

Data File : BE098098.D
Acq On : 26 Oct 2018 20:57
Operator : SJ/JU
Sample : J5598-15DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AE3DL

Quant Time: Oct 27 00:37:18 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	1032	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	5223	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	3714	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.29	188	9005	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	12261	0.40	ng/ul	0.00
20) Perylene-d12	24.02	264	10828	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	393	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	1368	0.05	ng/ul	0.00

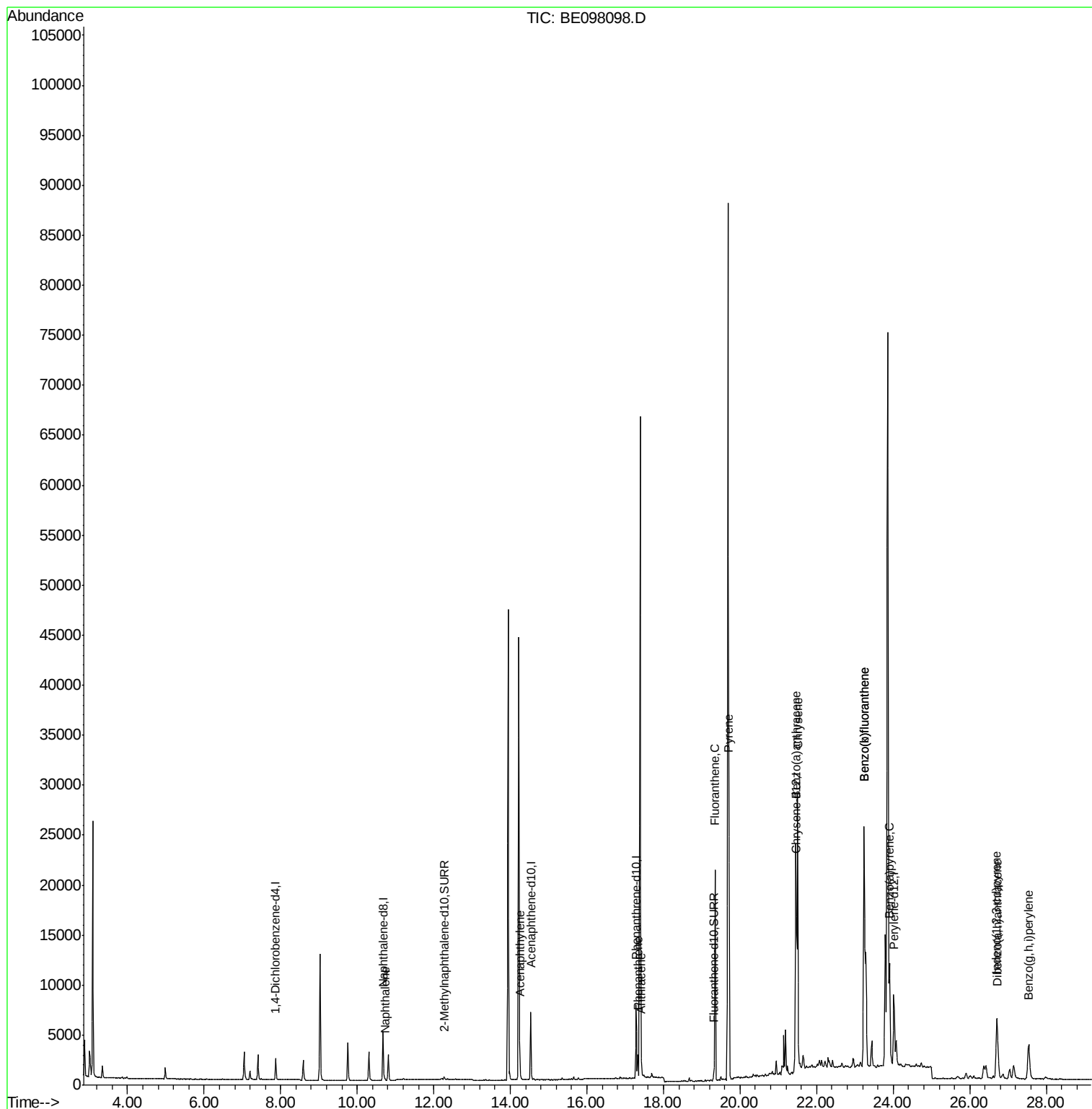
Target Compounds						Qvalue
3) Naphthalene	10.72	128	295	0.024	ng/ul#	48
7) Acenaphthylene	14.25	152	1083	0.074	ng/ul#	86
12) Phenanthrene	17.33	178	2475	0.119	ng/ul	94
13) Anthracene	17.42	178	1721	0.084	ng/ul#	87
15) Fluoranthene	19.35	202	24956	0.942	ng/ul	99
17) Pyrene	19.71	202	31899	1.114	ng/ul	100
18) Benzo(a)anthracene	21.45	228	22701	0.630	ng/ul	99
19) Chrysene	21.51	228	29655	1.063	ng/ul	99
21) Benzo(b)fluoranthene	23.24	252	58982	1.966	ng/ul	98
22) Benzo(k)fluoranthene	23.24	252	58982	2.009	ng/ul	98
23) Benzo(a)pyrene	23.90	252	15065	0.522	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.71	276	12450	0.377	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.73	278	3477	0.126	ng/ul#	81
26) Benzo(g,h,i)perylene	27.54	276	9244	0.332	ng/ul	99

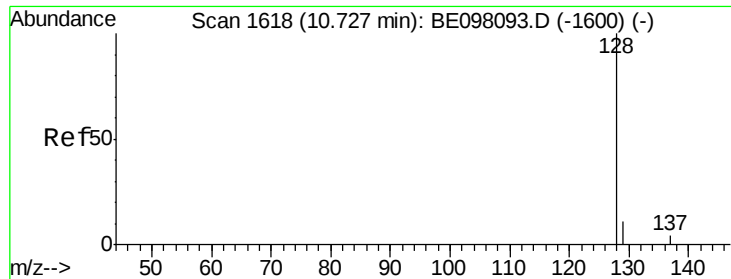
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.024 ng/ul

RT: 10.72 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BE098098.D

Acq: 26 Oct 2018 20:57

Instrument :

BNA_E

ClientSampleId :

C0AE3DL

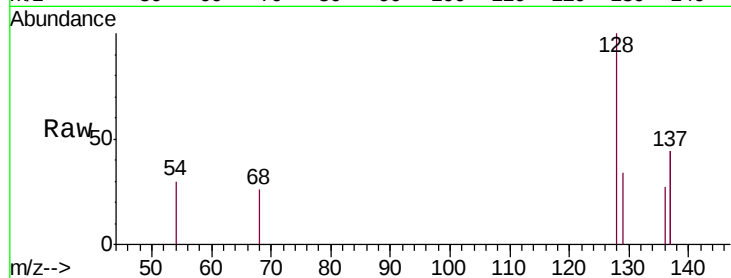
Tgt Ion:128 Resp: 295

Ion Ratio Lower Upper

128 100

129 33.8 10.5 15.7#

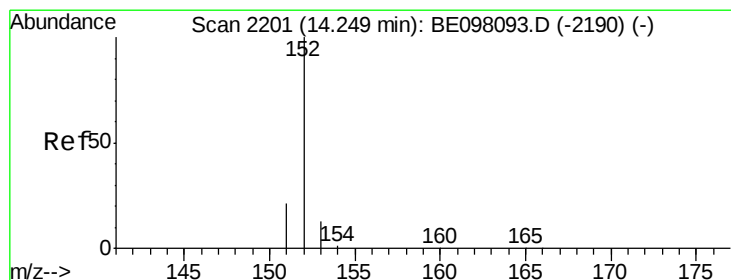
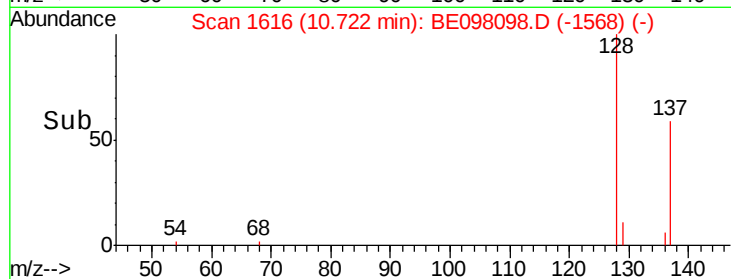
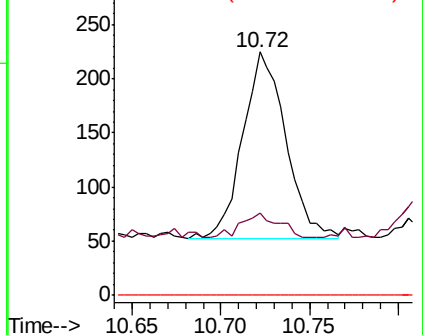
127 0.0 0.0 0.0



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: 0.074 ng/ul

RT: 14.25 min Scan# 2201

Delta R.T. 0.00 min

Lab File: BE098098.D

Acq: 26 Oct 2018 20:57

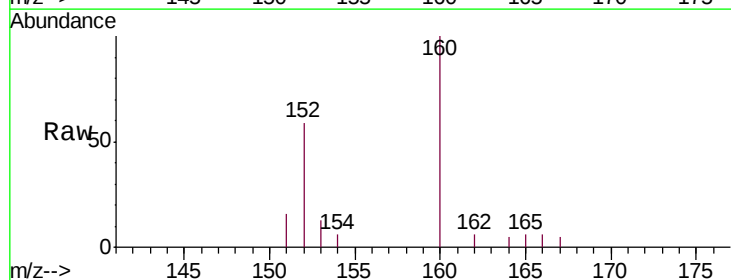
Tgt Ion:152 Resp: 1083

Ion Ratio Lower Upper

152 100

151 26.7 17.3 25.9#

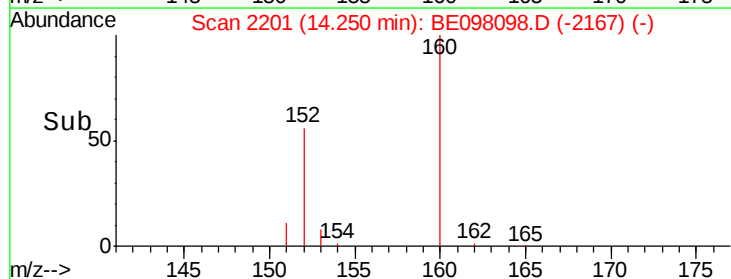
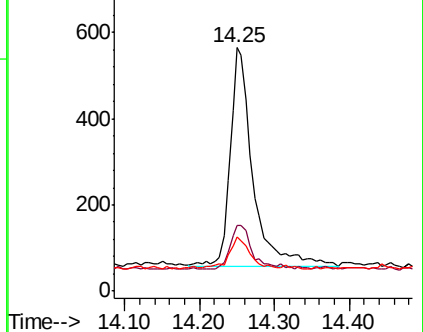
153 22.5 11.9 17.9#

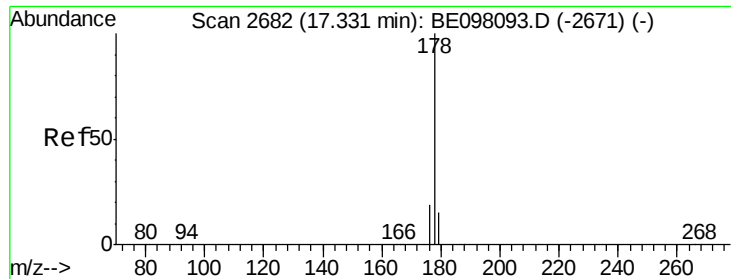


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#12

Phenanthrene

Concen: 0.119 ng/ul

RT: 17.33 min Scan# 2682

Delta R.T. 0.00 min

Lab File: BE098098.D

Acq: 26 Oct 2018 20:57

Instrument :

BNA_E

ClientSampleId :

C0AE3DL

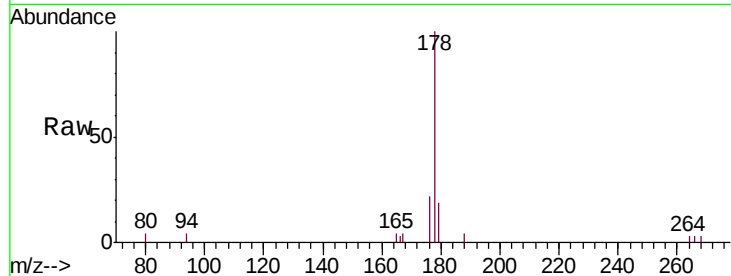
Tgt Ion:178 Resp: 2475

Ion Ratio Lower Upper

178 100

179 19.1 13.0 19.4

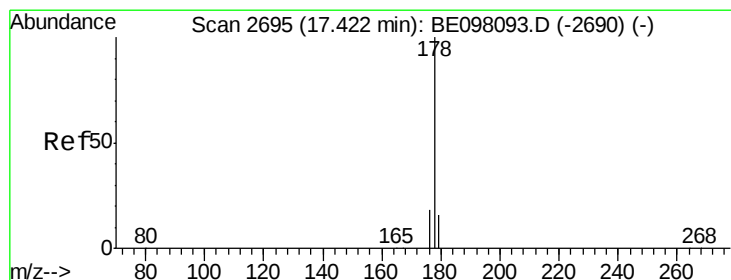
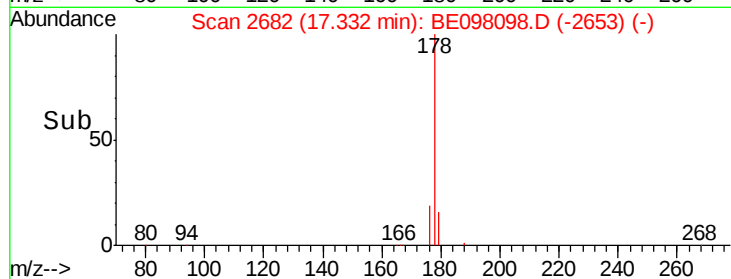
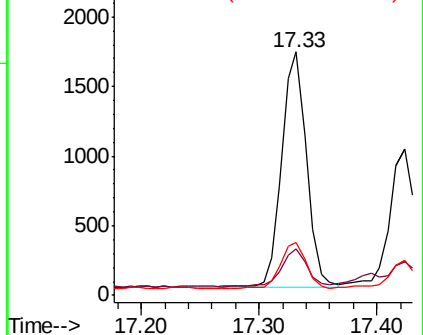
176 22.0 15.7 23.5



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: 0.084 ng/ul

RT: 17.42 min Scan# 2695

Delta R.T. 0.00 min

Lab File: BE098098.D

Acq: 26 Oct 2018 20:57

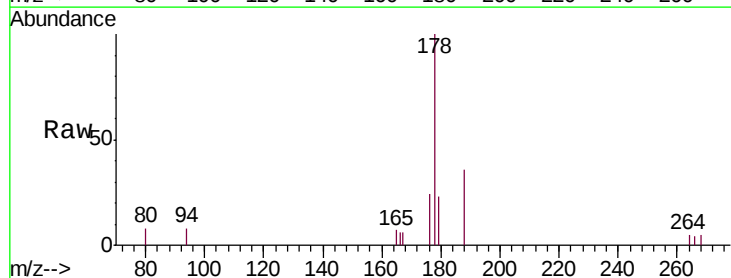
Tgt Ion:178 Resp: 1721

Ion Ratio Lower Upper

178 100

179 22.9 12.6 19.0#

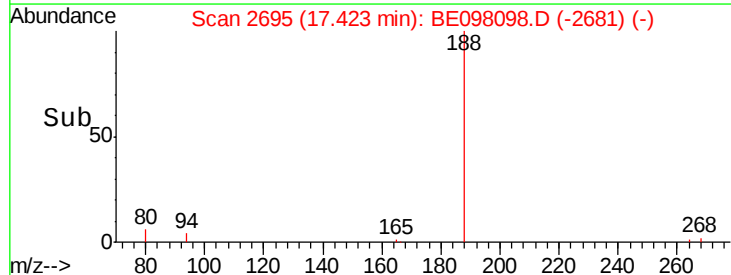
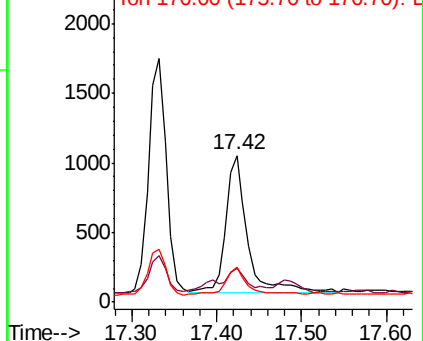
176 24.3 15.6 23.4#

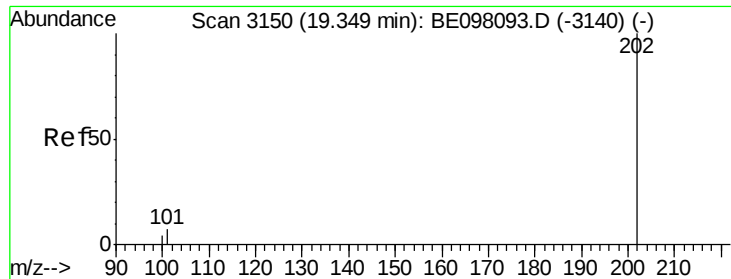


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

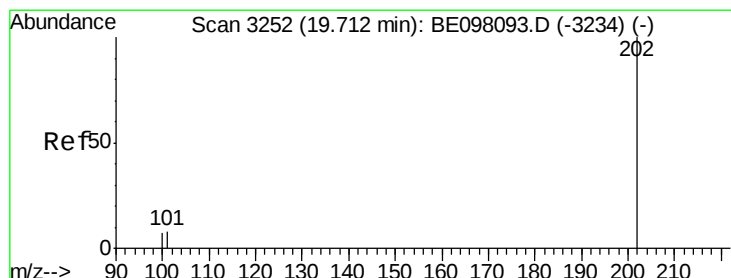
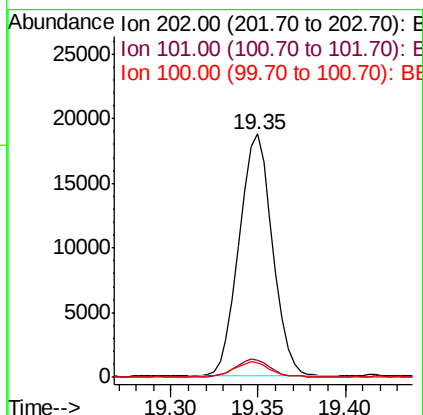
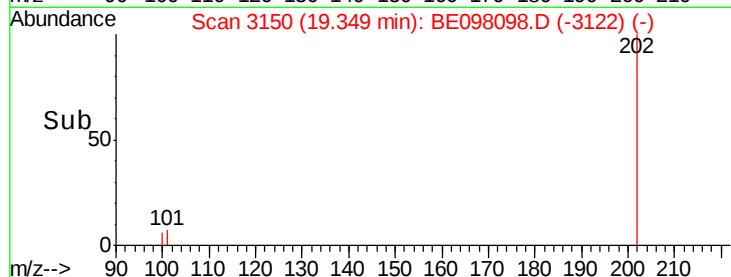
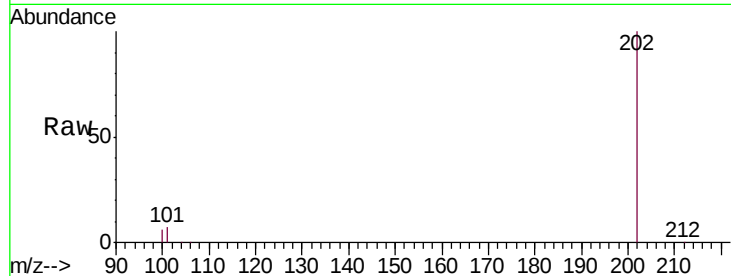




#15
Fluoranthene
Concen: 0.942 ng/ul
RT: 19.35 min Scan# 3150
Delta R.T. 0.00 min
Lab File: BE098098.D
Acq: 26 Oct 2018 20:57

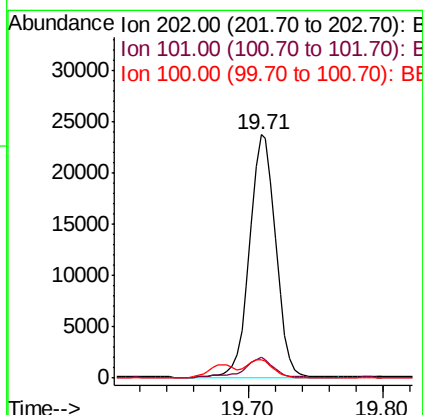
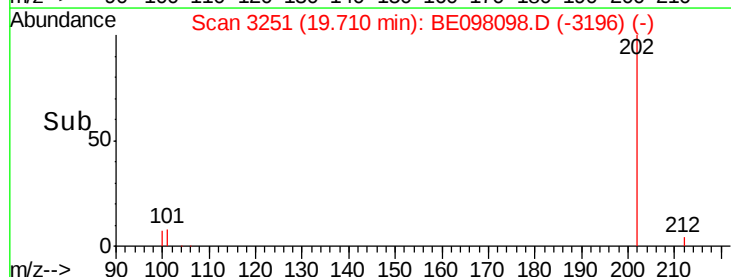
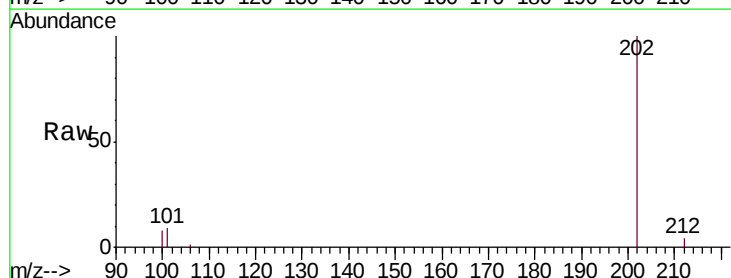
Instrument :
BNA_E
ClientSampleId :
C0AE3DL

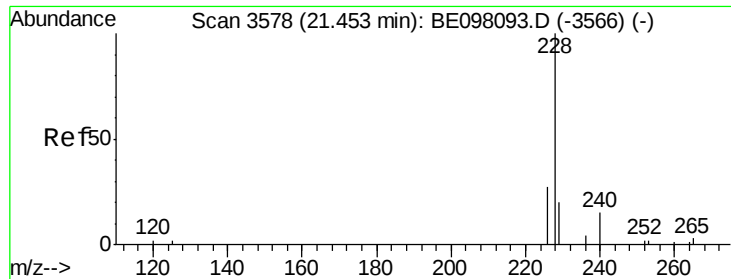
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.1	0.0	27.5
100	6.0	0.0	26.0



#17
Pyrene
Concen: 1.114 ng/ul
RT: 19.71 min Scan# 3251
Delta R.T. -0.00 min
Lab File: BE098098.D
Acq: 26 Oct 2018 20:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.6	6.9	10.3
100	7.7	6.0	9.0





#18

Benzo(a)anthracene

Concen: 0.630 ng/ul

RT: 21.45 min Scan# 3578

Delta R.T. -0.00 min

Lab File: BE098098.D

Acq: 26 Oct 2018 20:57

Instrument :

BNA_E

ClientSampleId :

C0AE3DL

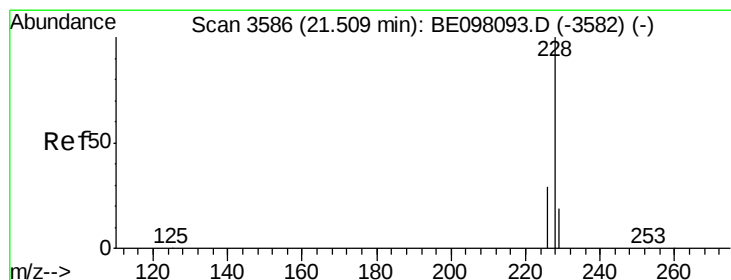
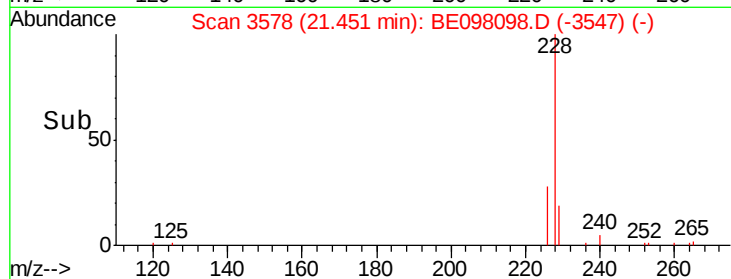
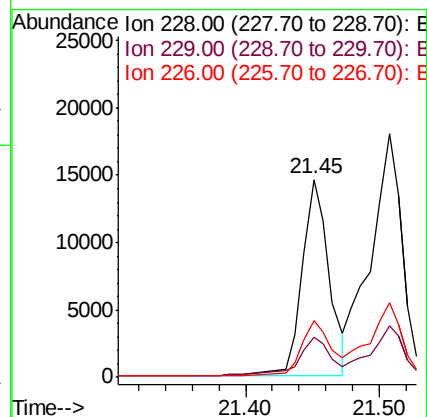
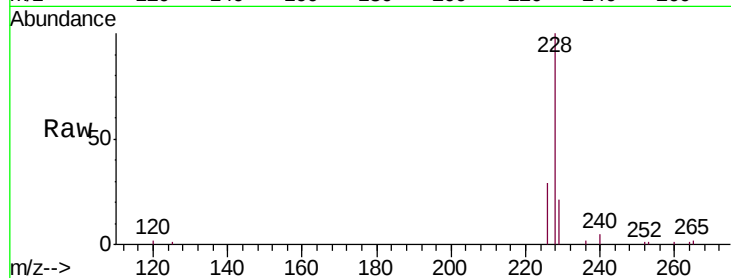
Tgt Ion:228 Resp: 22701

Ion Ratio Lower Upper

228 100

229 20.6 16.1 24.1

226 28.6 22.2 33.4



#19

Chrysene

Concen: 1.063 ng/ul

RT: 21.51 min Scan# 3586

Delta R.T. -0.00 min

Lab File: BE098098.D

Acq: 26 Oct 2018 20:57

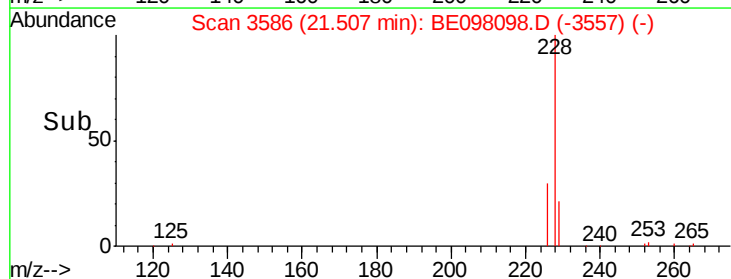
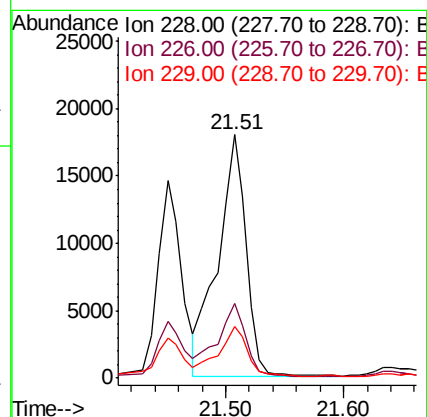
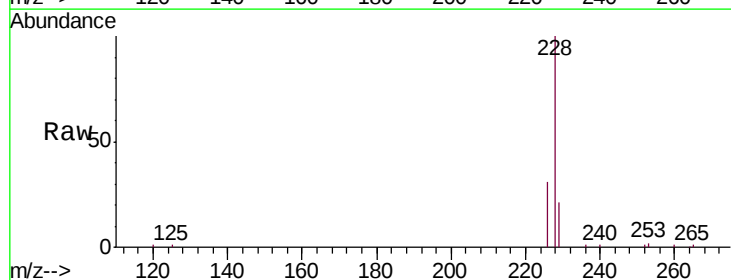
Tgt Ion:228 Resp: 29655

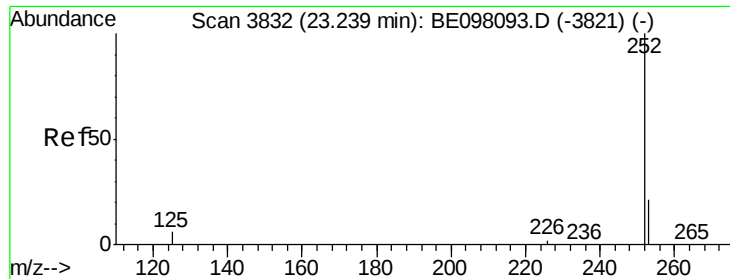
Ion Ratio Lower Upper

228 100

226 30.9 24.6 37.0

229 21.2 16.4 24.6





#21

Benzo(b)fluoranthene

Concen: 1.966 ng/ul

RT: 23.24 min Scan# 3832

Delta R.T. -0.00 min

Lab File: BE098098.D

Acq: 26 Oct 2018 20:57

Instrument :

BNA_E

ClientSampleId :

C0AE3DL

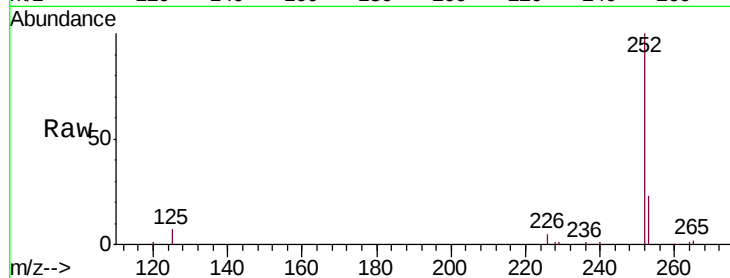
Tgt Ion:252 Resp: 58982

Ion Ratio Lower Upper

252 100

253 23.3 0.0 47.8

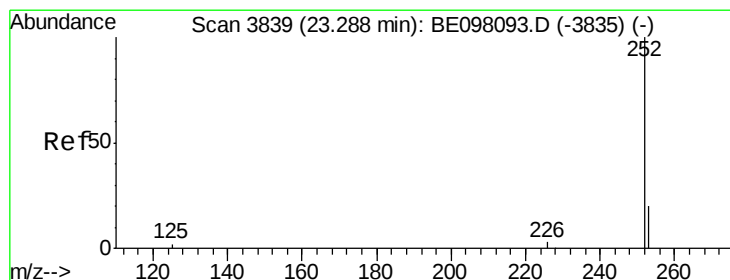
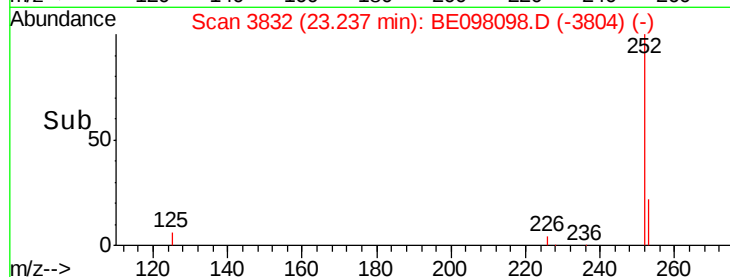
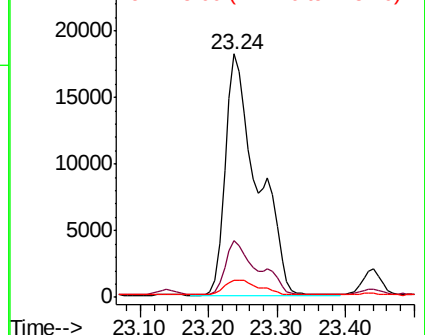
125 7.1 0.0 16.8



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: 2.009 ng/ul

RT: 23.24 min Scan# 3832

Delta R.T. -0.05 min

Lab File: BE098098.D

Acq: 26 Oct 2018 20:57

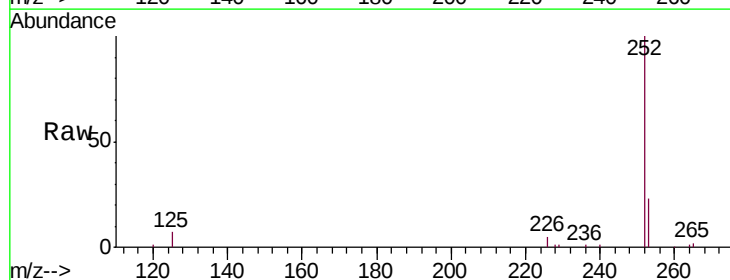
Tgt Ion:252 Resp: 58982

Ion Ratio Lower Upper

252 100

253 23.3 19.3 28.9

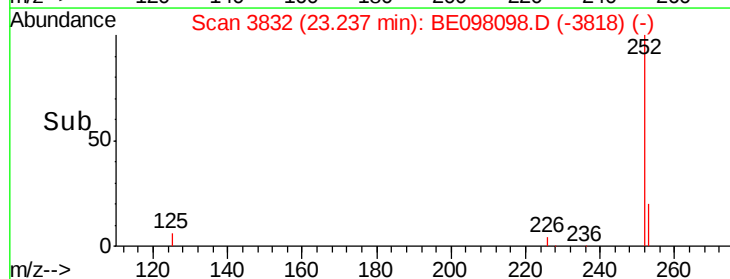
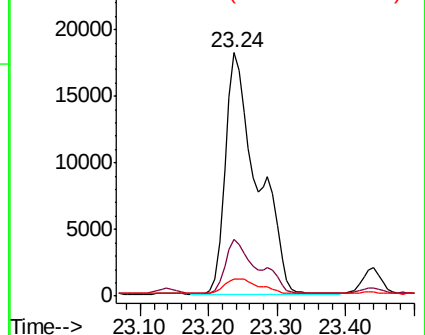
125 7.1 6.2 9.2

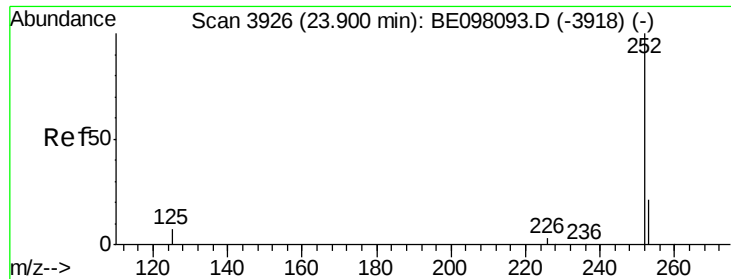


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.522 ng/ul

RT: 23.90 min Scan# 3927

Delta R.T. 0.00 min

Lab File: BE098098.D

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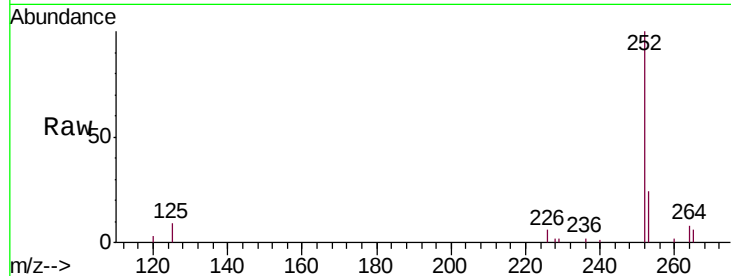
Tgt Ion:252 Resp: 15065

Ion Ratio Lower Upper

252 100

253 23.8 19.4 29.2

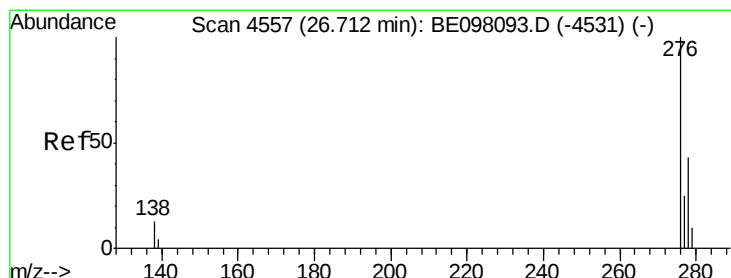
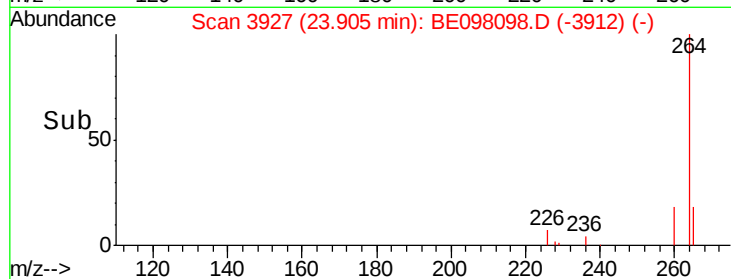
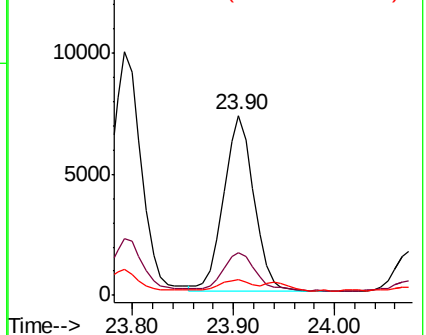
125 8.9 7.8 11.8



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: 0.377 ng/ul

RT: 26.71 min Scan# 4555

Delta R.T. -0.01 min

Lab File: BE098098.D

Acq: 26 Oct 2018 20:57

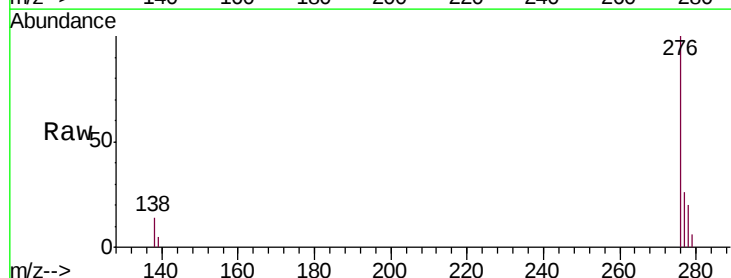
Tgt Ion:276 Resp: 12450

Ion Ratio Lower Upper

276 100

138 13.5 11.8 17.8

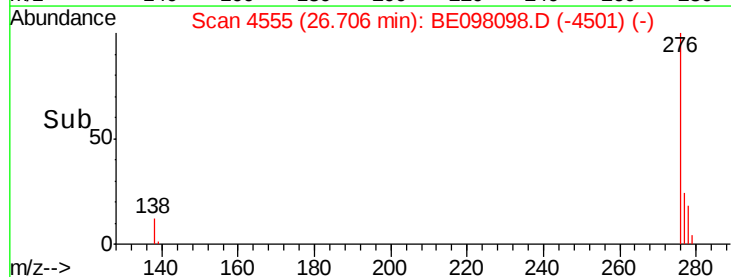
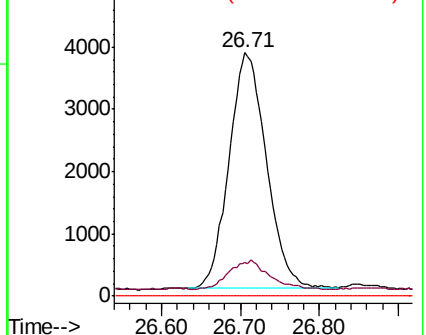
227 0.0 0.0 0.0

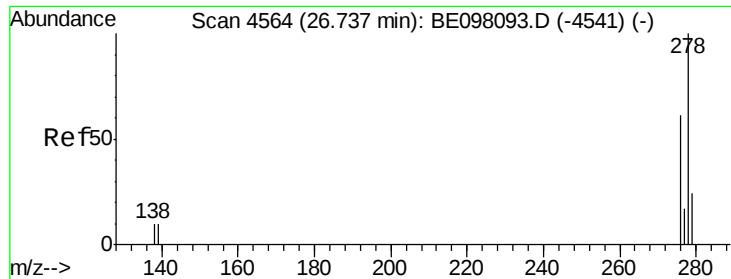


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.126 ng/ul

RT: 26.73 min Scan# 4563

Delta R.T. -0.00 min

Lab File: BE098098.D

Acq: 26 Oct 2018 20:57

Instrument :

BNA_E

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C0AE3DL

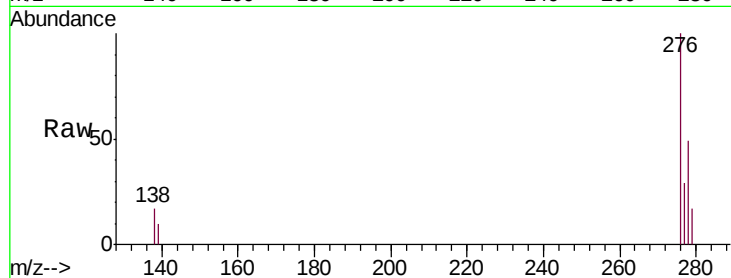
Tgt Ion:278 Resp: 3477

Ion Ratio Lower Upper

278 100

139 21.5 10.0 15.0#

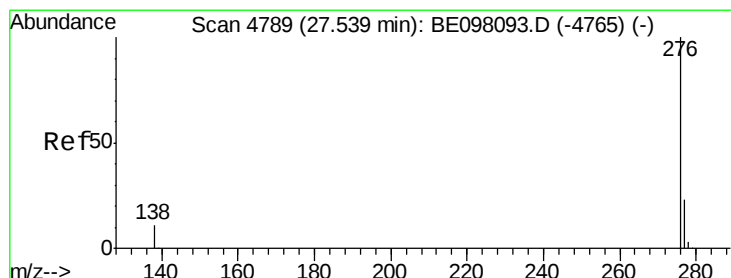
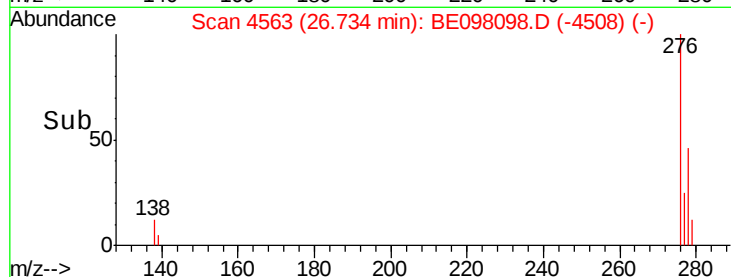
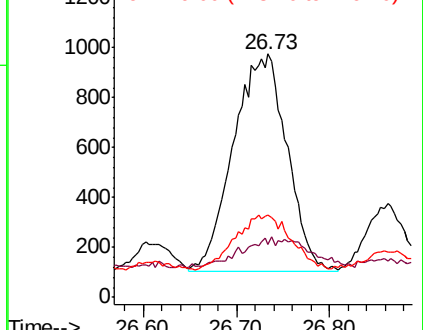
279 34.0 20.3 30.5#



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: 0.332 ng/ul

RT: 27.54 min Scan# 4790

Delta R.T. 0.00 min

Lab File: BE098098.D

Acq: 26 Oct 2018 20:57

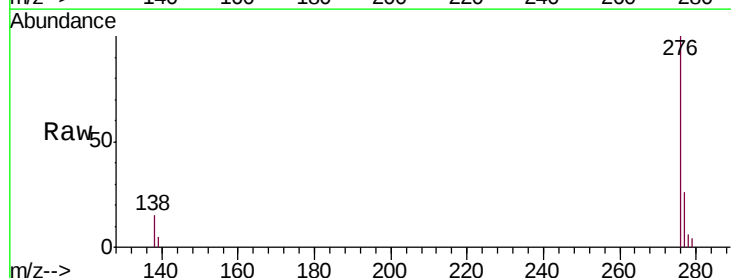
Tgt Ion:276 Resp: 9244

Ion Ratio Lower Upper

276 100

138 14.9 11.6 17.4

277 25.9 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

