

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042518\
 Data File : BE096165.D
 Acq On : 26 Apr 2018 1:29
 Operator : SJ/JU
 Sample : J2431-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 26 06:41:04 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 26 06:40:54 2018
 Response via : Initial Calibration

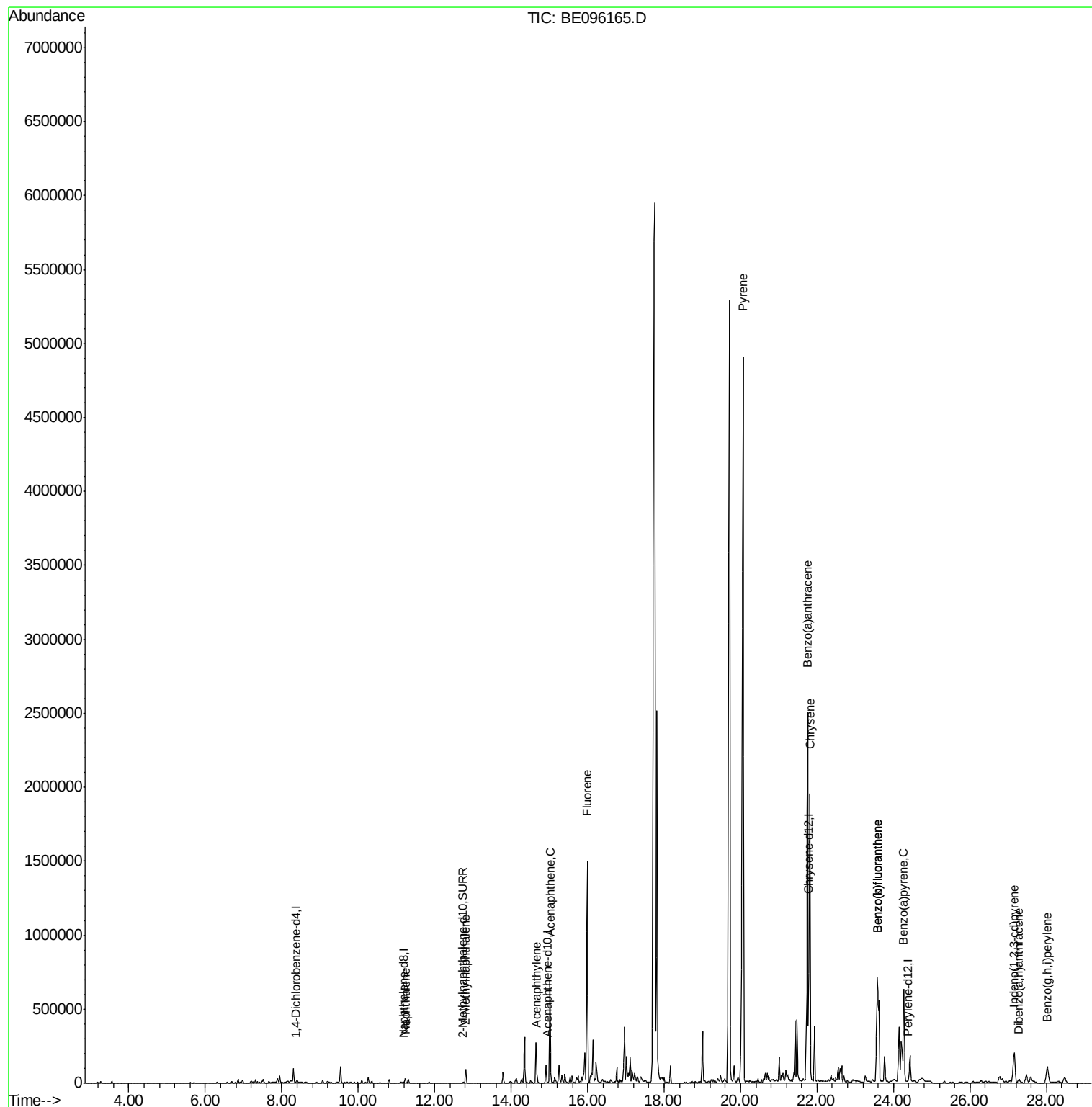
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	1032	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	4293	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2711	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.66
16) Chrysene-d12	21.77	240	8091	0.40	ng/ul	0.03
20) Perylene-d12	24.37	264	5750	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	3184	0.40	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	6775	0.00	ng/ul	0.02
Target Compounds				Ovalue		
3) Naphthalene	11.23	128	43146	3.609	ng/ul#	90
5) 2-Methylnaphthalene	12.81	142	75351	9.408	ng/ul	100
7) Acenaphthylene	14.68	152	63796	4.565	ng/ul	97
8) Acenaphthene	15.01	153	393369	39.038	ng/ul	92
9) Fluorene	15.99	166	1053574	79.022	ng/ul#	88
17) Pyrene	20.07	202	9502687	585.436	ng/ul#	81
18) Benzo(a)anthracene	21.75	228	3730671	152.300	ng/ul#	83
19) Chrysene	21.81	228	2006885	89.159	ng/ul	96
21) Benzo(b)fluoranthene	23.58	252	2238954	102.834	ng/ul	82
22) Benzo(k)fluoranthene	23.58	252	2238954	107.570	ng/ul#	84
23) Benzo(a)pyrene	24.27	252	1043426	55.164	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	27.16	276	396481	15.557	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.28	278	39651	1.858	ng/ul	92
26) Benzo(g,h,i)perylene	28.03	276	287134	12.943	ng/ul#	91

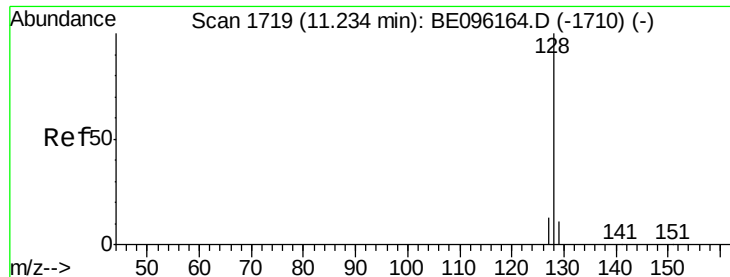
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 26 06:40:54 2018
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#3

Naphthalene

Concen: 3.609 ng/ul

RT: 11.23 min Scan# 1718

Delta R.T. -0.01 min

Lab File: BE096165.D

Acq: 26 Apr 2018 1:29

Instrument :

BNA_E

ClientSampleId :

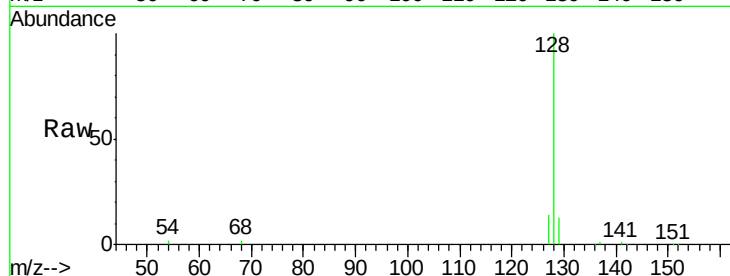
Tot Ion:128 Resp: 43146

Ion Ratio Lower Upper

128 100

129 12.9 11.3 16.9

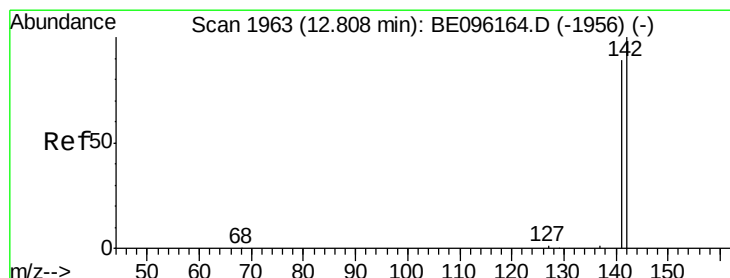
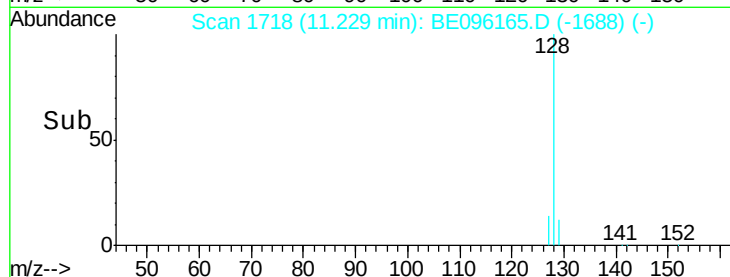
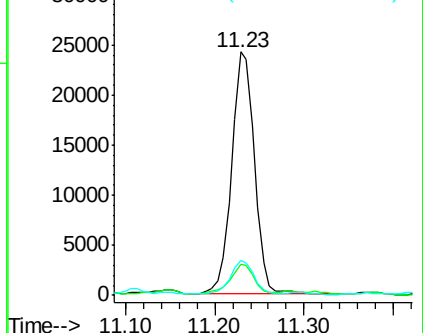
127 14.5 4.0 6.0#



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: 9.408 ng/ul

RT: 12.81 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BE096165.D

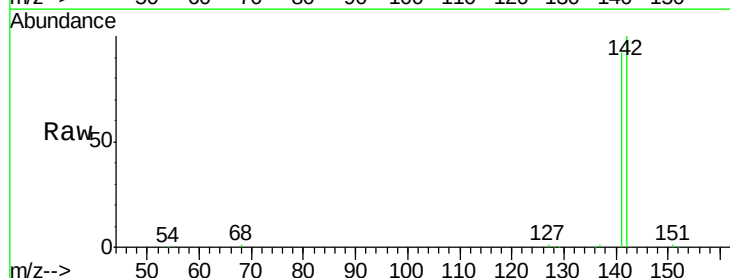
Acq: 26 Apr 2018 1:29

Tgt Ion:142 Resp: 75351

Ion Ratio Lower Upper

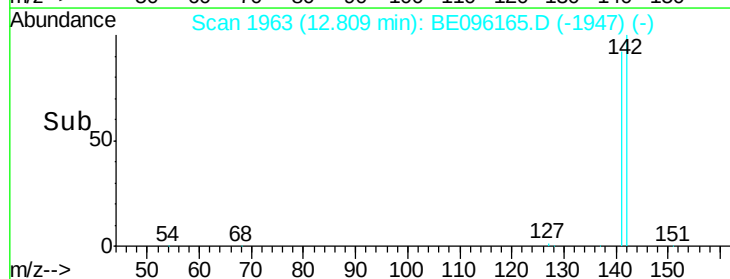
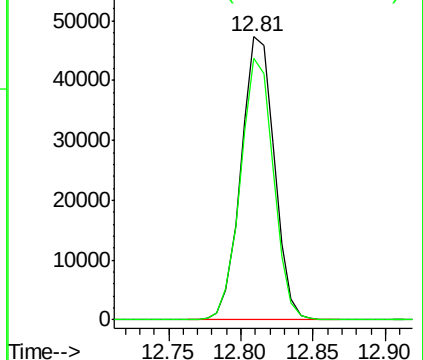
142 100

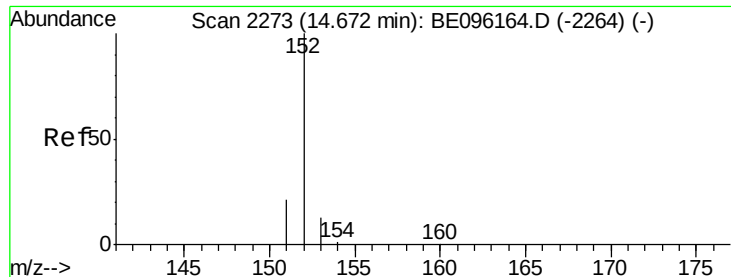
141 91.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 4.565 ng/ul

RT: 14.68 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BE096165.D

Acq: 26 Apr 2018 1:29

Instrument :

BNA_E

ClientSampled :

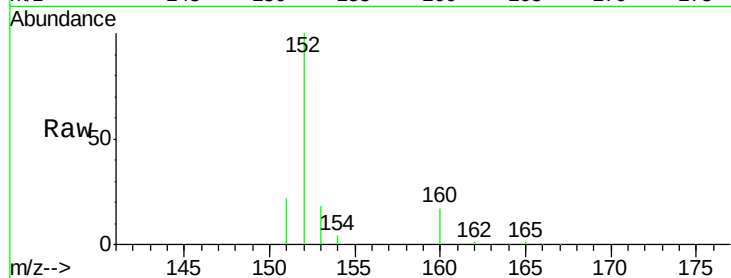
Tot Ion:152 Resp: 63796

Ion Ratio Lower Upper

152 100

151 21.6 17.1 25.7

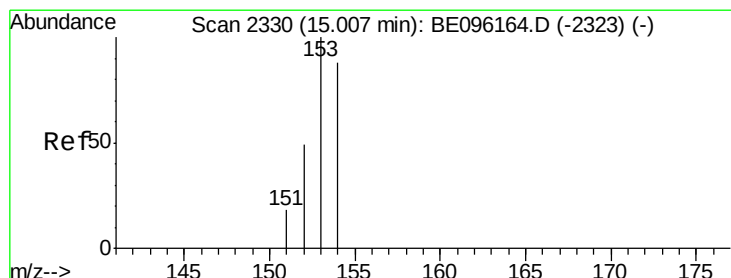
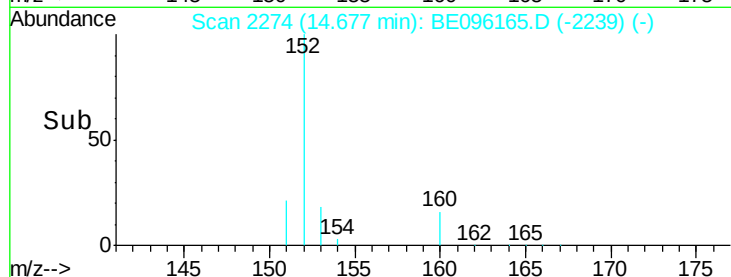
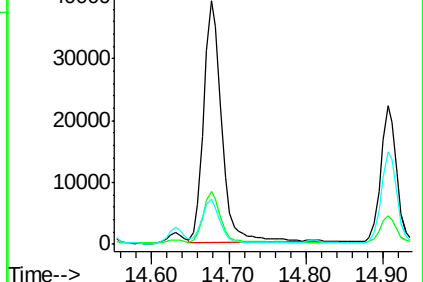
153 18.3 12.8 19.2



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: 39.038 ng/ul

RT: 15.01 min Scan# 2331

Delta R.T. 0.00 min

Lab File: BE096165.D

Acq: 26 Apr 2018 1:29

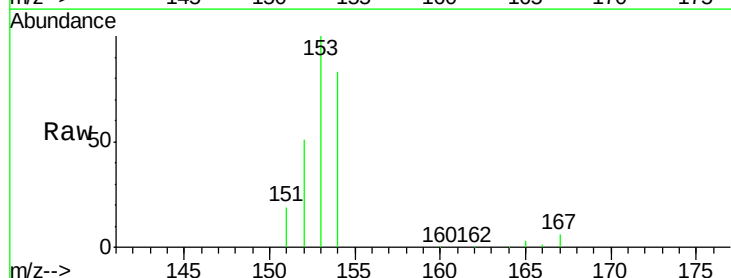
Tgt Ion:153 Resp: 393369

Ion Ratio Lower Upper

153 100

152 51.3 36.0 54.0

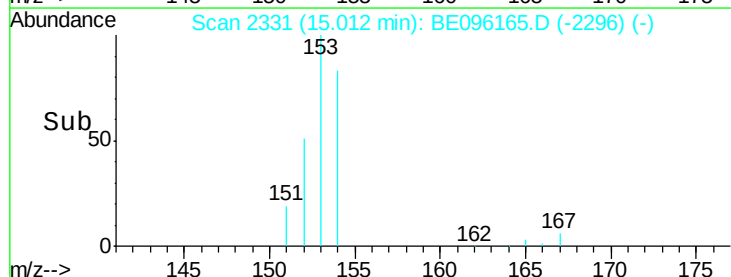
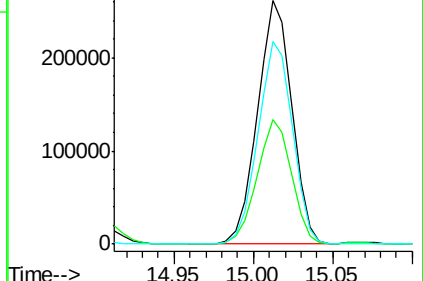
154 83.3 72.0 108.0

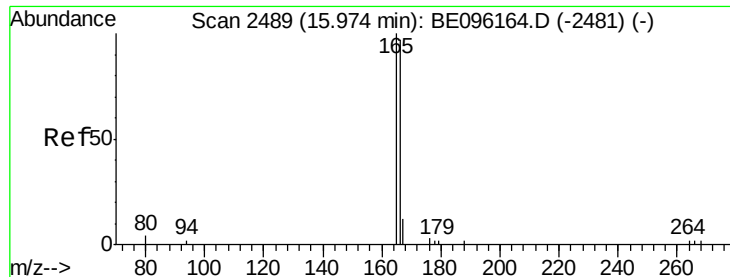


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 79.022 ng/ul

RT: 15.99 min Scan# 2491

Delta R.T. 0.01 min

Lab File: BE096165.D

Acq: 26 Apr 2018 1:29

Instrument :

BNA_E

ClientSampleId :

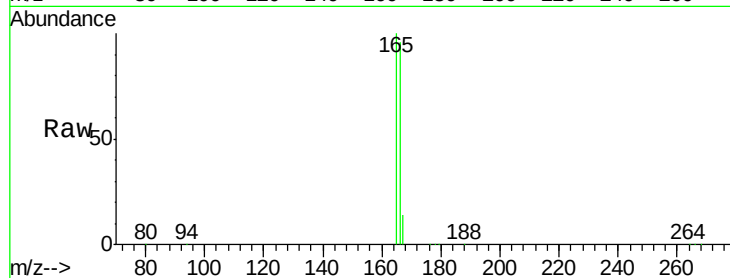
Tot Ion:166 Resp: 1053574

Ion Ratio Lower Upper

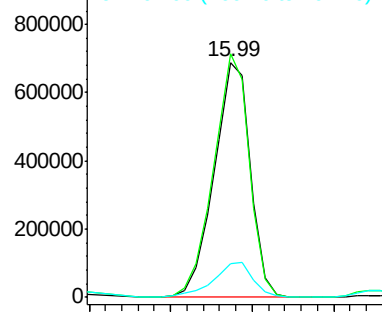
166 100

165 103.7 73.4 110.2

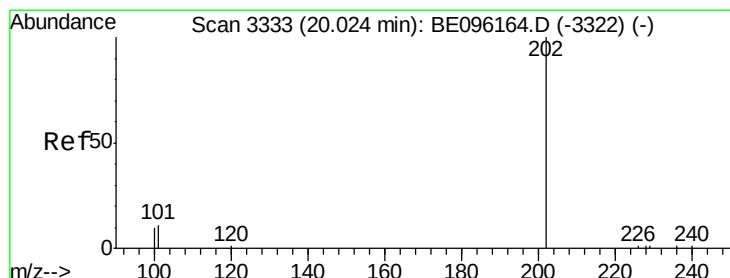
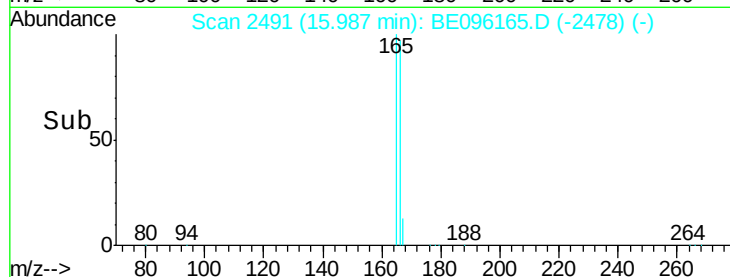
167 14.4 14.6 22.0#



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



Time--> 15.90 15.95 16.00 16.05



#17

Pyrene

Concen: 585.436 ng/ul

RT: 20.07 min Scan# 3342

Delta R.T. 0.04 min

Lab File: BE096165.D

Acq: 26 Apr 2018 1:29

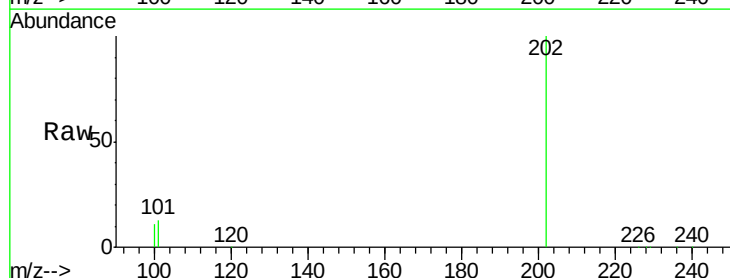
Tgt Ion:202 Resp: 9502687

Ion Ratio Lower Upper

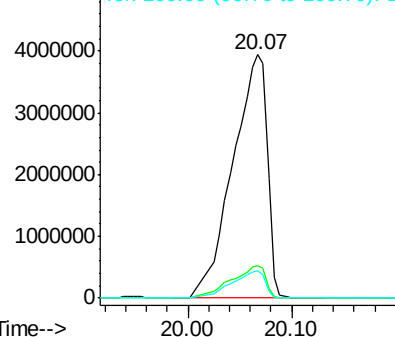
202 100

101 13.5 18.2 27.4#

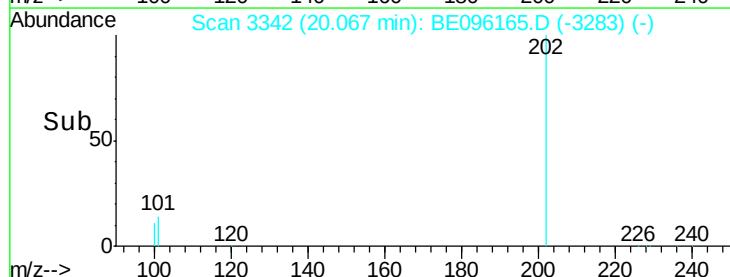
100 11.0 15.6 23.4#

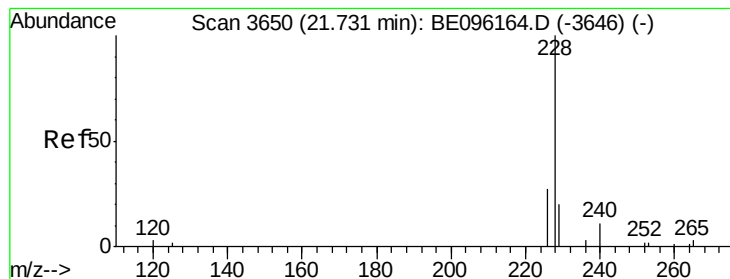


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E



Time--> 20.00 20.10





#18

Benzo(a)anthracene

Concen: 152.300 ng/ul

RT: 21.75 min Scan# 3654

Delta R.T. 0.02 min

Lab File: BE096165.D

Acq: 26 Apr 2018 1:29

Instrument :

BNA_E

ClientSampleId :

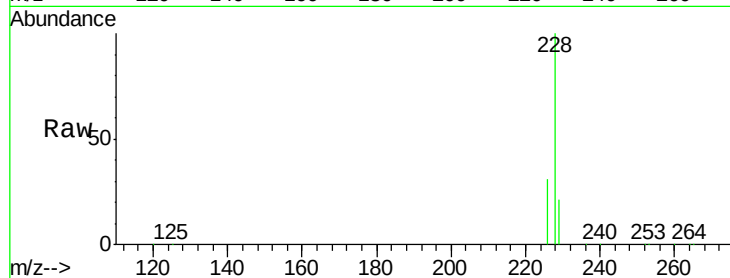
Tot Ion:228 Resp: 3730671

Ion Ratio Lower Upper

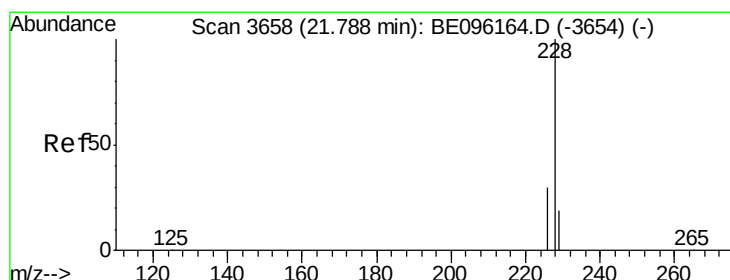
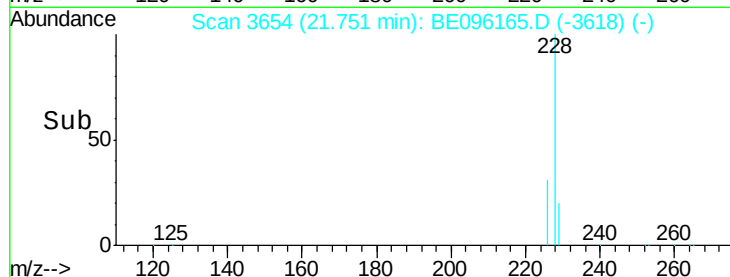
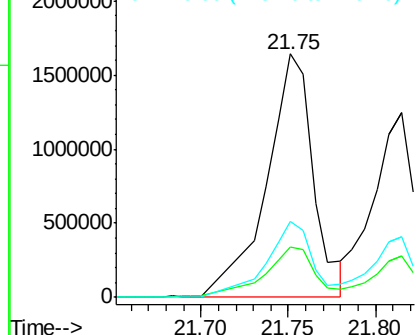
228 100

229 20.7 22.8 34.2#

226 31.3 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: 89.159 ng/ul

RT: 21.81 min Scan# 3663

Delta R.T. 0.03 min

Lab File: BE096165.D

Acq: 26 Apr 2018 1:29

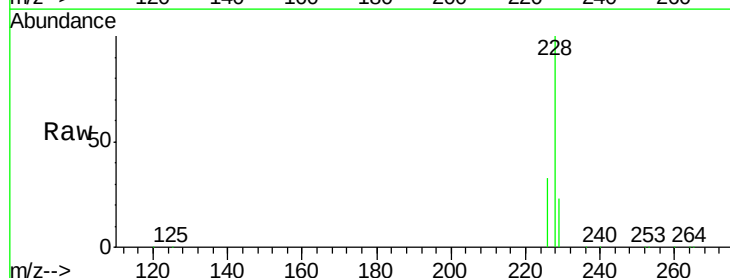
Tgt Ion:228 Resp: 2006885

Ion Ratio Lower Upper

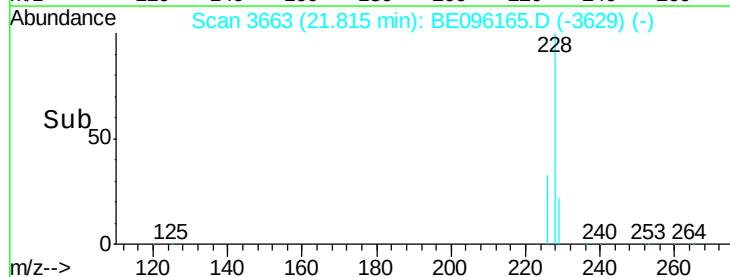
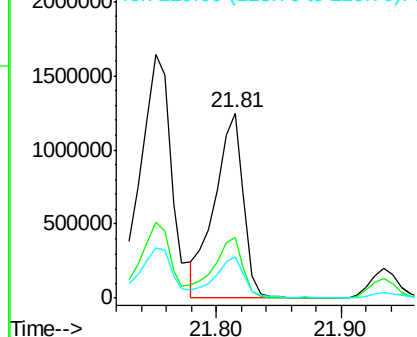
228 100

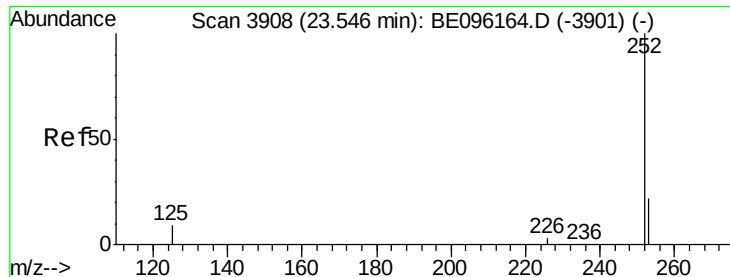
226 32.7 23.4 35.0

229 22.6 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: 102.834 ng/ul

RT: 23.58 min Scan# 3914

Delta R.T. 0.03 min

Lab File: BE096165.D

Acq: 26 Apr 2018 1:29

Instrument :

BNA_E

ClientSampleId :

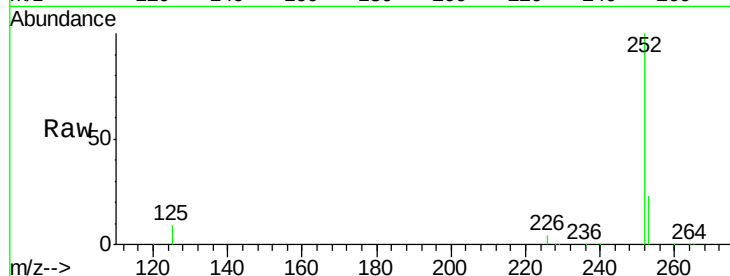
Tot Ion:252 Resp: 2238954

Ion Ratio Lower Upper

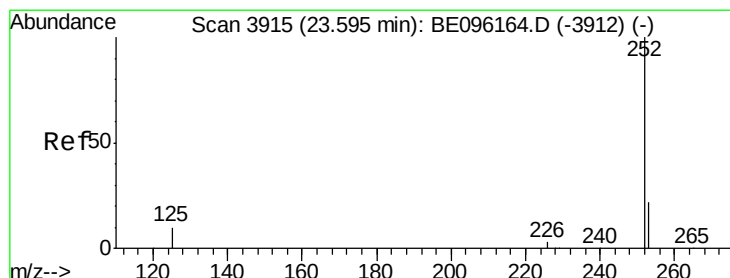
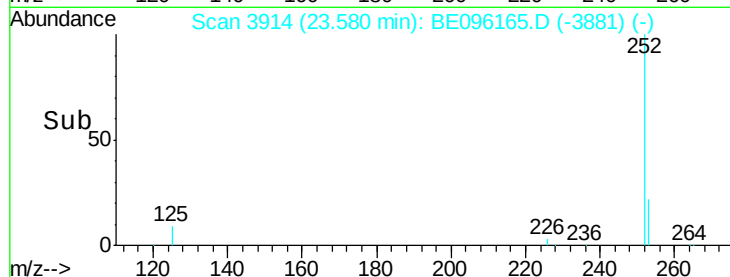
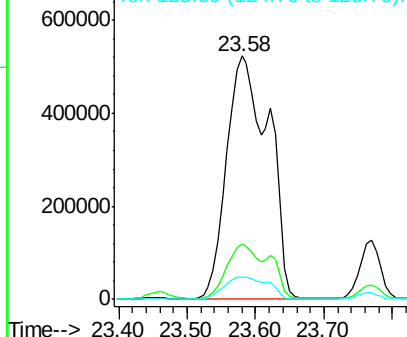
252 100

253 22.5 0.0 64.2

125 9.3 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



#22

Benzo(k)fluoranthene

Concen: 107.570 ng/ul

RT: 23.58 min Scan# 3914

Delta R.T. -0.02 min

Lab File: BE096165.D

Acq: 26 Apr 2018 1:29

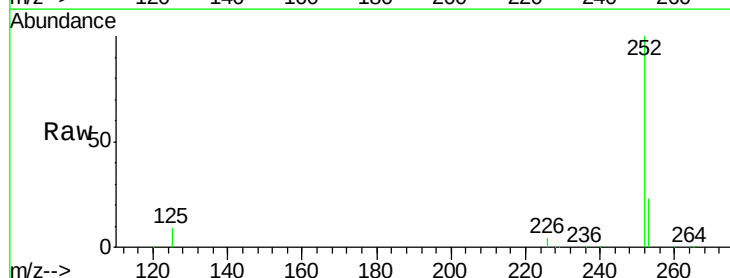
Tgt Ion:252 Resp: 2238954

Ion Ratio Lower Upper

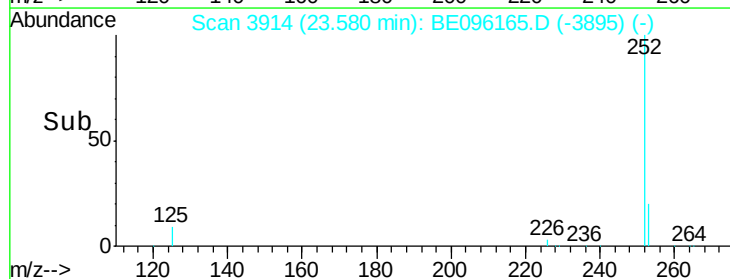
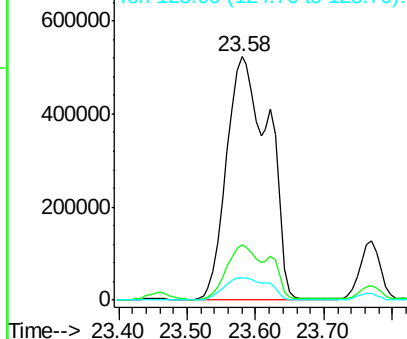
252 100

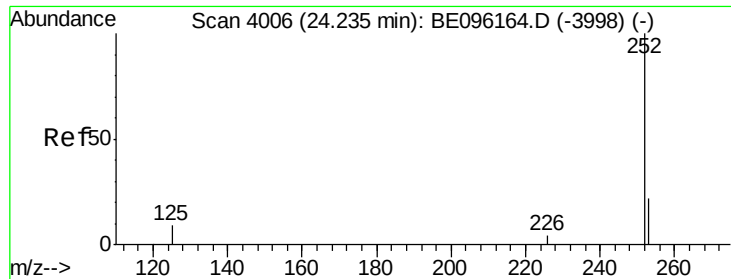
253 22.5 24.5 36.7#

125 9.3 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: 55.164 ng/ul

RT: 24.27 min Scan# 4012

Delta R.T. 0.03 min

Lab File: BE096165.D

Acq: 26 Apr 2018 1:29

Instrument :

BNA_E

ClientSampleId :

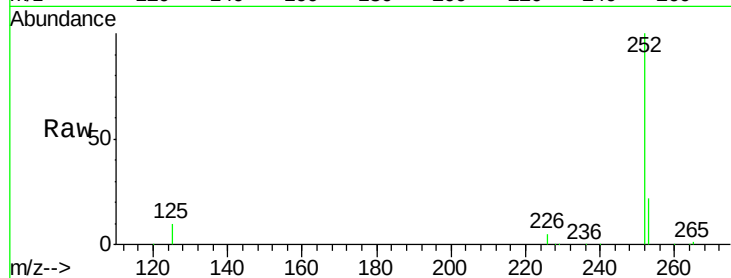
Tot Ion:252 Resp: 1043426

Ion Ratio Lower Upper

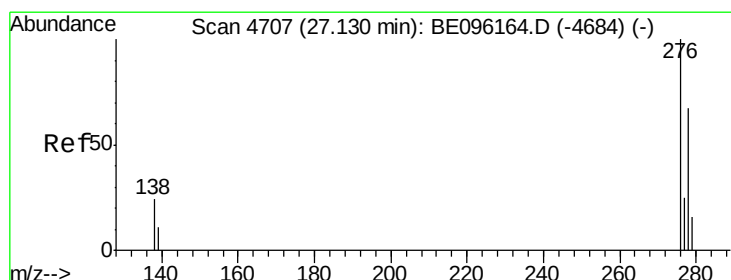
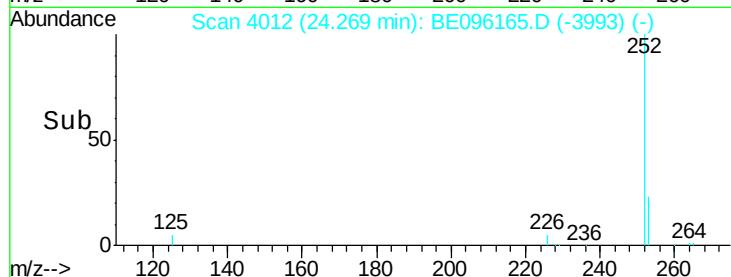
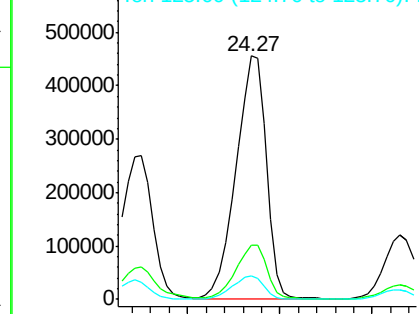
252 100

253 22.3 28.5 42.7#

125 9.8 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: 15.557 ng/ul

RT: 27.16 min Scan# 4716

Delta R.T. 0.03 min

Lab File: BE096165.D

Acq: 26 Apr 2018 1:29

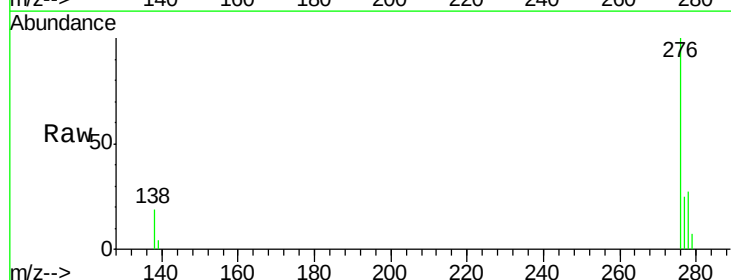
Tgt Ion:276 Resp: 396481

Ion Ratio Lower Upper

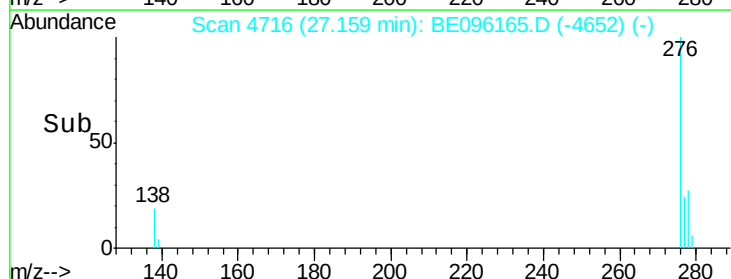
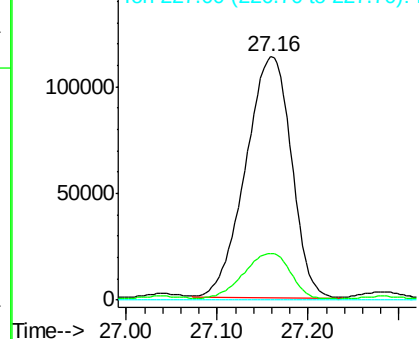
276 100

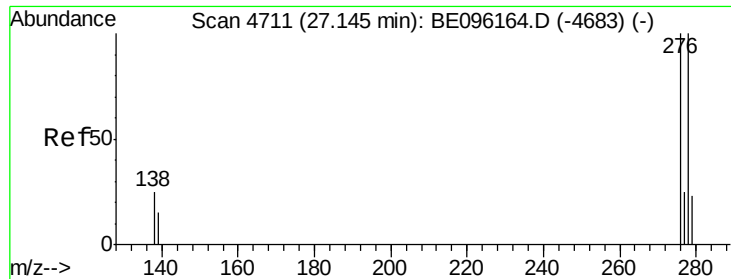
138 19.4 28.0 42.0#

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



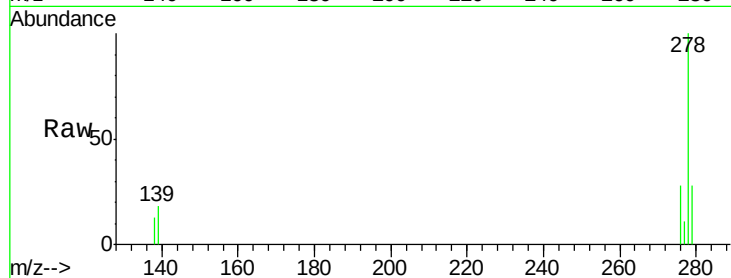


#25
Dibenzo(a,h)anthracene
Concen: 1.858 ng/ul
RT: 27.28 min Scan# 4751
Delta R.T. 0.14 min
Lab File: BE096165.D
Acq: 26 Apr 2018 1:29

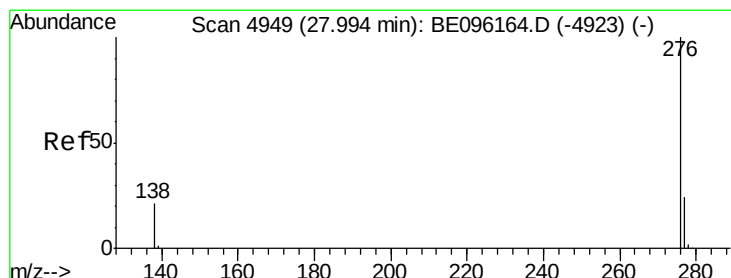
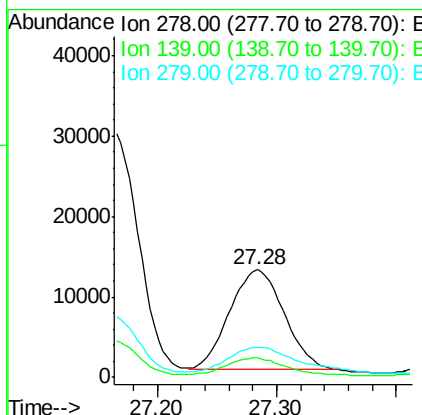
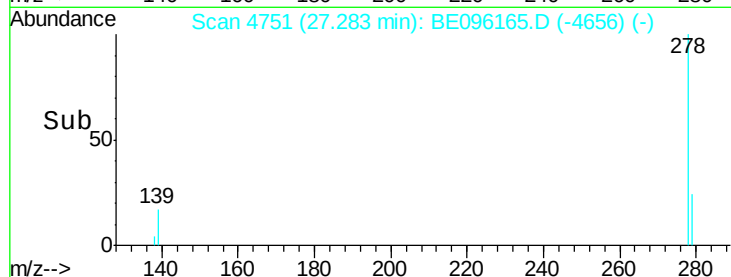
Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 39651

Ion	Ratio	Lower	Upper
278	100		
139	17.8	17.4	26.0
279	28.4	25.9	38.9



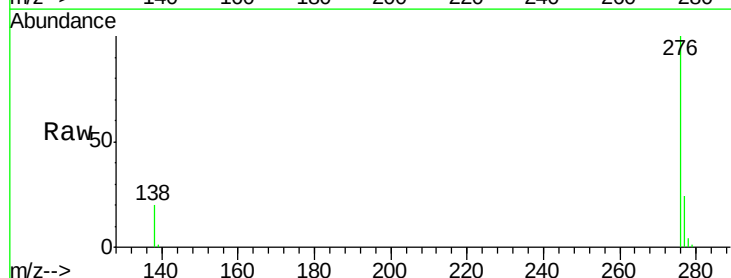
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 12.943 ng/ul
RT: 28.03 min Scan# 4959
Delta R.T. 0.03 min
Lab File: BE096165.D
Acq: 26 Apr 2018 1:29

Tgt Ion:276 Resp: 287134

Ion	Ratio	Lower	Upper
276	100		
138	19.7	21.8	32.8#
277	24.1	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

