

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
 Data File : BE095791.D
 Acq On : 15 Mar 2018 7:22
 Operator : SJ/JU
 Sample : J1835-13
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 15 08:35:26 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 05:35:28 2018
 Response via : Initial Calibration

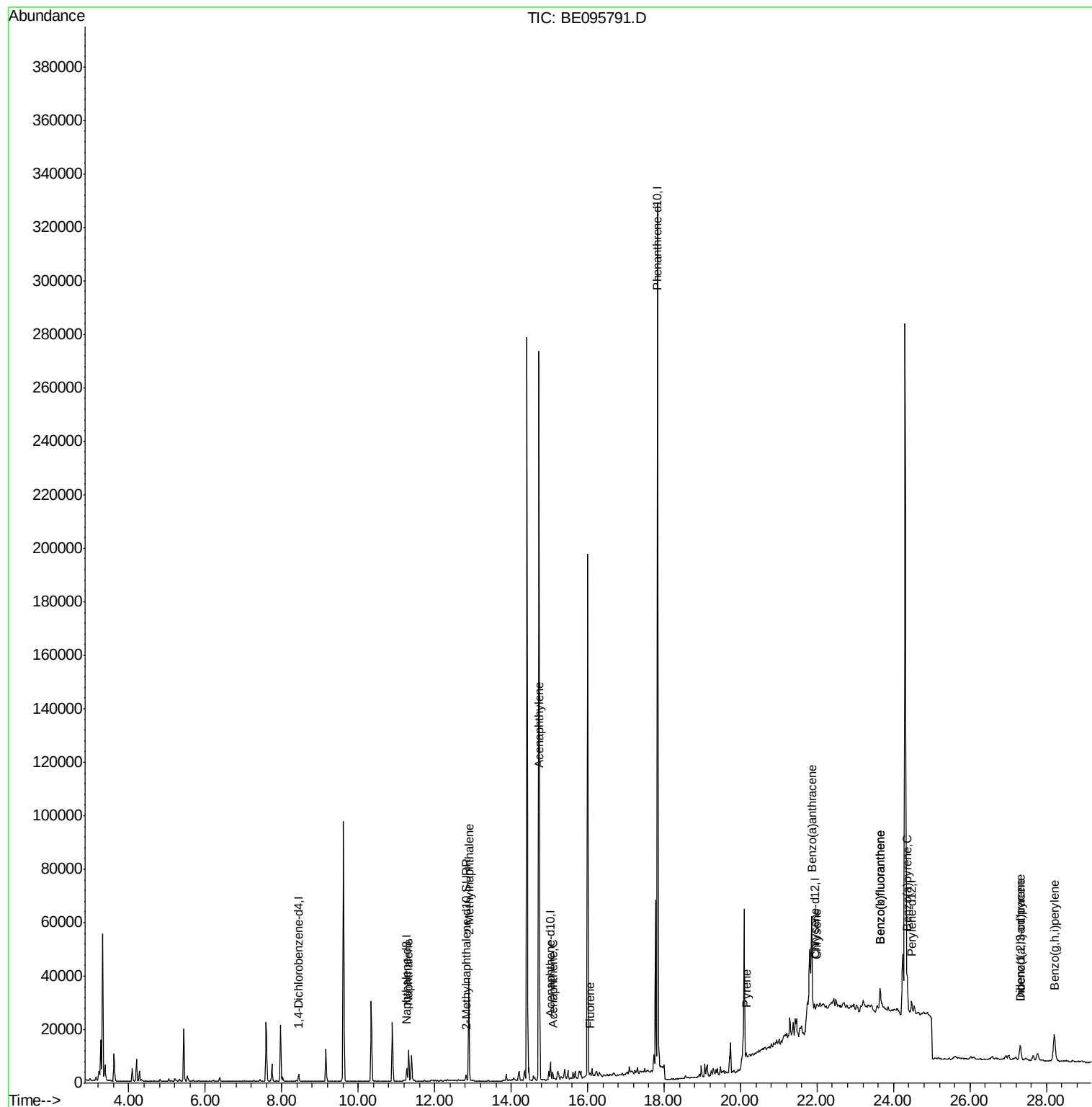
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	2162	0.40	ng/ul	0.02
2) Naphthalene-d8	11.27	136	6386	0.40	ng/ul	0.03
6) Acenaphthene-d10	15.02	164	3713	0.40	ng/ul	0.02
10) Phenanthrene-d10	17.83	188	379044	0.40	ng/ul	0.12
16) Chrysene-d12	21.95	240	193	0.40	ng/ul	0.15
20) Perylene-d12	24.47	264	8327	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	2798	0.26	ng/ul	0.02
14) Fluoranthene-d10	19.80	212	233	0.00	ng/ul	0.11
Target Compounds				Ovalue		
3) Naphthalene	11.32	128	16393	0.920	ng/ul#	88
5) 2-Methylnaphthalene	12.89	142	30992	2.501	ng/ul	100
7) Acenaphthylene	14.75	152	756	0.040	ng/ul#	1
8) Acenaphthene	15.09	153	1353	0.096	ng/ul#	68
9) Fluorene	16.06	166	759	0.050	ng/ul#	22
17) Pyrene	20.15	202	1907	2.602	ng/ul#	82
18) Benzo(a)anthracene	21.86	228	39772	63.867	ng/ul#	81
19) Chrysene	22.00	228	1322	2.085	ng/ul#	1
21) Benzo(b)fluoranthene	23.65	252	16701	0.579	ng/ul#	38
22) Benzo(k)fluoranthene	23.65	252	16373	0.597	ng/ul#	35
23) Benzo(a)pyrene	24.36	252	17417	0.661	ng/ul#	68
24) Indeno(1,2,3-cd)pyrene	27.32	276	9364	0.321	ng/ul#	75
25) Dibenzo(a,h)anthracene	27.32	278	4739	0.203	ng/ul#	1
26) Benzo(g,h,i)perylene	28.21	276	27164	1.083	ng/ul#	84

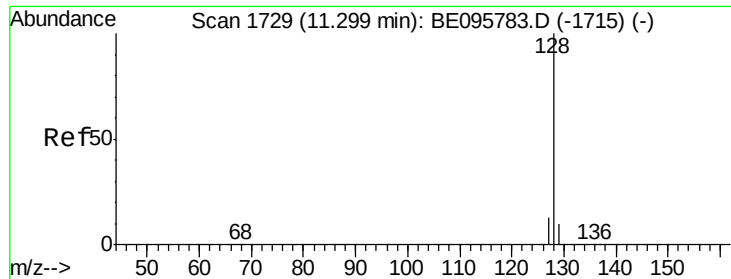
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.920 ng/ul

RT: 11.32 min Scan# 1731

Delta R.T. 0.02 min

Lab File: BE095791.D

Acq: 15 Mar 2018 7:22

Instrument :

BNA_E

ClientSampleId :

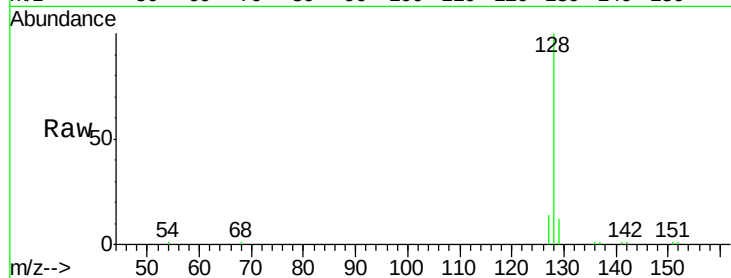
Tot Ion:128 Resp: 16393

Ion Ratio Lower Upper

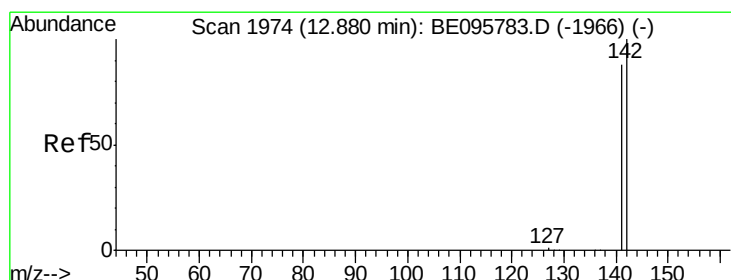
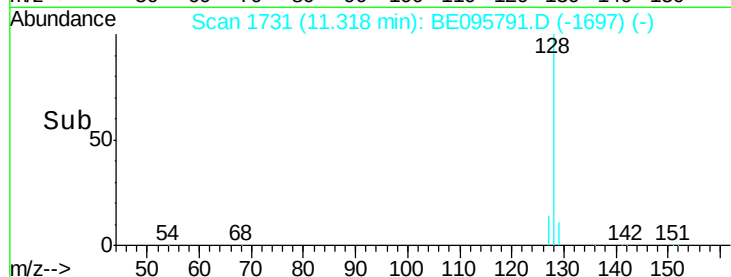
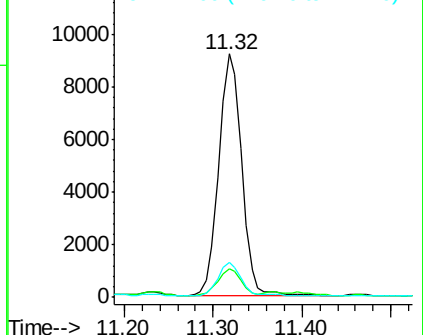
128 100

129 11.7 11.3 16.9

127 14.4 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: 2.501 ng/ul

RT: 12.89 min Scan# 1975

Delta R.T. 0.01 min

Lab File: BE095791.D

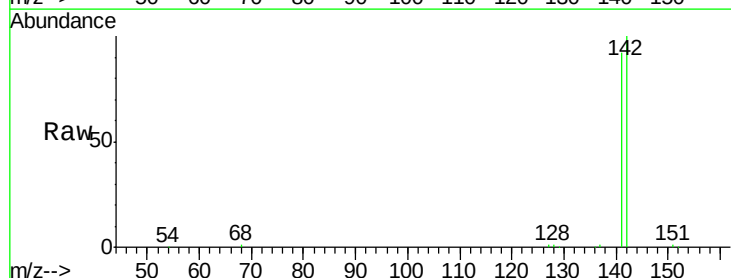
Acq: 15 Mar 2018 7:22

Tgt Ion:142 Resp: 30992

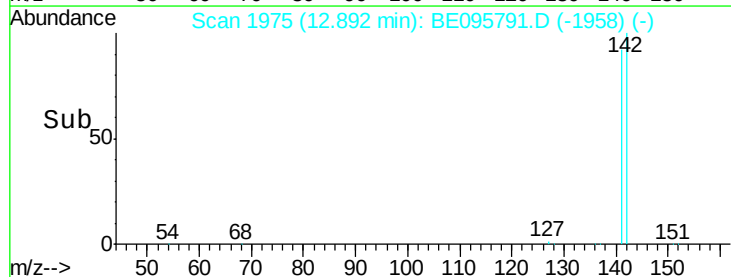
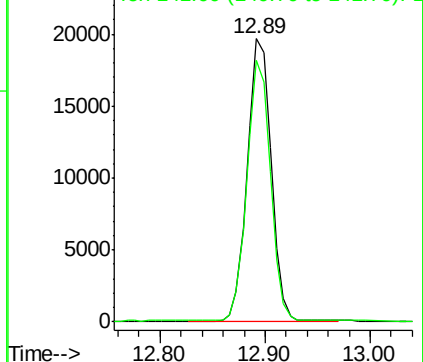
Ion Ratio Lower Upper

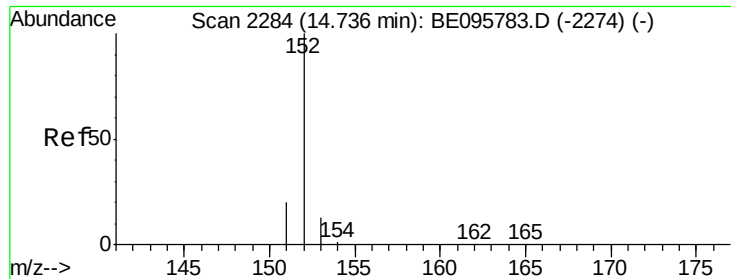
142 100

141 90.7 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: 0.040 ng/ul

RT: 14.75 min Scan# 2285

Delta R.T. 0.01 min

Lab File: BE095791.D

Acq: 15 Mar 2018 7:22

Instrument :

BNA_E

ClientSampleId :

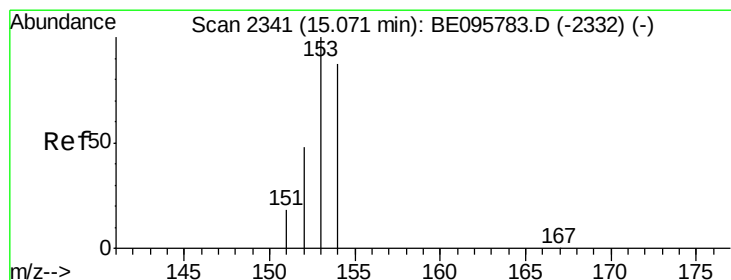
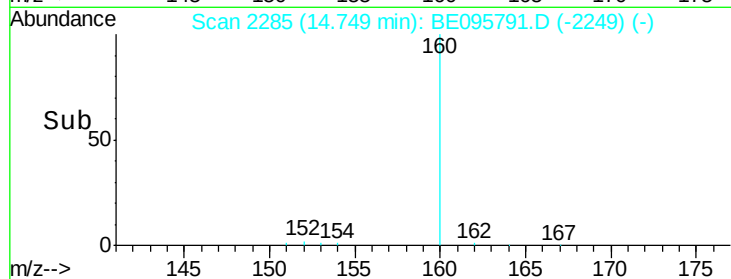
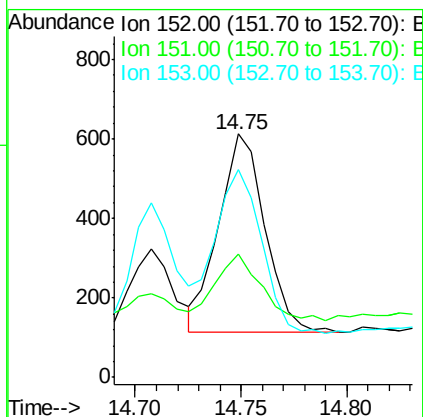
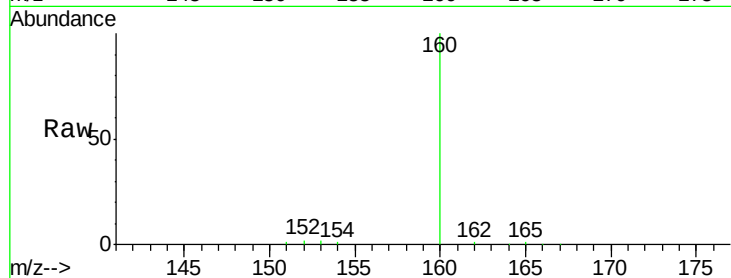
Tot Ion:152 Resp: 756

Ion Ratio Lower Upper

152 100

151 50.7 17.1 25.7#

153 85.5 12.8 19.2#



#8

Acenaphthene

Concen: 0.096 ng/ul

RT: 15.09 min Scan# 2343

Delta R.T. 0.02 min

Lab File: BE095791.D

Acq: 15 Mar 2018 7:22

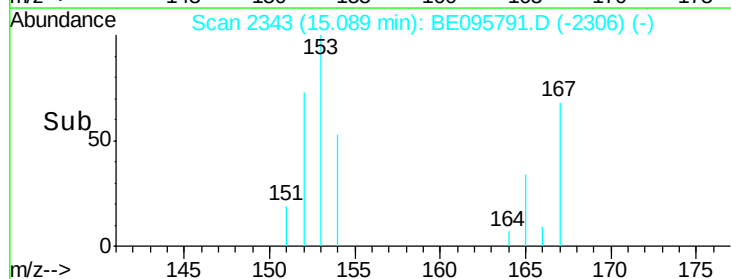
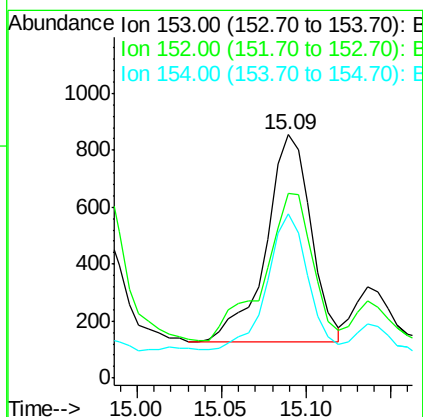
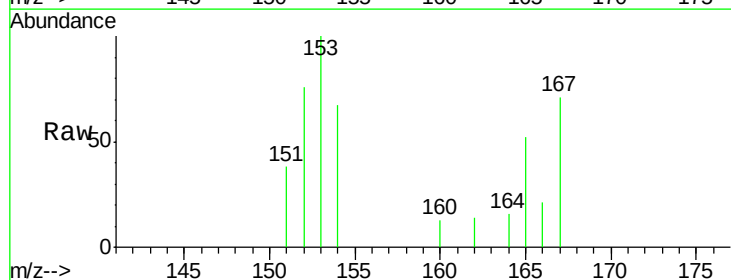
Tgt Ion:153 Resp: 1353

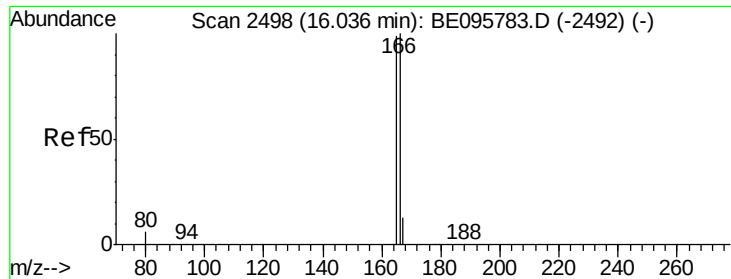
Ion Ratio Lower Upper

153 100

152 76.0 36.0 54.0#

154 67.3 72.0 108.0#





#9

Fluorene

Concen: 0.050 ng/ul

RT: 16.06 min Scan# 2500

Delta R.T. 0.02 min

Lab File: BE095791.D

Acq: 15 Mar 2018 7:22

Instrument :

BNA_E

ClientSampleId :

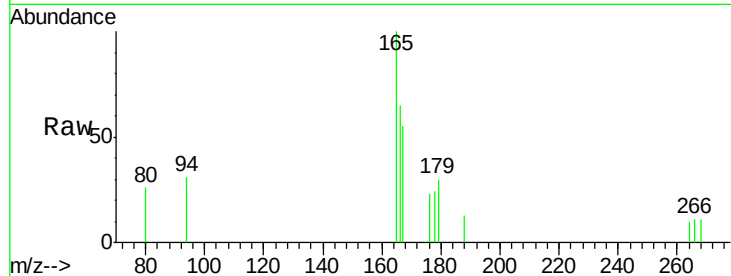
Tot Ion:166 Resp: 759

Ion Ratio Lower Upper

166 100

165 153.0 73.4 110.2#

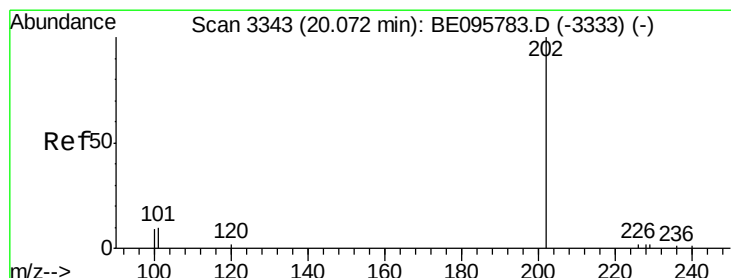
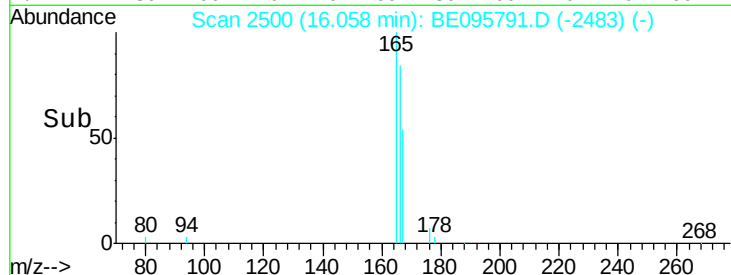
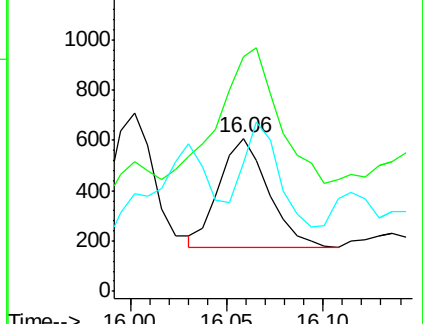
167 83.7 14.6 22.0#



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: 2.602 ng/ul

RT: 20.15 min Scan# 3356

Delta R.T. 0.08 min

Lab File: BE095791.D

Acq: 15 Mar 2018 7:22

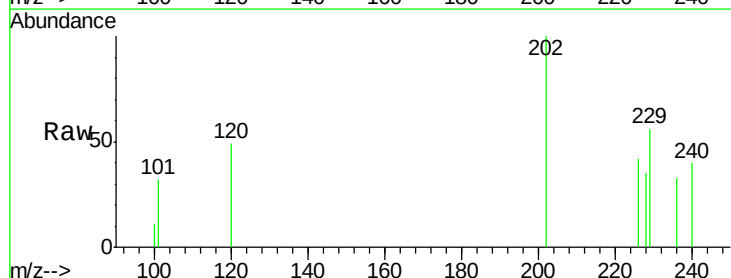
Tgt Ion:202 Resp: 1907

Ion Ratio Lower Upper

202 100

101 31.6 18.2 27.4#

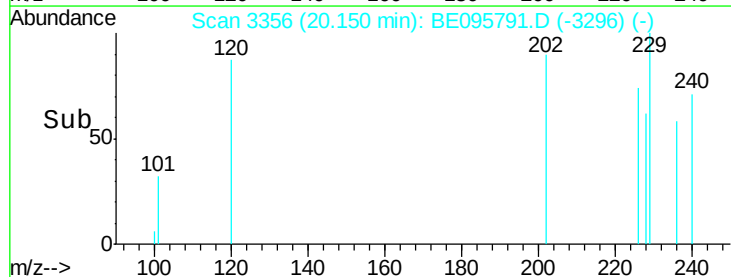
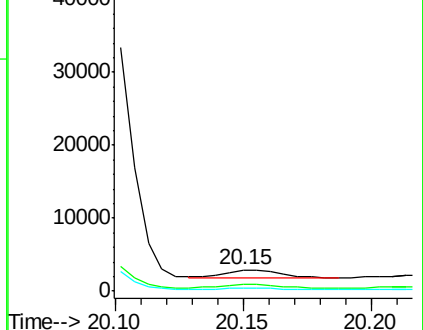
100 11.5 15.6 23.4#

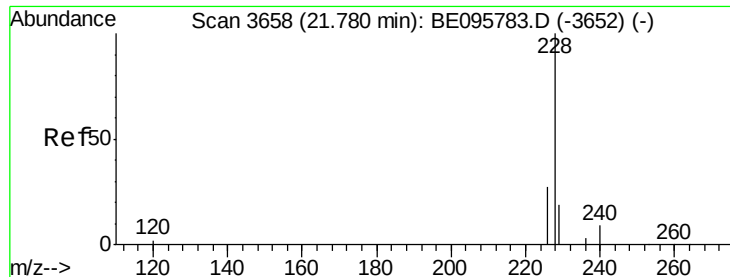


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#18

Benzo(a)anthracene

Concen: 63.867 ng/ul

RT: 21.86 min Scan# 3668

Delta R.T. 0.08 min

Lab File: BE095791.D

Acq: 15 Mar 2018 7:22

Instrument :

BNA_E

ClientSampleId :

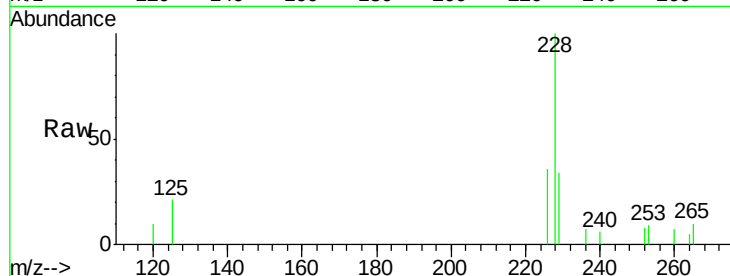
Tot Ion:228 Resp: 39772

Ion Ratio Lower Upper

228 100

229 33.7 22.8 34.2

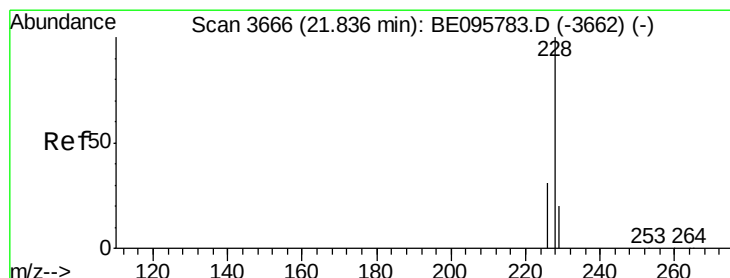
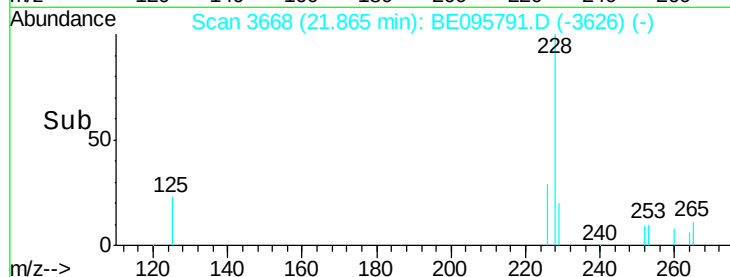
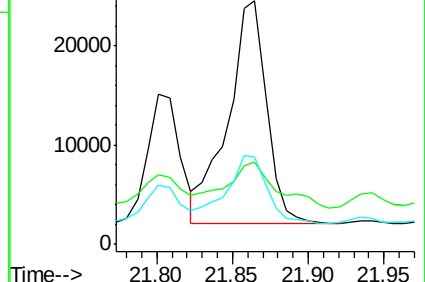
226 35.8 17.0 25.6#



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: 2.085 ng/ul

RT: 22.00 min Scan# 3687

Delta R.T. 0.16 min

Lab File: BE095791.D

Acq: 15 Mar 2018 7:22

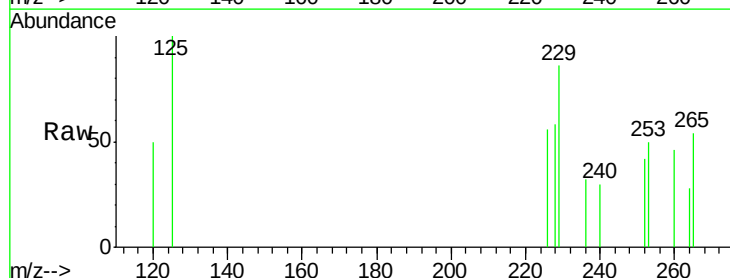
Tgt Ion:228 Resp: 1322

Ion Ratio Lower Upper

228 100

226 95.7 23.4 35.0#

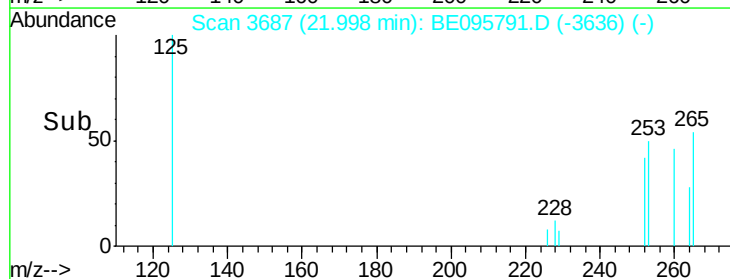
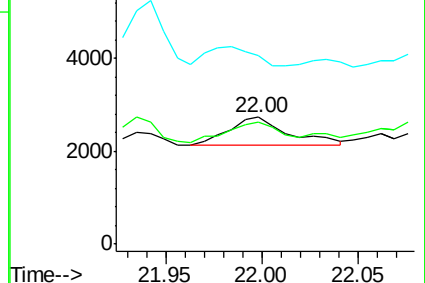
229 148.8 17.7 26.5#

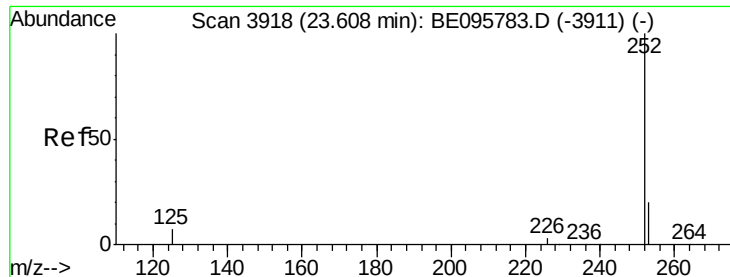


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.579 ng/ul

RT: 23.65 min Scan# 3922

Delta R.T. 0.04 min

Lab File: BE095791.D

Acq: 15 Mar 2018 7:22

Instrument :

BNA_E

ClientSampleId :

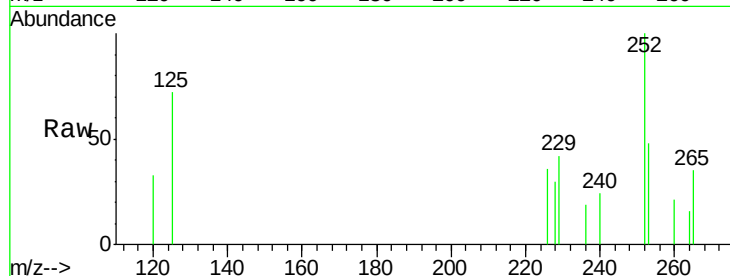
Tot Ion:252 Resp: 16701

Ion Ratio Lower Upper

252 100

253 47.8 0.0 64.2

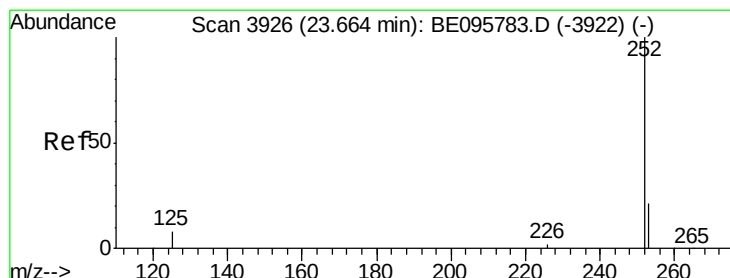
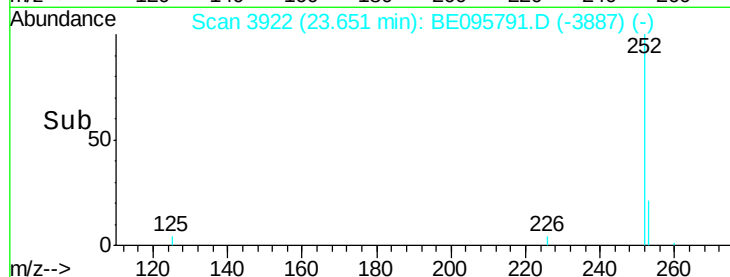
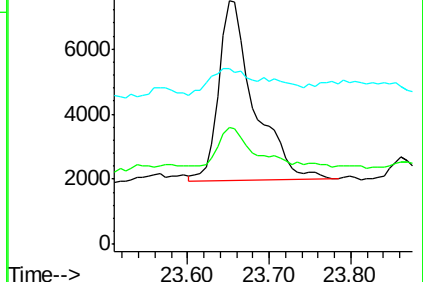
125 71.9 0.0 35.0#



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: 0.597 ng/ul

RT: 23.65 min Scan# 3922

Delta R.T. -0.01 min

Lab File: BE095791.D

Acq: 15 Mar 2018 7:22

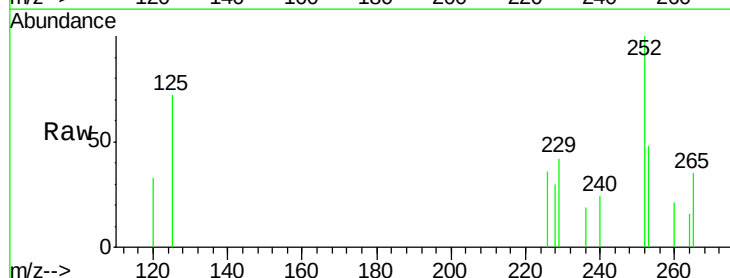
Tgt Ion:252 Resp: 16373

Ion Ratio Lower Upper

252 100

253 47.8 24.5 36.7#

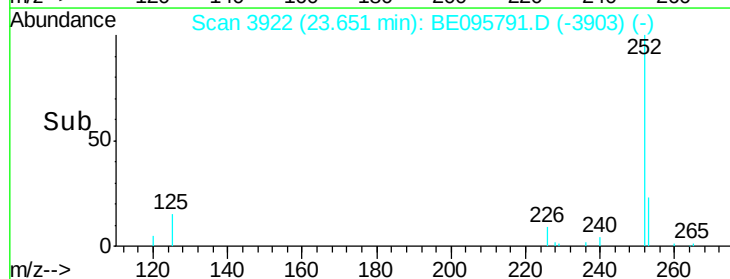
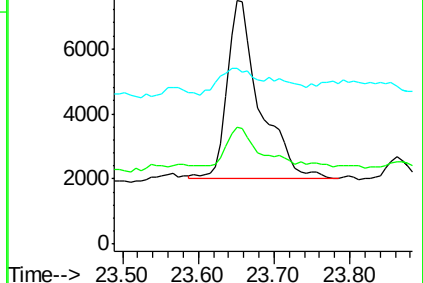
125 71.9 13.7 20.5#

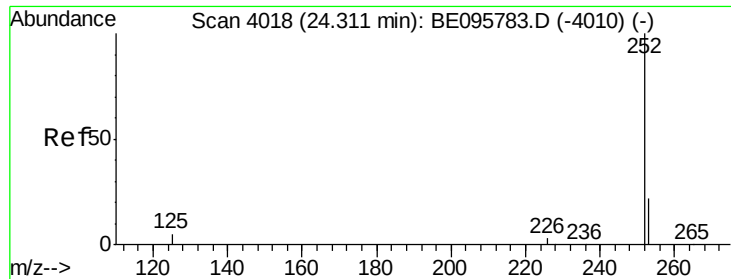


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.661 ng/ul

RT: 24.36 min Scan# 4023

Delta R.T. 0.05 min

Lab File: BE095791.D

Acq: 15 Mar 2018 7:22

Instrument :

BNA_E

ClientSampleId :

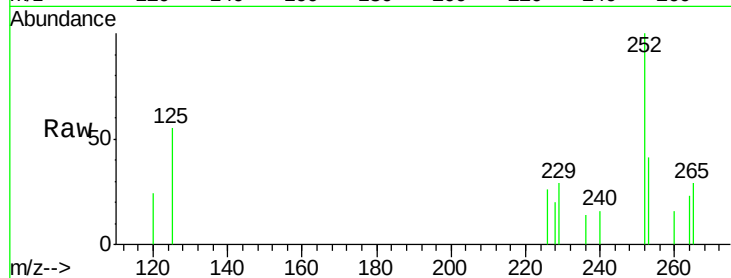
Tot Ion:252 Resp: 17417

Ion Ratio Lower Upper

252 100

253 41.3 28.5 42.7

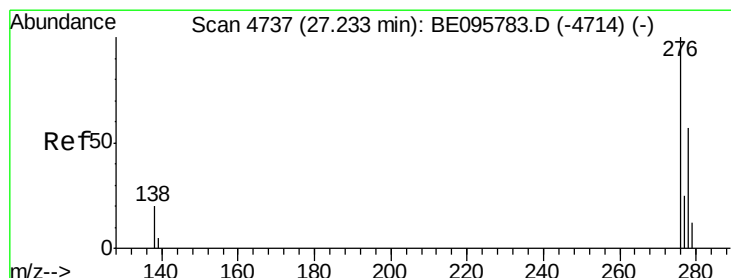
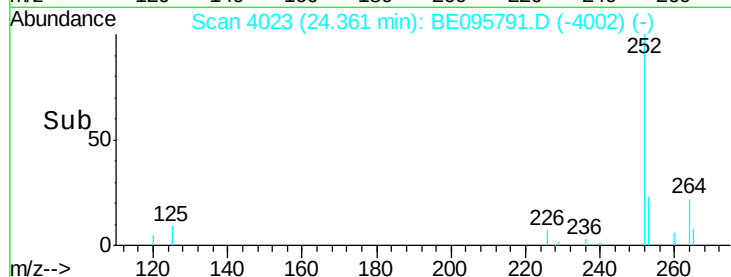
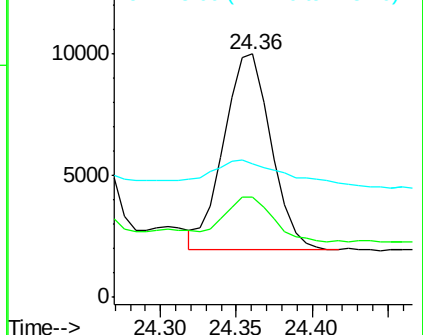
125 54.7 18.1 27.1#



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: 0.321 ng/ul

RT: 27.32 min Scan# 4759

Delta R.T. 0.09 min

Lab File: BE095791.D

Acq: 15 Mar 2018 7:22

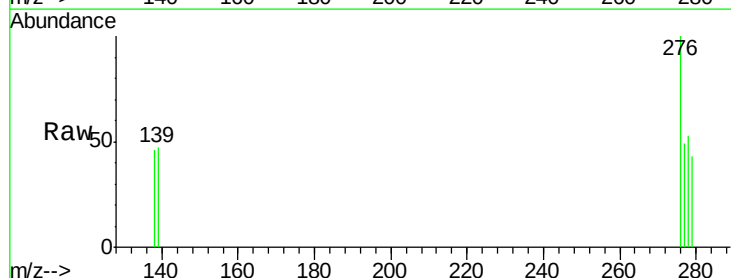
Tgt Ion:276 Resp: 9364

Ion Ratio Lower Upper

276 100

138 20.7 28.0 42.0#

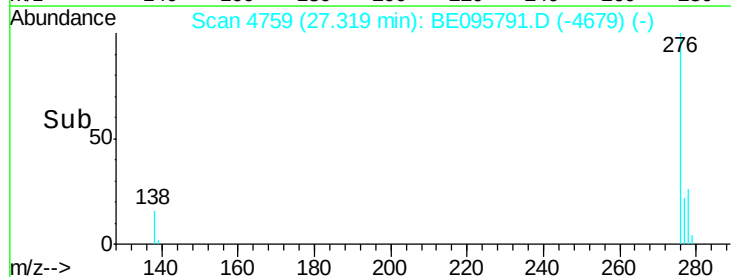
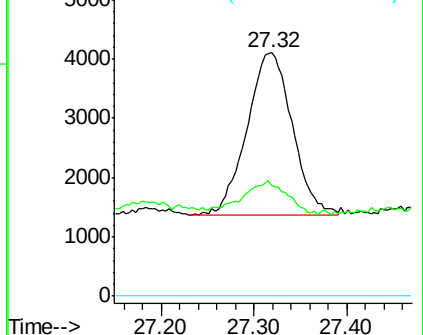
227 0.0 8.0 12.0#

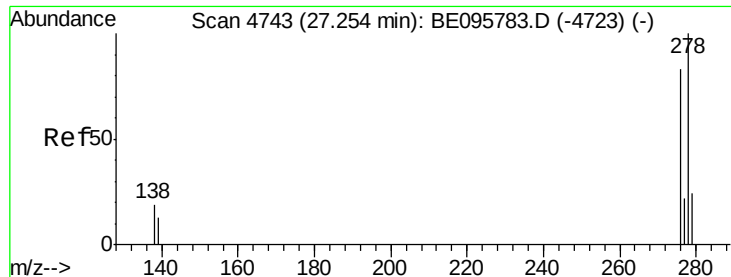


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

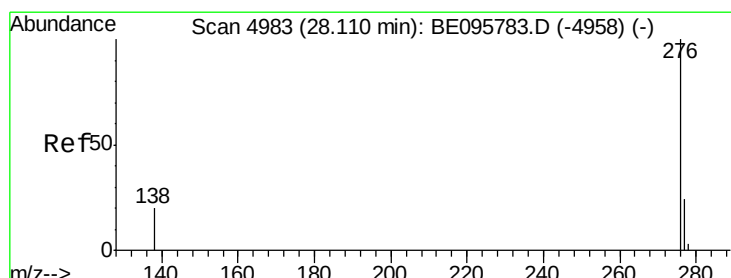
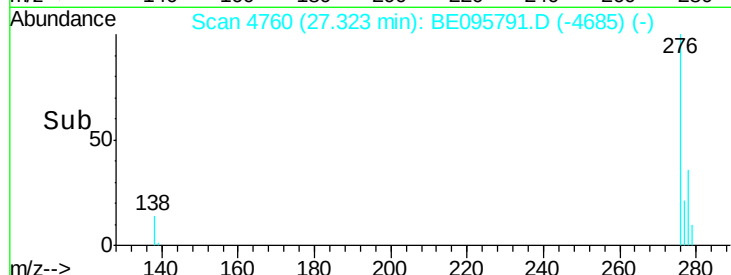
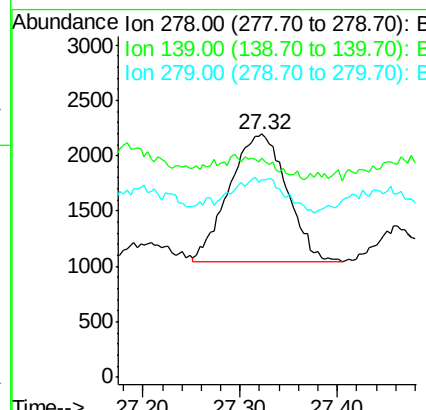
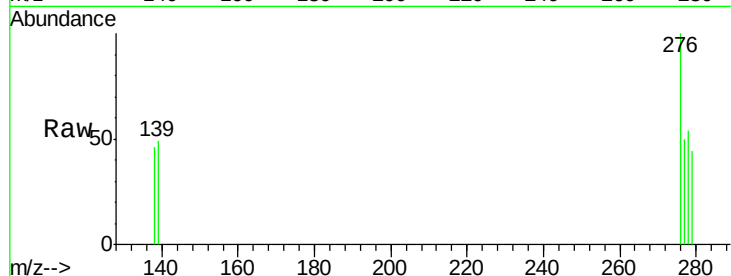




#25
Dibenzo(a,h)anthracene
Concen: 0.203 ng/ul
RT: 27.32 min Scan# 4760
Delta R.T. 0.07 min
Lab File: BE095791.D
Acq: 15 Mar 2018 7:22

Instrument :
BNA_E
ClientSampled :

Tot Ion:278 Resp: 4739
Ion Ratio Lower Upper
278 100
139 90.0 17.4 26.0#
279 81.3 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 1.083 ng/ul
RT: 28.21 min Scan# 5008
Delta R.T. 0.10 min
Lab File: BE095791.D
Acq: 15 Mar 2018 7:22

Tgt Ion:276 Resp: 27164
Ion Ratio Lower Upper
276 100
138 31.8 21.8 32.8
277 37.2 20.5 30.7#

