

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
 Data File : BE095807.D
 Acq On : 15 Mar 2018 17:16
 Operator : SJ/JU
 Sample : J1835-01DL 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 16 02:40:45 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 02:40:12 2018
 Response via : Initial Calibration

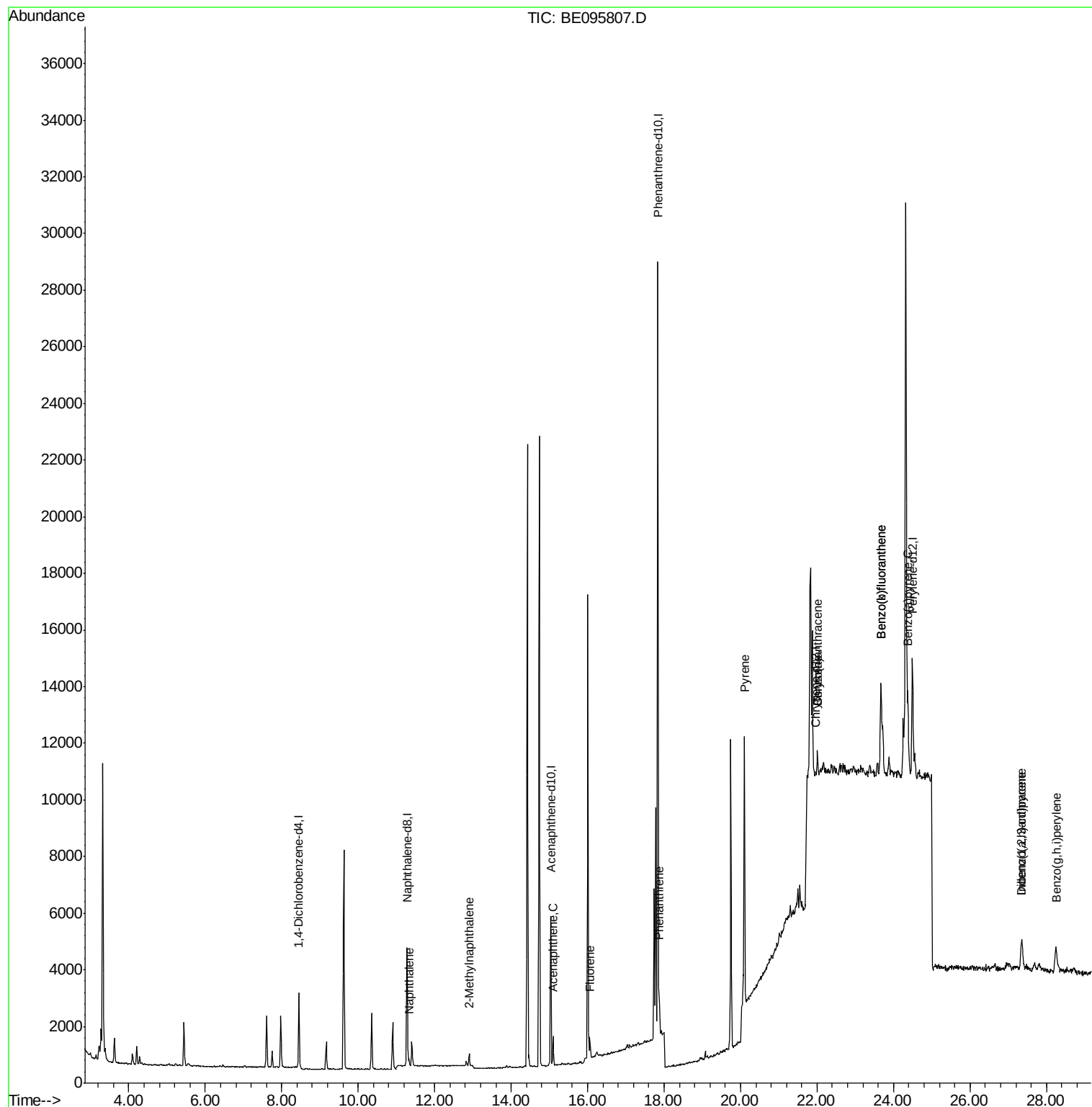
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	1975	0.40	ng/ul	0.00
2) Naphthalene-d8	11.28	136	5637	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.04	164	3026	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.84	188	31346	0.40	ng/ul	0.09
16) Chrysene-d12	21.98	240	63	0.40	ng/ul	0.14
20) Perylene-d12	24.49	264	5797	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.89	152	25	0.00	ng/ul	0.06
14) Fluoranthene-d10	19.82	212	19	0.00	ng/ul	0.10
Target Compounds						
					Ovalue	
3) Naphthalene	11.32	128	381	0.024	ng/ul#	56
5) 2-Methylnaphthalene	12.90	142	371	0.034	ng/ul	100
8) Acenaphthene	15.10	153	576	0.050	ng/ul#	91
9) Fluorene	16.07	166	511	0.041	ng/ul#	80
12) Phenanthrene	17.87	178	3821	0.041	ng/ul#	85
17) Pyrene	20.10	202	10908	45.598	ng/ul#	77
18) Benzo(a)anthracene	22.01	228	734	3.611	ng/ul#	1
19) Chrysene	22.01	228	734	3.546	ng/ul#	1
21) Benzo(b)fluoranthene	23.67	252	8434	0.420	ng/ul#	39
22) Benzo(k)fluoranthene	23.67	252	8429	0.442	ng/ul#	36
23) Benzo(a)pyrene	24.37	252	4624	0.252	ng/ul#	34
24) Indeno(1,2,3-cd)pyrene	27.35	276	2363	0.116	ng/ul#	75
25) Dibenzo(a,h)anthracene	27.34	278	756	0.047	ng/ul#	1
26) Benzo(g,h,i)perylene	28.25	276	2760	0.158	ng/ul#	36

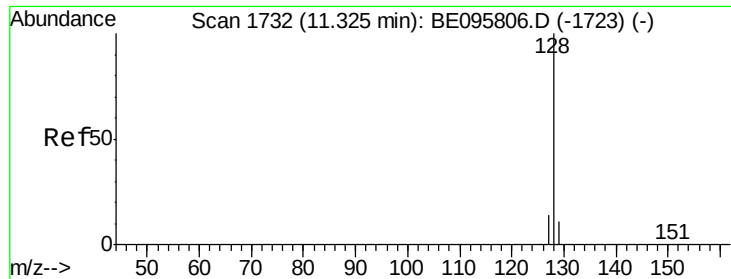
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031518\
Data File : BE095807.D
Acq On : 15 Mar 2018 17:16
Operator : SJ/JU
Sample : J1835-01DL 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 16 02:40:45 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 16 02:40:12 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.024 ng/ul

RT: 11.32 min Scan# 1732

Delta R.T. -0.00 min

Lab File: BE095807.D

Acq: 15 Mar 2018 17:16

Instrument :

BNA_E

ClientSampleId :

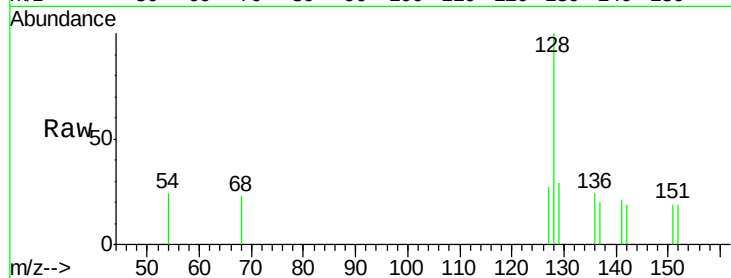
Tot Ion:128 Resp: 381

Ion Ratio Lower Upper

128 100

129 29.0 11.3 16.9#

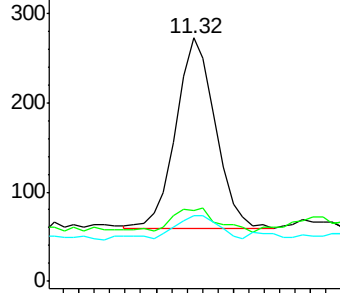
127 26.8 4.0 6.0#



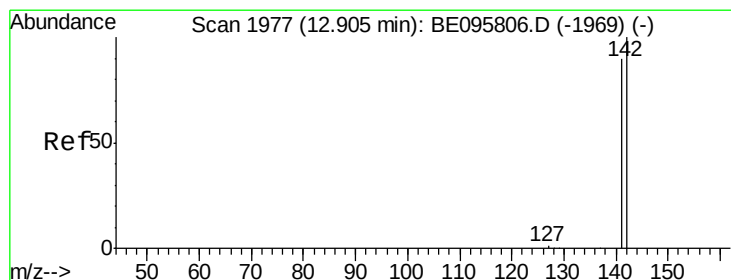
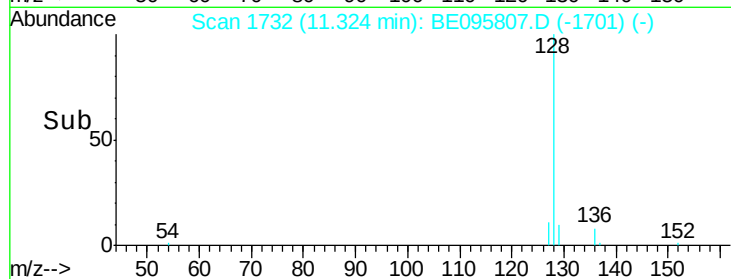
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.034 ng/ul

RT: 12.90 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BE095807.D

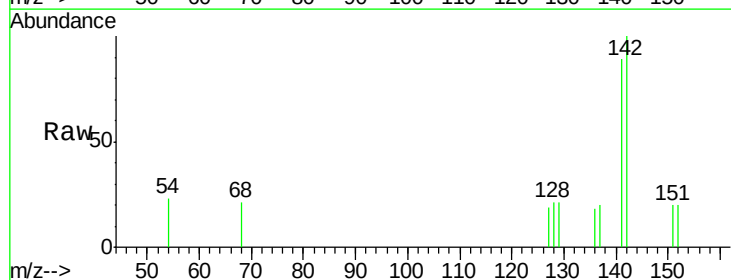
Acq: 15 Mar 2018 17:16

Tgt Ion:142 Resp: 371

Ion Ratio Lower Upper

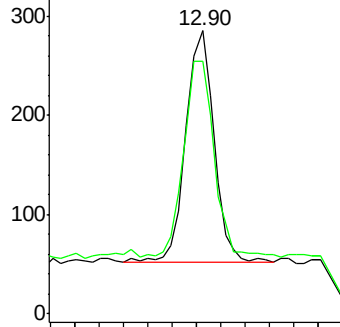
142 100

141 90.8 72.6 108.8

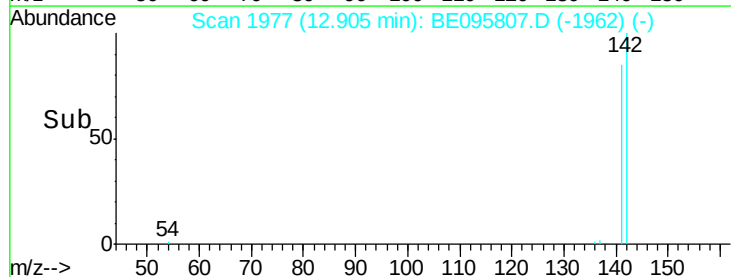


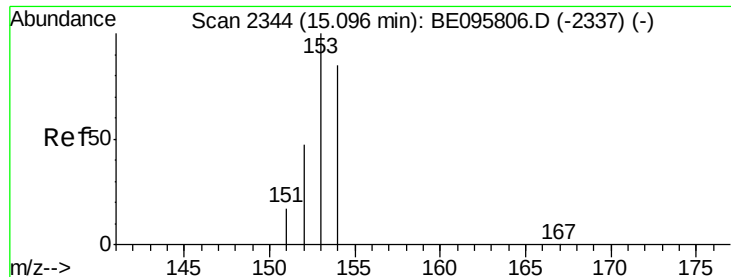
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#8

Acenaphthene

Concen: 0.050 ng/ul

RT: 15.10 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BE095807.D

Acq: 15 Mar 2018 17:16

Instrument :

BNA_E

ClientSampleId :

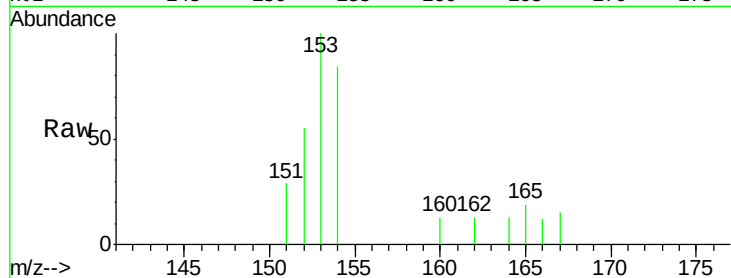
Tot Ion:153 Resp: 576

Ion Ratio Lower Upper

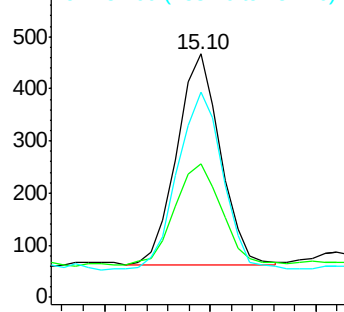
153 100

152 55.0 36.0 54.0#

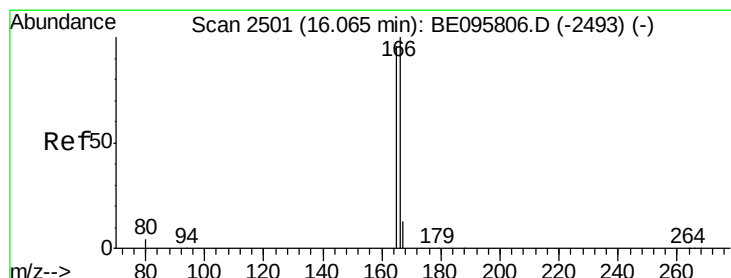
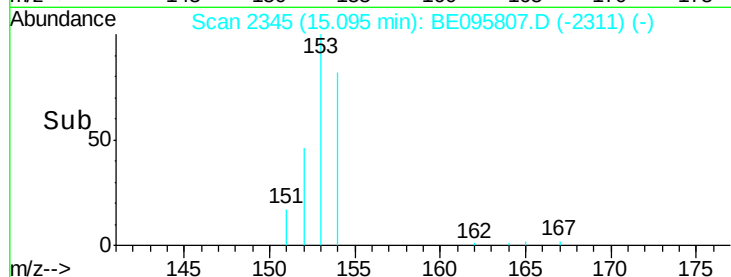
154 84.2 72.0 108.0



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



Time-->



#9

Fluorene

Concen: 0.041 ng/ul

RT: 16.07 min Scan# 2502

Delta R.T. 0.00 min

Lab File: BE095807.D

Acq: 15 Mar 2018 17:16

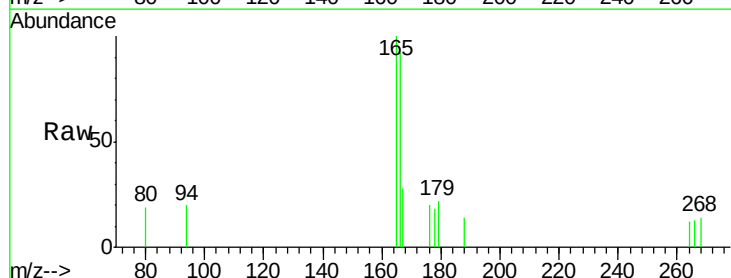
Tgt Ion:166 Resp: 511

Ion Ratio Lower Upper

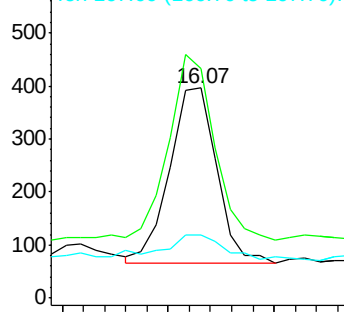
166 100

165 109.1 73.4 110.2

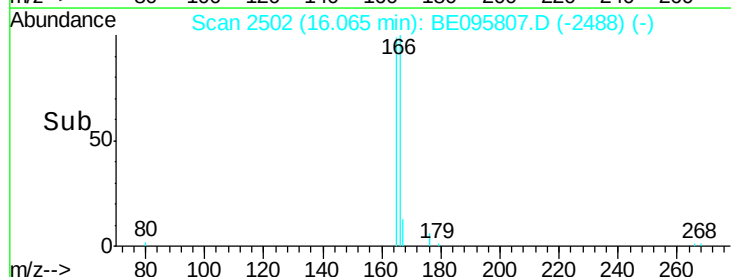
167 30.1 14.6 22.0#

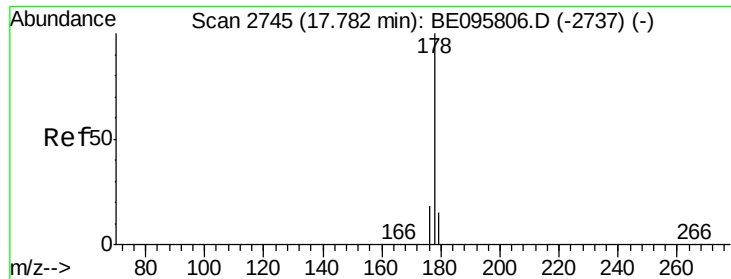


Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



Time-->





#12

Phenanthrene

Concen: 0.041 ng/ul

RT: 17.87 min Scan# 2759

Delta R.T. 0.09 min

Lab File: BE095807.D

Acq: 15 Mar 2018 17:16

Instrument :

BNA_E

ClientSampleId :

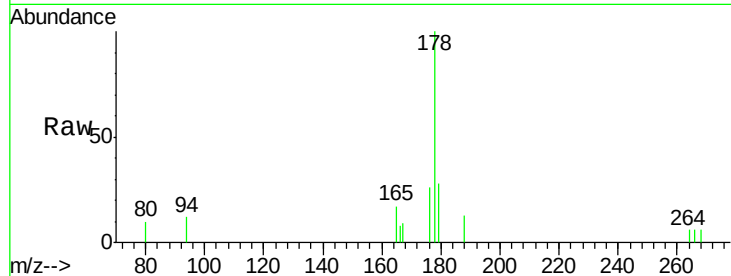
Tot Ion:178 Resp: 3821

Ion Ratio Lower Upper

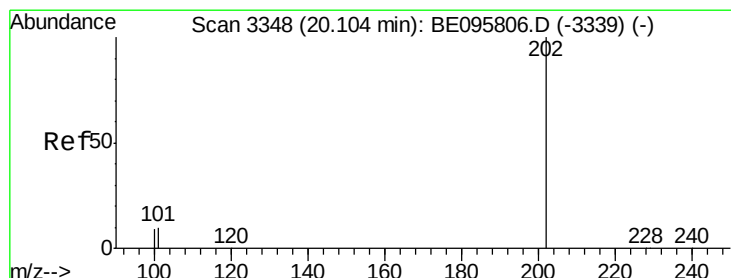
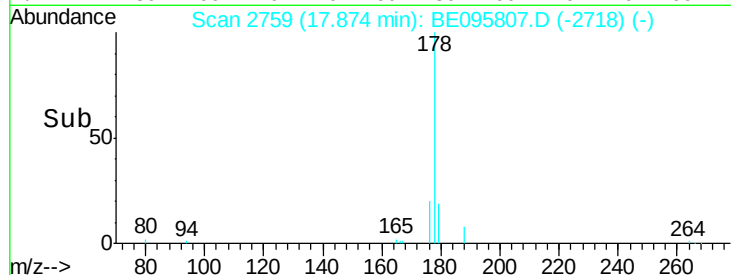
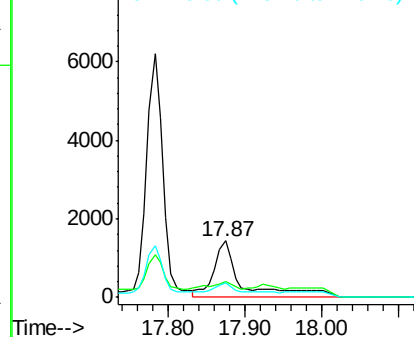
178 100

179 27.9 18.4 27.6#

176 26.2 13.6 20.4#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#17

Pyrene

Concen: 45.598 ng/ul

RT: 20.10 min Scan# 3348

Delta R.T. -0.00 min

Lab File: BE095807.D

Acq: 15 Mar 2018 17:16

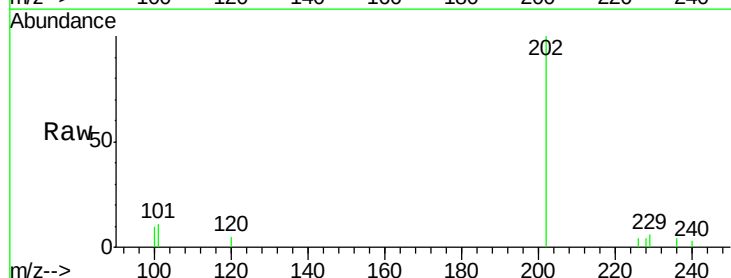
Tgt Ion:202 Resp: 10908

Ion Ratio Lower Upper

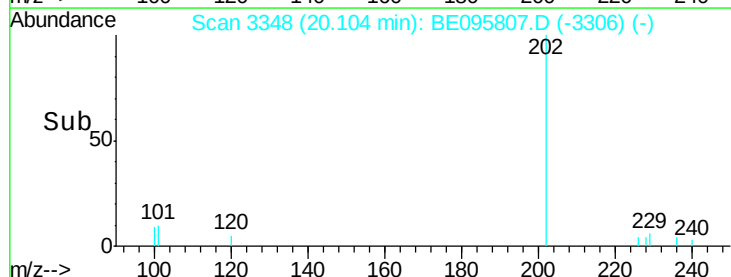
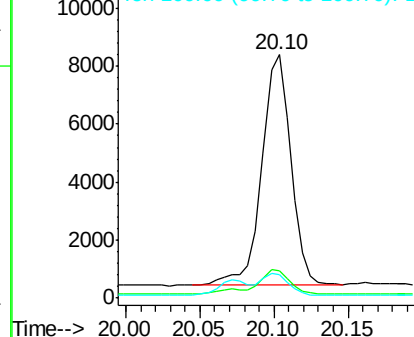
202 100

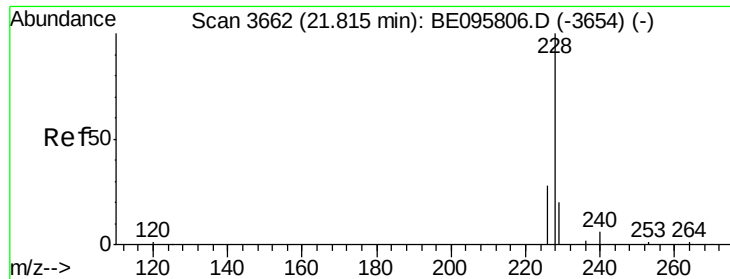
101 11.0 18.2 27.4#

100 9.6 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: 3.611 ng/ul

RT: 22.01 min Scan# 3690

Delta R.T. 0.20 min

Lab File: BE095807.D

Acq: 15 Mar 2018 17:16

Instrument :

BNA_E

ClientSampleId :

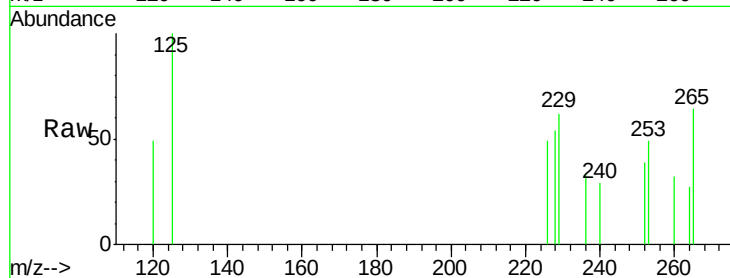
Tot Ion:228 Resp: 734

Ion Ratio Lower Upper

228 100

229 114.6 22.8 34.2#

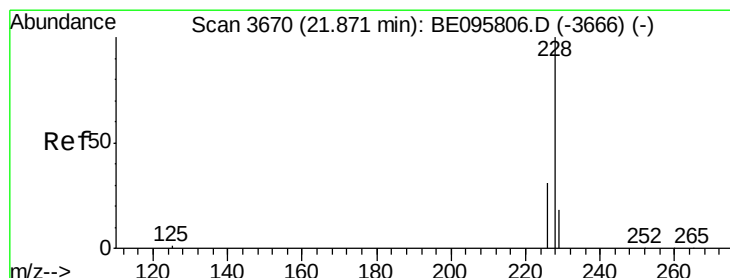
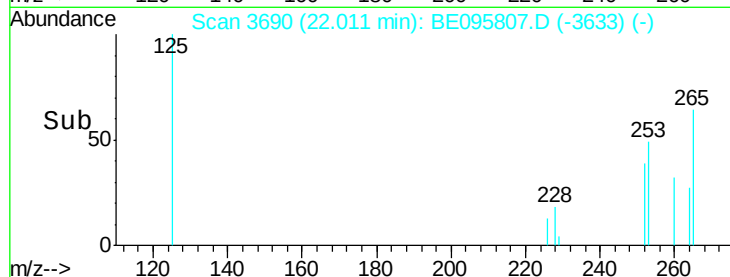
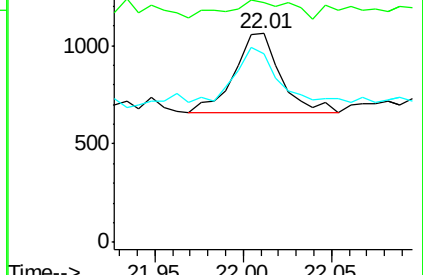
226 90.6 17.0 25.6#



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: 3.546 ng/ul

RT: 22.01 min Scan# 3690

Delta R.T. 0.14 min

Lab File: BE095807.D

Acq: 15 Mar 2018 17:16

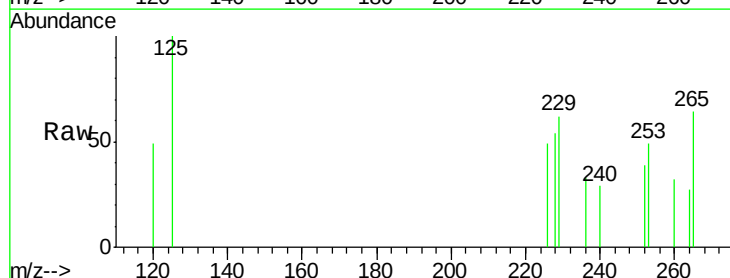
Tgt Ion:228 Resp: 734

Ion Ratio Lower Upper

228 100

226 90.6 23.4 35.0#

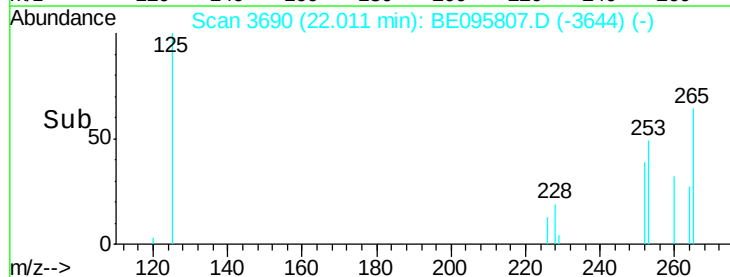
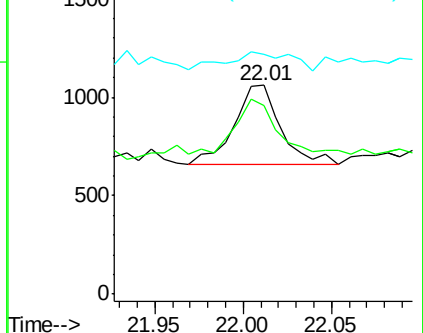
229 114.6 17.7 26.5#

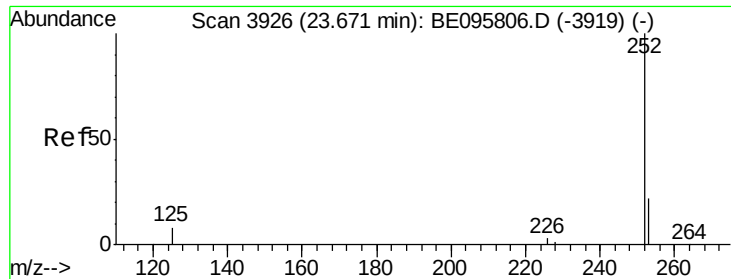


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.420 ng/ul

RT: 23.67 min Scan# 3926

Delta R.T. -0.00 min

Lab File: BE095807.D

Acq: 15 Mar 2018 17:16

Instrument :

BNA_E

ClientSampleId :

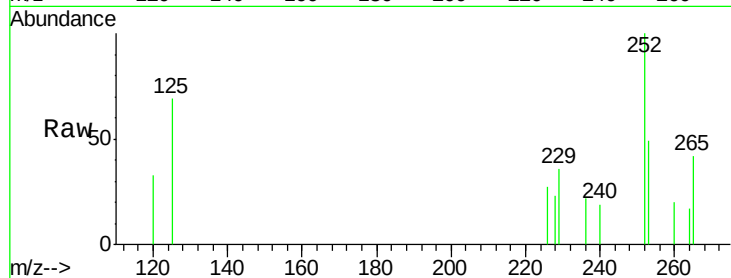
Tot Ion:252 Resp: 8434

Ion Ratio Lower Upper

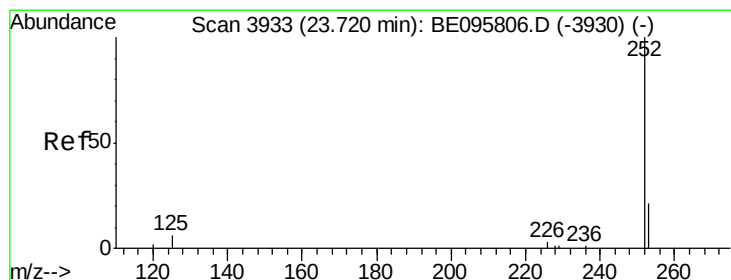
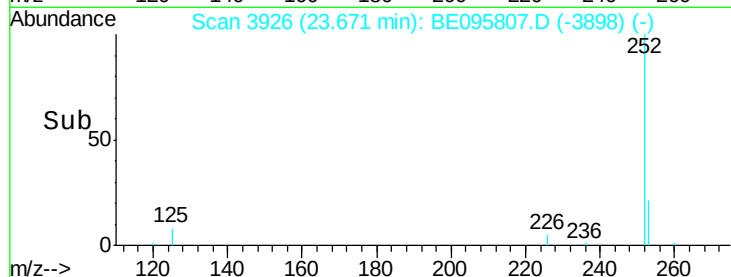
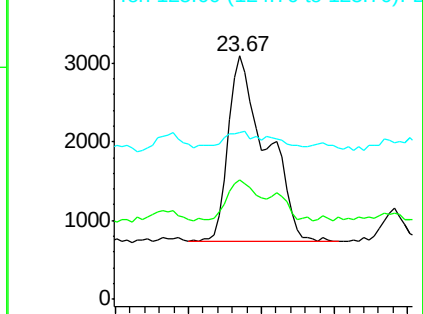
252 100

253 49.1 0.0 64.2

125 68.5 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: 0.442 ng/ul

RT: 23.67 min Scan# 3926

Delta R.T. -0.05 min

Lab File: BE095807.D

Acq: 15 Mar 2018 17:16

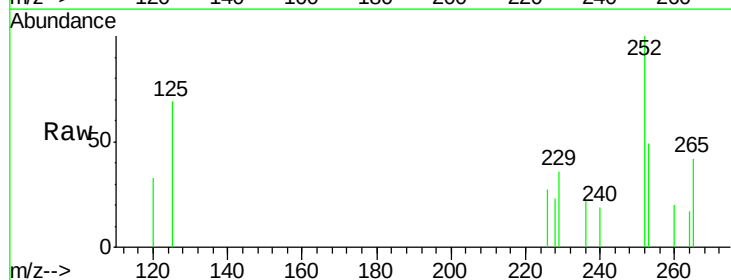
Tgt Ion:252 Resp: 8429

Ion Ratio Lower Upper

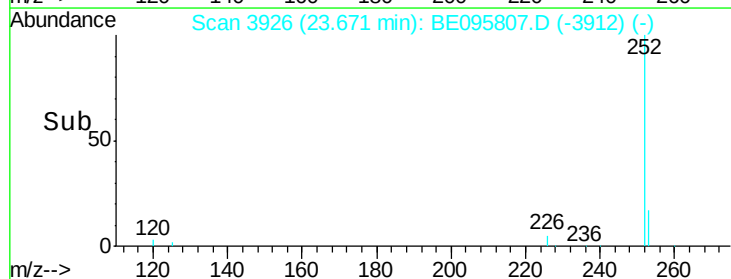
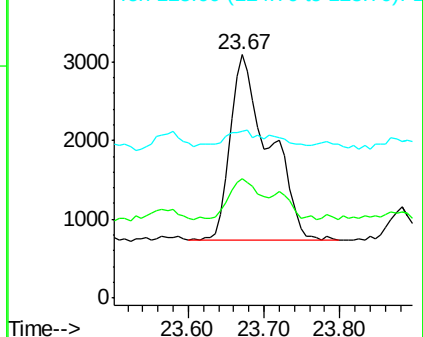
252 100

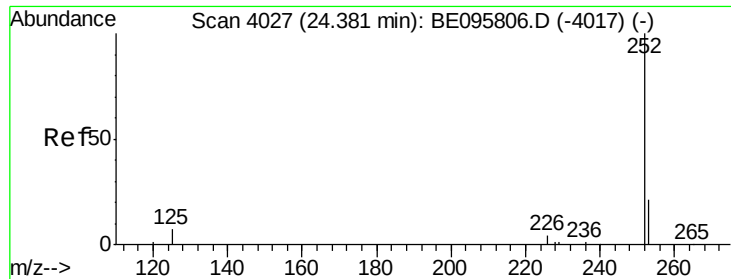
253 49.1 24.5 36.7#

125 68.5 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: 0.252 ng/ul

RT: 24.37 min Scan# 4026

Delta R.T. -0.01 min

Lab File: BE095807.D

Acq: 15 Mar 2018 17:16

Instrument :

BNA_E

ClientSampleId :

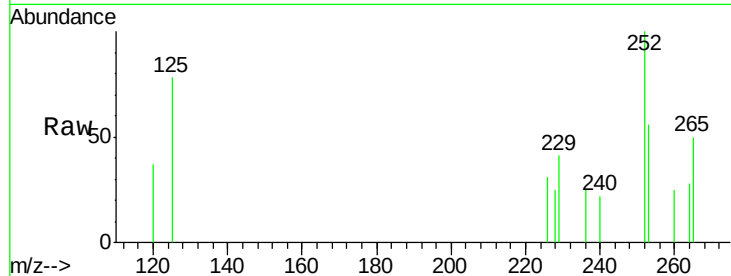
Tot Ion:252 Resp: 4624

Ion Ratio Lower Upper

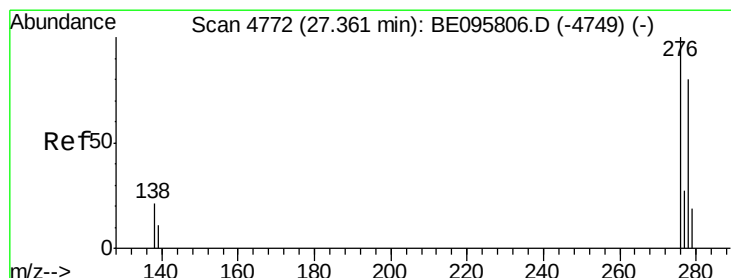
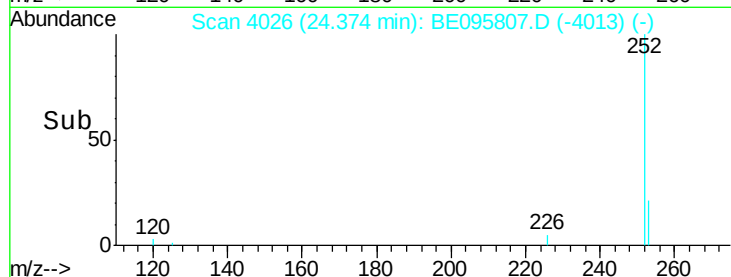
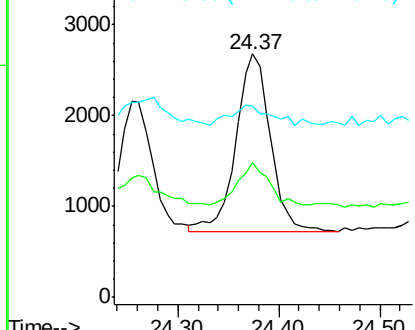
252 100

253 55.6 28.5 42.7#

125 78.4 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: 0.116 ng/ul

RT: 27.35 min Scan# 4768

Delta R.T. -0.01 min

Lab File: BE095807.D

Acq: 15 Mar 2018 17:16

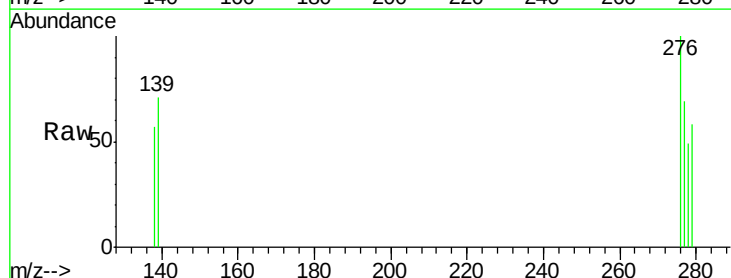
Tgt Ion:276 Resp: 2363

Ion Ratio Lower Upper

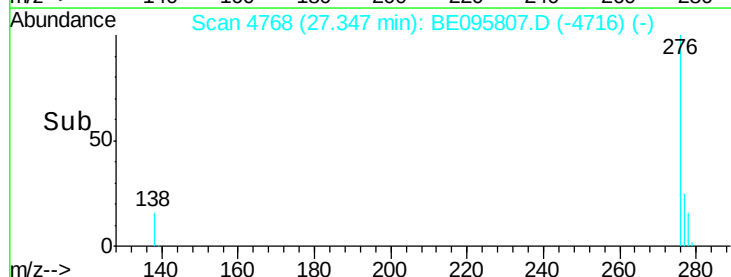
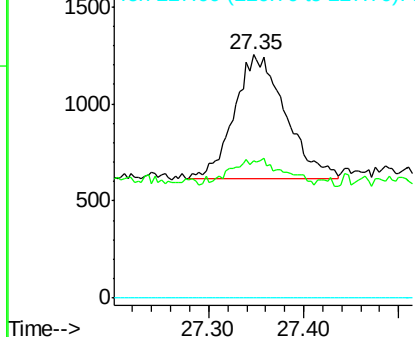
276 100

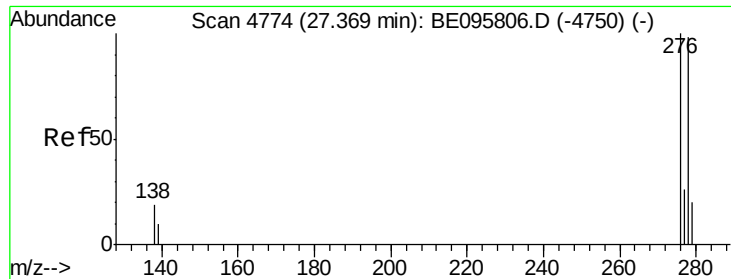
138 20.9 28.0 42.0#

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

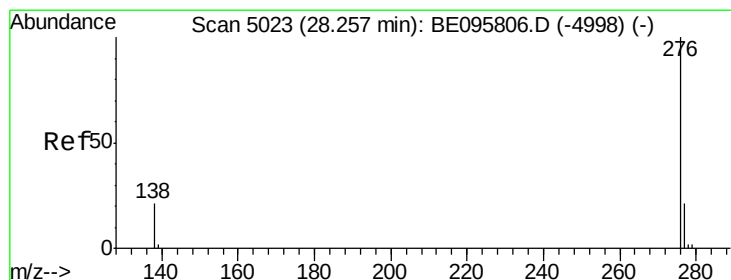
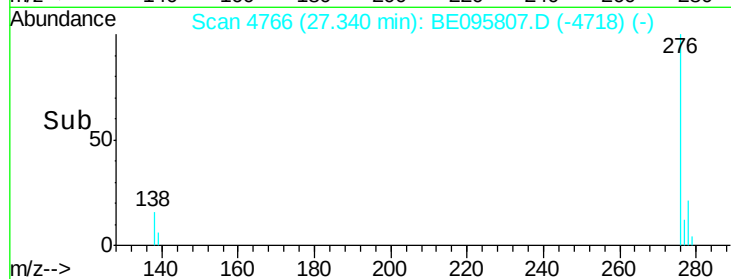
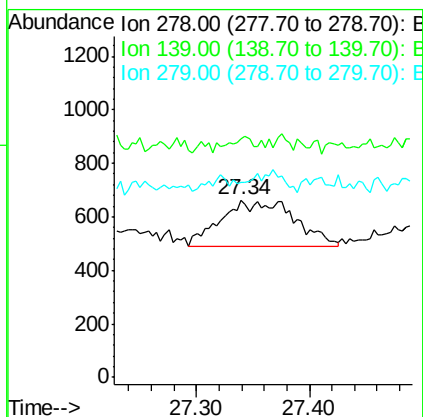
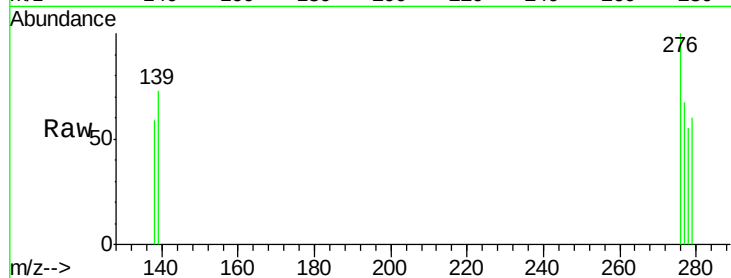




#25
Dibenzo(a,h)anthracene
Concen: 0.047 ng/ul
RT: 27.34 min Scan# 4766
Delta R.T. -0.03 min
Lab File: BE095807.D
Acq: 15 Mar 2018 17:16

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 756
Ion Ratio Lower Upper
278 100
139 134.2 17.4 26.0#
279 109.9 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.158 ng/ul
RT: 28.25 min Scan# 5022
Delta R.T. -0.00 min
Lab File: BE095807.D
Acq: 15 Mar 2018 17:16

Tgt Ion:276 Resp: 2760
Ion Ratio Lower Upper
276 100
138 54.3 21.8 32.8#
277 65.1 20.5 30.7#

