

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\
 Data File : BE096868.D
 Acq On : 7 Jul 2018 00:18
 Operator : SJ/JU
 Sample : J3721-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 07 03:26:11 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

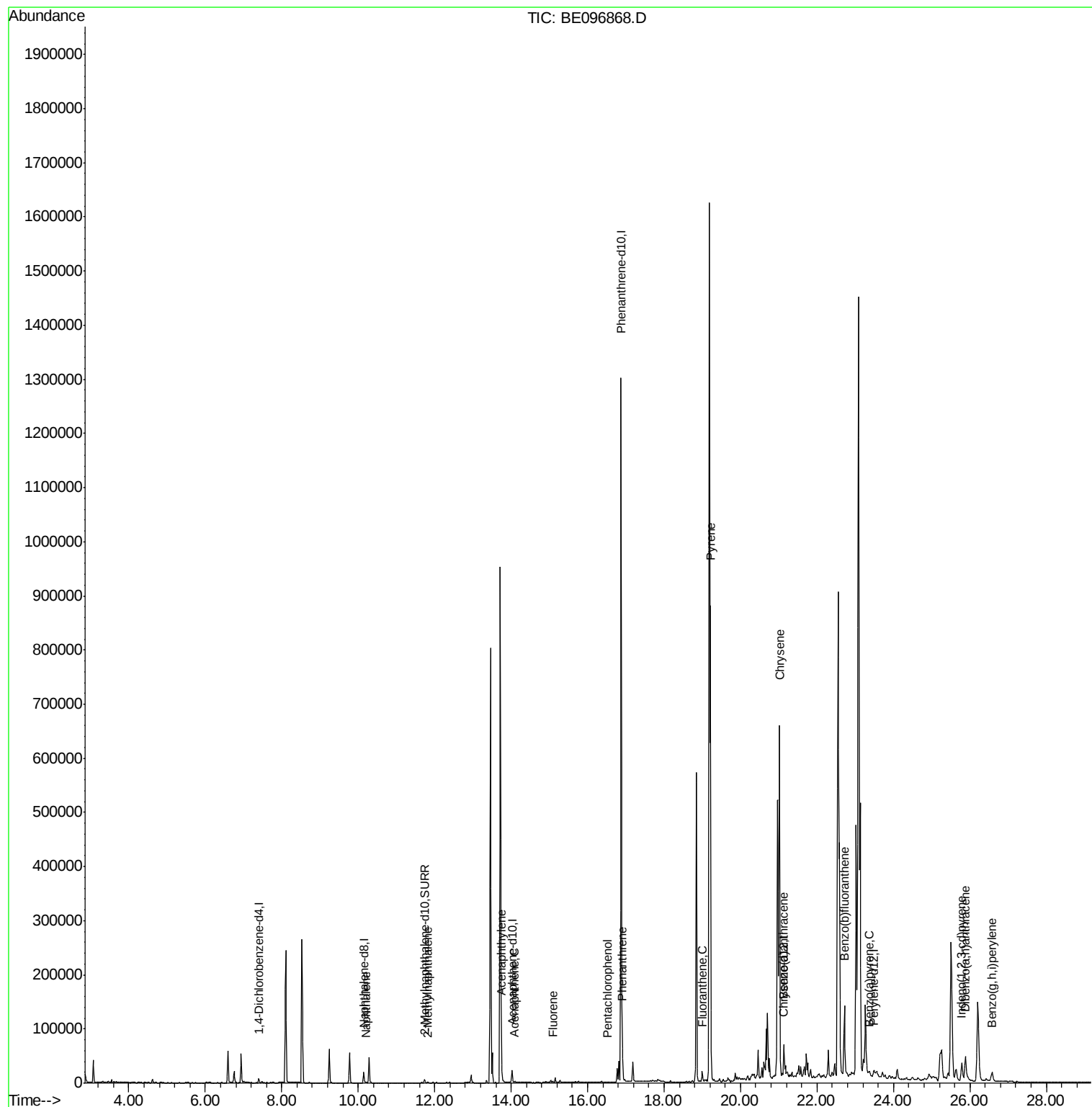
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3511	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	18939	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	12557	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	1485755	0.40	ng/ul	0.10
16) Chrysene-d12	21.12	240	479	0.40	ng/ul	0.14
20) Perylene-d12	23.49	264	4834	0.40	ng/ul	0.28
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	8281	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	2032	0.044	ng/ul#	94
5) 2-Methylnaphthalene	11.81	142	658	0.021	ng/ul	94
7) Acenaphthylene	13.75	152	53943	1.048	ng/ul	96
8) Acenaphthene	14.09	153	1601	0.038	ng/ul#	87
9) Fluorene	15.08	166	1973	0.045	ng/ul#	92
11) Pentachlorophenol	16.53	266	7	0.000	ng/ul#	76
12) Phenanthrene	16.91	178	67439	0.018	ng/ul#	89
15) Fluoranthene	19.00	202	19729	0.005	ng/ul	83
17) Pyrene	19.21	202	902390	573.922	ng/ul#	82
18) Benzo(a)anthracene	21.13	228	51433	45.523	ng/ul#	54
19) Chrysene	21.02	228	685684	468.453	ng/ul	96
21) Benzo(b)fluoranthene	22.72	252	187289	14.196	ng/ul	88
23) Benzo(a)pyrene	23.37	252	1860	0.167	ng/ul#	24
24) Indeno(1,2,3-cd)pyrene	25.79	276	12505	1.079	ng/ul#	71
25) Dibenzo(a,h)anthracene	25.88	278	71537	7.774	ng/ul	93
26) Benzo(a,h,i)perylene	26.58	276	36882	3.280	ng/ul#	92

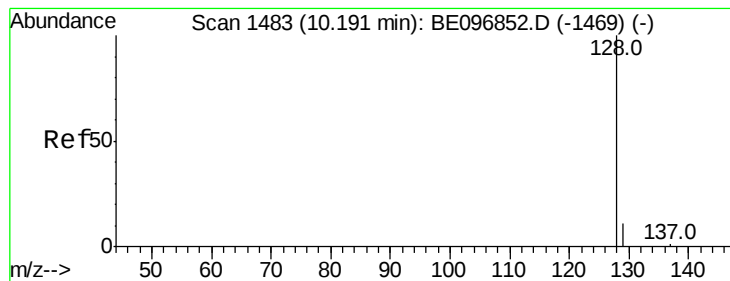
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 06 16:55:25 2018
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#3

Naphthalene

Concen: 0.044 ng/ul

RT: 10.19 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BE096868.D

Acq: 7 Jul 2018 00:18

Instrument :

BNA_E

ClientSampleId :

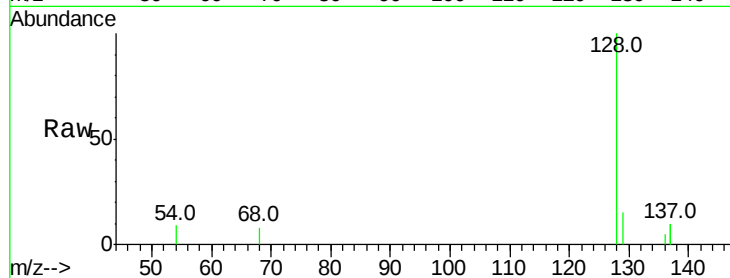
Tot Ion:128 Resp: 2032

Ion Ratio Lower Upper

128 100

129 15.0 11.3 16.9

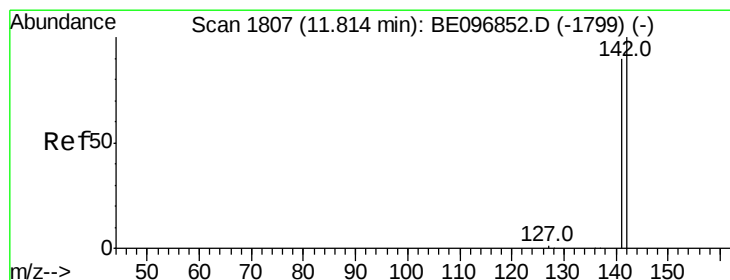
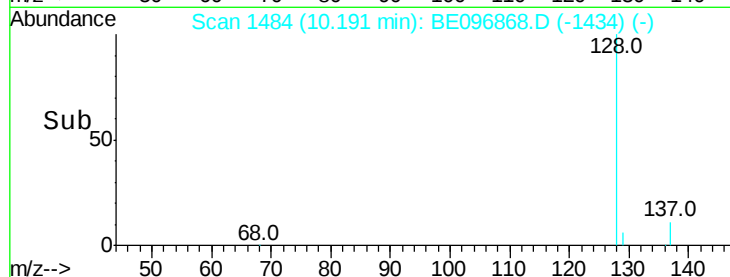
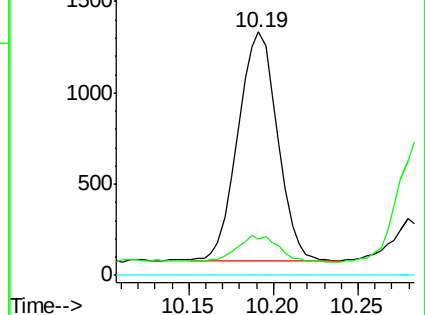
127 0.0 4.0 6.0#



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: 0.021 ng/ul

RT: 11.81 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BE096868.D

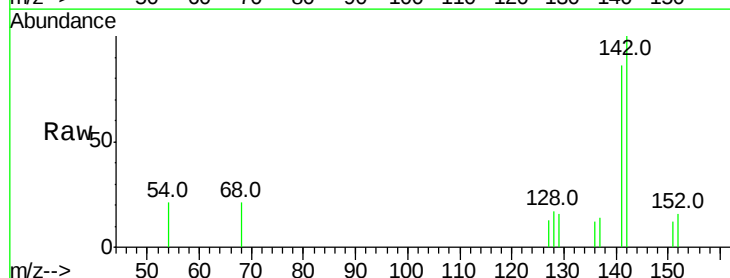
Acq: 7 Jul 2018 00:18

Tgt Ion:142 Resp: 658

Ion Ratio Lower Upper

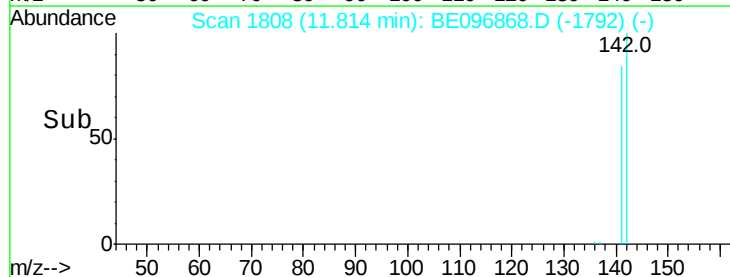
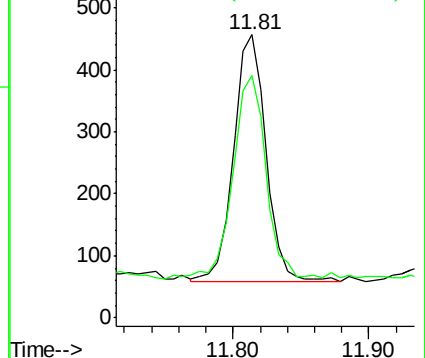
142 100

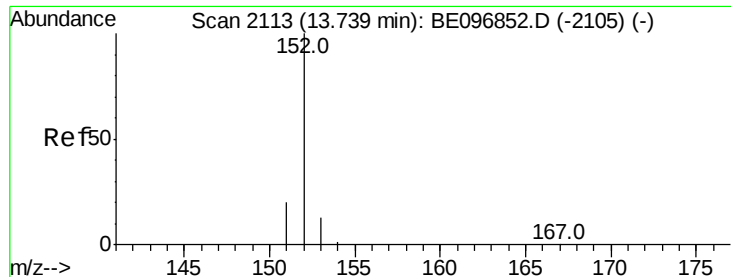
141 85.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.048 ng/ul

RT: 13.75 min Scan# 2115

Delta R.T. 0.01 min

Lab File: BE096868.D

Acq: 7 Jul 2018 00:18

Instrument :

BNA_E

ClientSampleId :

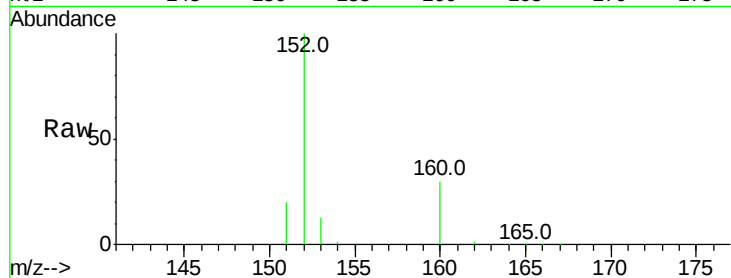
Tot Ion:152 Resp: 53943

Ion Ratio Lower Upper

152 100

151 19.9 17.1 25.7

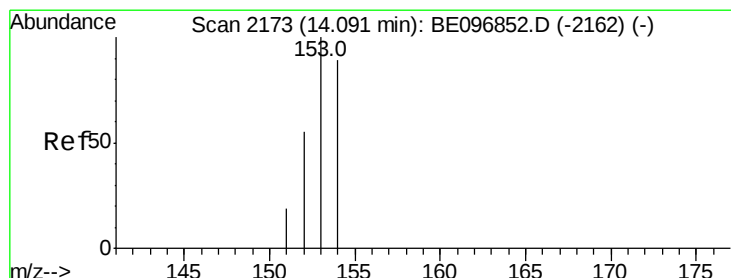
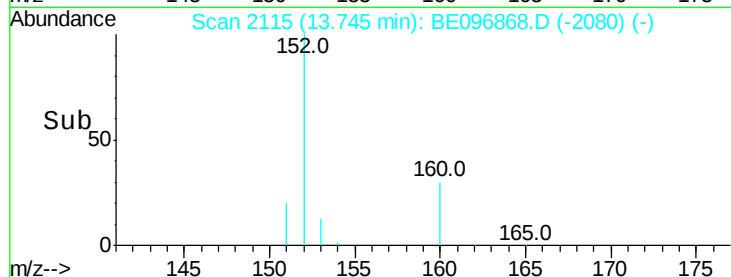
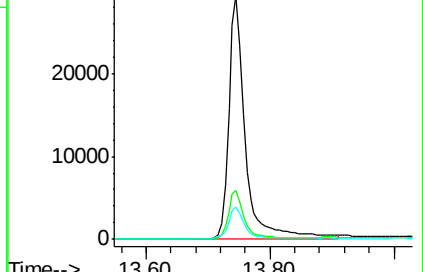
153 13.3 12.8 19.2



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: 0.038 ng/ul

RT: 14.09 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BE096868.D

Acq: 7 Jul 2018 00:18

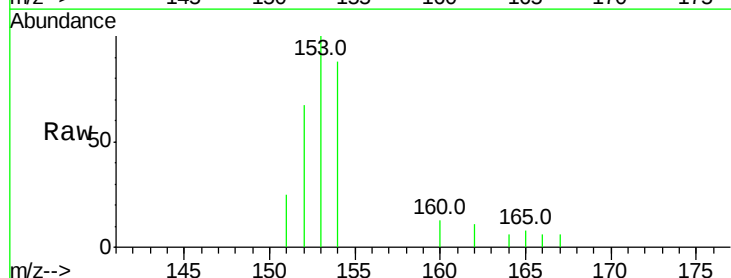
Tgt Ion:153 Resp: 1601

Ion Ratio Lower Upper

153 100

152 67.1 36.0 54.0#

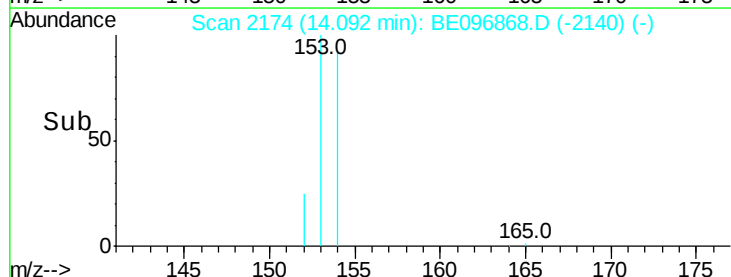
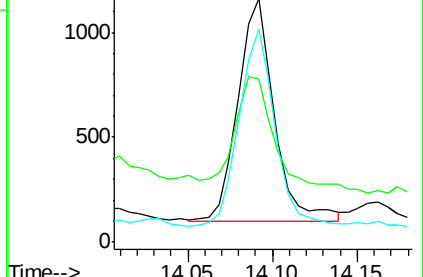
154 87.5 72.0 108.0

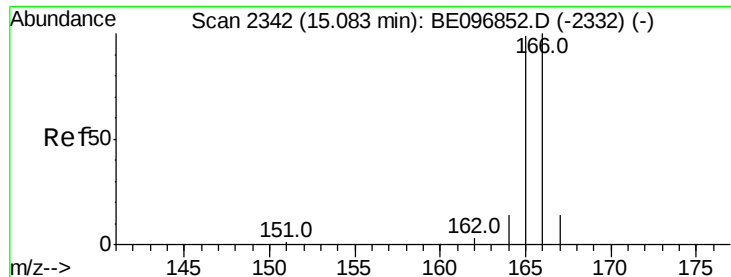


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.045 ng/ul

RT: 15.08 min Scan# 2343

Delta R.T. 0.00 min

Lab File: BE096868.D

Acq: 7 Jul 2018 00:18

Instrument :

BNA_E

ClientSampleId :

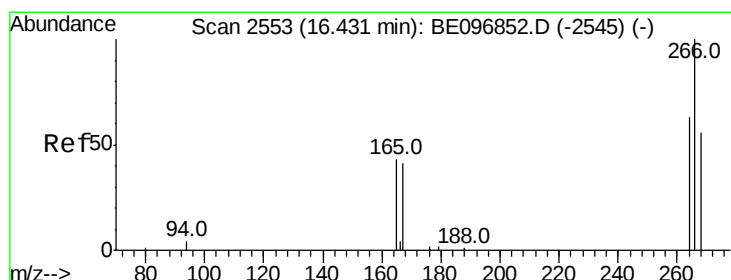
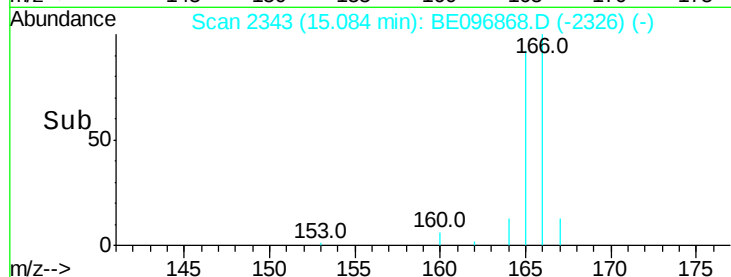
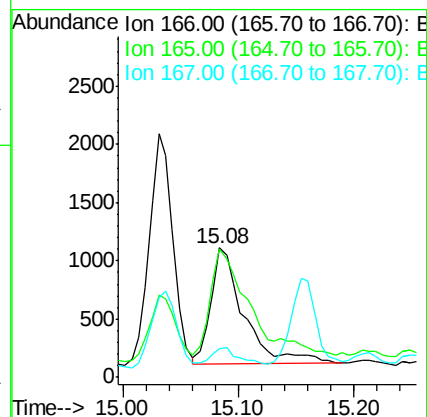
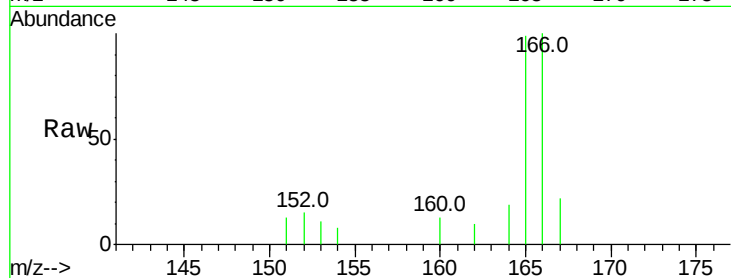
Tot Ion:166 Resp: 1973

Ion Ratio Lower Upper

166 100

165 99.1 73.4 110.2

167 22.5 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: BE096868.D

Acq: 7 Jul 2018 00:18

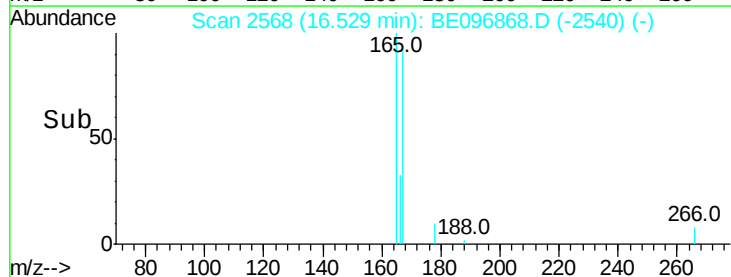
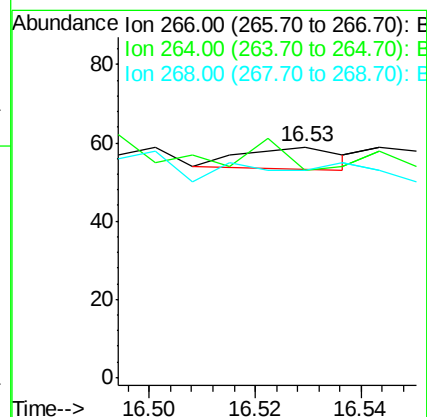
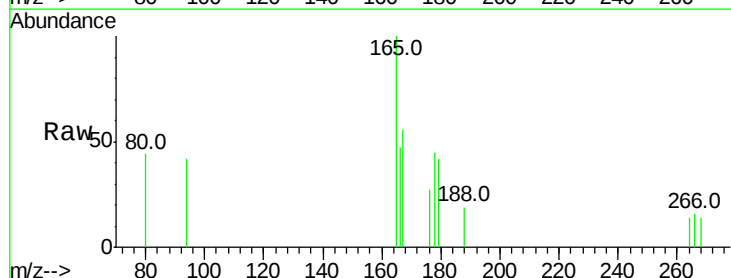
Tgt Ion:266 Resp: 7

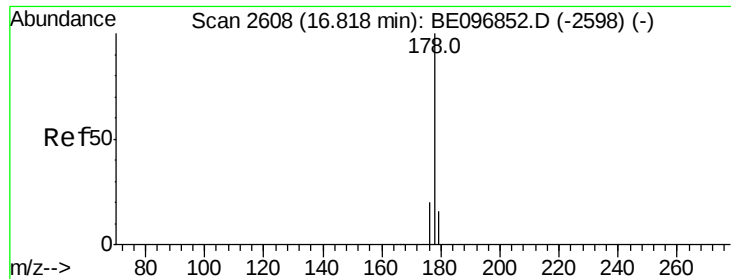
Ion Ratio Lower Upper

266 100

264 42.9 47.9 71.9#

268 42.9 49.8 74.8#





#12

Phenanthrene

Concen: 0.018 ng/ul

RT: 16.91 min Scan# 2622

Delta R.T. 0.09 min

Lab File: BE096868.D

Acq: 7 Jul 2018 00:18

Instrument :

BNA_E

ClientSampleId :

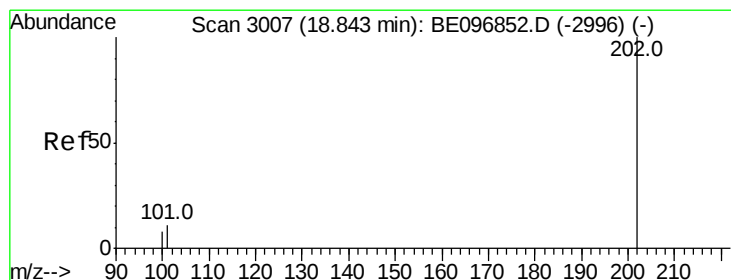
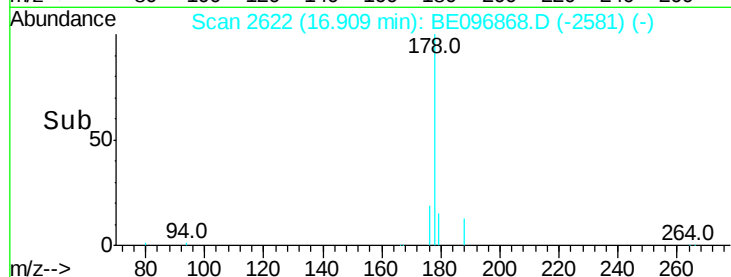
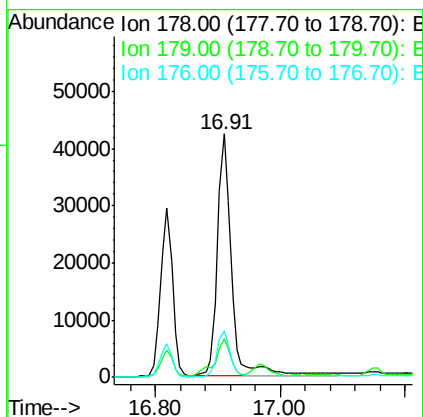
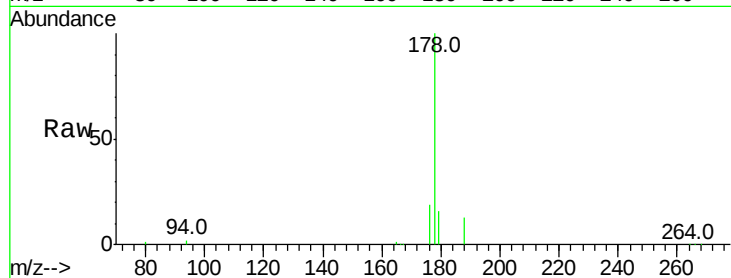
Tot Ion:178 Resp: 67439

Ion Ratio Lower Upper

178 100

179 15.8 18.4 27.6#

176 19.1 13.6 20.4



#15

Fluoranthene

Concen: 0.005 ng/ul

RT: 19.00 min Scan# 3052

Delta R.T. 0.16 min

Lab File: BE096868.D

Acq: 7 Jul 2018 00:18

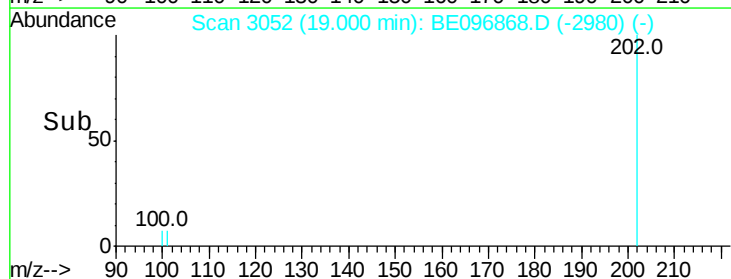
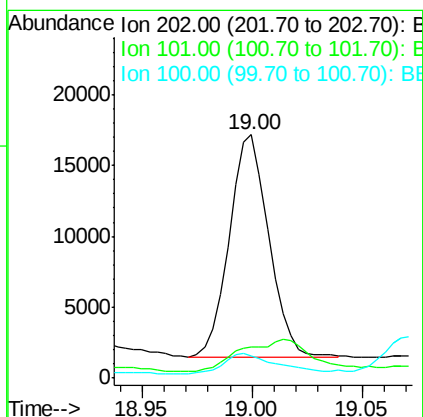
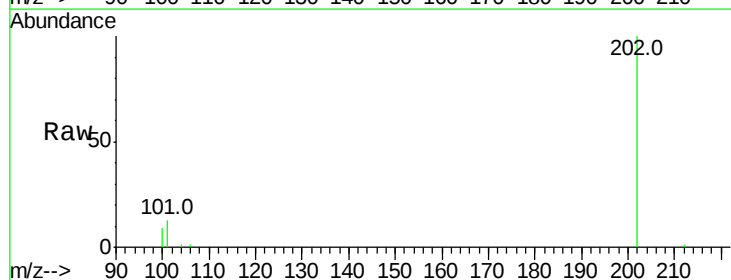
Tgt Ion:202 Resp: 19729

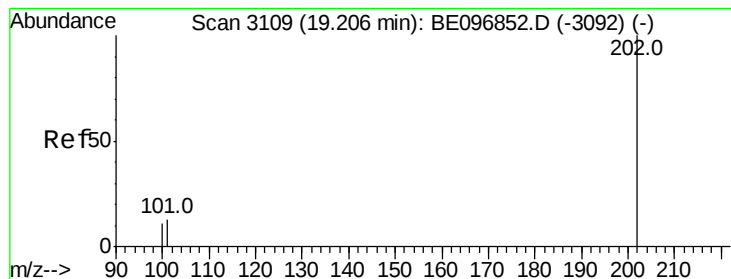
Ion Ratio Lower Upper

202 100

101 12.8 0.0 30.3

100 9.3 0.0 39.5





#17

Pvrene

Concen: 573.922 ng/ul

RT: 19.21 min Scan# 3111

Delta R.T. 0.00 min

Lab File: BE096868.D

Acq: 7 Jul 2018 00:18

Instrument :

BNA_E

ClientSampleId :

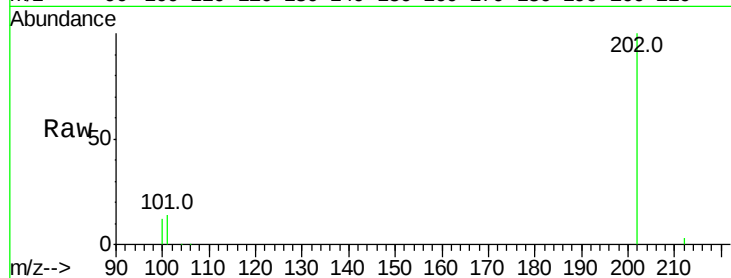
Tot Ion:202 Resp: 902390

Ion Ratio Lower Upper

202 100

101 13.7 18.2 27.4#

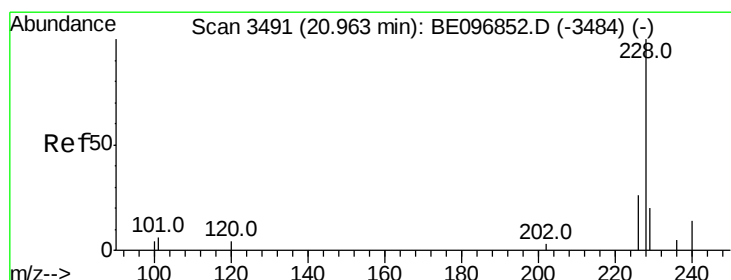
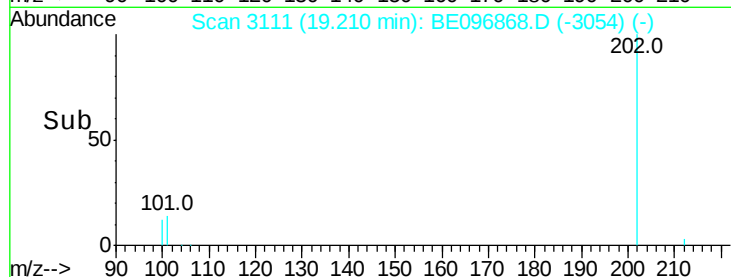
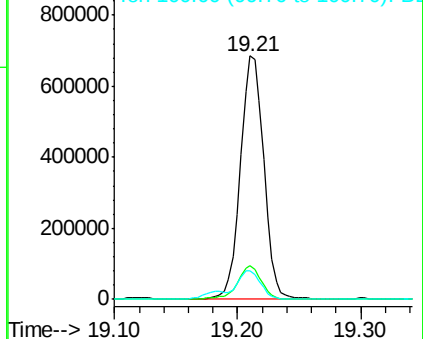
100 11.9 15.6 23.4#



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): E



#18

Benzo(a)anthracene

Concen: 45.523 ng/ul

RT: 21.13 min Scan# 3524

Delta R.T. 0.17 min

Lab File: BE096868.D

Acq: 7 Jul 2018 00:18

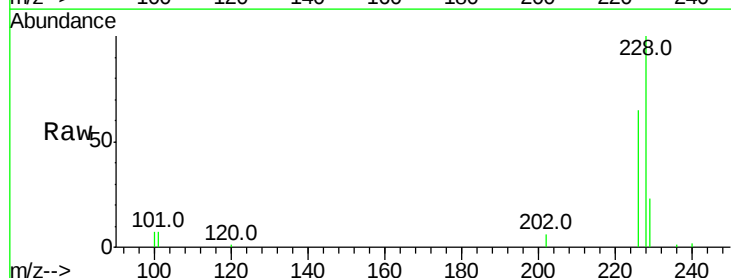
Tgt Ion:228 Resp: 51433

Ion Ratio Lower Upper

228 100

229 22.6 22.8 34.2#

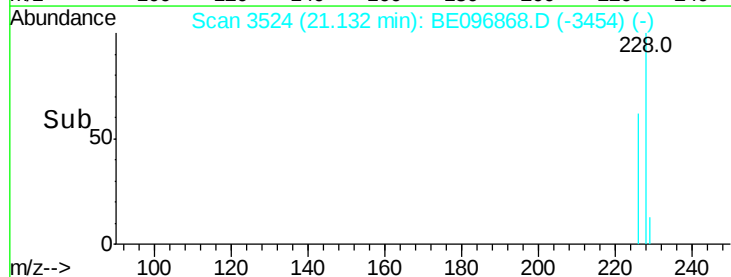
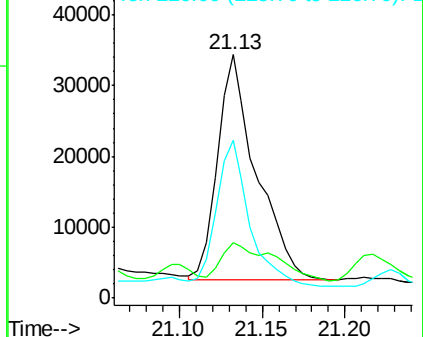
226 64.7 17.0 25.6#

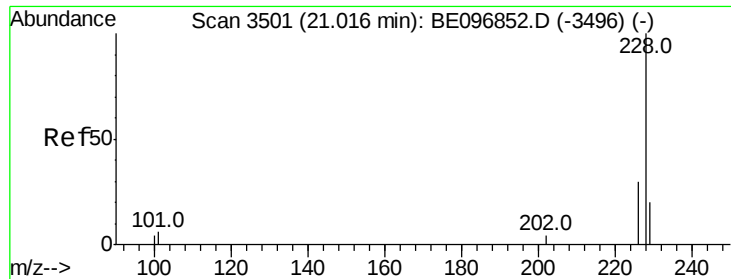


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 468.453 ng/ul

RT: 21.02 min Scan# 3502

Delta R.T. -0.00 min

Lab File: BE096868.D

Acq: 7 Jul 2018 00:18

Instrument :

BNA_E

ClientSampleId :

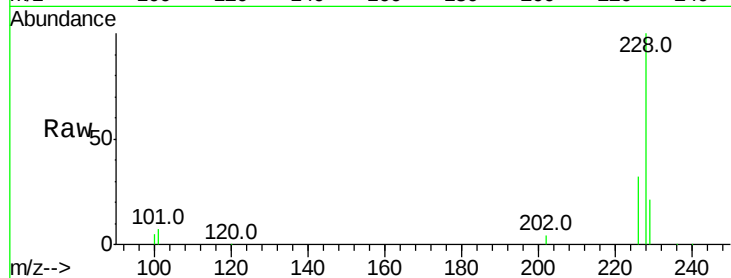
Tot Ion:228 Resp: 685684

Ion Ratio Lower Upper

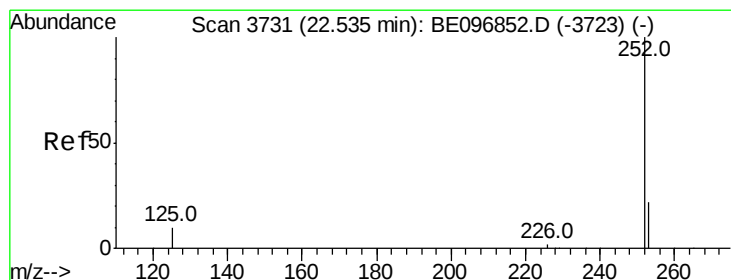
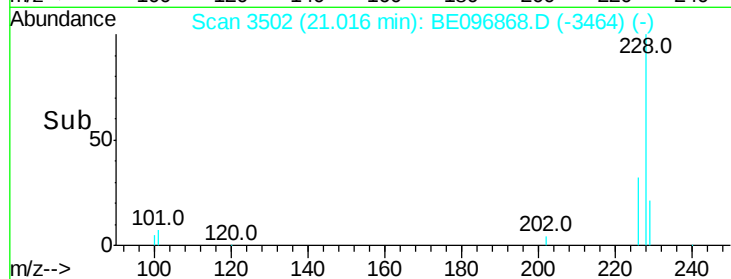
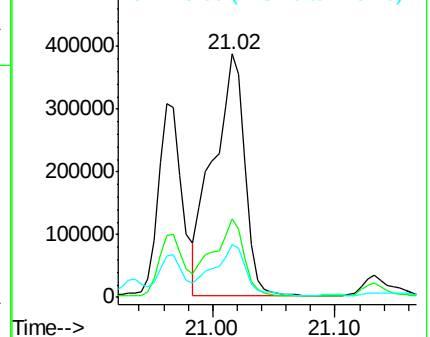
228 100

226 32.0 23.4 35.0

229 21.5 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: 14.196 ng/ul

RT: 22.72 min Scan# 3758

Delta R.T. 0.18 min

Lab File: BE096868.D

Acq: 7 Jul 2018 00:18

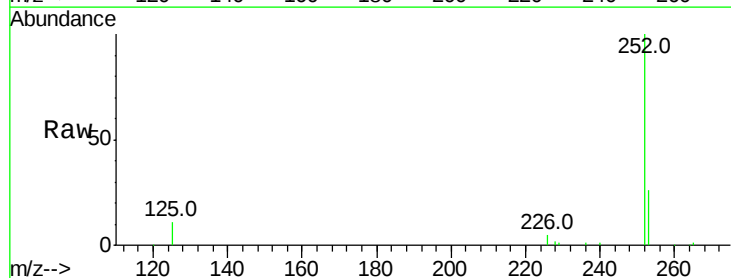
Tgt Ion:252 Resp: 187289

Ion Ratio Lower Upper

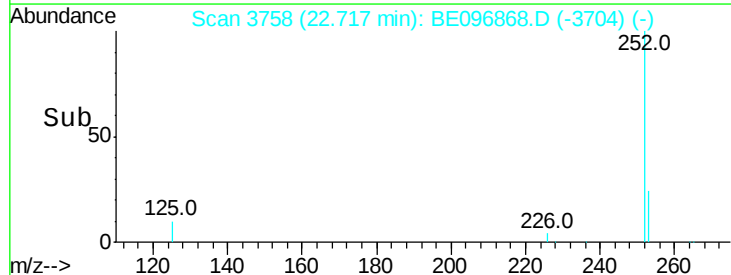
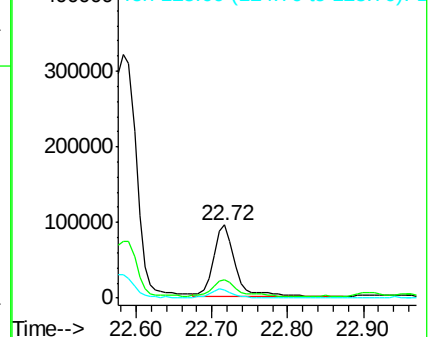
252 100

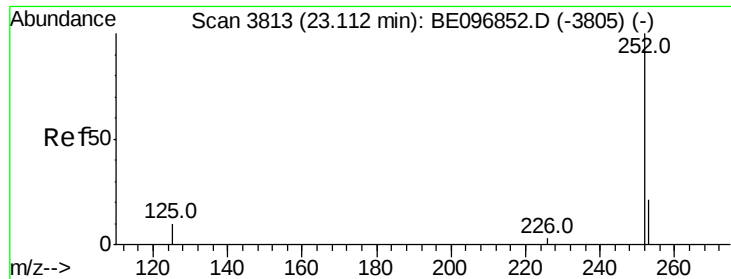
253 25.7 0.0 64.2

125 11.3 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: 0.167 ng/ul

RT: 23.37 min Scan# 3851

Delta R.T. 0.26 min

Lab File: BE096868.D

Acq: 7 Jul 2018 00:18

Instrument :

BNA_E

ClientSampleId :

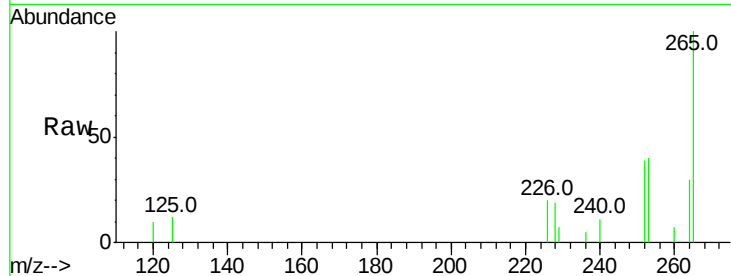
Tot Ion:252 Resp: 1860

Ion Ratio Lower Upper

252 100

253 102.1 28.5 42.7#

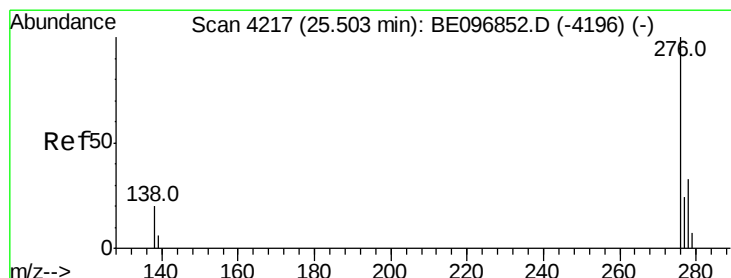
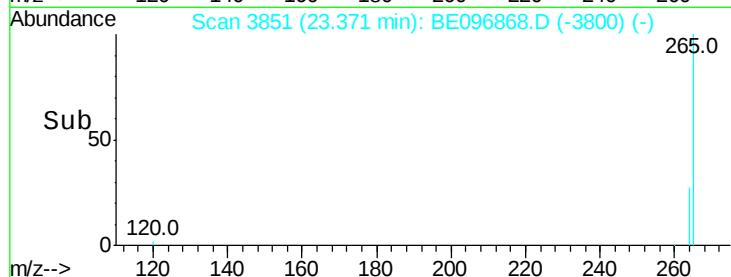
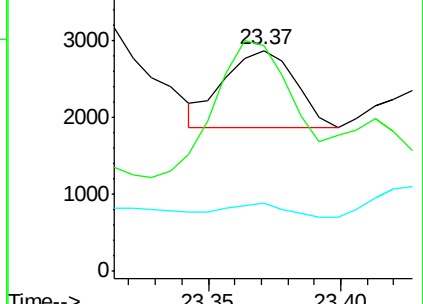
125 30.7 18.1 27.1#



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: 1.079 ng/ul

RT: 25.79 min Scan# 4297

Delta R.T. 0.28 min

Lab File: BE096868.D

Acq: 7 Jul 2018 00:18

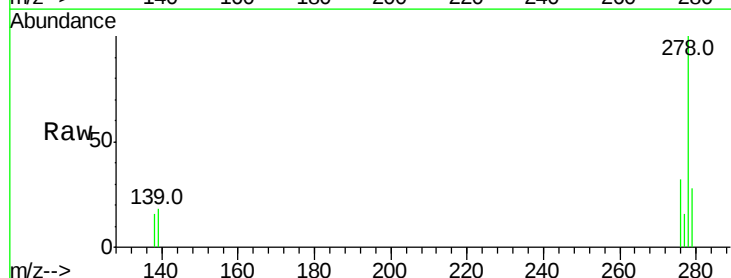
Tgt Ion:276 Resp: 12505

Ion Ratio Lower Upper

276 100

138 51.9 28.0 42.0#

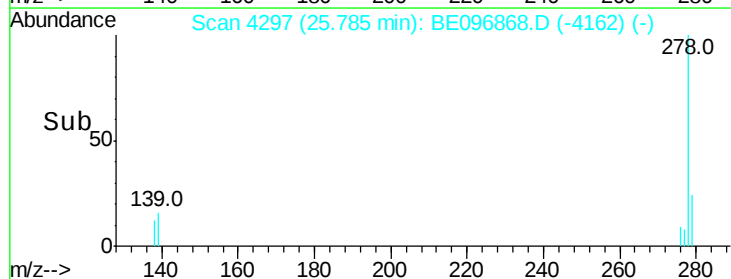
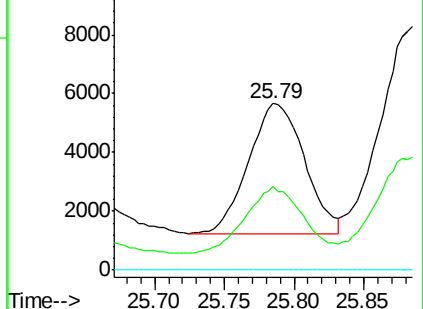
227 0.0 8.0 12.0#

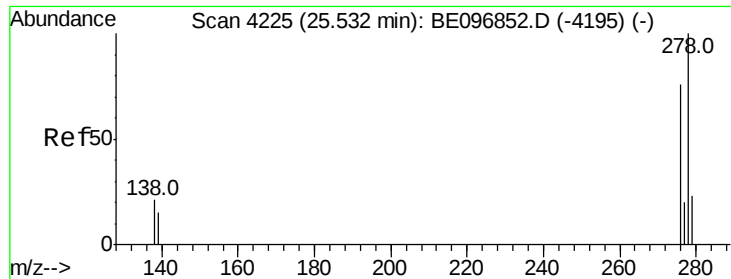


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

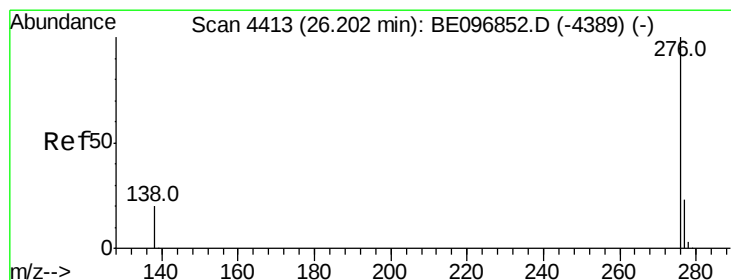
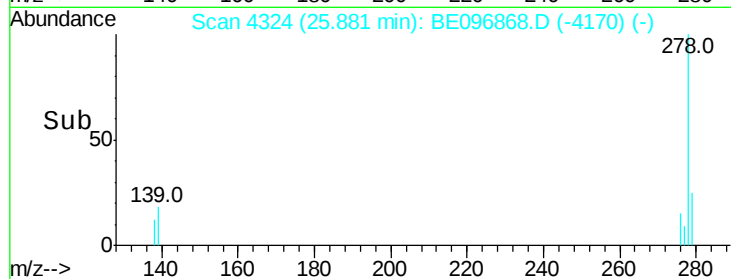
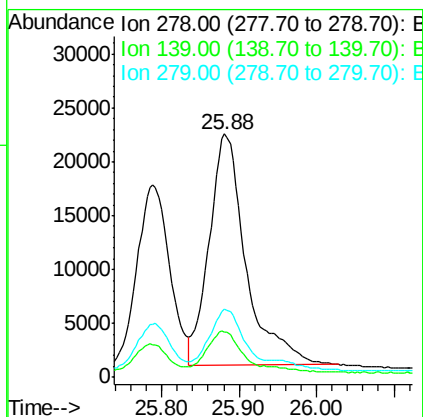
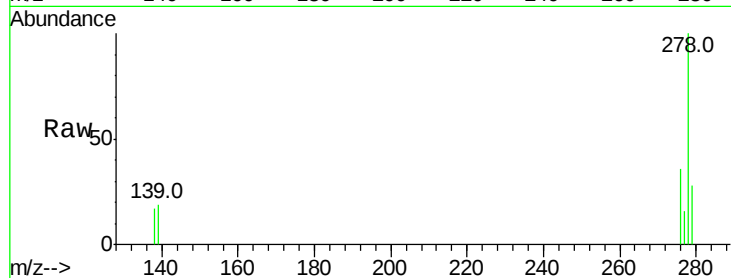




#25
Dibenzo(a,h)anthracene
Concen: 7.774 ng/ul
RT: 25.88 min Scan# 4324
Delta R.T. 0.35 min
Lab File: BE096868.D
Acq: 7 Jul 2018 00:18

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 71537
Ion Ratio Lower Upper
278 100
139 18.6 17.4 26.0
279 28.1 25.9 38.9



#26
Benzo(g,h,i)perylene
Concen: 3.280 ng/ul
RT: 26.58 min Scan# 4519
Delta R.T. 0.37 min
Lab File: BE096868.D
Acq: 7 Jul 2018 00:18

Tgt Ion:276 Resp: 36882
Ion Ratio Lower Upper
276 100
138 24.9 21.8 32.8
277 32.0 20.5 30.7#

