

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
 Data File : BE096333.D
 Acq On : 3 May 2018 21:17
 Operator : SJ/JU
 Sample : J2440-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 04 01:56:12 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 04 01:53:25 2018
 Response via : Initial Calibration

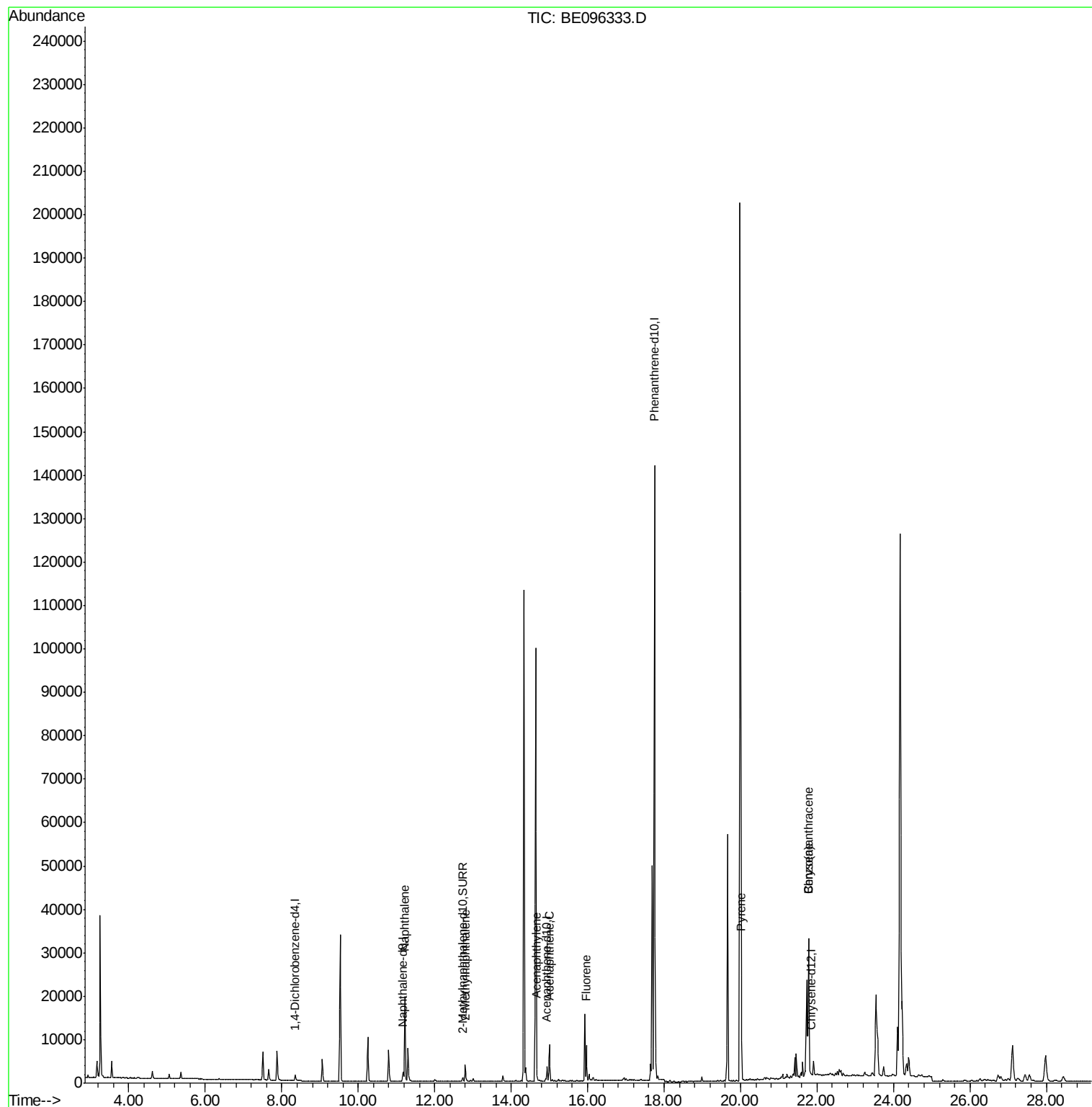
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	653	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	2816	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	1811	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.75	188	166051	0.40	ng/ul	0.10
16) Chrysene-d12	21.86	240	11	0.40	ng/ul	0.11
20) Perylene-d12	0.00	264	0	0.00	ng/ul	-24.35
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	946	0.19	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Ovalue	
3) Naphthalene	11.22	128	26262	3.393	ng/ul#	88
5) 2-Methylnaphthalene	12.80	142	3056	0.594	ng/ul	100
7) Acenaphthylene	14.67	152	829	0.088	ng/ul#	86
8) Acenaphthene	15.00	153	4790	0.706	ng/ul	93
9) Fluorene	15.97	166	6375	0.693	ng/ul#	91
17) Pyrene	20.02	202	15024	1214.214	ng/ul#	73
18) Benzo(a)anthracene	21.78	228	31914	1857.341	ng/ul#	84
19) Chrysene	21.78	228	31850	969.688	ng/ul	98

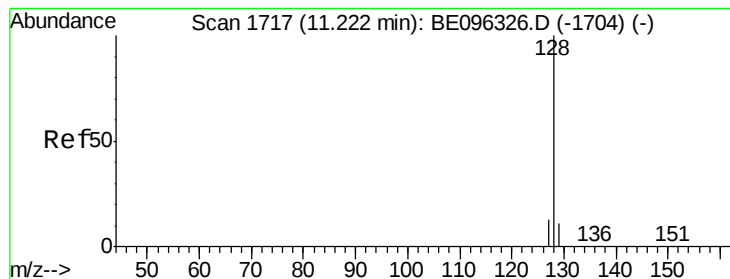
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 3.393 ng/ul

RT: 11.22 min Scan# 1717

Delta R.T. -0.00 min

Lab File: BE096333.D

Acq: 3 May 2018 21:17

Instrument :

BNA_E

ClientSampleId :

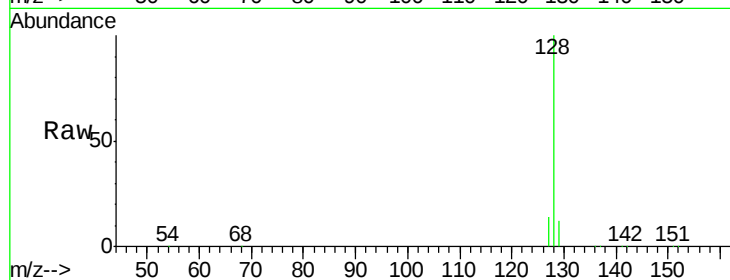
Tot Ion:128 Resp: 26262

Ion Ratio Lower Upper

128 100

129 11.5 11.3 16.9

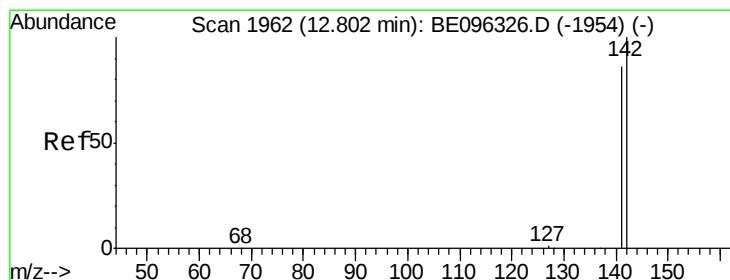
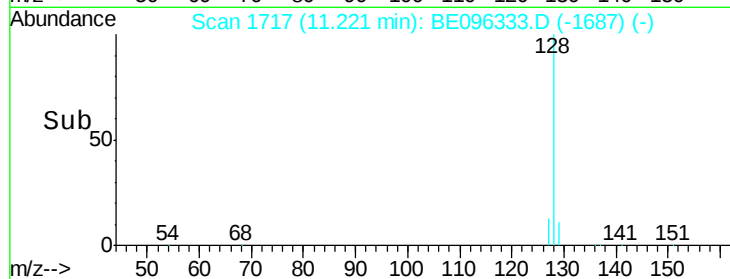
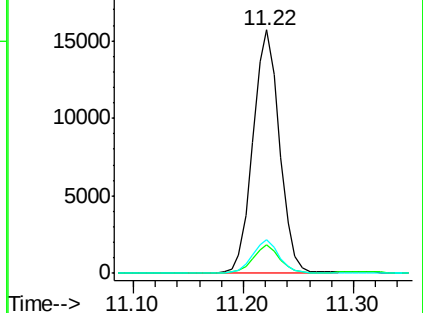
127 13.6 4.0 6.0#



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: 0.594 ng/ul

RT: 12.80 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BE096333.D

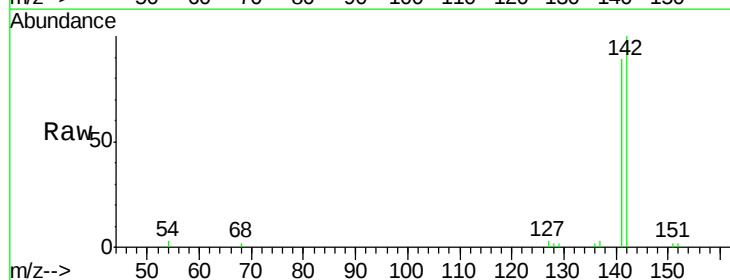
Acq: 3 May 2018 21:17

Tgt Ion:142 Resp: 3056

Ion Ratio Lower Upper

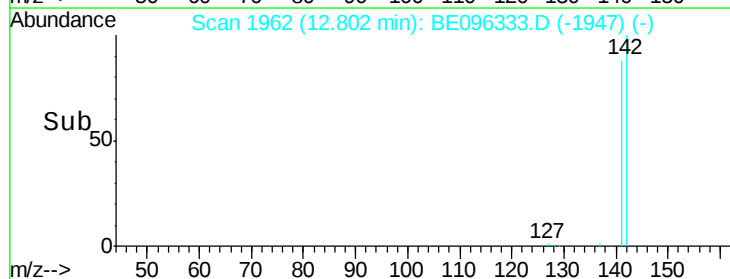
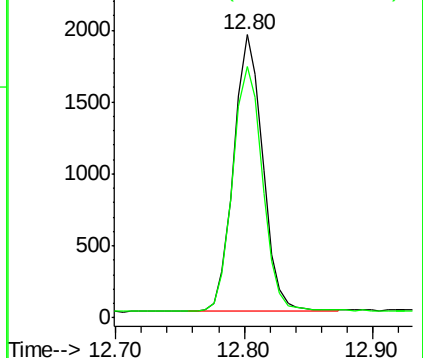
142 100

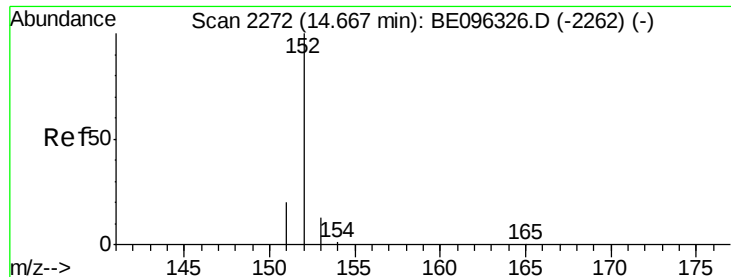
141 91.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.088 ng/ul

RT: 14.67 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BE096333.D

Acq: 3 May 2018 21:17

Instrument :

BNA_E

ClientSampleId :

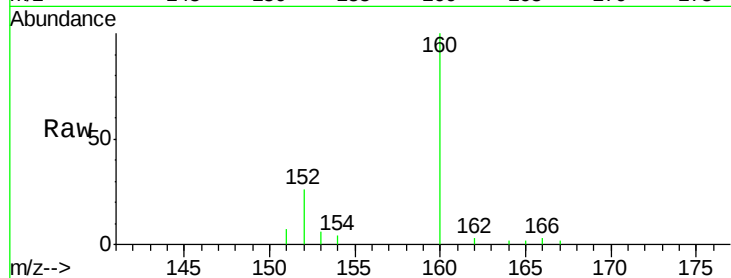
Tot Ion:152 Resp: 829

Ion Ratio Lower Upper

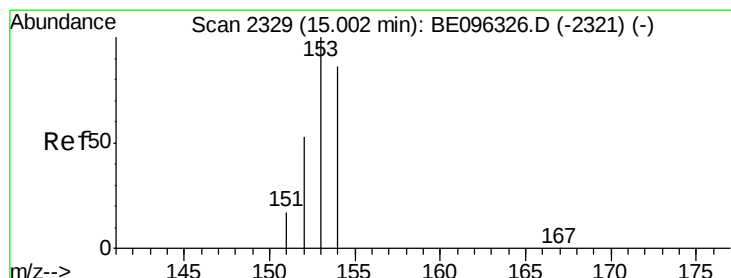
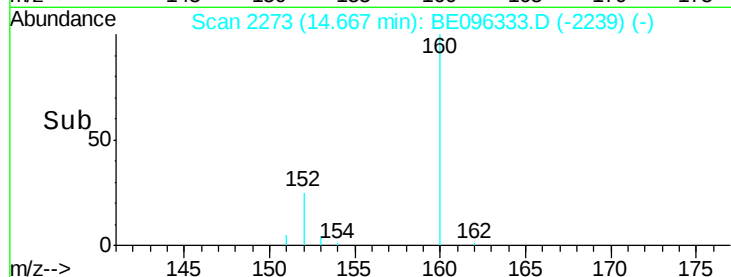
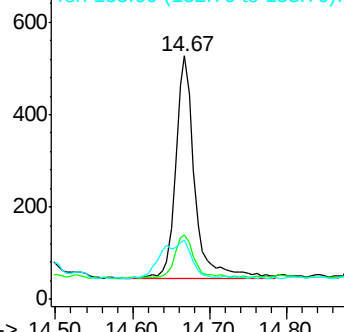
152 100

151 26.6 17.1 25.7#

153 24.1 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: 0.706 ng/ul

RT: 15.00 min Scan# 2330

Delta R.T. 0.00 min

Lab File: BE096333.D

Acq: 3 May 2018 21:17

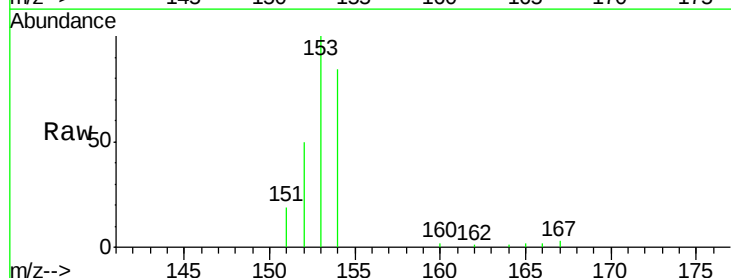
Tgt Ion:153 Resp: 4790

Ion Ratio Lower Upper

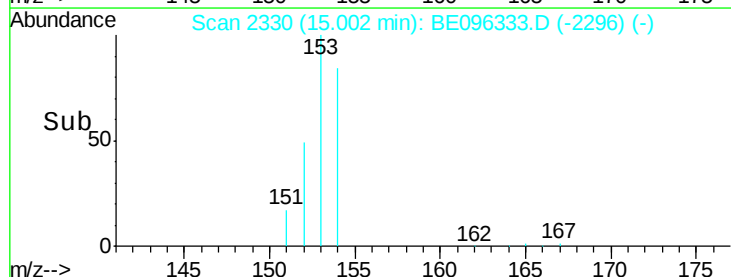
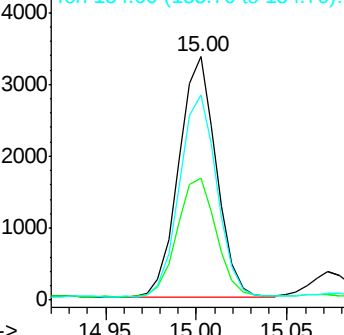
153 100

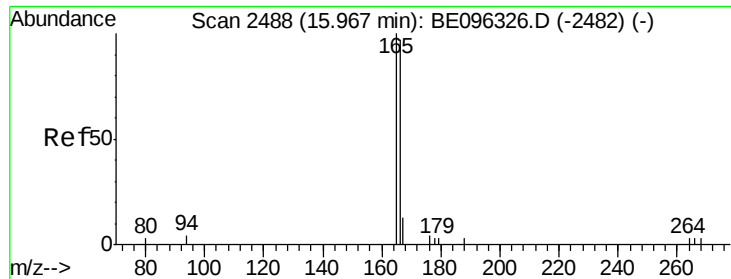
152 50.3 36.0 54.0

154 84.1 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: 0.693 ng/ul

RT: 15.97 min Scan# 2489

Delta R.T. -0.00 min

Lab File: BE096333.D

Acq: 3 May 2018 21:17

Instrument :

BNA_E

ClientSampleId :

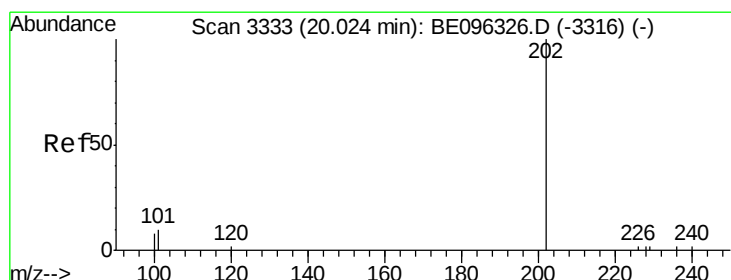
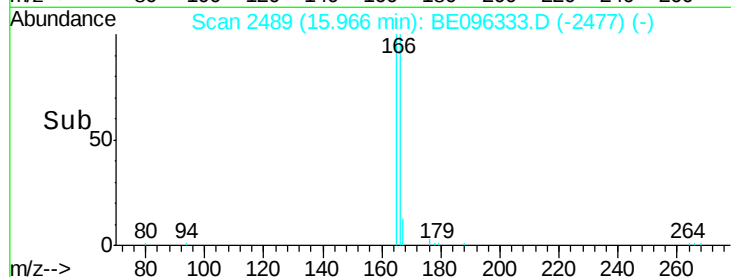
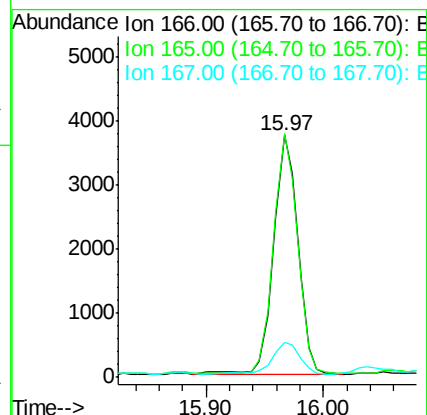
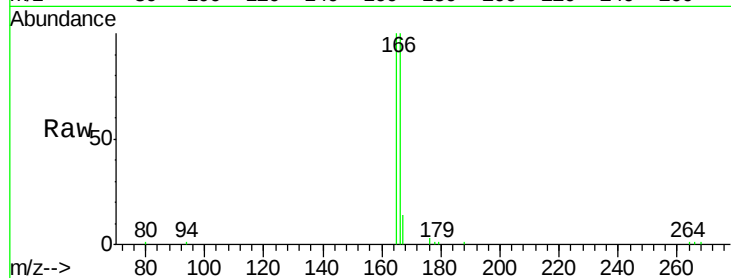
Tot Ion:166 Resp: 6375

Ion Ratio Lower Upper

166 100

165 100.5 73.4 110.2

167 14.5 14.6 22.0#



#17

Pyrene

Concen: 1214.214 ng/ul

RT: 20.02 min Scan# 3334

Delta R.T. -0.00 min

Lab File: BE096333.D

Acq: 3 May 2018 21:17

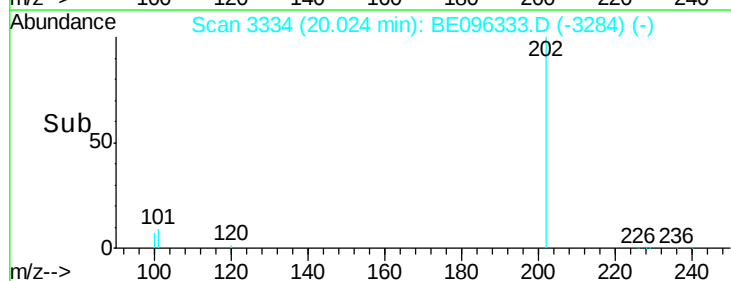
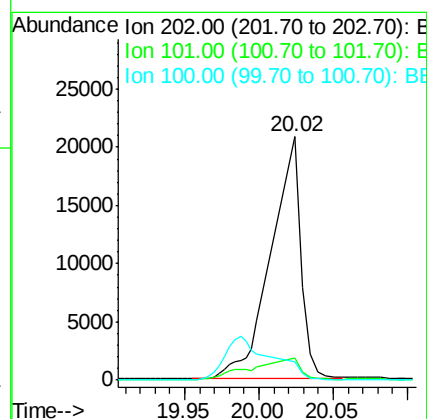
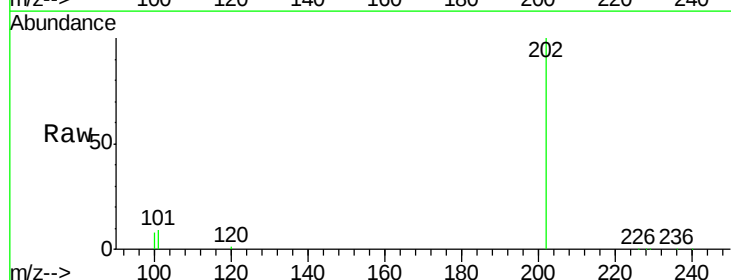
Tgt Ion:202 Resp: 15024

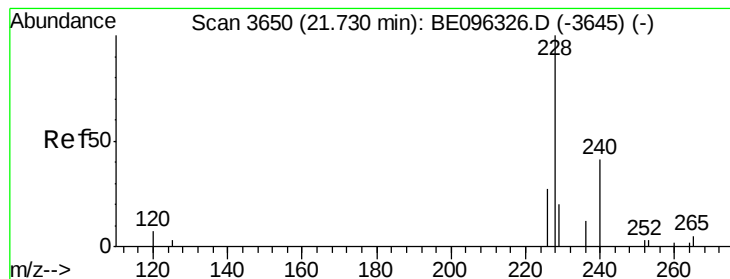
Ion Ratio Lower Upper

202 100

101 9.1 18.2 27.4#

100 7.7 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 1857.341 ng/ul

RT: 21.78 min Scan# 3658

Delta R.T. 0.05 min

Lab File: BE096333.D

Acq: 3 May 2018 21:17

Instrument :

BNA_E

ClientSampleId :

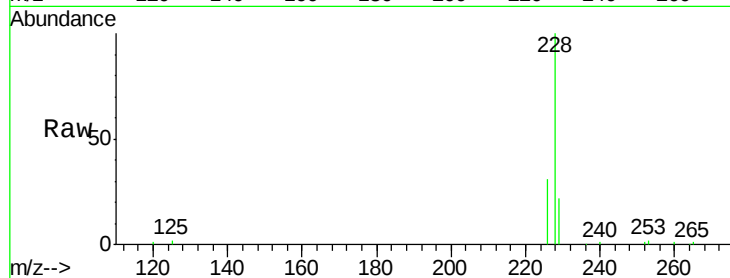
Tot Ion:228 Resp: 31914

Ion Ratio Lower Upper

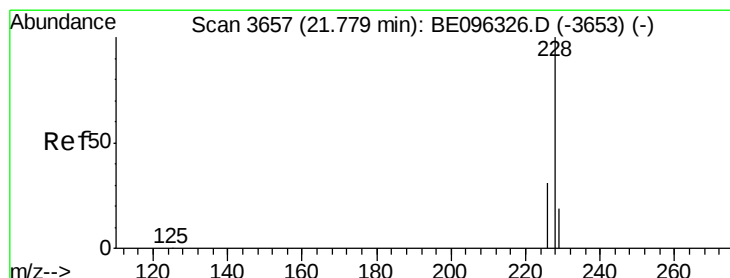
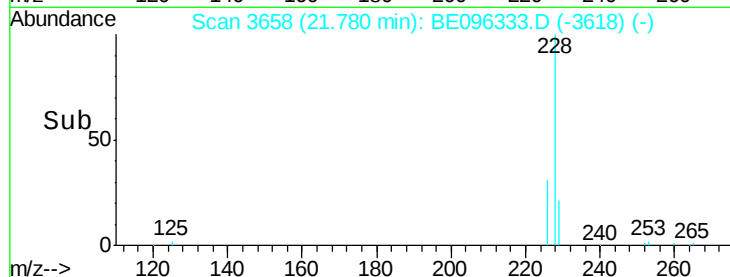
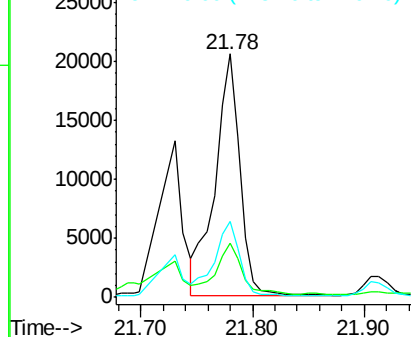
228 100

229 22.2 22.8 34.2#

226 31.2 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: 969.688 ng/ul

RT: 21.78 min Scan# 3658

Delta R.T. 0.00 min

Lab File: BE096333.D

Acq: 3 May 2018 21:17

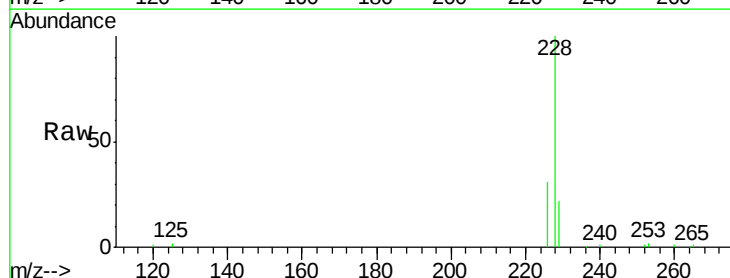
Tgt Ion:228 Resp: 31850

Ion Ratio Lower Upper

228 100

226 31.2 23.4 35.0

229 22.2 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

