

Data File : BE098101.D
Acq On : 26 Oct 2018 22:47
Operator : SJ/JU
Sample : J5598-12DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AD6DL

Quant Time: Oct 27 00:37:58 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 : Sat Oct 27 00:33:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1087	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	5561	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	4004	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.29	188	9602	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	13130	0.40	ng/ul	0.00
20) Perylene-d12	24.02	264	11125	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	261	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	769	0.02	ng/ul	0.00

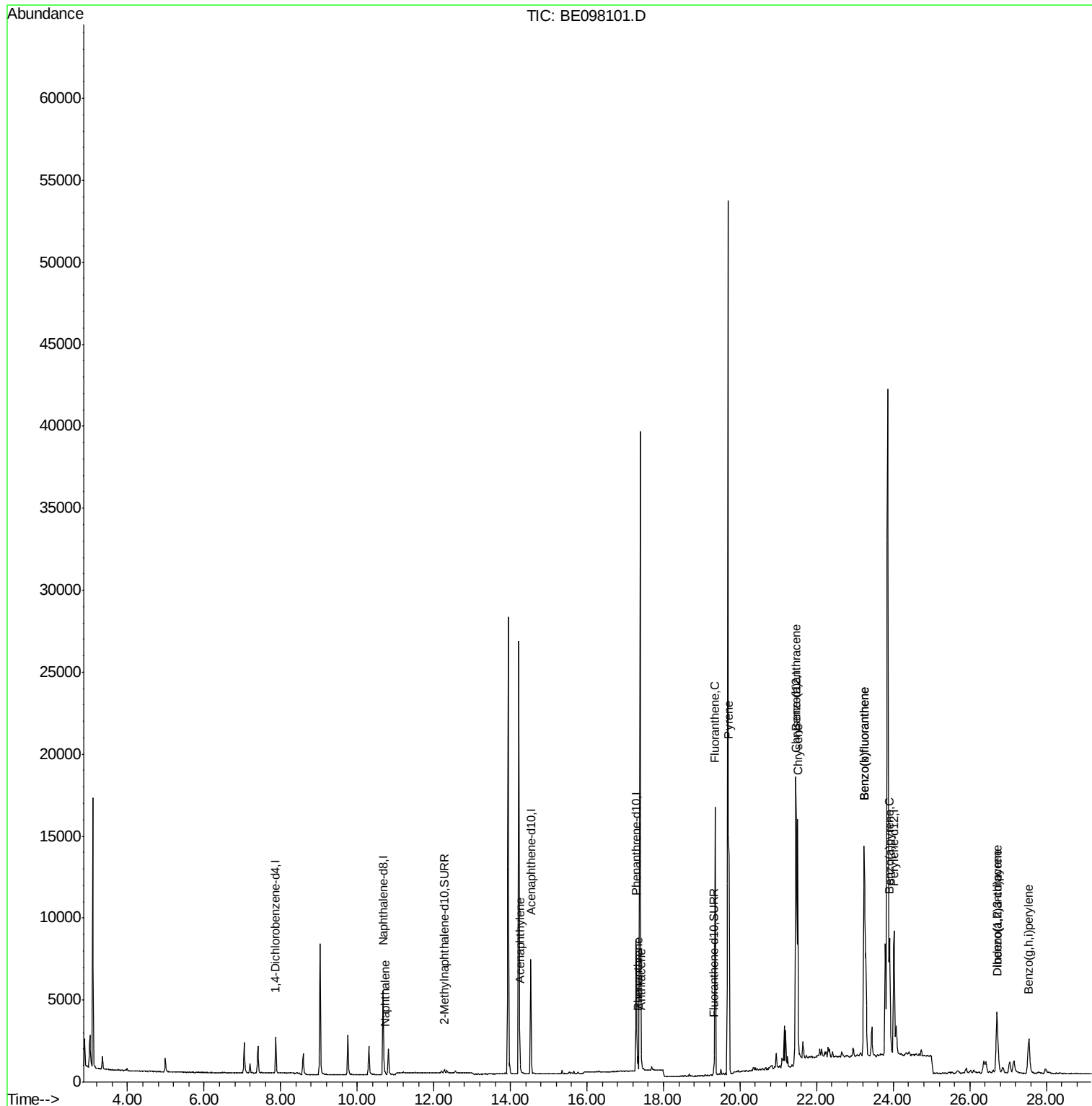
Target Compounds				Qvalue		
3) Naphthalene	10.72	128	286	0.021	ng/ul#	54
7) Acenaphthylene	14.25	152	771	0.049	ng/ul#	87
12) Phenanthrene	17.33	178	922	0.042	ng/ul#	90
13) Anthracene	17.42	178	543	0.025	ng/ul#	74
15) Fluoranthene	19.35	202	19031	0.674	ng/ul	99
17) Pyrene	19.71	202	20245	0.660	ng/ul	99
18) Benzo(a)anthracene	21.45	228	16046	0.416	ng/ul	98
19) Chrysene	21.51	228	16460	0.551	ng/ul	99
21) Benzo(b)fluoranthene	23.24	252	31644	1.027	ng/ul	99
22) Benzo(k)fluoranthene	23.24	252	31644	1.049	ng/ul	99
23) Benzo(a)pyrene	23.91	252	10737	0.362	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.71	276	7203	0.212	ng/ul#	99
25) Dibenzo(a,h)anthracene	26.73	278	2070	0.073	ng/ul#	69
26) Benzo(g,h,i)perylene	27.54	276	5625	0.197	ng/ul#	97

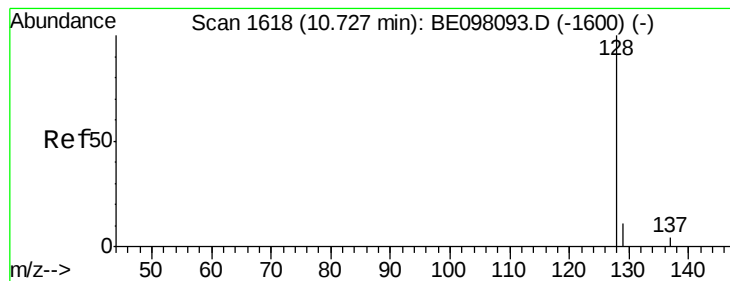
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.021 ng/ul

RT: 10.72 min Scan# 1617

Delta R.T. -0.00 min

Lab File: BE098101.D

Acq: 26 Oct 2018 22:47

Instrument :

BNA_E

ClientSampleId :

C0AD6DL

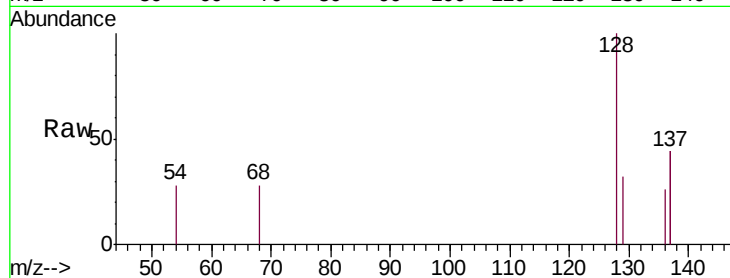
Tgt Ion:128 Resp: 286

Ion Ratio Lower Upper

128 100

129 31.6 10.5 15.7#

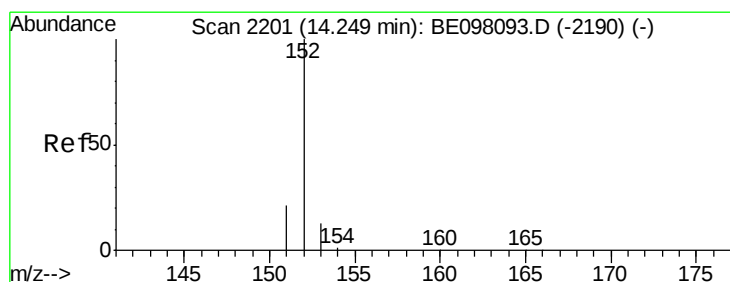
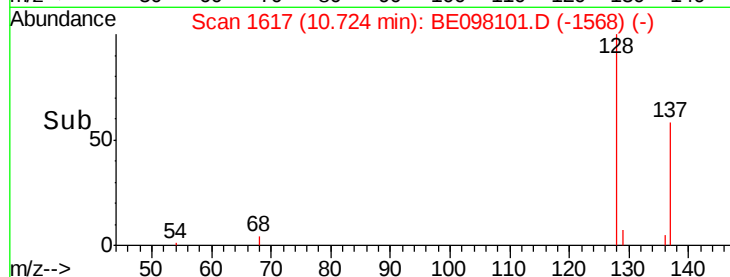
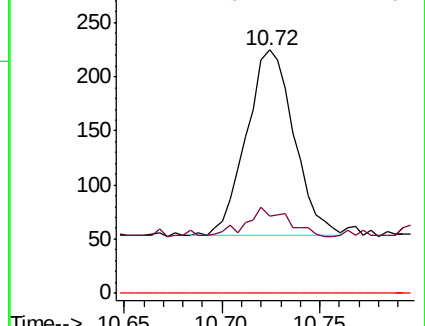
127 0.0 0.0 0.0



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: 0.049 ng/ul

RT: 14.25 min Scan# 2200

Delta R.T. 0.00 min

Lab File: BE098101.D

Acq: 26 Oct 2018 22:47

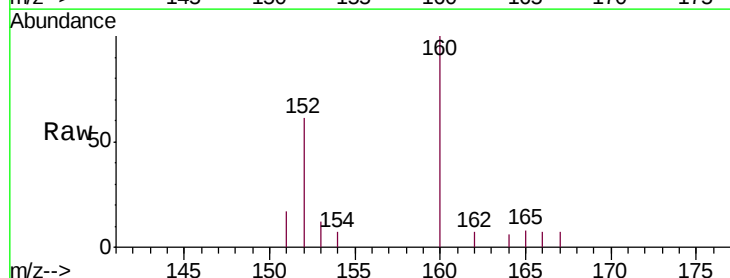
Tgt Ion:152 Resp: 771

Ion Ratio Lower Upper

152 100

151 28.1 17.3 25.9#

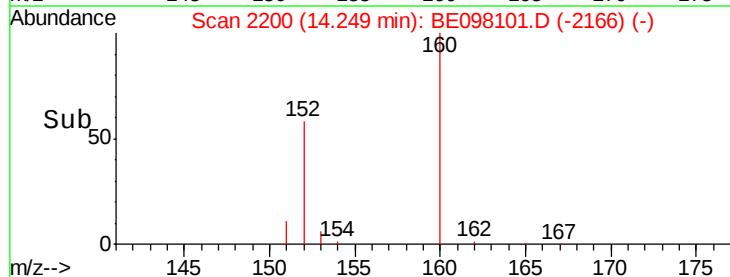
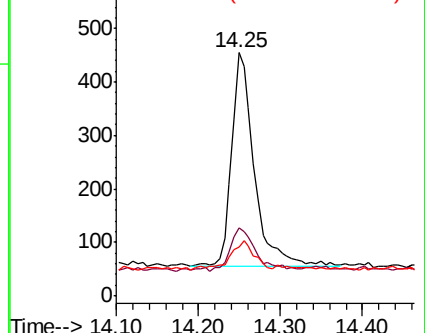
153 20.2 11.9 17.9#

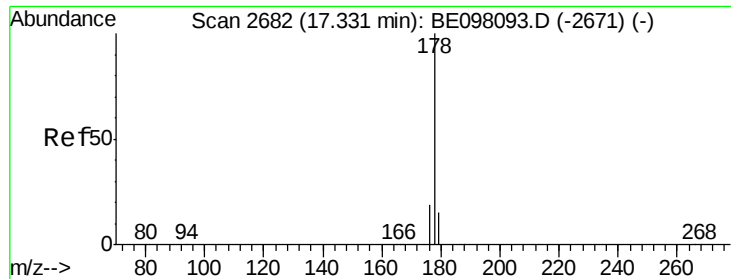


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#12

Phenanthrene

Concen: 0.042 ng/ul

RT: 17.33 min Scan# 2681

Delta R.T. -0.00 min

Lab File: BE098101.D

Acq: 26 Oct 2018 22:47

Instrument :

BNA_E

ClientSampleId :

C0AD6DL

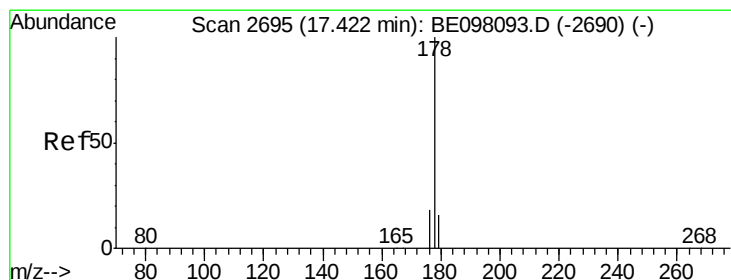
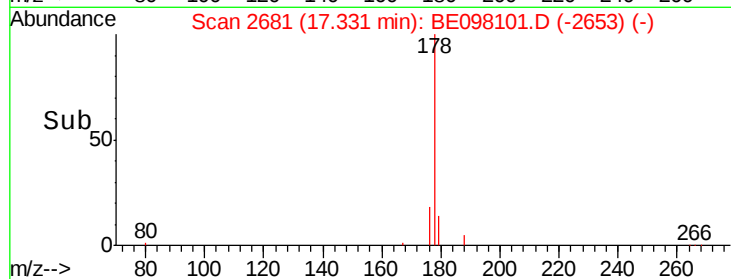
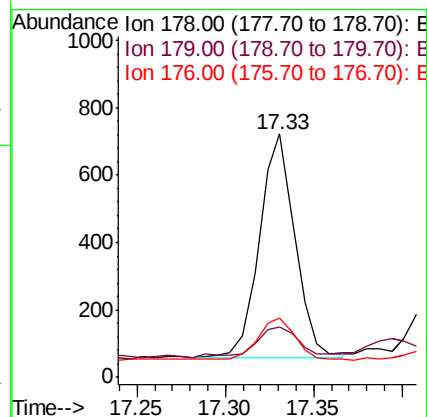
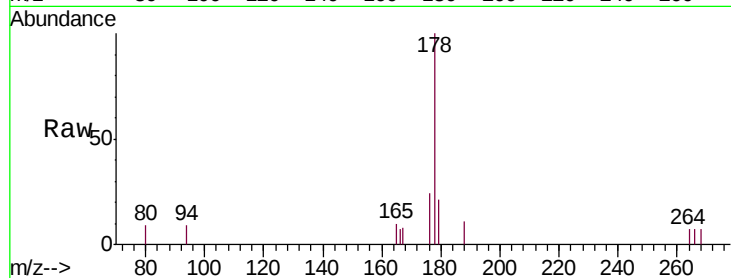
Tgt Ion:178 Resp: 922

Ion Ratio Lower Upper

178 100

179 20.9 13.0 19.4#

176 24.1 15.7 23.5#



#13

Anthracene

Concen: 0.025 ng/ul

RT: 17.42 min Scan# 2694

Delta R.T. -0.00 min

Lab File: BE098101.D

Acq: 26 Oct 2018 22:47

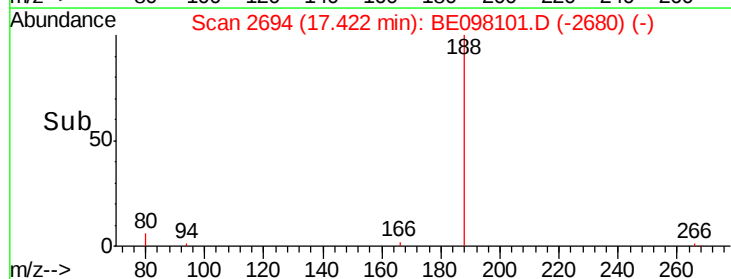
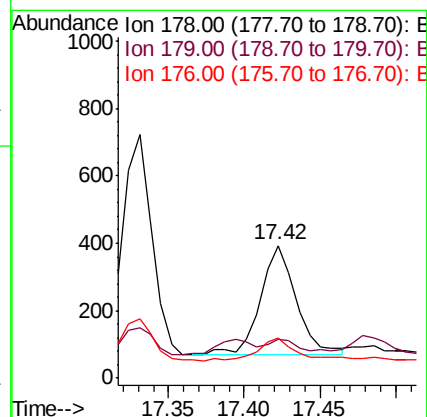
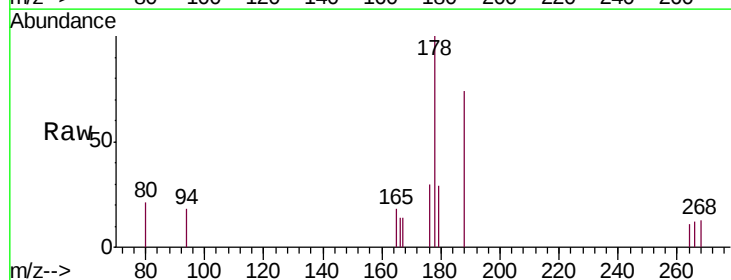
Tgt Ion:178 Resp: 543

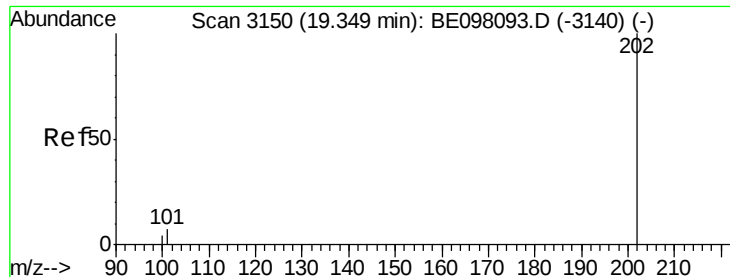
Ion Ratio Lower Upper

178 100

179 29.0 12.6 19.0#

176 29.8 15.6 23.4#





#15

Fluoranthene

Concen: 0.674 ng/ul

RT: 19.35 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BE098101.D

Acq: 26 Oct 2018 22:47

Instrument :

BNA_E

ClientSampleId :

C0AD6DL

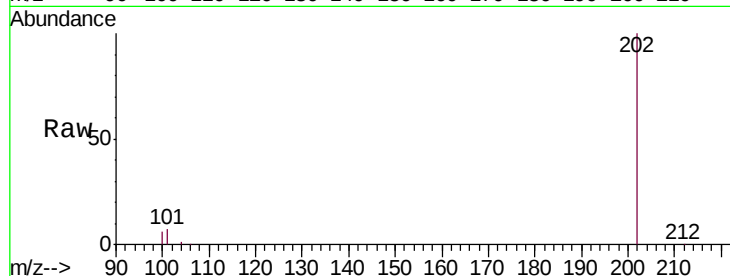
Tgt Ion:202 Resp: 19031

Ion Ratio Lower Upper

202 100

101 7.2 0.0 27.5

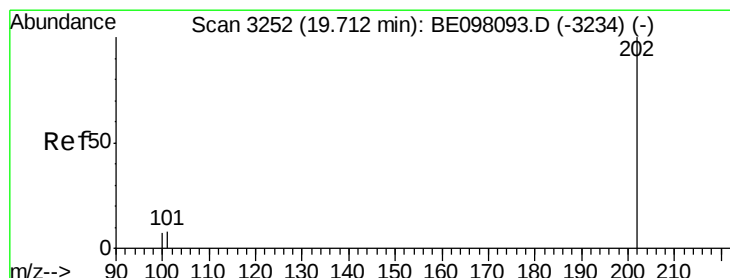
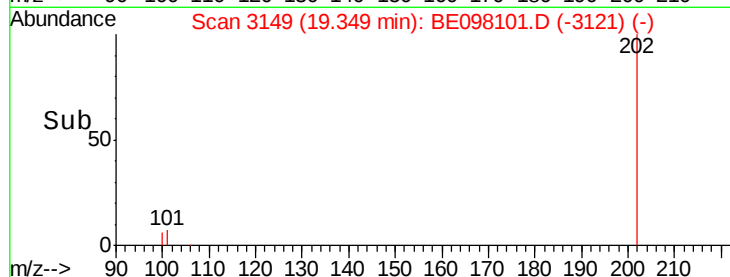
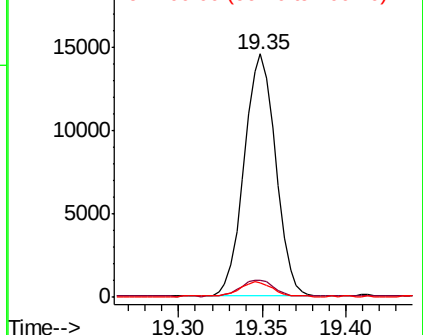
100 6.2 0.0 26.0



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: 0.660 ng/ul

RT: 19.71 min Scan# 3250

Delta R.T. -0.00 min

Lab File: BE098101.D

Acq: 26 Oct 2018 22:47

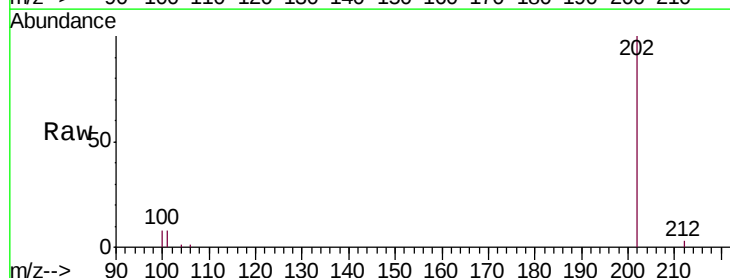
Tgt Ion:202 Resp: 20245

Ion Ratio Lower Upper

202 100

101 8.4 6.9 10.3

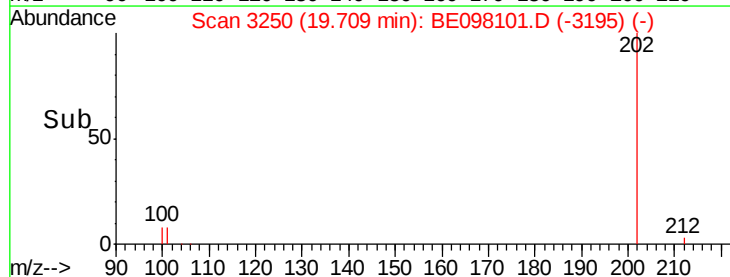
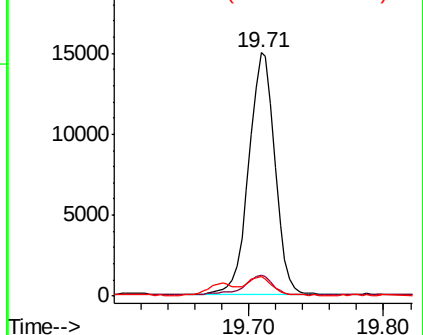
100 8.0 6.0 9.0

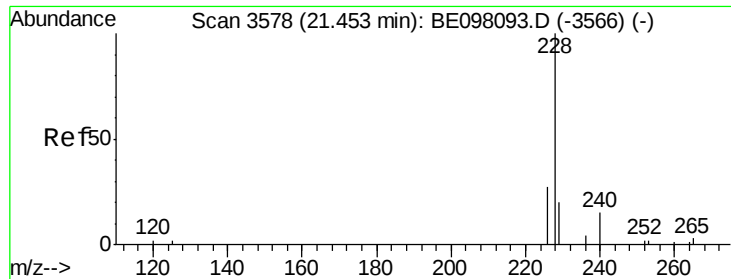


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.416 ng/ul

RT: 21.45 min Scan# 3577

Delta R.T. -0.00 min

Lab File: BE098101.D

Acq: 26 Oct 2018 22:47

Instrument :

BNA_E

ClientSampleId :

C0AD6DL

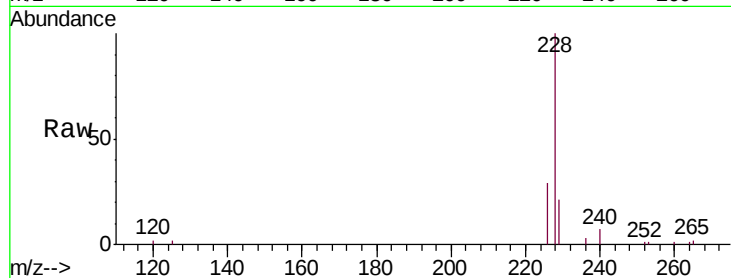
Tgt Ion:228 Resp: 16046

Ion Ratio Lower Upper

228 100

229 20.8 16.1 24.1

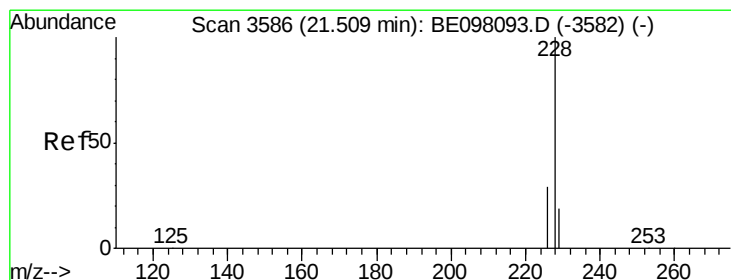
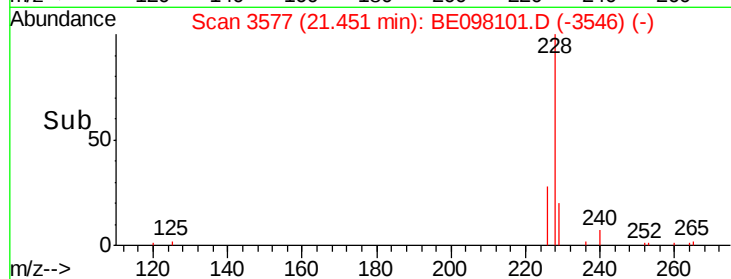
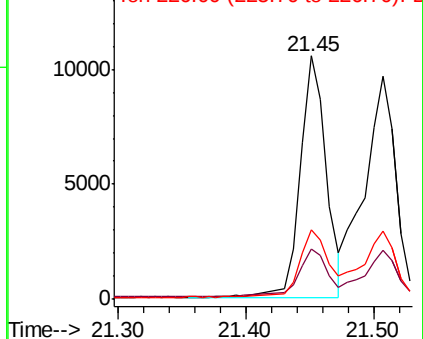
226 28.7 22.2 33.4



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: 0.551 ng/ul

RT: 21.51 min Scan# 3585

Delta R.T. -0.00 min

Lab File: BE098101.D

Acq: 26 Oct 2018 22:47

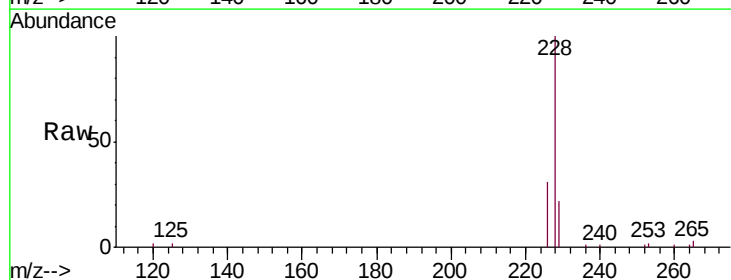
Tgt Ion:228 Resp: 16460

Ion Ratio Lower Upper

228 100

226 30.6 24.6 37.0

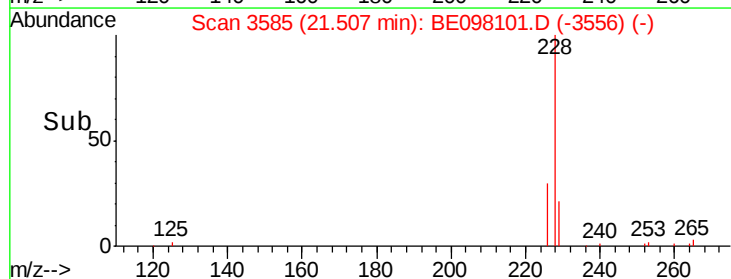
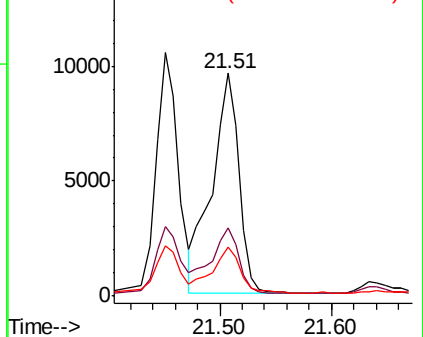
229 21.8 16.4 24.6

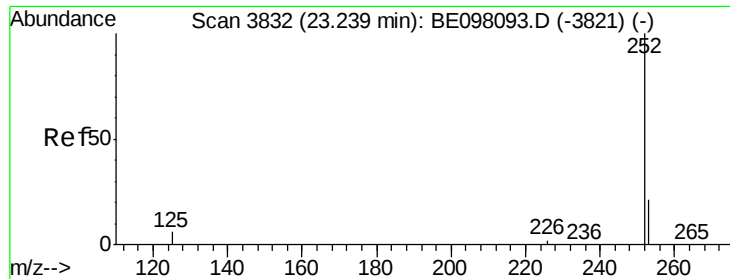


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 1.027 ng/ul

RT: 23.24 min Scan# 3831

Delta R.T. -0.00 min

Lab File: BE098101.D

Acq: 26 Oct 2018 22:47

Instrument :

BNA_E

ClientSampleId :

C0AD6DL

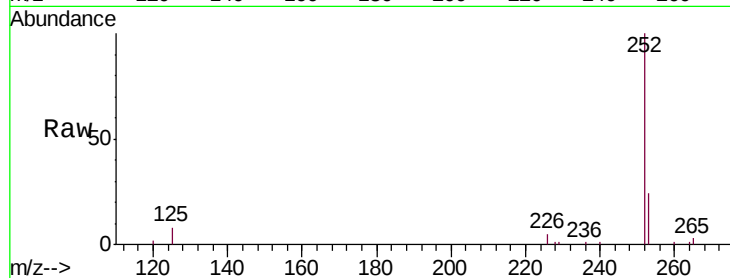
Tgt Ion:252 Resp: 31644

Ion Ratio Lower Upper

252 100

253 23.5 0.0 47.8

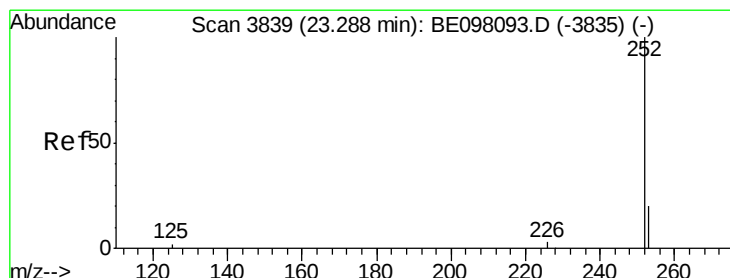
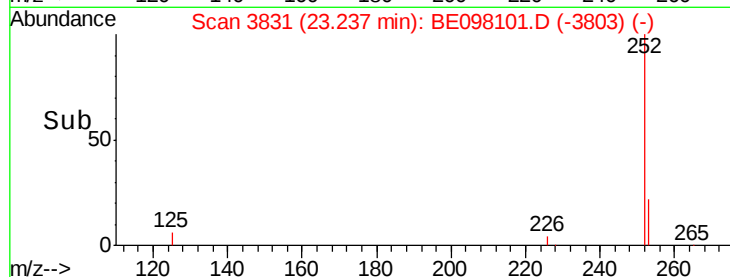
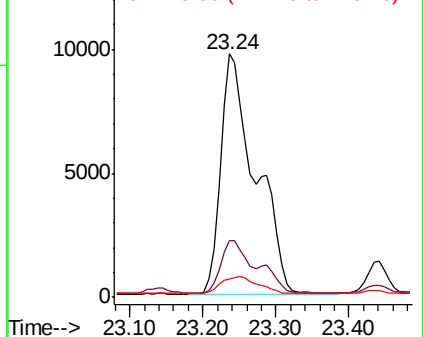
125 7.7 0.0 16.8



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: 1.049 ng/ul

RT: 23.24 min Scan# 3831

Delta R.T. -0.05 min

Lab File: BE098101.D

Acq: 26 Oct 2018 22:47

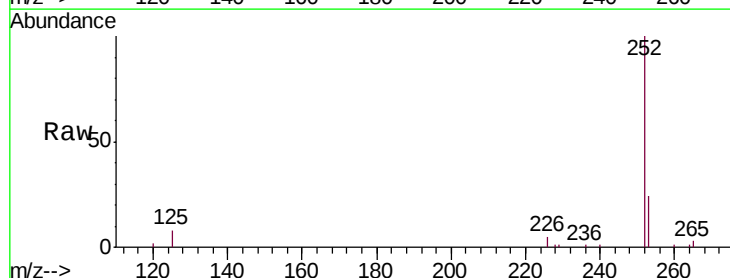
Tgt Ion:252 Resp: 31644

Ion Ratio Lower Upper

252 100

253 23.5 19.3 28.9

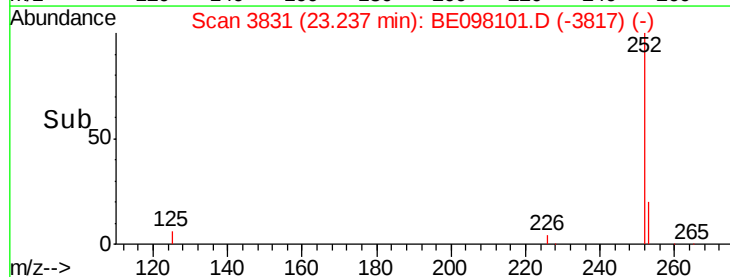
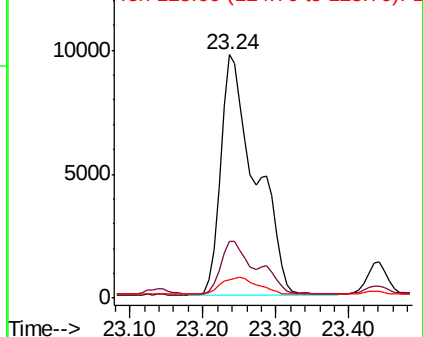
125 7.7 6.2 9.2

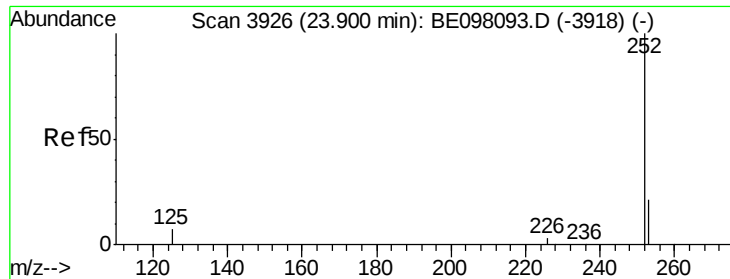


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.362 ng/ul

RT: 23.91 min Scan# 3926

Delta R.T. 0.01 min

Lab File: BE098101.D

Acq: 26 Oct 2018 22:47

Instrument :

BNA_E

ClientSampleId :

C0AD6DL

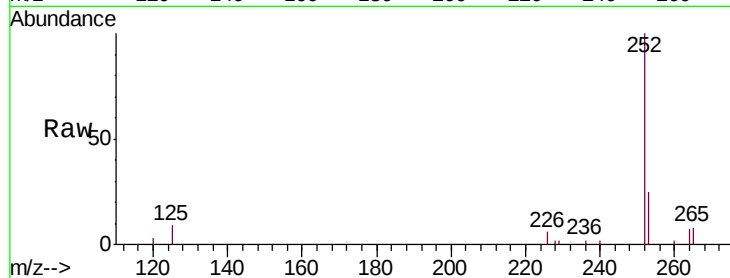
Tgt Ion:252 Resp: 10737

Ion Ratio Lower Upper

252 100

253 24.8 19.4 29.2

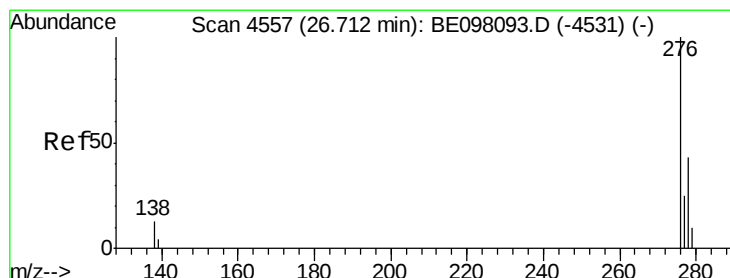
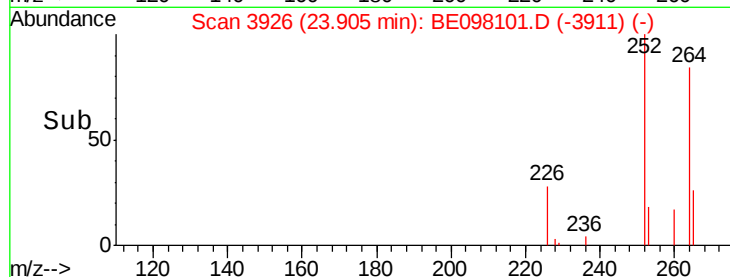
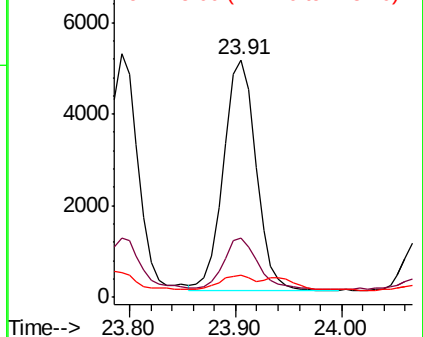
125 9.4 7.8 11.8



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: 0.212 ng/ul

RT: 26.71 min Scan# 4555

Delta R.T. -0.00 min

Lab File: BE098101.D

Acq: 26 Oct 2018 22:47

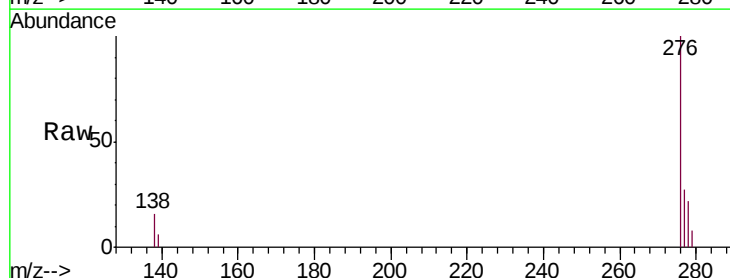
Tgt Ion:276 Resp: 7203

Ion Ratio Lower Upper

276 100

138 14.4 11.8 17.8

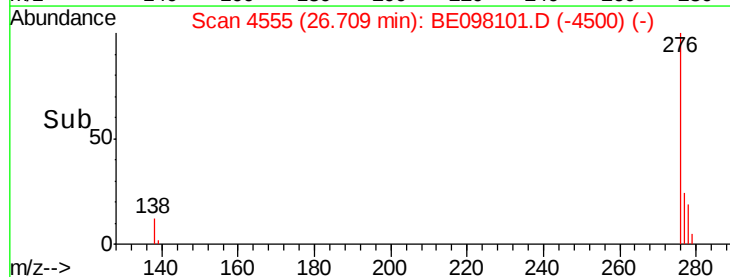
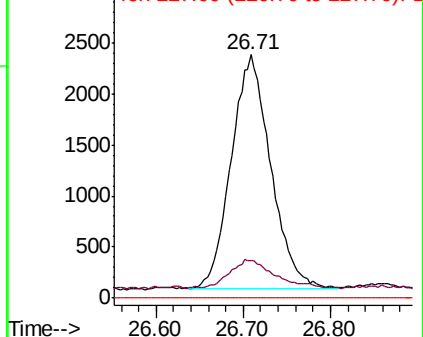
227 0.0 0.0 0.0

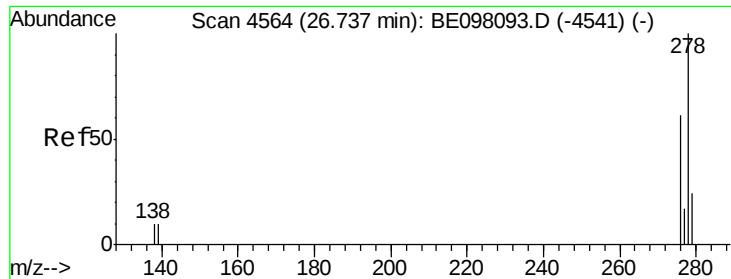


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.073 ng/ul

RT: 26.73 min Scan# 4560

Delta R.T. -0.01 min

Lab File: BE098101.D

Acq: 26 Oct 2018 22:47

Instrument :

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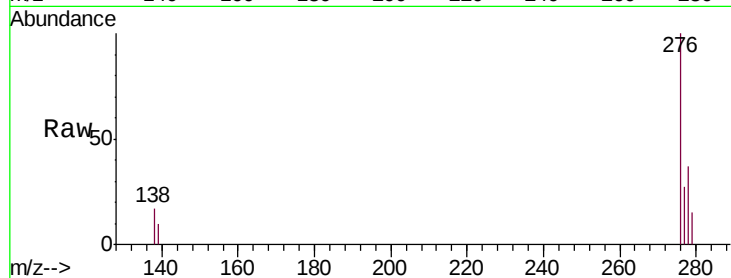
Tgt Ion:278 Resp: 2070

Ion Ratio Lower Upper

278 100

139 27.8 10.0 15.0#

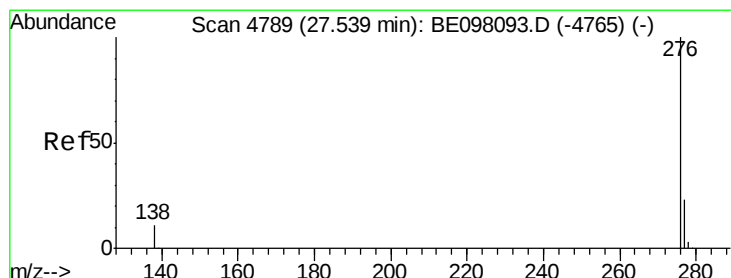
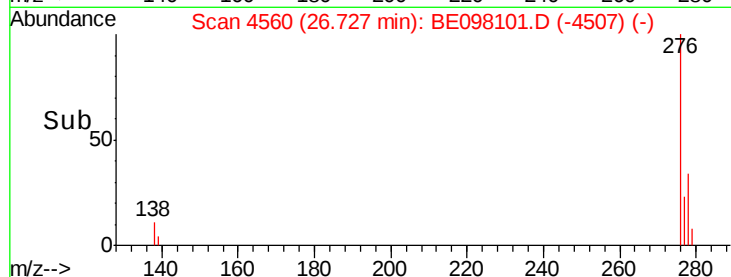
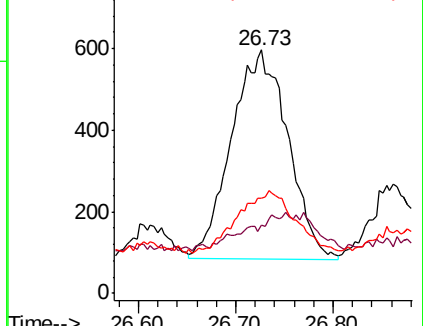
279 39.0 20.3 30.5#



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: 0.197 ng/ul

RT: 27.54 min Scan# 4789

Delta R.T. 0.00 min

Lab File: BE098101.D

Acq: 26 Oct 2018 22:47

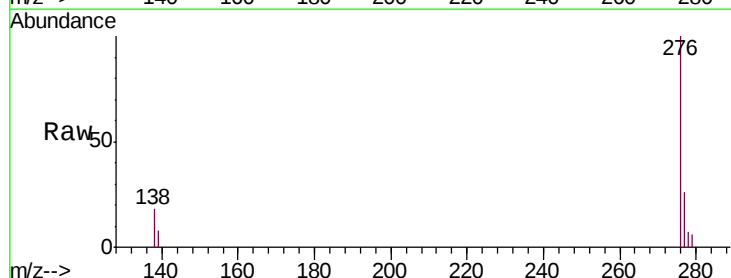
Tgt Ion:276 Resp: 5625

Ion Ratio Lower Upper

276 100

138 17.6 11.6 17.4#

277 26.3 20.8 31.2



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

