower Upper
228 100
226 31.5 23.4 35.0
229 20.2 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 13.363 ng/ul

RT: 22.71 min Scan# 3757

Delta R.T. 0.17 min

Lab File: BE096864.D

Acq: 6 Jul 2018 21:48

Instrument :

BNA_E

ClientSampleId :

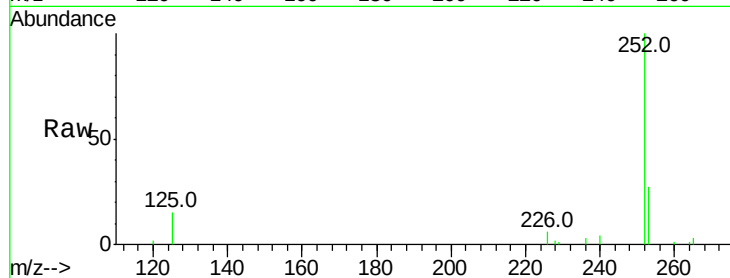
Tot Ion:252 Resp: 24180

Ion Ratio Lower Upper

252 100

253 26.9 0.0 64.2

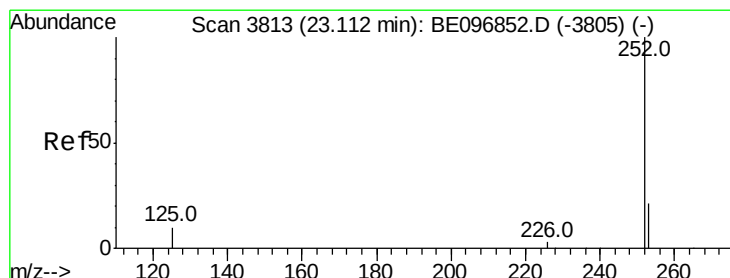
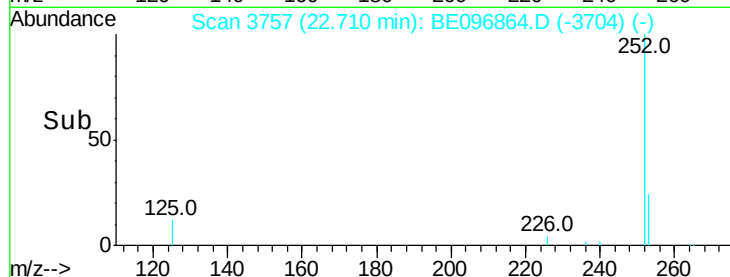
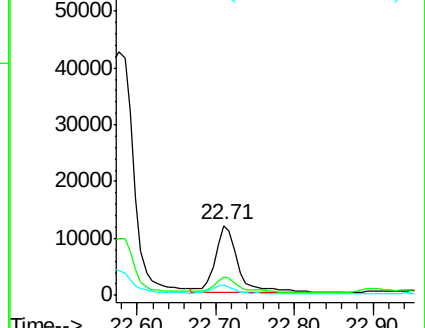
125 14.7 0.0 35.0



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



#23

Benzo(a)pyrene

Concen: 0.304 ng/ul

RT: 23.42 min Scan# 3858

Delta R.T. 0.31 min

Lab File: BE096864.D

Acq: 6 Jul 2018 21:48

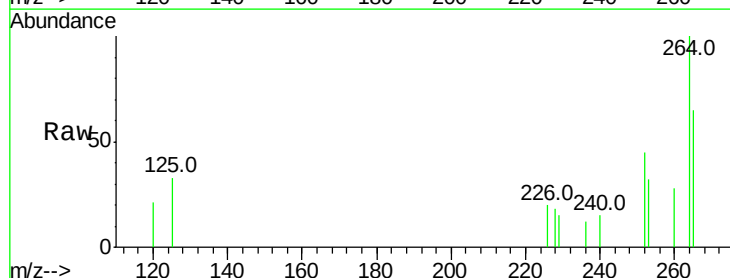
Tgt Ion:252 Resp: 465

Ion Ratio Lower Upper

252 100

253 71.6 28.5 42.7#

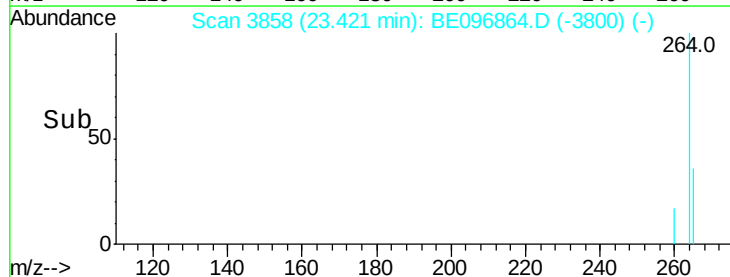
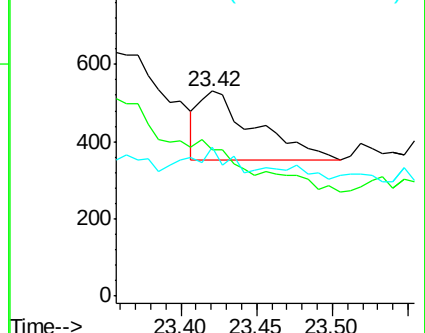
125 72.5 18.1 27.1#

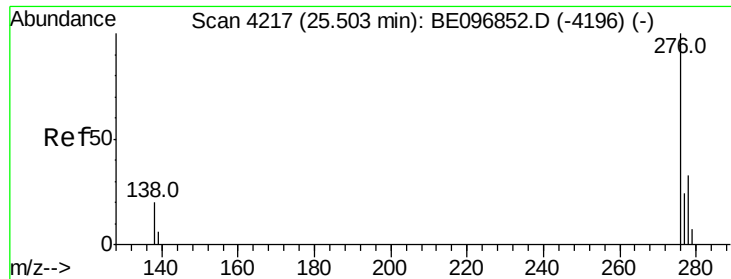


Abundance Ion 252.00 (251.70 to 252.70): E

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: 1.346 ng/ul

RT: 25.79 min Scan# 4297

Delta R.T. 0.28 min

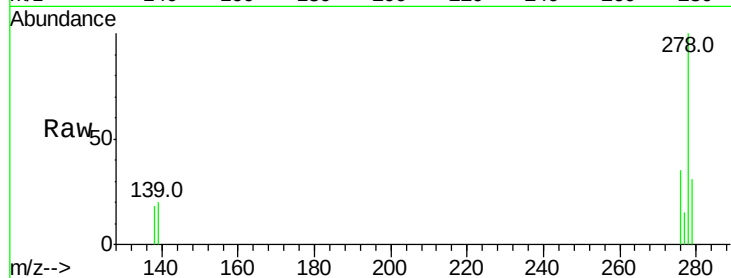
Lab File: BE096864.D

Acq: 6 Jul 2018 21:48

Instrument :

BNA_E

ClientSampleId :



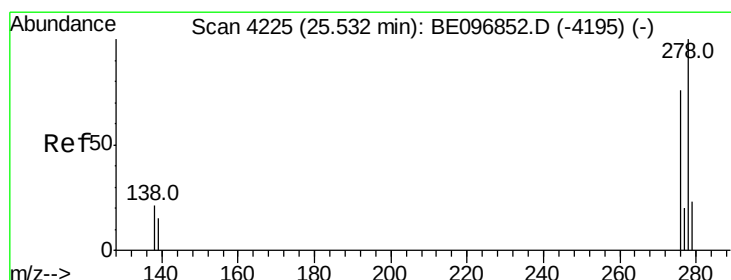
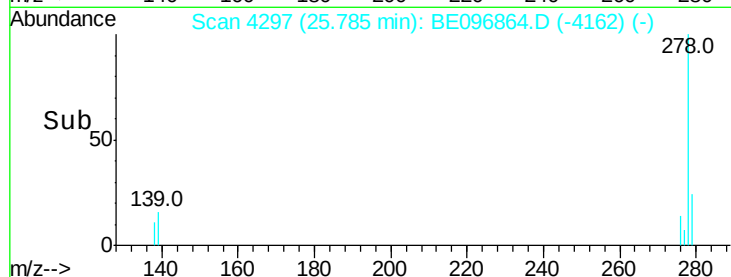
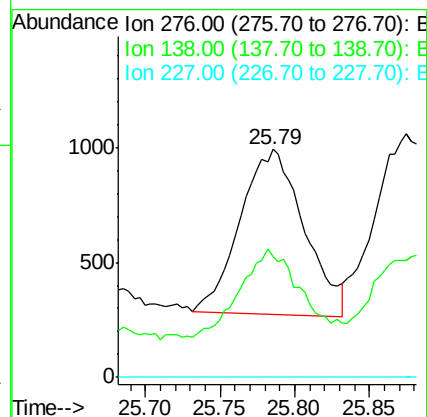
Tot Ion:276 Resp: 2138

Ion Ratio Lower Upper

276 100

138 52.9 28.0 42.0#

227 0.0 8.0 12.0#



#25

Dibenzo(a,h)anthracene

Concen: 7.257 ng/ul

RT: 25.87 min Scan# 4322

Delta R.T. 0.34 min

Lab File: BE096864.D

Acq: 6 Jul 2018 21:48

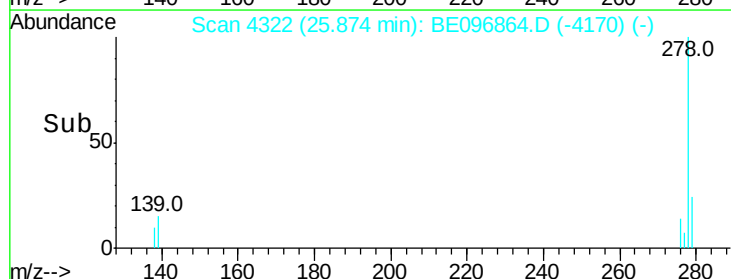
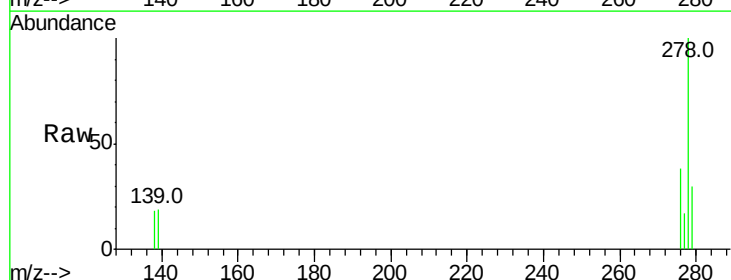
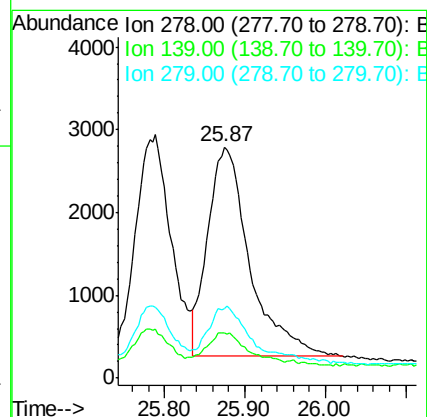
Tgt Ion:278 Resp: 9160

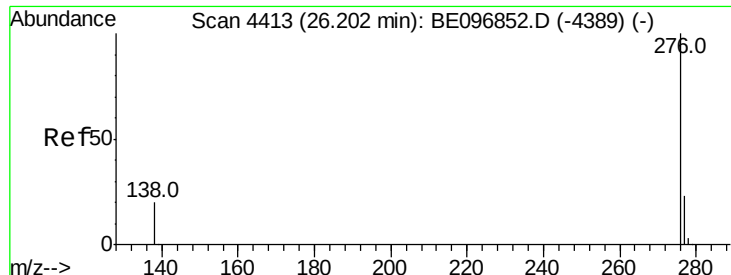
Ion Ratio Lower Upper

278 100

139 19.5 17.4 26.0

279 30.0 25.9 38.9





#26

Benzo(a,h,i)perylene

Concen: 3.708 ng/ul

RT: 26.57 min Scan# 4518

Delta R.T. 0.37 min

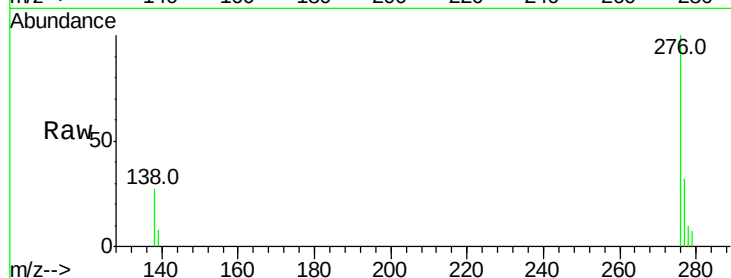
Lab File: BE096864.D

Acq: 6 Jul 2018 21:48

Instrument :

BNA_E

ClientSampleId :



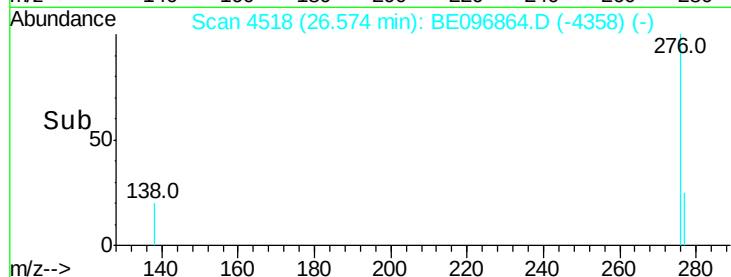
Tot Ion:276 Resp: 5718

Ion Ratio Lower Upper

276 100

138 26.9 21.8 32.8

277 32.2 20.5 30.7#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

