

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE103018\
 Data File : BE098109.D
 Acq On : 30 Oct 2018 11:36
 Operator : SJ/JU
 Sample : J5598-03DL 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 30 12:54:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 30 01:14:11 2018
 Response via : Initial Calibration

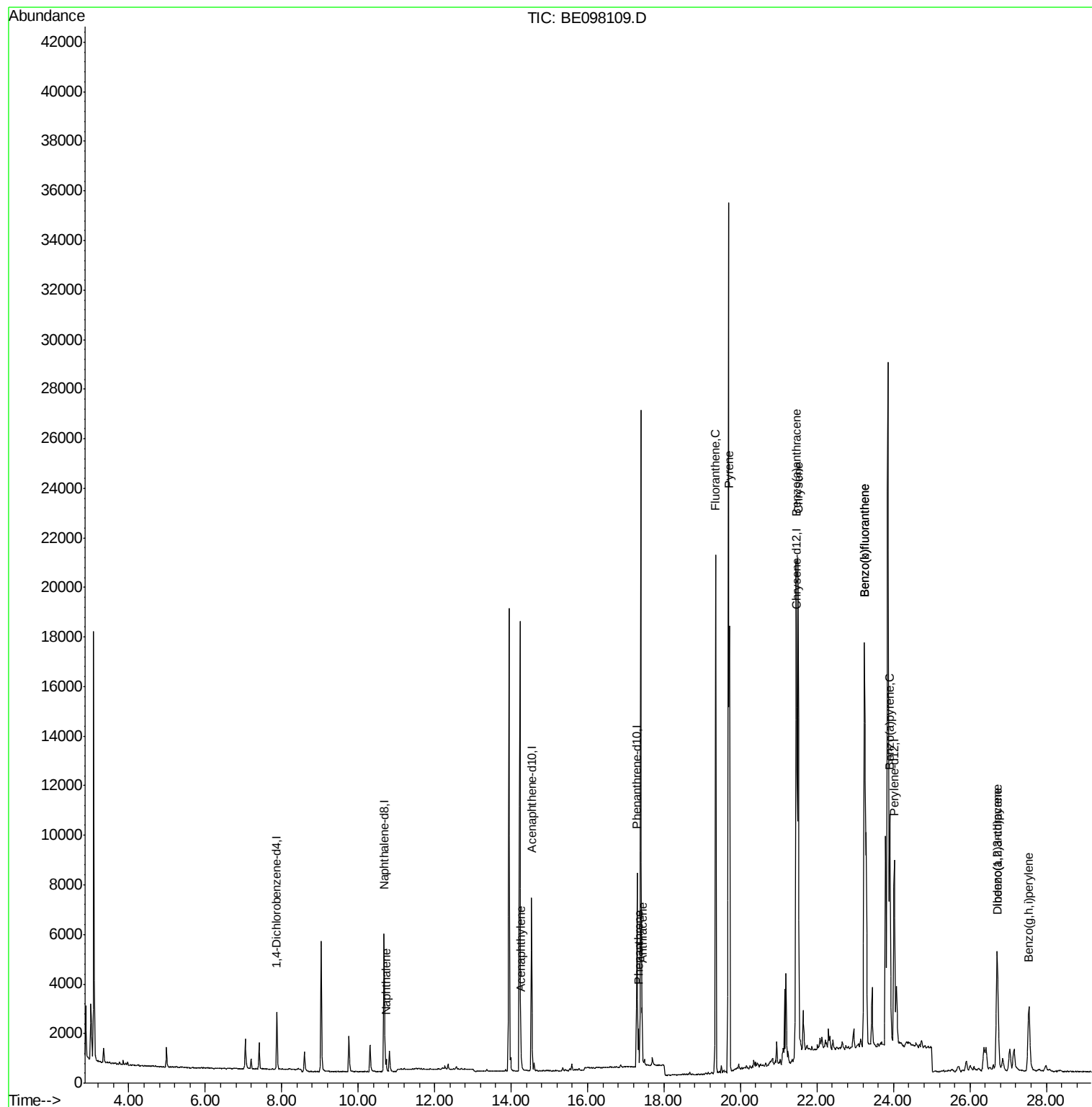
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1182	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	5889	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	4100	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.29	188	9666	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	13151	0.40	ng/ul	0.00
20) Perylene-d12	24.02	264	11121	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	174	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	533	0.02	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.73	128	706	0.050	ng/ul#	79
7) Acenaphthylene	14.26	152	1053	0.065	ng/ul#	87
12) Phenanthrene	17.33	178	1652	0.074	ng/ul	93
13) Anthracene	17.42	178	2382	0.108	ng/ul#	92
15) Fluoranthene	19.35	202	24760	0.871	ng/ul	99
17) Pyrene	19.71	202	25698	0.837	ng/ul	100
18) Benzo(a)anthracene	21.45	228	21104	0.546	ng/ul	99
19) Chrysene	21.51	228	21977	0.735	ng/ul	99
21) Benzo(b)fluoranthene	23.24	252	41916	1.360	ng/ul	99
22) Benzo(k)fluoranthene	23.24	252	41916	1.390	ng/ul	99
23) Benzo(a)pyrene	23.91	252	14757	0.498	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.71	276	10148	0.299	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.73	278	2656	0.094	ng/ul#	74
26) Benzo(g,h,i)perylene	27.54	276	7075	0.247	ng/ul#	97

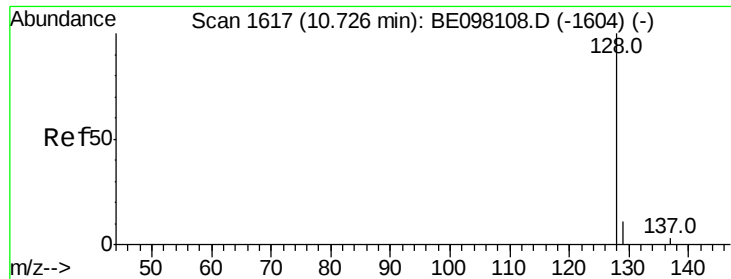
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 30 01:14:11 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.050 ng/ul

RT: 10.73 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BE098109.D

Acq: 30 Oct 2018 11:36

Instrument :

BNA_E

ClientSampleId :

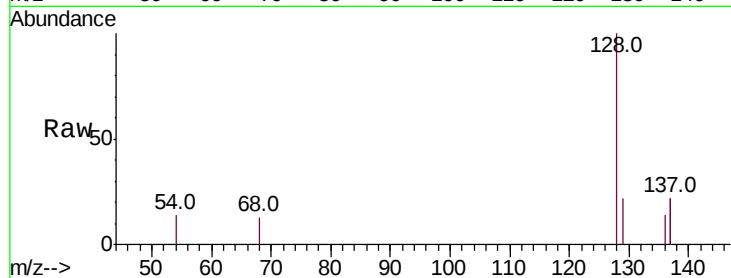
Tot Ion:128 Resp: 706

Ion Ratio Lower Upper

128 100

129 21.5 10.5 15.7#

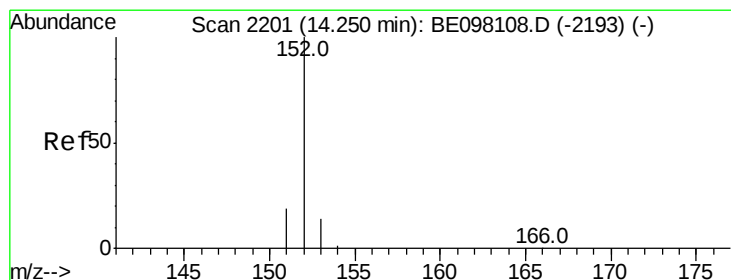
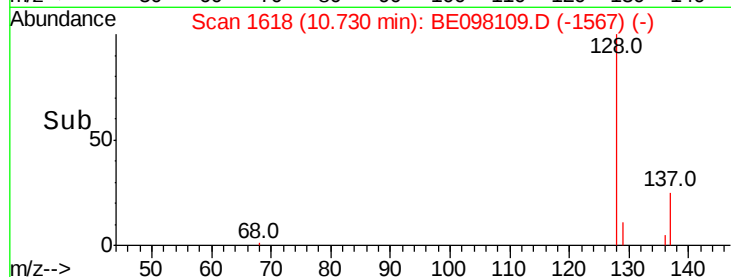
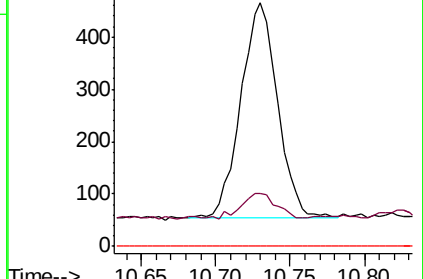
127 0.0 0.0 0.0



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



#7

Acenaphthylene

Concen: 0.065 ng/ul

RT: 14.26 min Scan# 2202

Delta R.T. 0.01 min

Lab File: BE098109.D

Acq: 30 Oct 2018 11:36

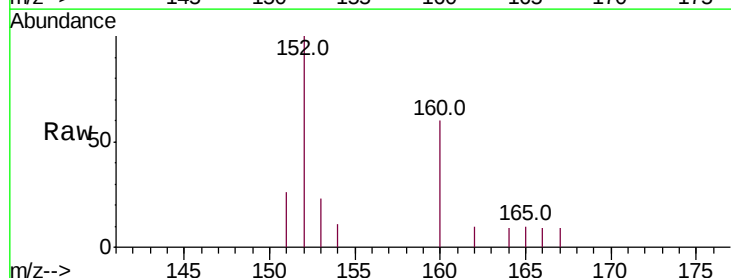
Tgt Ion:152 Resp: 1053

Ion Ratio Lower Upper

152 100

151 25.8 17.3 25.9

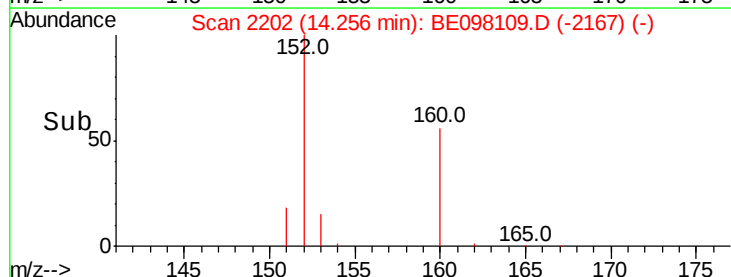
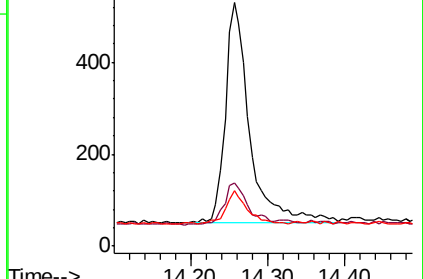
153 22.6 11.9 17.9#

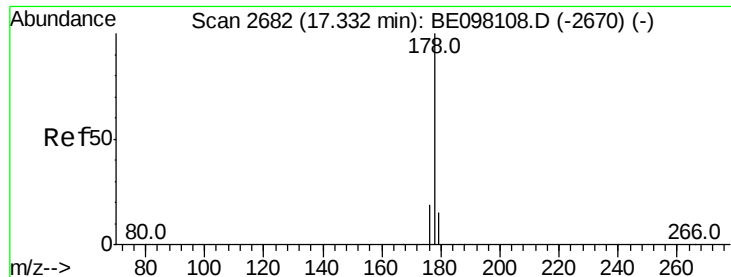


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#12

Phenanthrene

Concen: 0.074 ng/ul

RT: 17.33 min Scan# 2682

Delta R.T. -0.00 min

Lab File: BE098109.D

Acq: 30 Oct 2018 11:36

Instrument :

BNA_E

ClientSampleId :

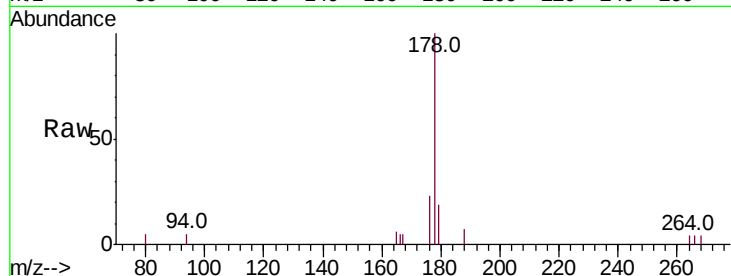
Tot Ion:178 Resp: 1652

Ion Ratio Lower Upper

178 100

179 19.4 13.0 19.4

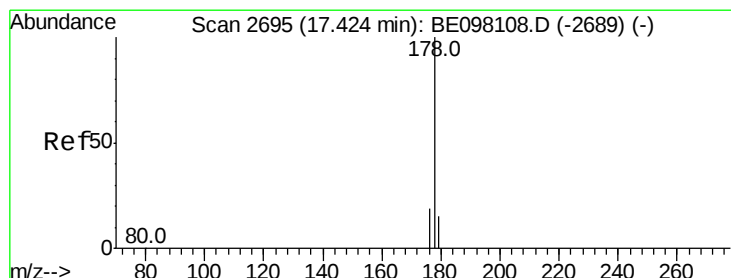
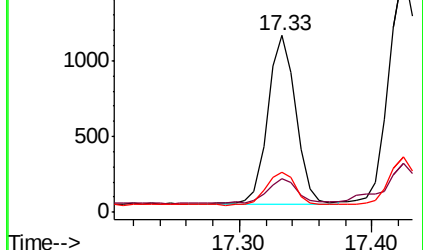
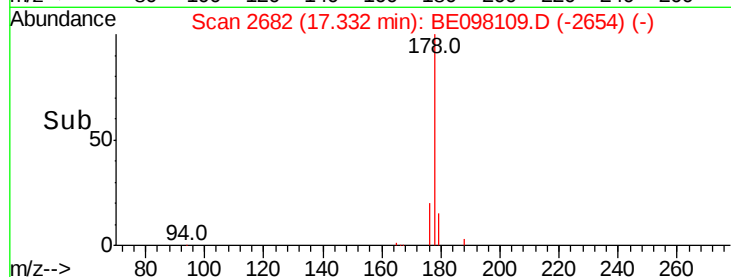
176 22.9 15.7 23.5



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



#13

Anthracene

Concen: 0.108 ng/ul

RT: 17.42 min Scan# 2695

Delta R.T. -0.00 min

Lab File: BE098109.D

Acq: 30 Oct 2018 11:36

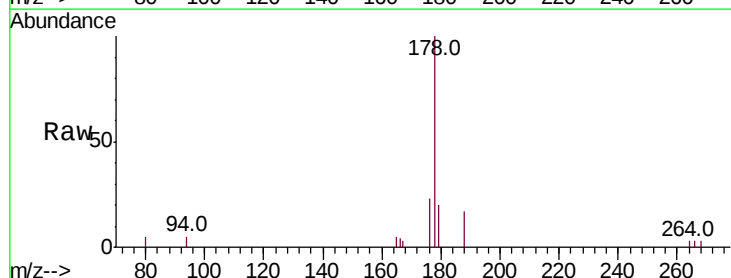
Tgt Ion:178 Resp: 2382

Ion Ratio Lower Upper

178 100

179 20.0 12.6 19.0#

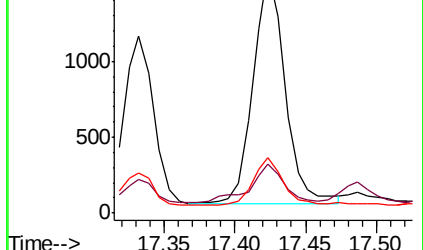
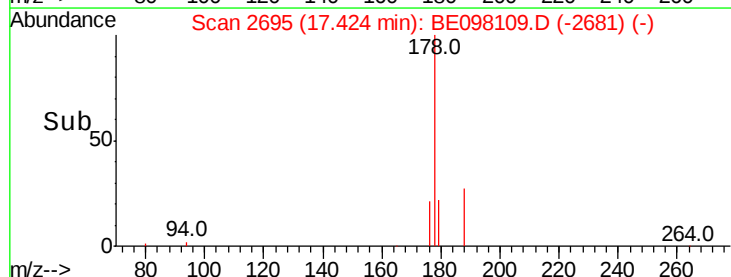
176 22.5 15.6 23.4

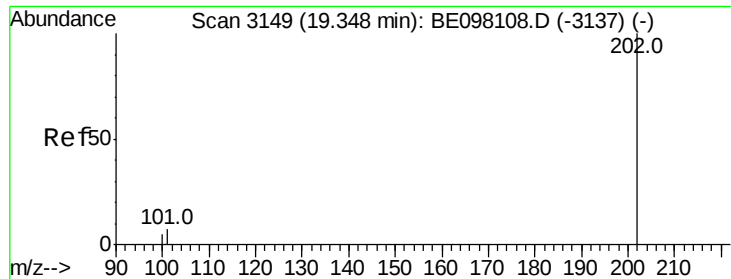


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

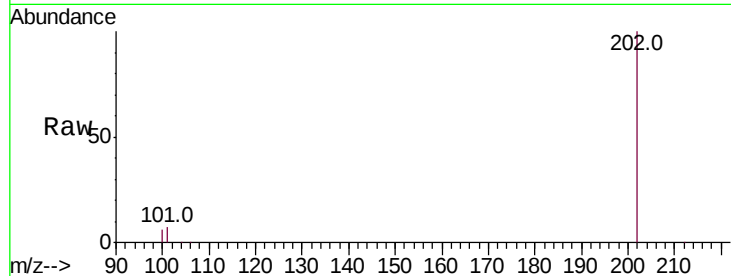




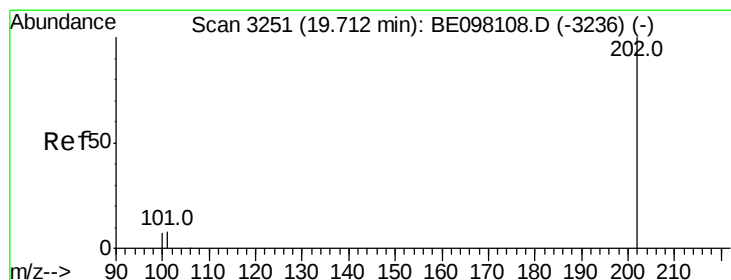
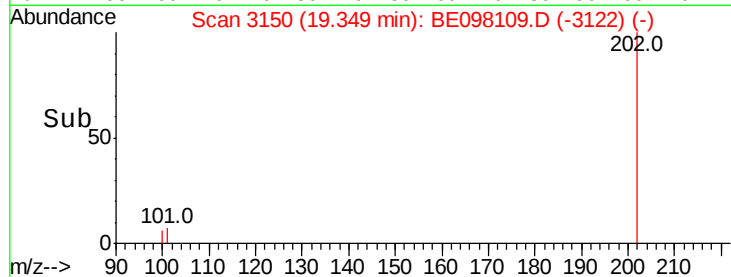
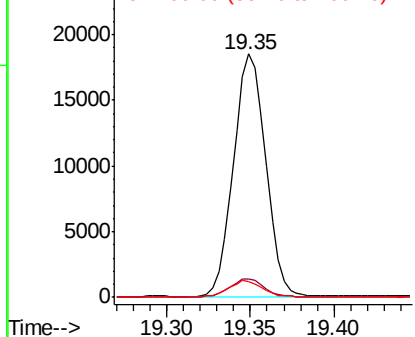
#15
Fluoranthene
 Concen: 0.871 ng/ul
 RT: 19.35 min Scan# 3150
 Delta R.T. 0.00 min
 Lab File: BE098109.D
 Acq: 30 Oct 2018 11:36

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	27.5
100	6.4	0.0	26.0

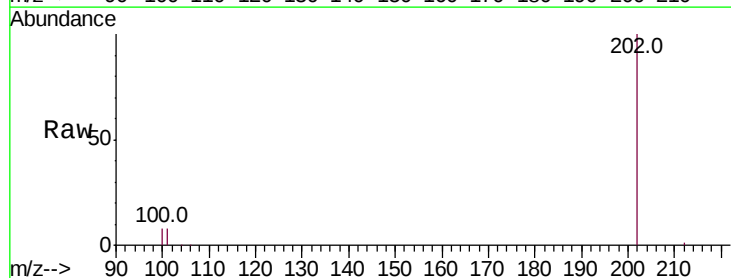


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): BE

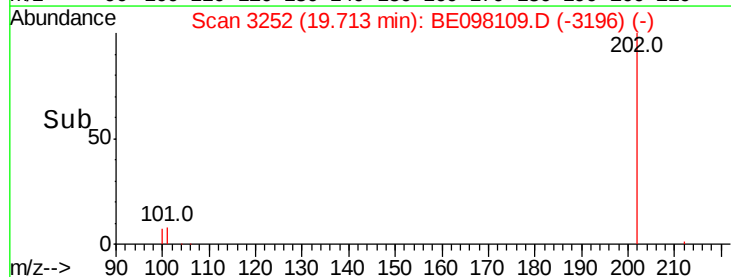
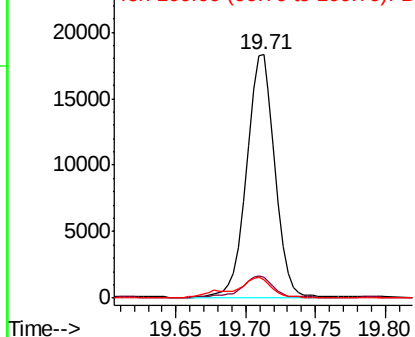


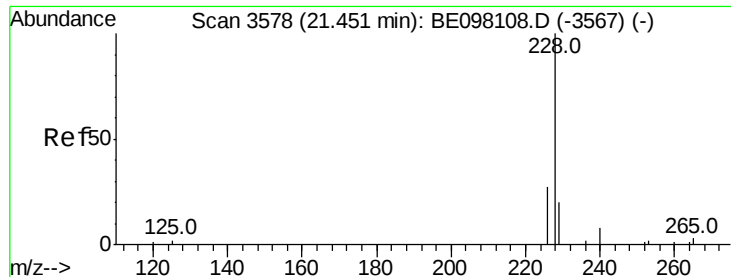
#17
Pyrene
 Concen: 0.837 ng/ul
 RT: 19.71 min Scan# 3252
 Delta R.T. 0.00 min
 Lab File: BE098109.D
 Acq: 30 Oct 2018 11:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.9	10.3
100	7.6	6.0	9.0



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): BE





#18

Benzo(a)anthracene

Concen: 0.546 ng/ul

RT: 21.45 min Scan# 3578

Delta R.T. 0.00 min

Lab File: BE098109.D

Acq: 30 Oct 2018 11:36

Instrument :

BNA_E

ClientSampleId :

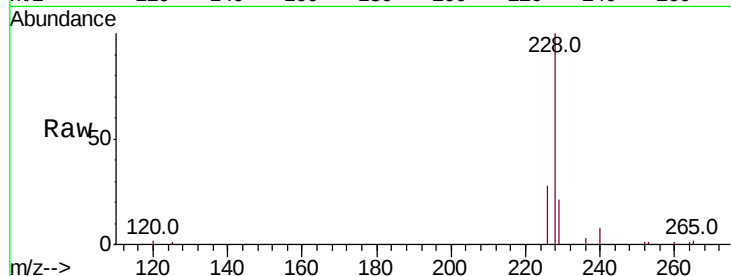
Tot Ion:228 Resp: 21104

Ion Ratio Lower Upper

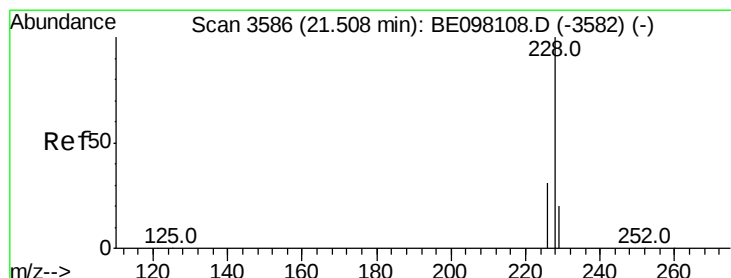
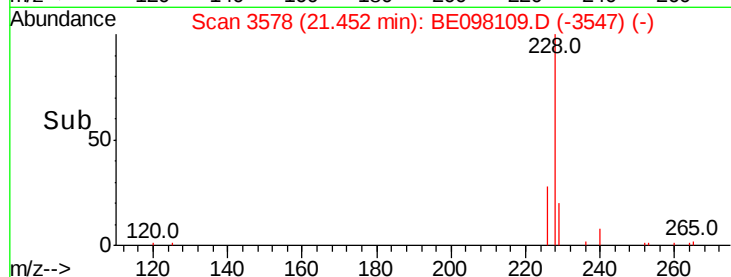
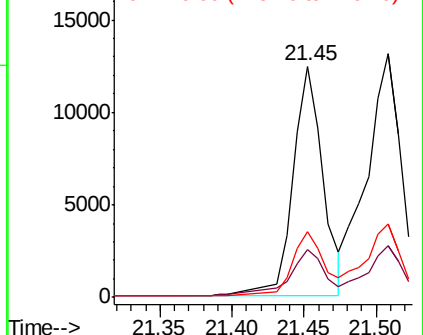
228 100

229 20.8 16.1 24.1

226 28.3 22.2 33.4



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: 0.735 ng/ul

RT: 21.51 min Scan# 3586

Delta R.T. 0.00 min

Lab File: BE098109.D

Acq: 30 Oct 2018 11:36

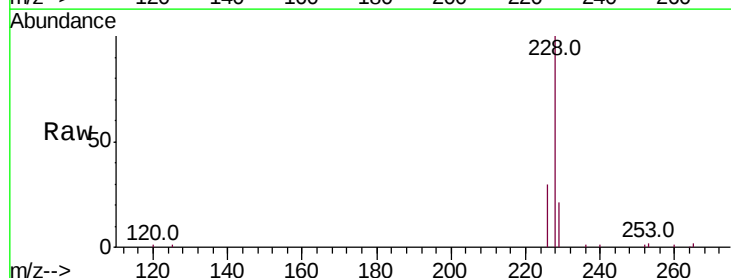
Tgt Ion:228 Resp: 21977

Ion Ratio Lower Upper

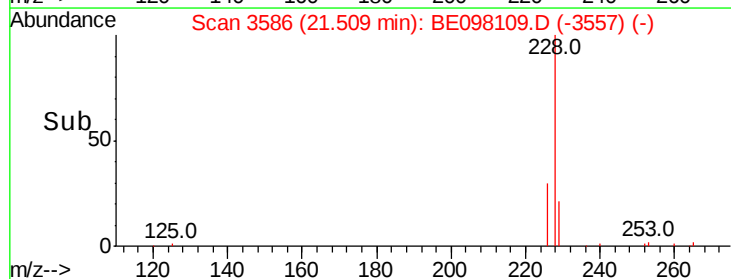
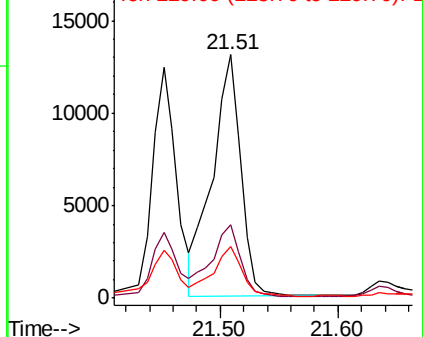
228 100

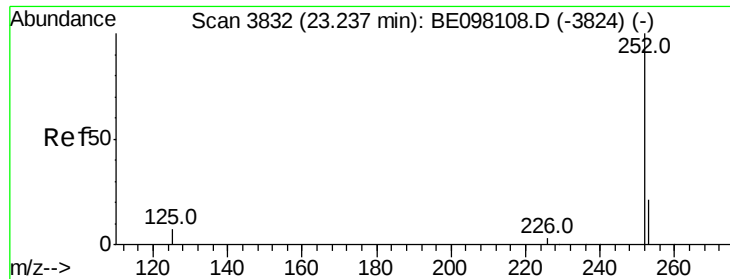
226 30.0 24.6 37.0

229 21.2 16.4 24.6



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: 1.360 ng/ul

RT: 23.24 min Scan# 3832

Delta R.T. 0.00 min

Lab File: BE098109.D

Acq: 30 Oct 2018 11:36

Instrument :

BNA_E

ClientSampleId :

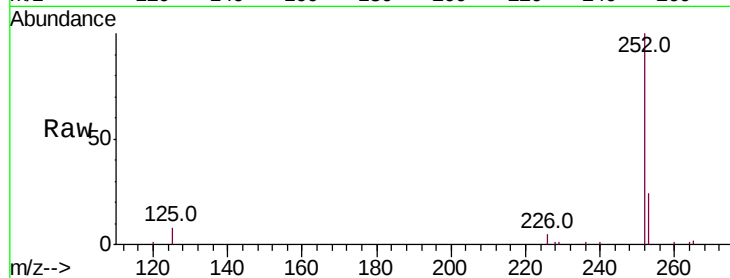
Tot Ion:252 Resp: 41916

Ion Ratio Lower Upper

252 100

253 23.5 0.0 47.8

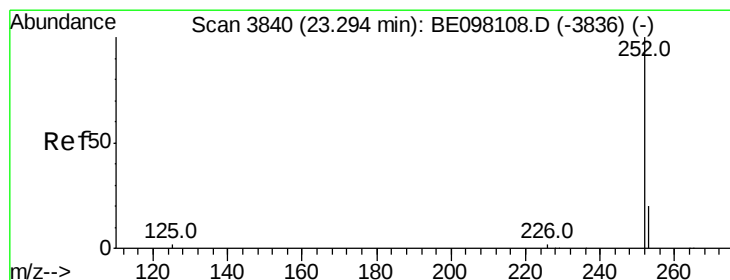
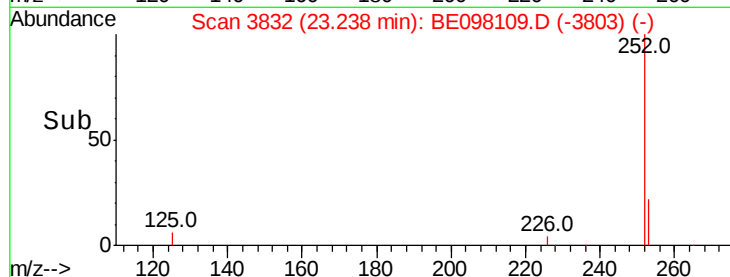
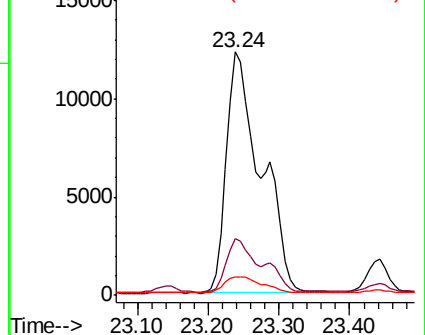
125 7.6 0.0 16.8



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: 1.390 ng/ul

RT: 23.24 min Scan# 3832

Delta R.T. -0.06 min

Lab File: BE098109.D

Acq: 30 Oct 2018 11:36

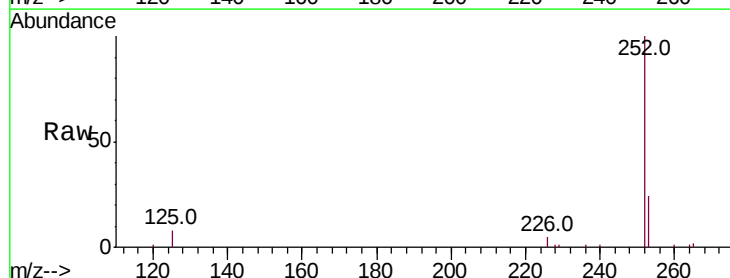
Tgt Ion:252 Resp: 41916

Ion Ratio Lower Upper

252 100

253 23.5 19.3 28.9

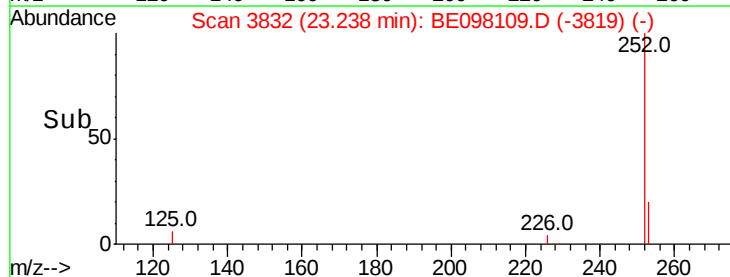
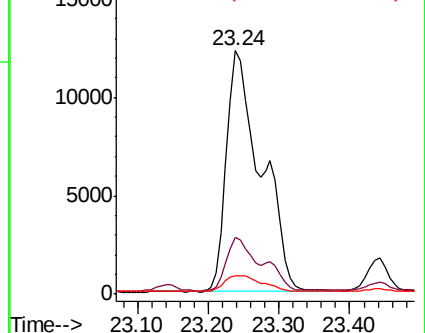
125 7.6 6.2 9.2

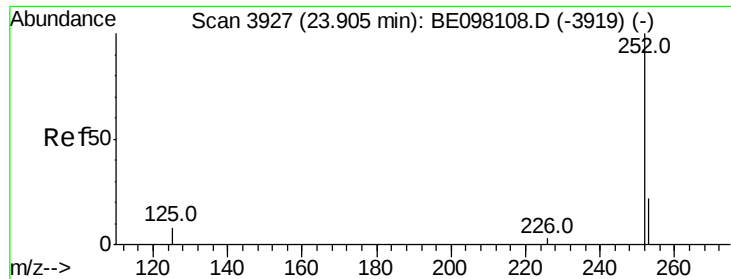


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.498 ng/ul

RT: 23.91 min Scan# 3927

Delta R.T. 0.00 min

Lab File: BE098109.D

Acq: 30 Oct 2018 11:36

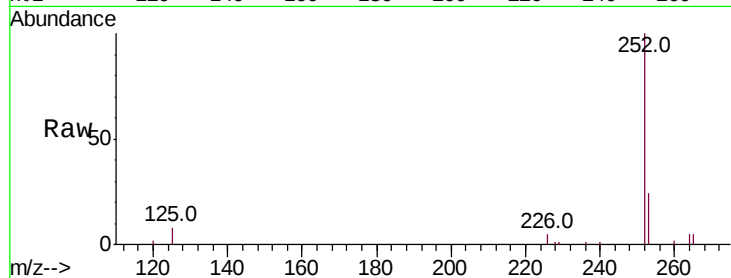
Instrument :

BNA_E

ClientSampleId :

Tot Ion:252 Resp: 14757

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.4	29.2
125	8.4	7.8	11.8

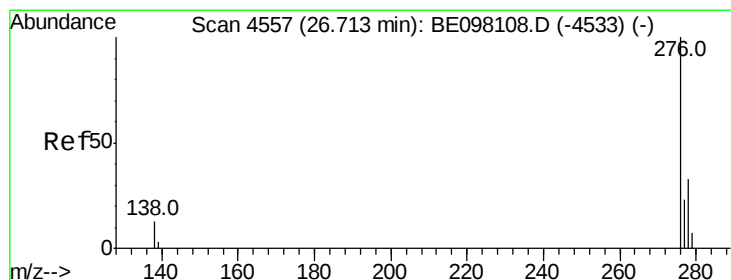
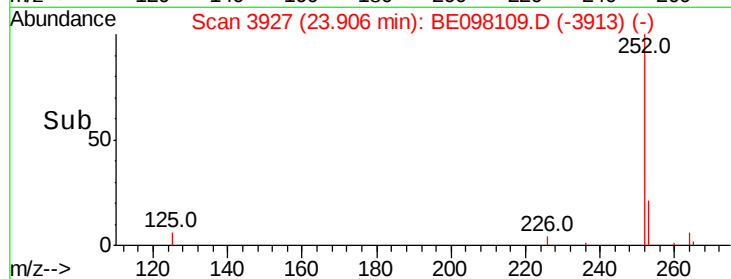
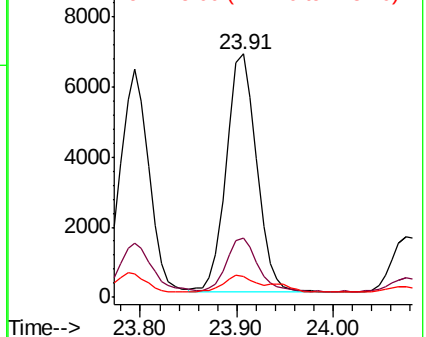


Abundance

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: 0.299 ng/ul

RT: 26.71 min Scan# 4557

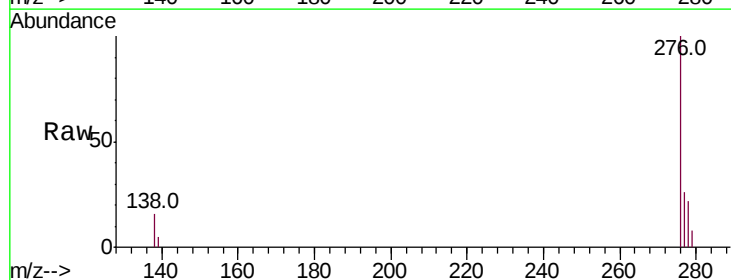
Delta R.T. 0.00 min

Lab File: BE098109.D

Acq: 30 Oct 2018 11:36

Tgt Ion:276 Resp: 10148

Ion	Ratio	Lower	Upper
276	100		
138	13.2	11.8	17.8
227	0.0	0.0	0.0

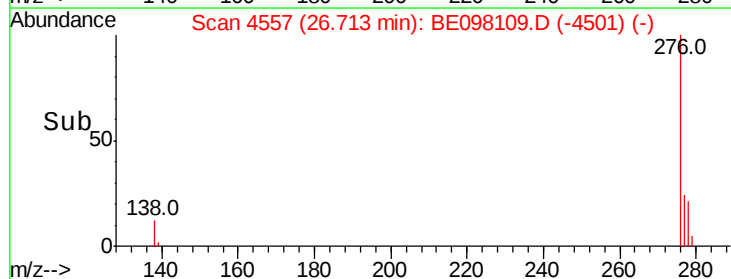
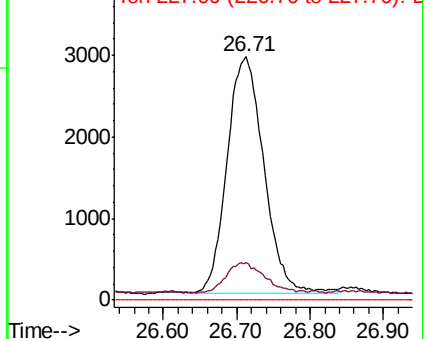


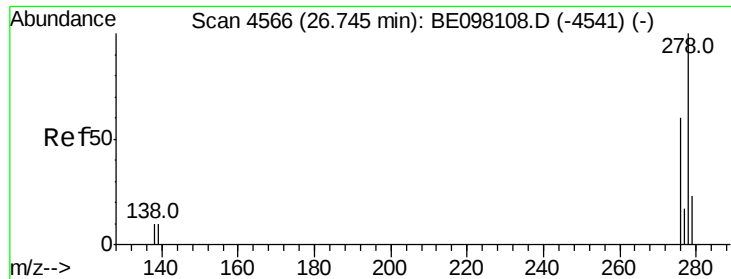
Abundance

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



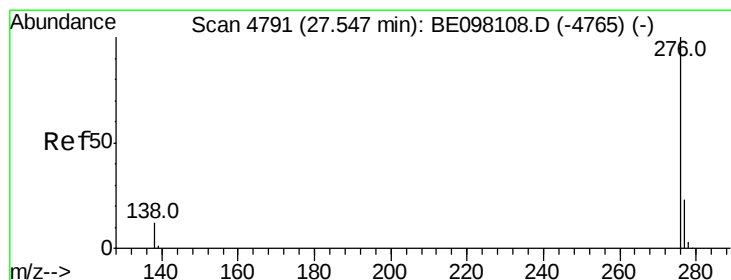
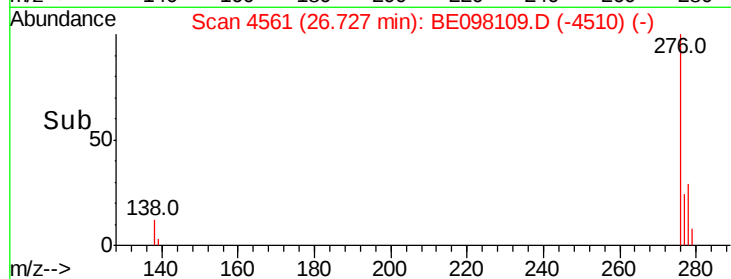
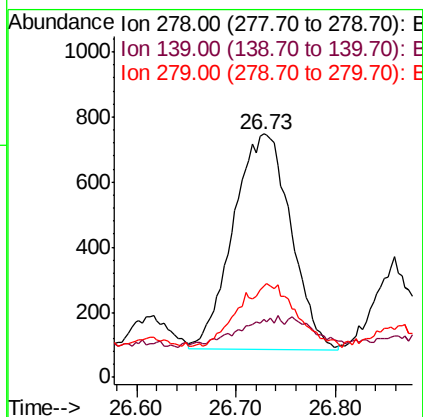
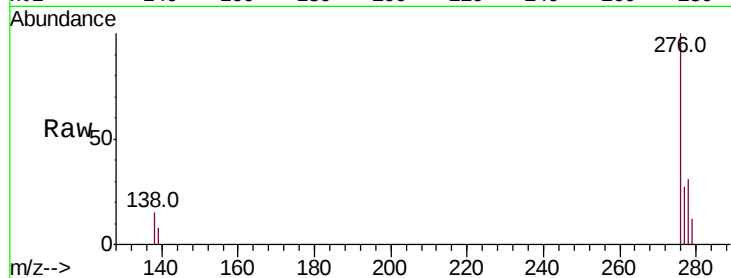


#25
Dibenzo(a,h)anthracene
Concen: 0.094 ng/ul
RT: 26.73 min Scan# 4561
Delta R.T. -0.02 min
Lab File: BE098109.D
Acq: 30 Oct 2018 11:36

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 2656

Ion	Ratio	Lower	Upper
278	100		
139	23.9	10.0	15.0#
279	37.7	20.3	30.5#



#26
Benzo(g,h,i)perylene
Concen: 0.247 ng/ul
RT: 27.54 min Scan# 4788
Delta R.T. -0.01 min
Lab File: BE098109.D
Acq: 30 Oct 2018 11:36

Tgt Ion:276 Resp: 7075

Ion	Ratio	Lower	Upper
276	100		
138	17.6	11.6	17.4#
277	26.2	20.8	31.2

