

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042018\
 Data File : BE096068.D
 Acq On : 21 Apr 2018 7:46
 Operator : SJ/JU
 Sample : J2434-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD3

Quant Time: Apr 23 01:09:45 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 01:07:45 2018
 Response via : Initial Calibration

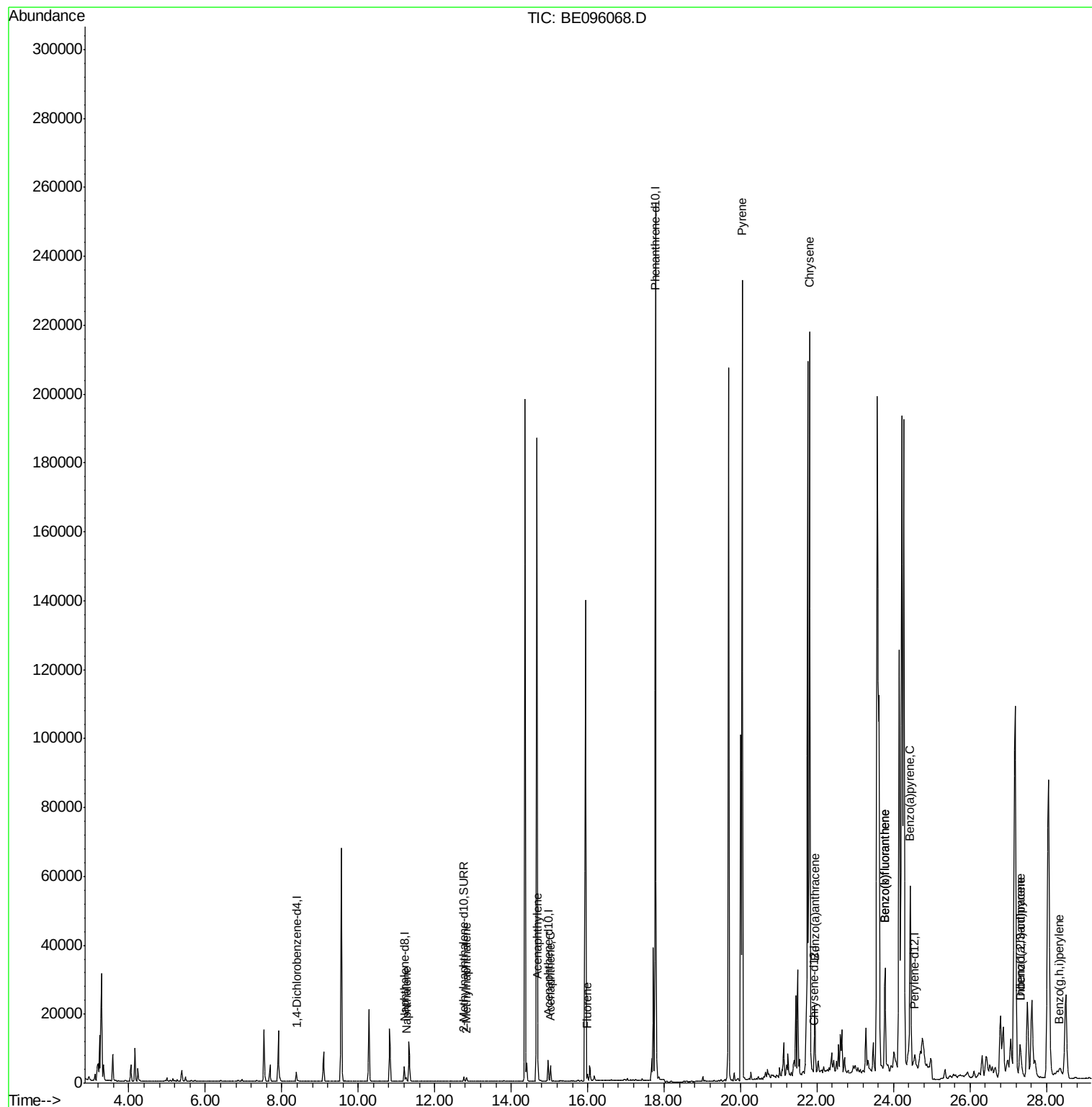
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	2017	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	5724	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	3329	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.77	188	290290	0.40	ng/ul	0.10
16) Chrysene-d12	21.91	240	166	0.40	ng/ul	0.14
20) Perylene-d12	24.55	264	928	0.40	ng/ul	0.17
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.76	152	1651	0.15	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Ovalue	
3) Naphthalene	11.25	128	1457	0.091	ng/ul#	84
5) 2-Methylnaphthalene	12.83	142	876	0.081	ng/ul	98
7) Acenaphthylene	14.70	152	3608	0.209	ng/ul	98
8) Acenaphthene	15.03	153	2706	0.219	ng/ul	96
9) Fluorene	15.99	166	1296	0.093	ng/ul	91
17) Pyrene	20.04	202	246738	437.421	ng/ul#	78
18) Benzo(a)anthracene	21.94	228	16022	23.891	ng/ul#	53
19) Chrysene	21.81	228	220083	455.966	ng/ul	98
21) Benzo(b)fluoranthene	23.78	252	40997	13.652	ng/ul	92
22) Benzo(k)fluoranthene	23.78	252	41078	13.731	ng/ul#	94
23) Benzo(a)pyrene	24.44	252	78353	27.040	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	27.31	276	5340	1.658	ng/ul#	78
25) Dibenzo(a,h)anthracene	27.31	278	16202	6.248	ng/ul	97
26) Benzo(g,h,i)perylene	28.34	276	1974	0.734	ng/ul#	18

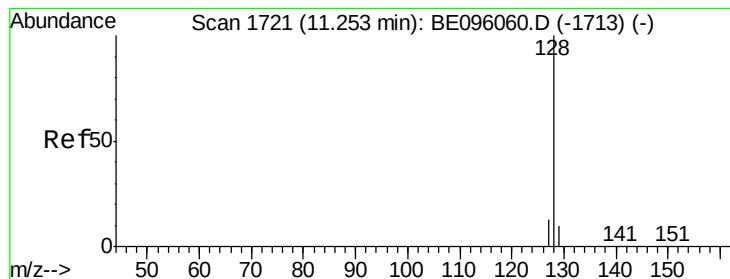
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.091 ng/ul

RT: 11.25 min Scan# 1722

Delta R.T. 0.00 min

Lab File: BE096068.D

Acq: 21 Apr 2018 7:46

Instrument :

BNA_E

ClientSampleId :

C0AD3

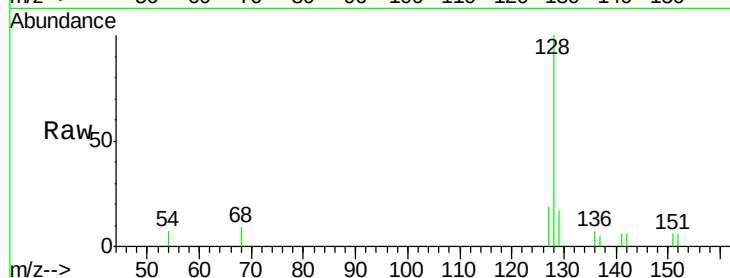
Tot Ion:128 Resp: 1457

Ion Ratio Lower Upper

128 100

129 17.2 11.3 16.9#

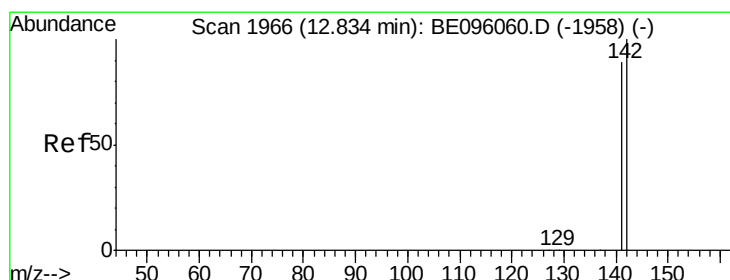
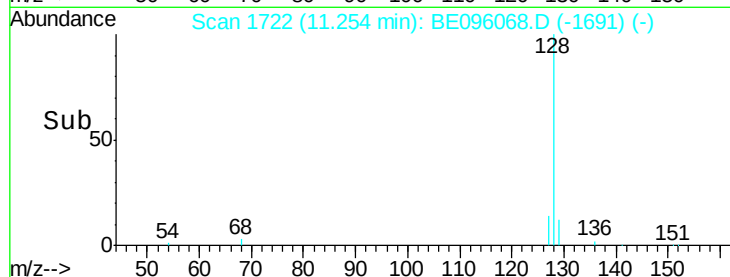
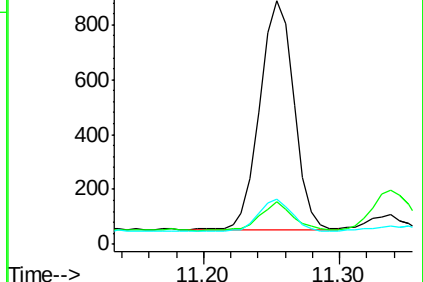
127 18.7 4.0 6.0#



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: 0.081 ng/ul

RT: 12.83 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BE096068.D

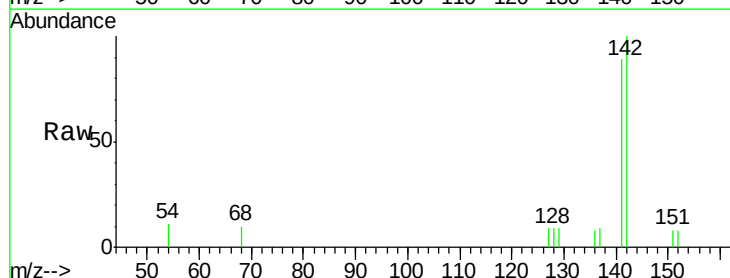
Acq: 21 Apr 2018 7:46

Tgt Ion:142 Resp: 876

Ion Ratio Lower Upper

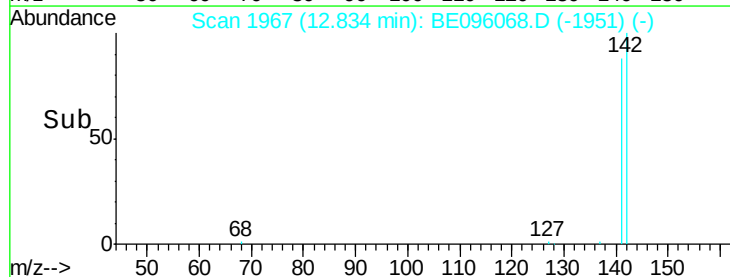
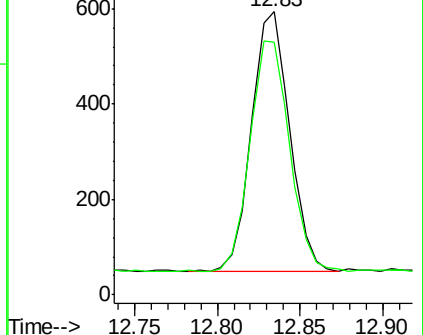
142 100

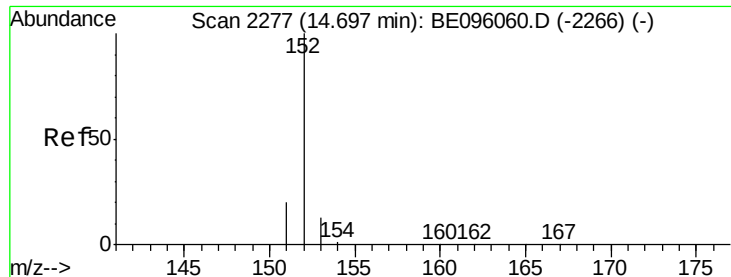
141 92.2 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.209 ng/ul

RT: 14.70 min Scan# 2278

Delta R.T. 0.00 min

Lab File: BE096068.D

Acq: 21 Apr 2018 7:46

Instrument :

BNA_E

ClientSampleId :

C0AD3

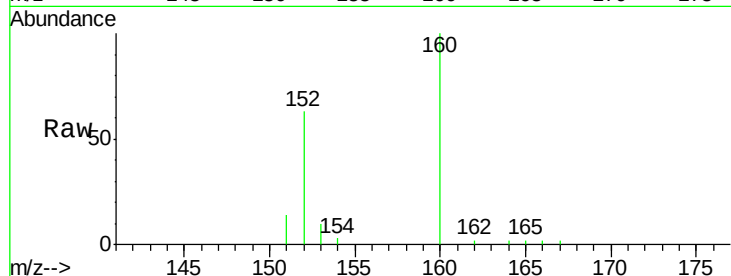
Tot Ion:152 Resp: 3608

Ion Ratio Lower Upper

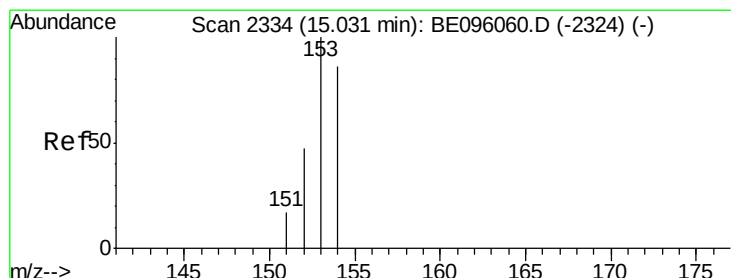
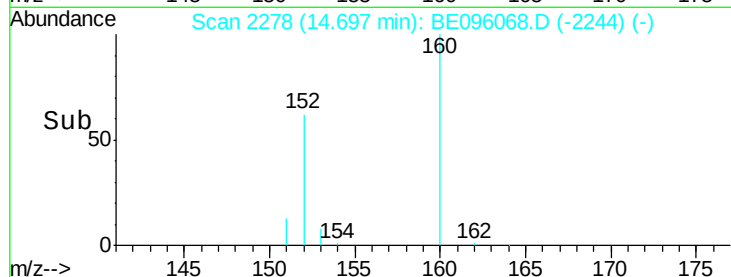
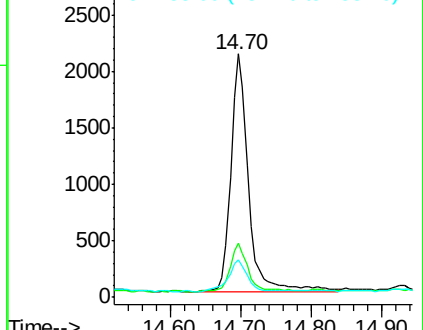
152 100

151 22.2 17.1 25.7

153 15.4 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: 0.219 ng/ul

RT: 15.03 min Scan# 2335

Delta R.T. 0.00 min

Lab File: BE096068.D

Acq: 21 Apr 2018 7:46

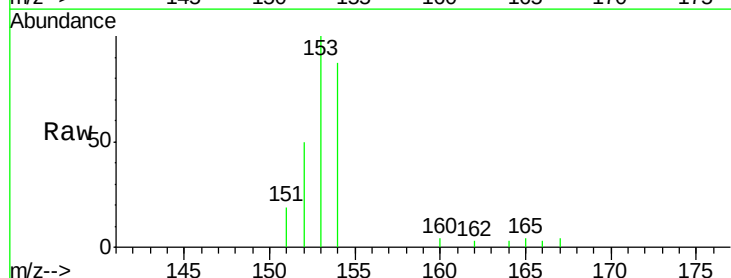
Tgt Ion:153 Resp: 2706

Ion Ratio Lower Upper

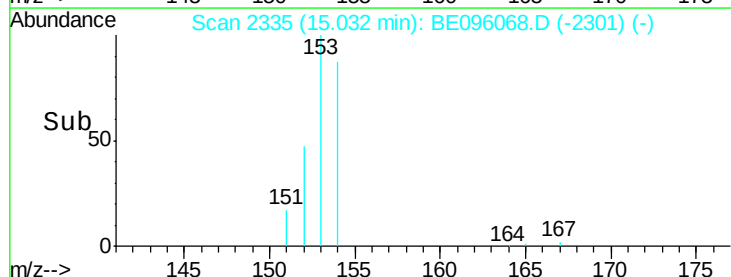
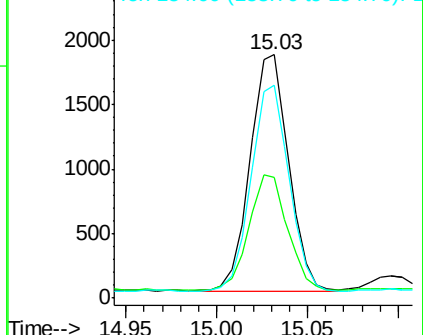
153 100

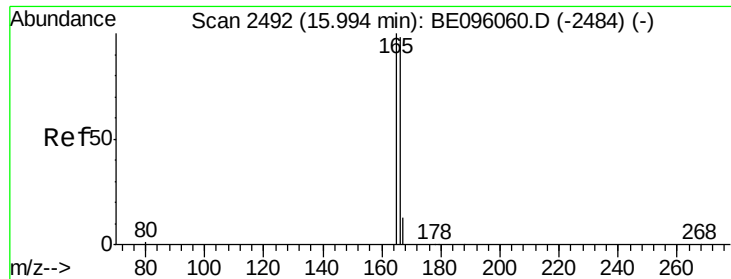
152 49.7 36.0 54.0

154 87.3 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: 0.093 ng/ul

RT: 15.99 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BE096068.D

Acq: 21 Apr 2018 7:46

Instrument :

BNA_E

ClientSampleId :

C0AD3

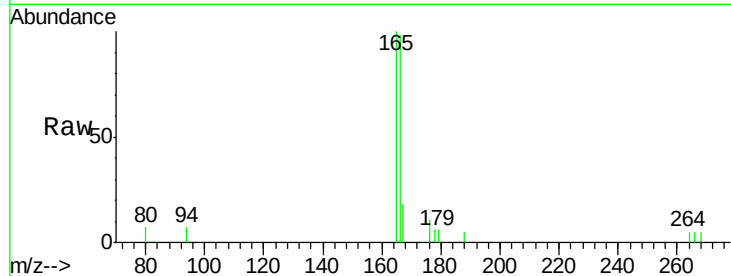
Tot Ion:166 Resp: 1296

Ion Ratio Lower Upper

166 100

165 102.2 73.4 110.2

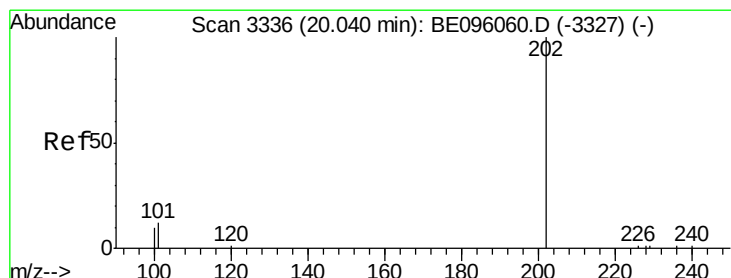
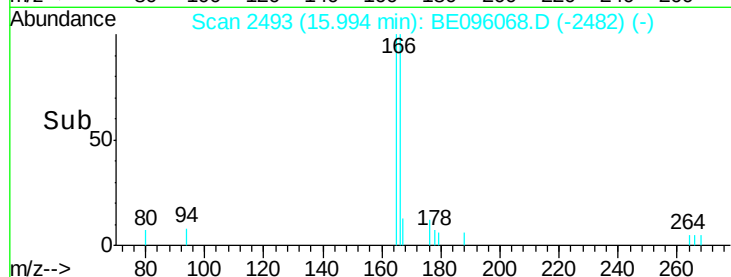
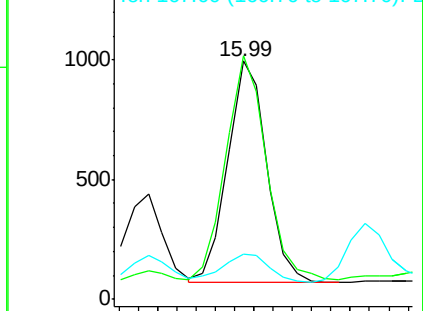
167 18.9 14.6 22.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#17

Pyrene

Concen: 437.421 ng/ul

RT: 20.04 min Scan# 3338

Delta R.T. 0.00 min

Lab File: BE096068.D

Acq: 21 Apr 2018 7:46

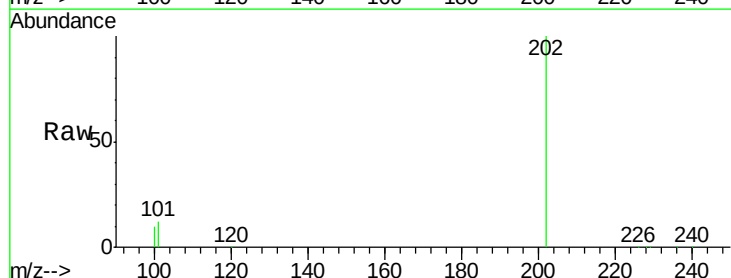
Tgt Ion:202 Resp: 246738

Ion Ratio Lower Upper

202 100

101 11.6 18.2 27.4#

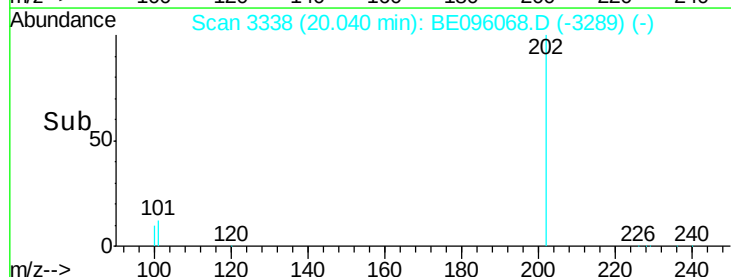
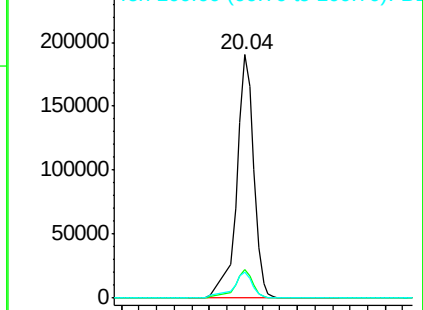
100 10.5 15.6 23.4#

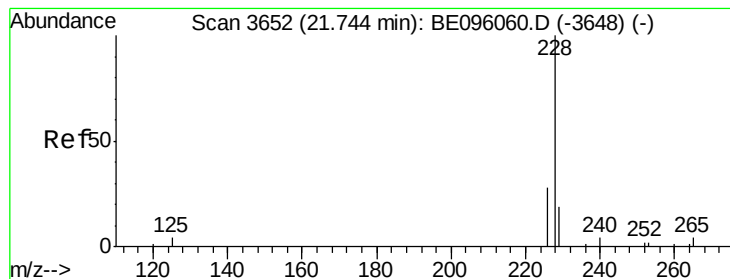


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#18

Benzo(a)anthracene

Concen: 23.891 ng/ul

RT: 21.94 min Scan# 3682

Delta R.T. 0.20 min

Lab File: BE096068.D

Acq: 21 Apr 2018 7:46

Instrument :

BNA_E

ClientSampleId :

C0AD3

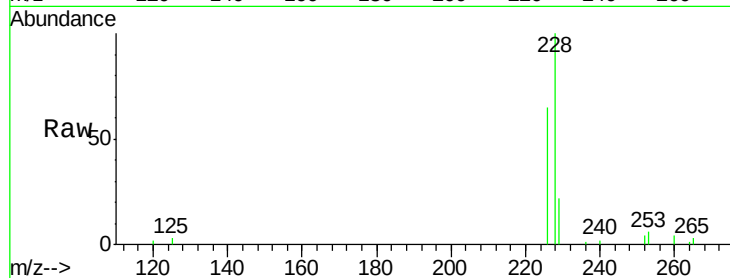
Tot Ion:228 Resp: 16022

Ion Ratio Lower Upper

228 100

229 22.2 22.8 34.2#

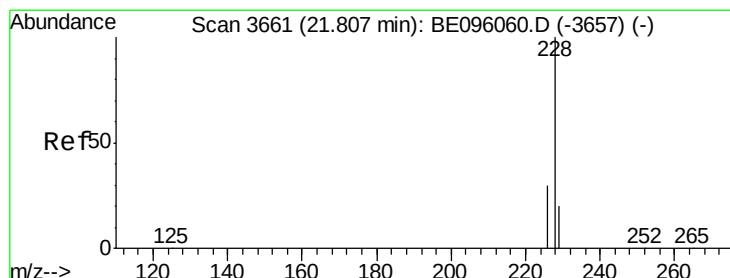
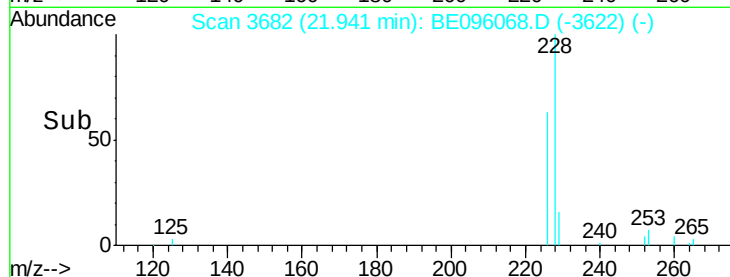
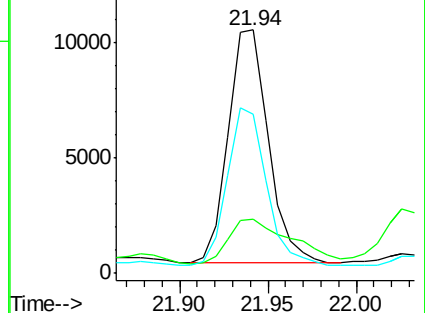
226 65.5 17.0 25.6#



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: 455.966 ng/ul

RT: 21.81 min Scan# 3663

Delta R.T. 0.00 min

Lab File: BE096068.D

Acq: 21 Apr 2018 7:46

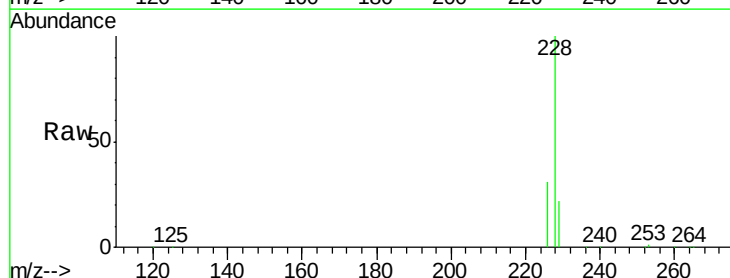
Tgt Ion:228 Resp: 220083

Ion Ratio Lower Upper

228 100

226 30.8 23.4 35.0

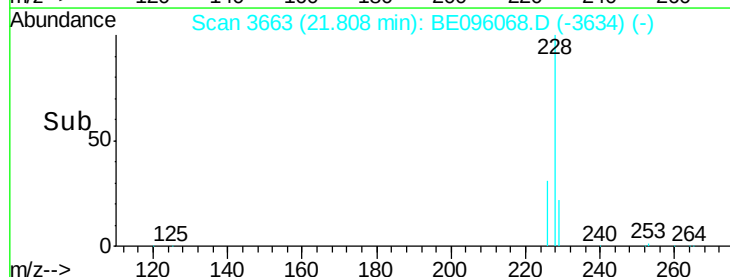
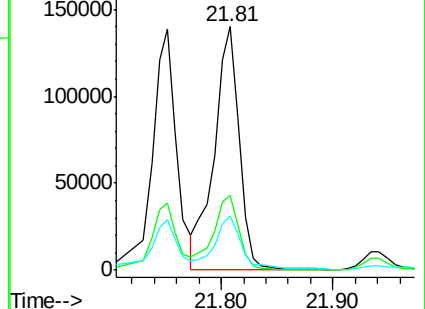
229 22.4 17.7 26.5

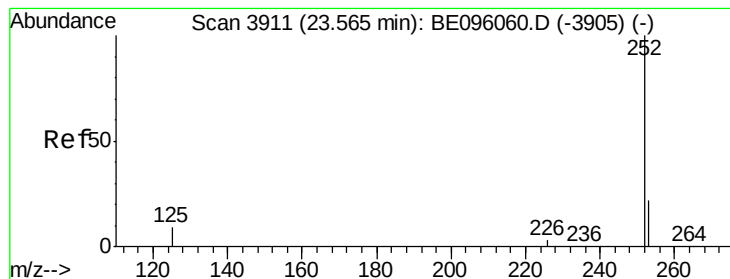


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 13.652 ng/ul

RT: 23.78 min Scan# 3943

Delta R.T. 0.21 min

Lab File: BE096068.D

Acq: 21 Apr 2018 7:46

Instrument :

BNA_E

ClientSampleId :

C0AD3

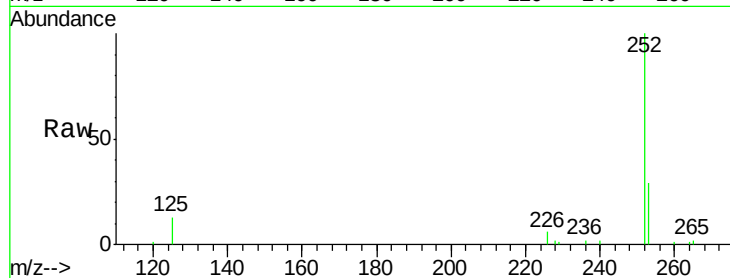
Tot Ion:252 Resp: 40997

Ion Ratio Lower Upper

252 100

253 28.7 0.0 64.2

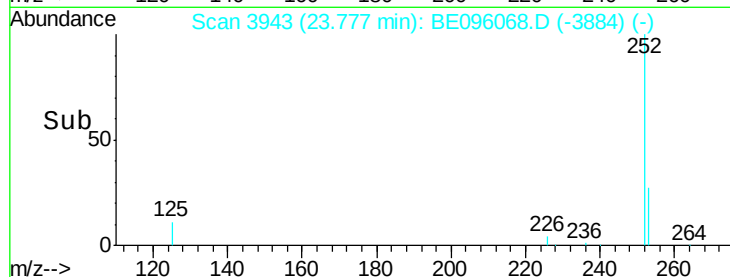
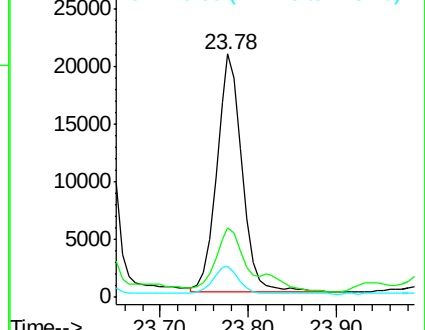
125 12.7 0.0 35.0



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



#22

Benzo(k)fluoranthene

Concen: 13.731 ng/ul

RT: 23.78 min Scan# 3943

Delta R.T. 0.16 min

Lab File: BE096068.D

Acq: 21 Apr 2018 7:46

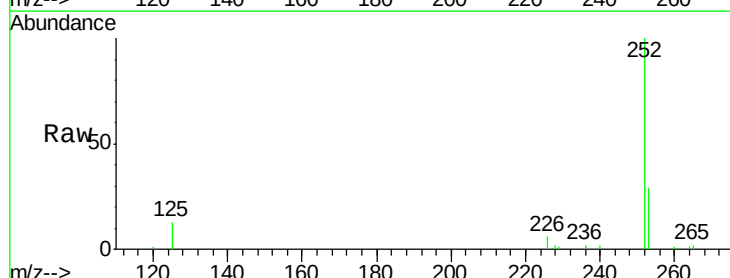
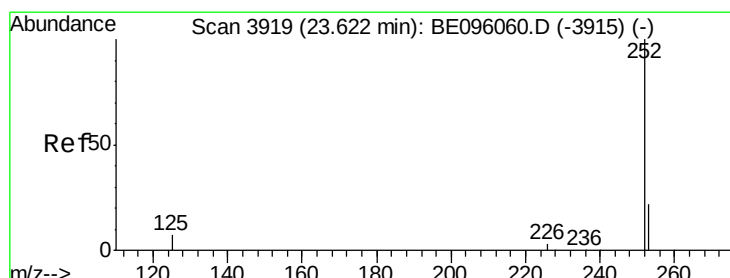
Tgt Ion:252 Resp: 41078

Ion Ratio Lower Upper

252 100

253 28.7 24.5 36.7

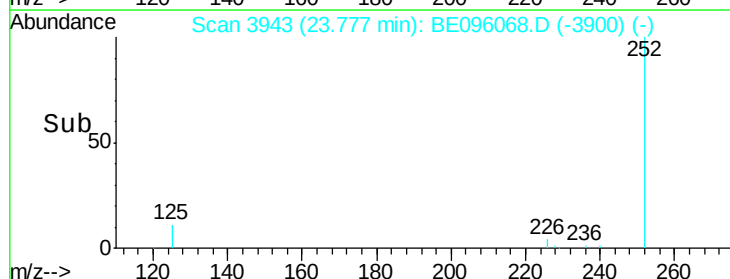
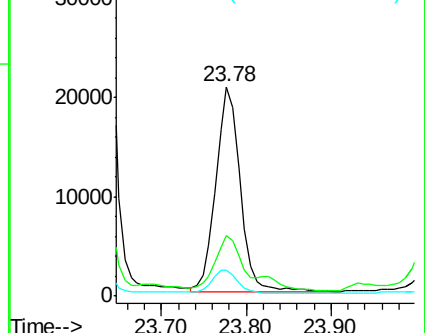
125 12.7 13.7 20.5#

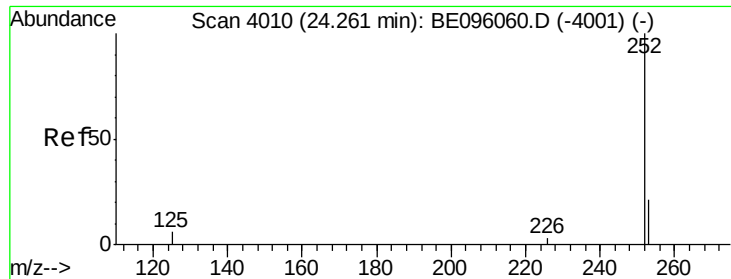


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 27.040 ng/ul

RT: 24.44 min Scan# 4037

Delta R.T. 0.18 min

Lab File: BE096068.D

Acq: 21 Apr 2018 7:46

Instrument :

BNA_E

ClientSampleId :

C0AD3

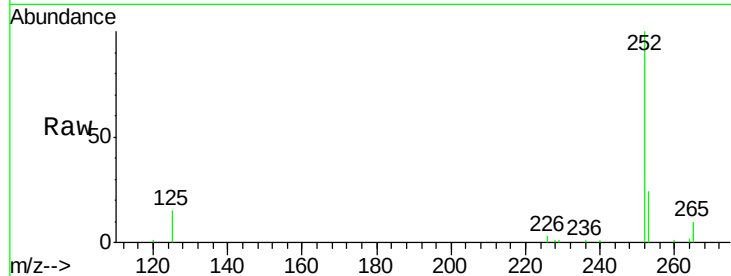
Tot Ion:252 Resp: 78353

Ion Ratio Lower Upper

252 100

253 24.5 28.5 42.7#

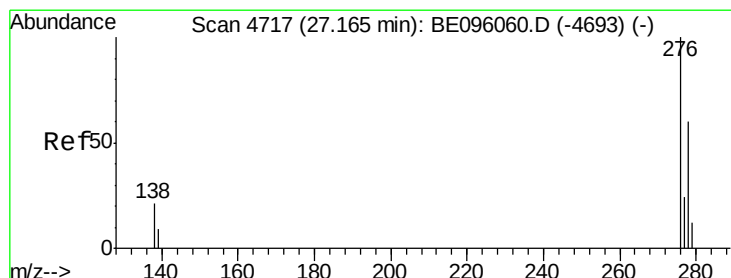
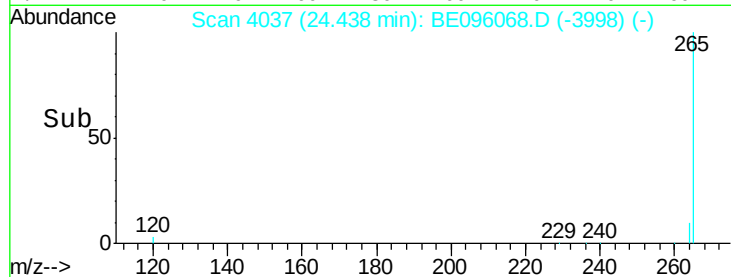
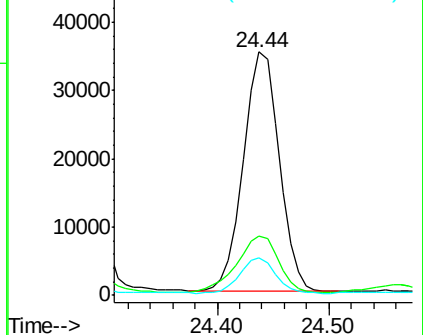
125 15.2 18.1 27.1#



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: 1.658 ng/ul

RT: 27.31 min Scan# 4759

Delta R.T. 0.14 min

Lab File: BE096068.D

Acq: 21 Apr 2018 7:46

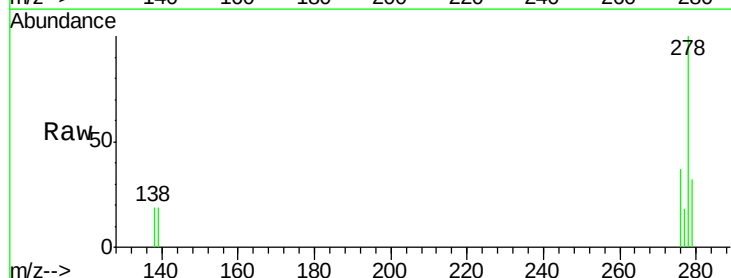
Tgt Ion:276 Resp: 5340

Ion Ratio Lower Upper

276 100

138 46.7 28.0 42.0#

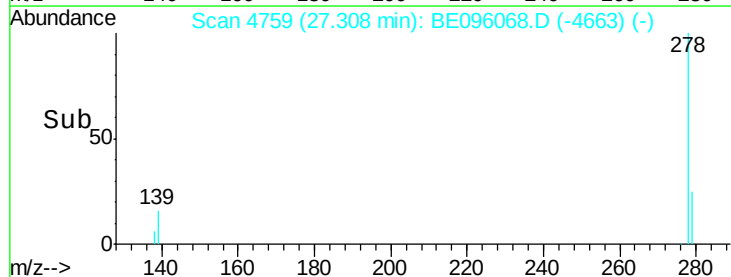
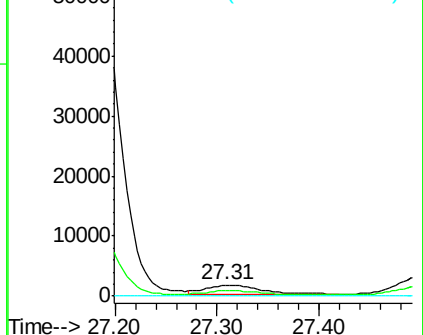
227 0.0 8.0 12.0#

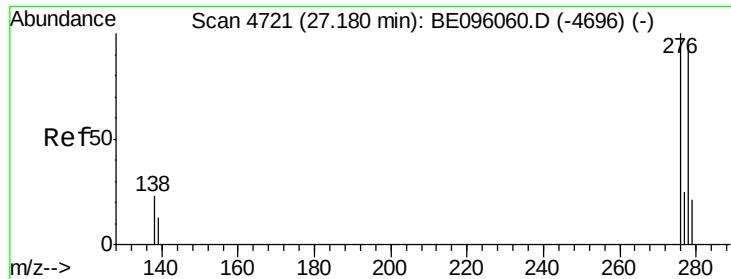


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



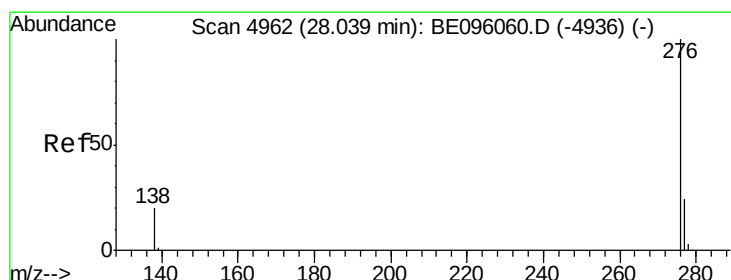
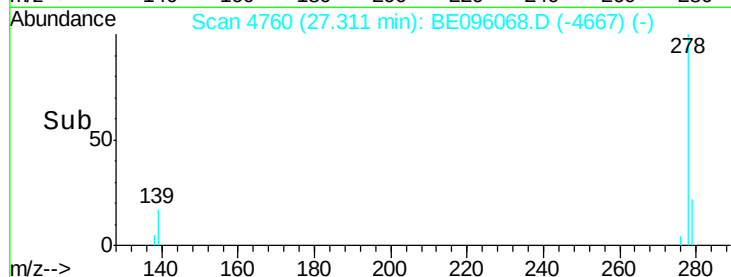
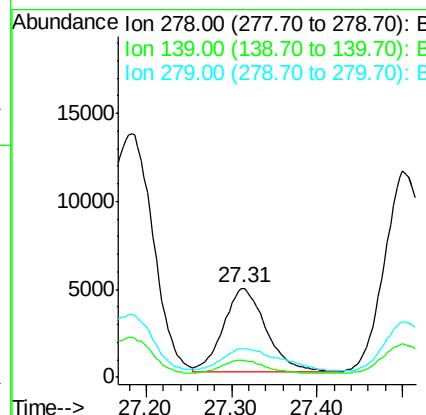
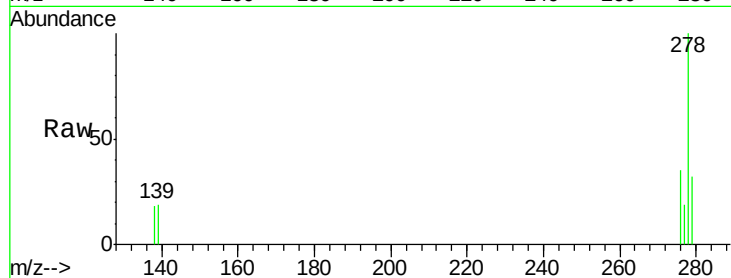


#25
Dibenzo(a,h)anthracene
Concen: 6.248 ng/ul
RT: 27.31 min Scan# 4760
Delta R.T. 0.13 min
Lab File: BE096068.D
Acq: 21 Apr 2018 7:46

Instrument :
BNA_E
ClientSampleId :
C0AD3

Tot Ion:278 Resp: 16202

Ion	Ratio	Lower	Upper
278	100		
139	18.9	17.4	26.0
279	32.0	25.9	38.9



#26
Benzo(g,h,i)perylene
Concen: 0.734 ng/ul
RT: 28.34 min Scan# 5049
Delta R.T. 0.30 min
Lab File: BE096068.D
Acq: 21 Apr 2018 7:46

Tgt Ion:276 Resp: 1974

Ion	Ratio	Lower	Upper
276	100		
138	54.3	21.8	32.8#
277	83.4	20.5	30.7#

