

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041718\
 Data File : BE096027.D
 Acq On : 17 Apr 2018 19:03
 Operator : SJ/JU
 Sample : J2313-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 18 01:22:14 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 18 01:18:08 2018
 Response via : Initial Calibration

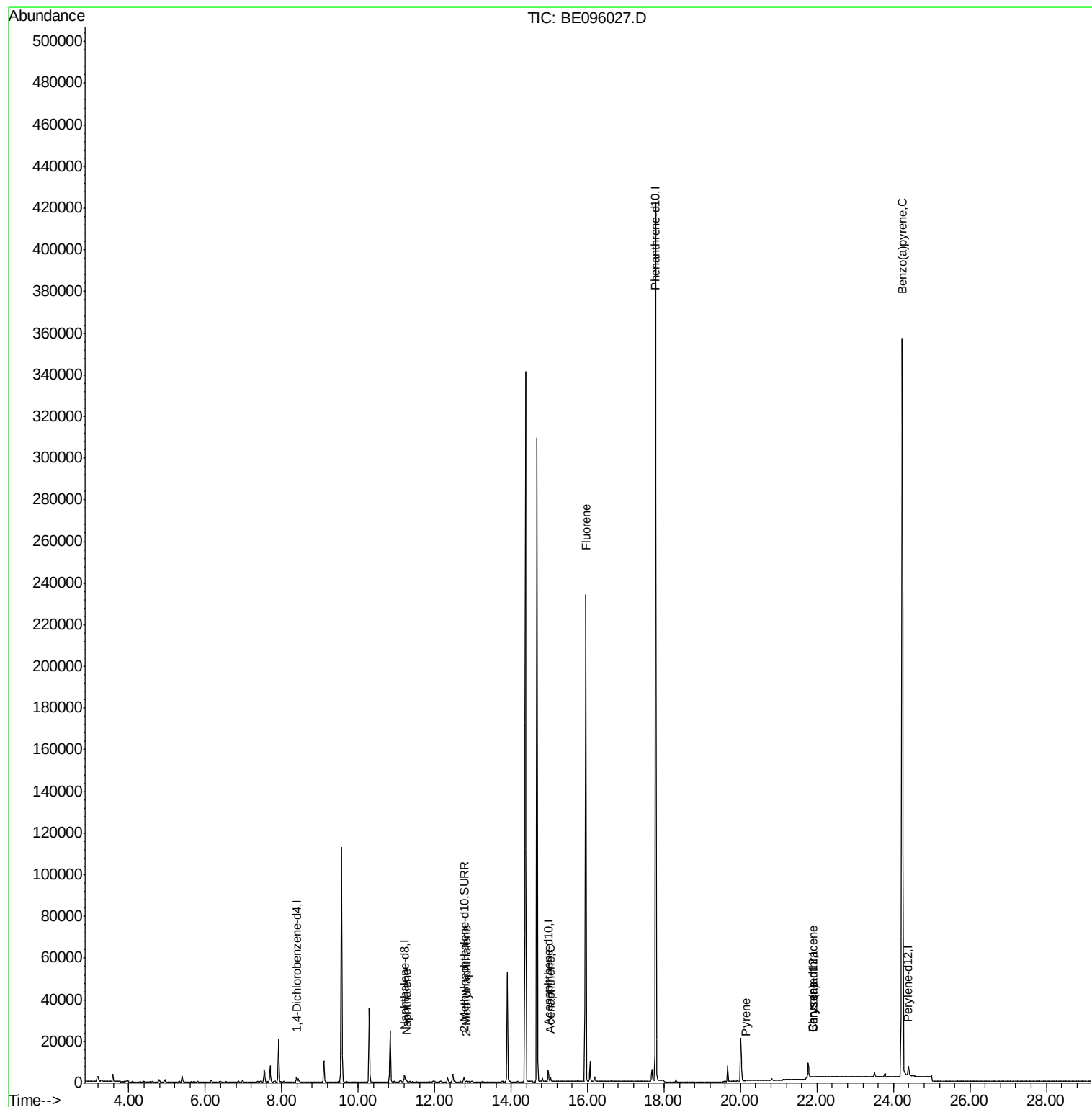
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	1816	0.40	ng/ul	0.00
2) Naphthalene-d8	11.21	136	5049	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.98	164	3073	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.78	188	508829	0.40	ng/ul	0.10
16) Chrysene-d12	21.91	240	15	0.40	ng/ul	0.13
20) Perylene-d12	24.39	264	8417	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.77	152	2783	0.30	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	11.26	128	890	0.063	ng/ul#	81
5) 2-Methylnaphthalene	12.84	142	206	0.022	ng/ul	94
8) Acenaphthene	15.03	153	2231	0.195	ng/ul#	25
9) Fluorene	15.95	166	724	0.056	ng/ul#	27
17) Pyrene	20.13	202	40	0.785	ng/ul#	34
18) Benzo(a)anthracene	21.90	228	22	0.363	ng/ul#	1
19) Chrysene	21.90	228	22	0.504	ng/ul#	1
23) Benzo(a)pyrene	24.23	252	2098	0.080	ng/ul#	55

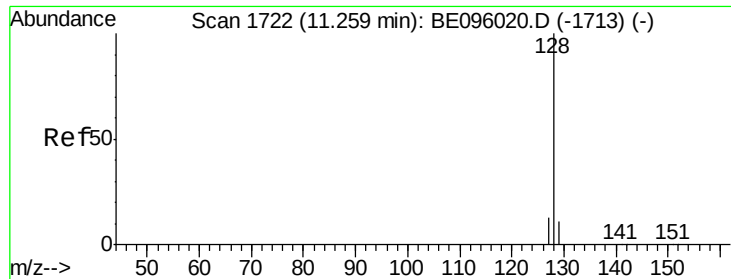
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.063 ng/ul

RT: 11.26 min Scan# 1722

Delta R.T. -0.00 min

Lab File: BE096027.D

Acq: 17 Apr 2018 19:03

Instrument :

BNA_E

ClientSampleId :

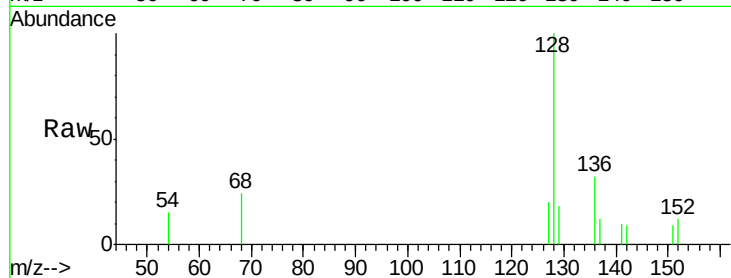
Tot Ion:128 Resp: 890

Ion Ratio Lower Upper

128 100

129 18.1 11.3 16.9#

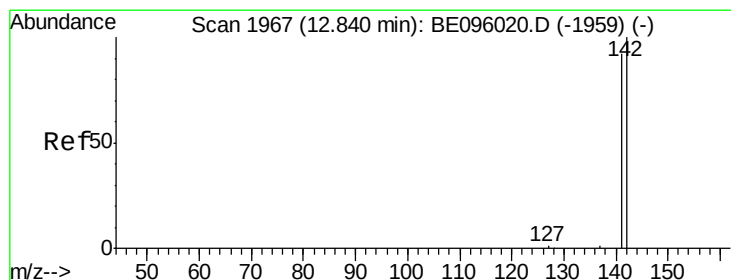
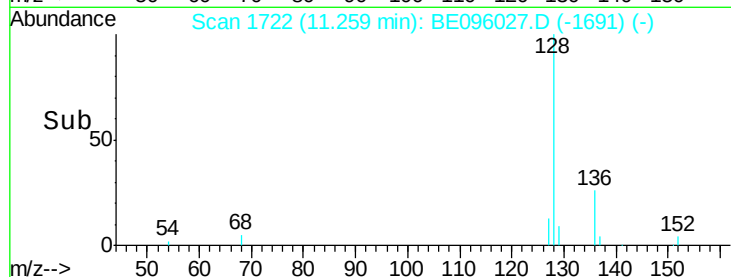
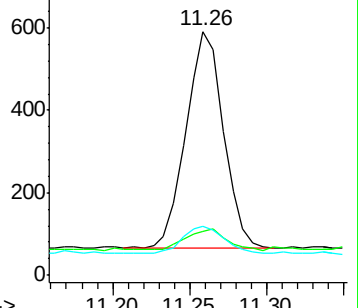
127 20.3 4.0 6.0#



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: 0.022 ng/ul

RT: 12.84 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BE096027.D

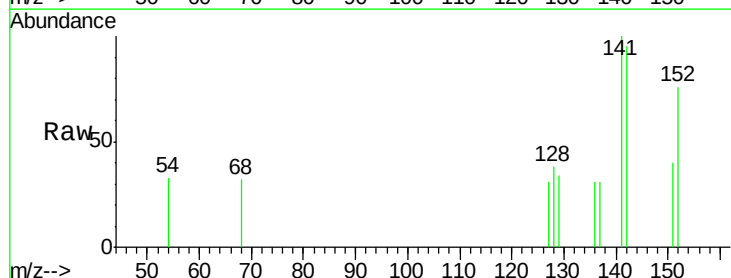
Acq: 17 Apr 2018 19:03

Tgt Ion:142 Resp: 206

Ion Ratio Lower Upper

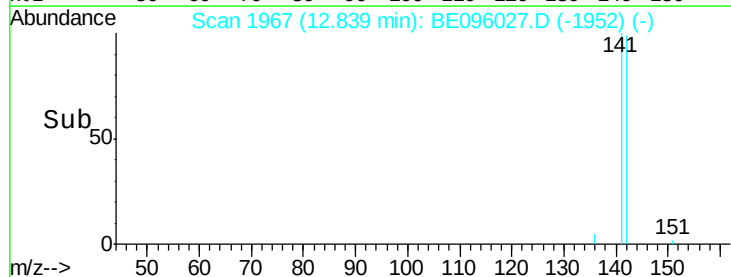
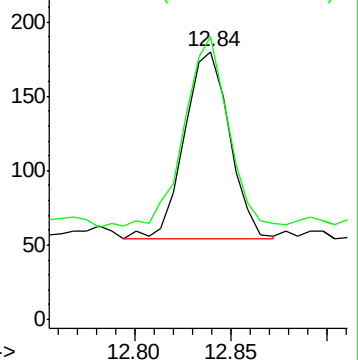
142 100

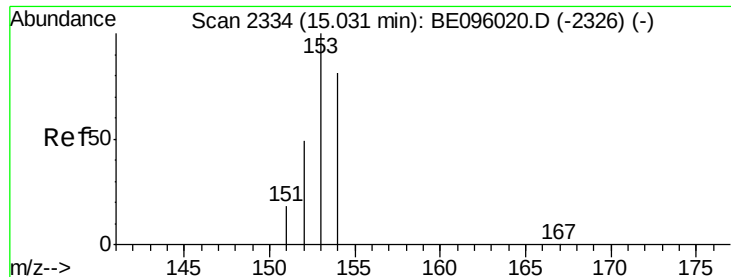
141 96.1 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.195 ng/ul

RT: 15.03 min Scan# 2334

Delta R.T. -0.00 min

Lab File: BE096027.D

Acq: 17 Apr 2018 19:03

Instrument :

BNA_E

ClientSampleId :

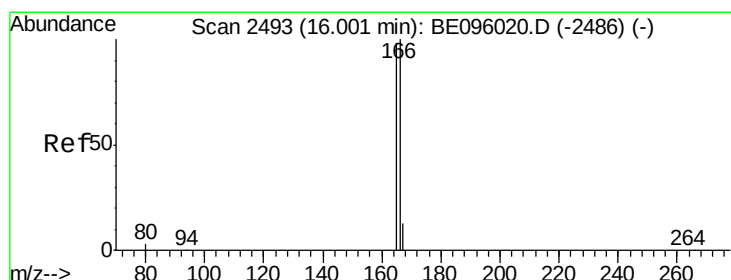
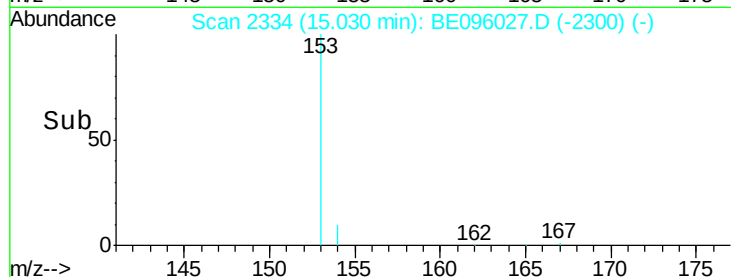
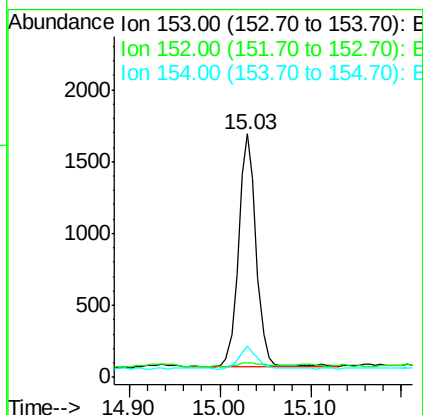
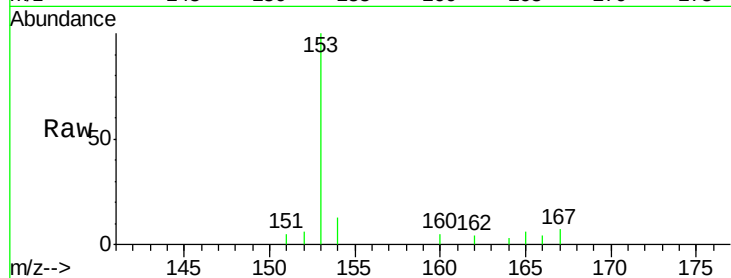
Tot Ion:153 Resp: 2231

Ion Ratio Lower Upper

153 100

152 5.8 36.0 54.0#

154 12.9 72.0 108.0#



#9

Fluorene

Concen: 0.056 ng/ul

RT: 15.95 min Scan# 2486

Delta R.T. -0.05 min

Lab File: BE096027.D

Acq: 17 Apr 2018 19:03

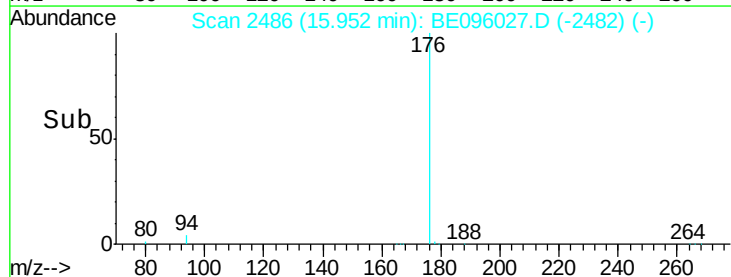
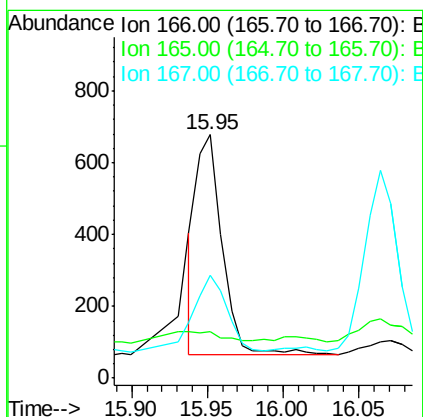
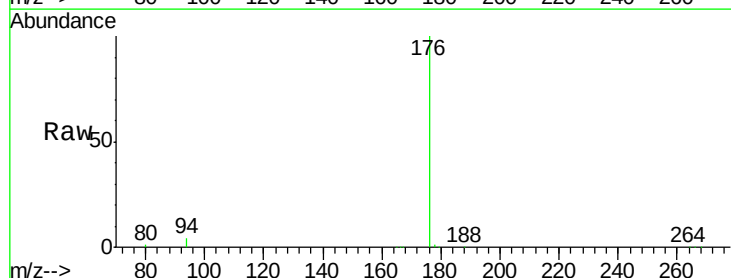
Tgt Ion:166 Resp: 724

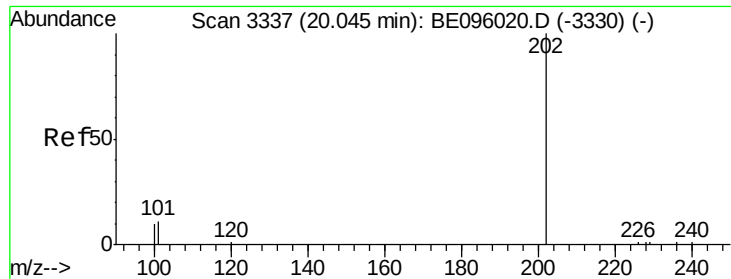
Ion Ratio Lower Upper

166 100

165 19.0 73.4 110.2#

167 42.5 14.6 22.0#





#17

Pvrene

Concen: 0.785 ng/ul

RT: 20.13 min Scan# 3354

Delta R.T. 0.09 min

Lab File: BE096027.D

Acq: 17 Apr 2018 19:03

Instrument :

BNA_E

ClientSampleId :

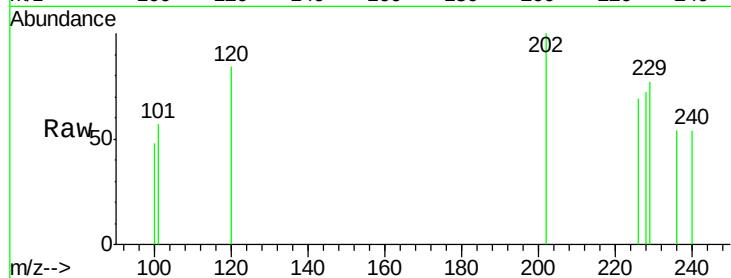
Tot Ion:202 Resp: 40

Ion Ratio Lower Upper

202 100

101 56.6 18.2 27.4#

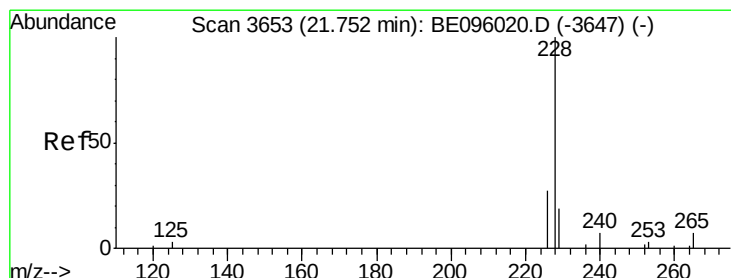
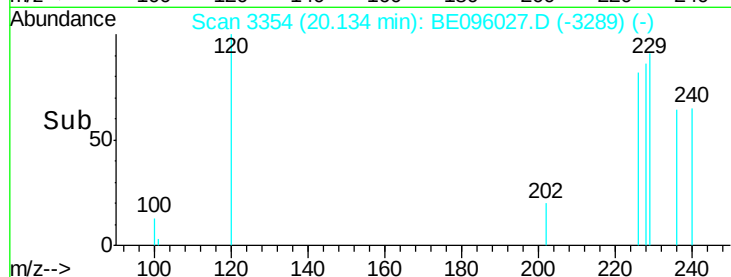
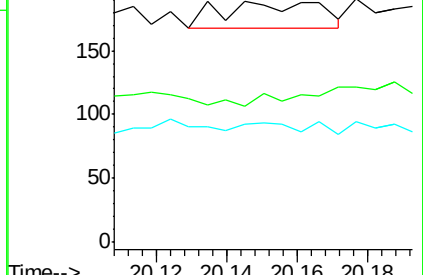
100 47.6 15.6 23.4#



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: 0.363 ng/ul

RT: 21.90 min Scan# 3674

Delta R.T. 0.15 min

Lab File: BE096027.D

Acq: 17 Apr 2018 19:03

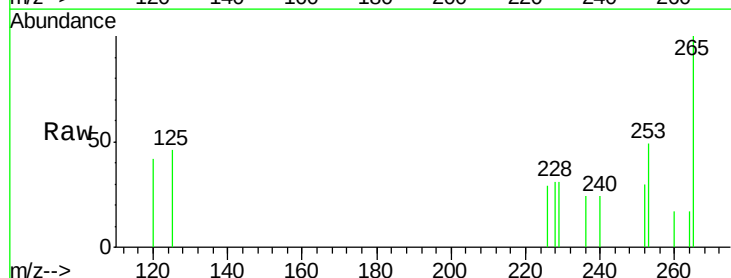
Tgt Ion:228 Resp: 22

Ion Ratio Lower Upper

228 100

229 101.4 22.8 34.2#

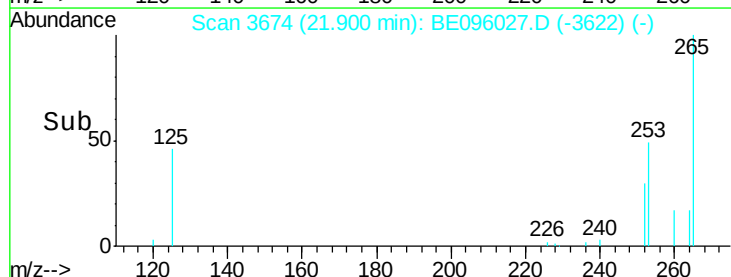
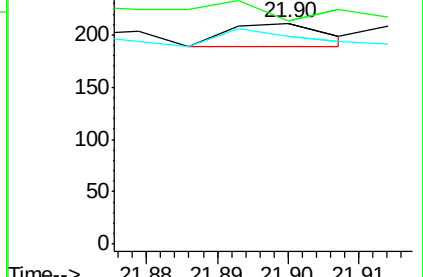
226 94.3 17.0 25.6#

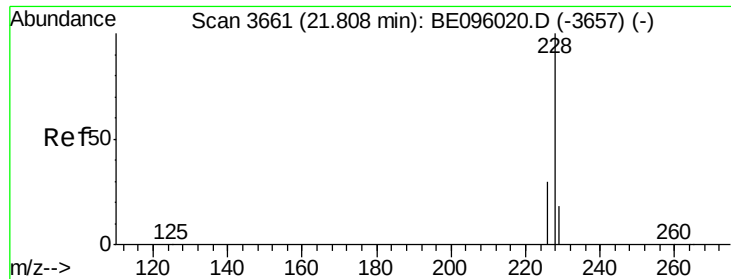


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.504 ng/ul

RT: 21.90 min Scan# 3674

Delta R.T. 0.09 min

Lab File: BE096027.D

Acq: 17 Apr 2018 19:03

Instrument :

BNA_E

ClientSampleId :

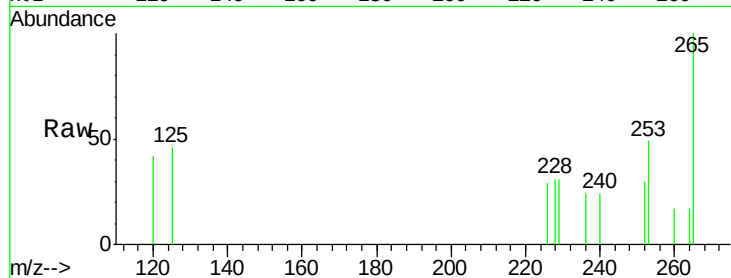
Tot Ion:228 Resp: 22

Ion Ratio Lower Upper

228 100

226 94.3 23.4 35.0#

229 101.4 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

21.90

200

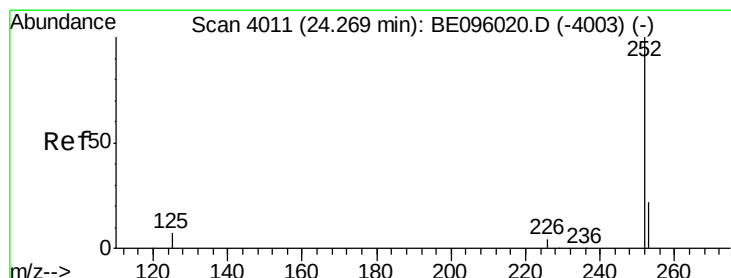
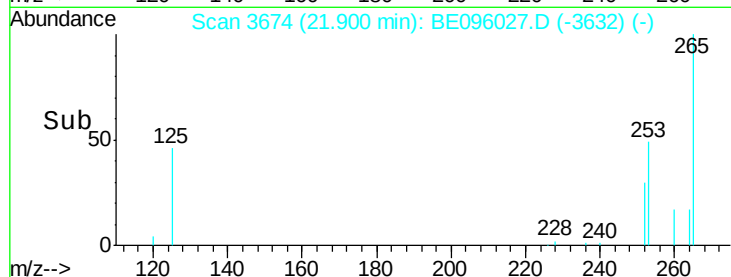
150

100

50

0

Time--> 21.88 21.89 21.90 21.91



#23

Benzo(a)pyrene

Concen: 0.080 ng/ul

RT: 24.23 min Scan# 4005

Delta R.T. -0.04 min

Lab File: BE096027.D

Acq: 17 Apr 2018 19:03

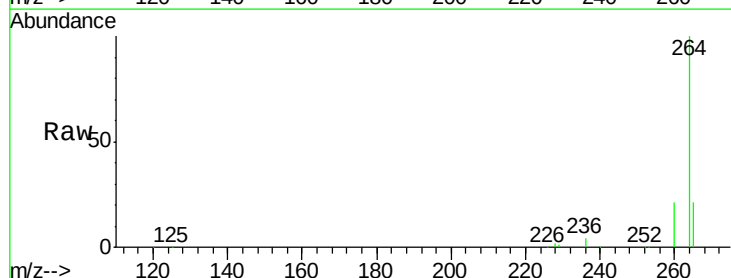
Tgt Ion:252 Resp: 2098

Ion Ratio Lower Upper

252 100

253 59.3 28.5 42.7#

125 47.9 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

24.23

1500

1000

500

0

Time--> 24.20 24.30

