

Data File : BE098084.D
Acq On : 26 Oct 2018 11:49
Operator : SJ/JU
Sample : J5598-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AE1

Quant Time: Oct 26 23:19:23 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 : Fri Oct 26 23:15:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1100	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	5481	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	4060	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.39	188	315721	0.40	ng/ul	0.10
16) Chrysene-d12	21.60	240	164	0.40	ng/ul	0.13
20) Perylene-d12	24.17	264	2091	0.40	ng/ul	0.14

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	1750	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.41	212	97	0.00	ng/ul	0.09

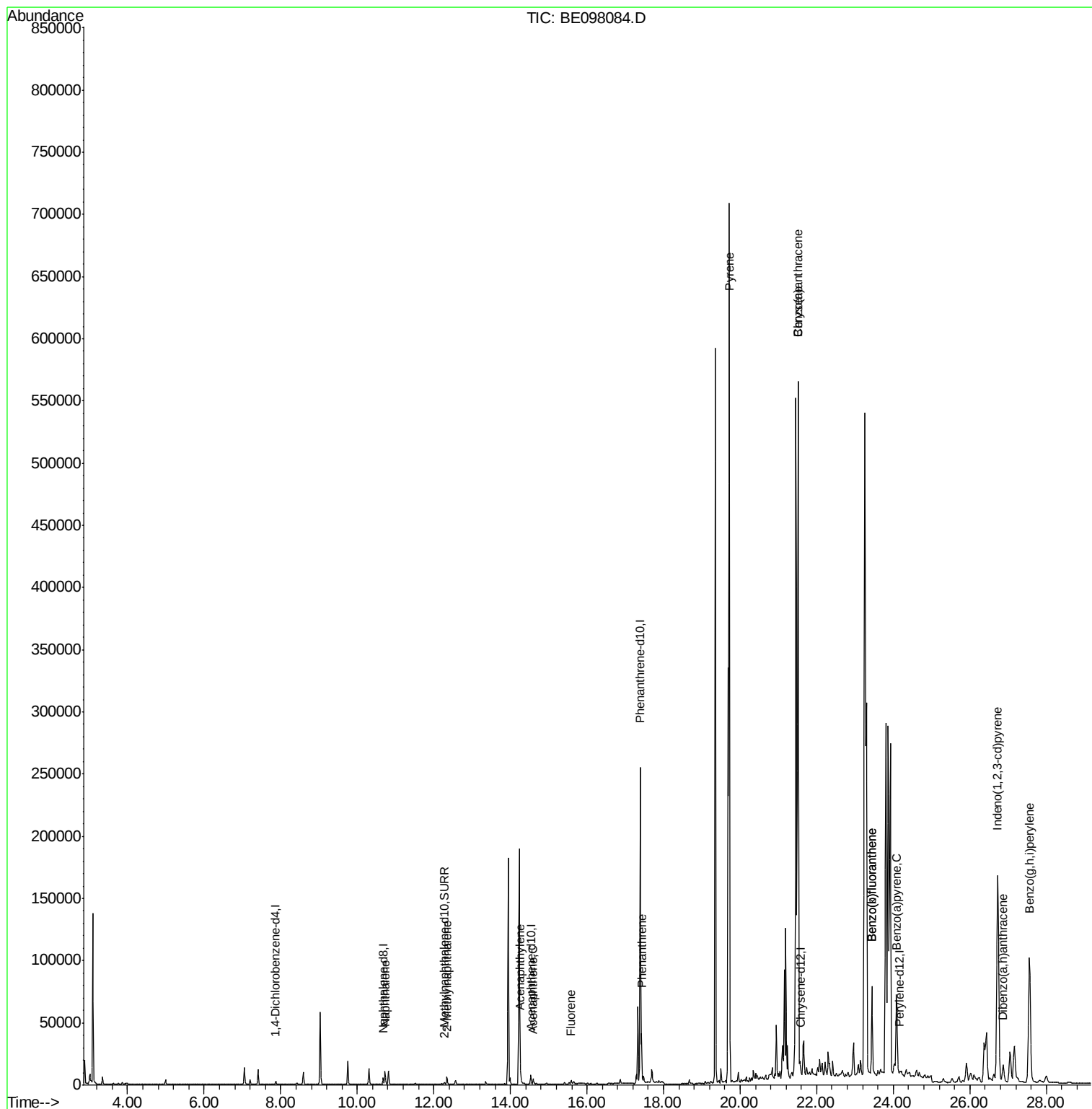
Target Compounds						Qvalue
3) Naphthalene	10.73	128	15786	1.203	ng/ul	95
5) 2-Methylnaphthalene	12.34	142	5387	0.543	ng/ul	99
7) Acenaphthylene	14.26	152	29869	1.865	ng/ul	97
8) Acenaphthene	14.60	153	2514	0.210	ng/ul	95
9) Fluorene	15.59	166	2123	0.147	ng/ul#	97
12) Phenanthrene	17.42	178	44858	0.062	ng/ul	99
17) Pyrene	19.72	202	805966	2104.758	ng/ul	98
18) Benzo(a)anthracene	21.52	228	625221	1296.616	ng/ul	95
19) Chrysene	21.52	228	625221	1676.171	ng/ul	99
21) Benzo(b)fluoranthene	23.44	252	104083	17.966	ng/ul	96
22) Benzo(k)fluoranthene	23.44	252	104209	18.376	ng/ul	96
23) Benzo(a)pyrene	24.08	252	98256	17.634	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.73	276	337267	52.822	ng/ul#	92
25) Dibenzo(a,h)anthracene	26.87	278	25241	4.743	ng/ul	94
26) Benzo(g,h,i)perylene	27.56	276	250617	46.625	ng/ul	95

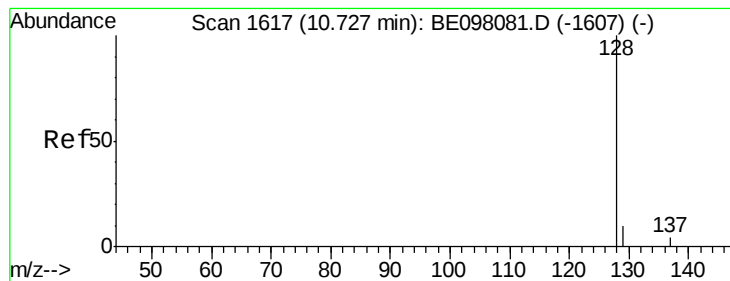
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.203 ng/ul

RT: 10.73 min Scan# 1617

Delta R.T. -0.00 min

Lab File: BE098084.D

Acq: 26 Oct 2018 11:49

Instrument :

BNA_E

ClientSampleId :

C0AE1

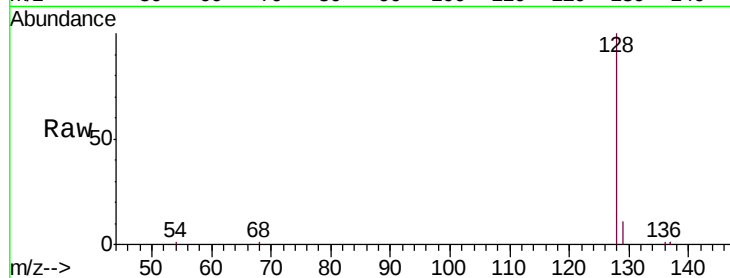
Tgt Ion:128 Resp: 15786

Ion Ratio Lower Upper

128 100

129 11.2 10.5 15.7

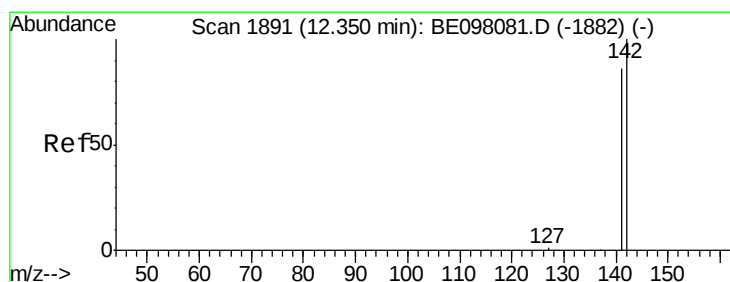
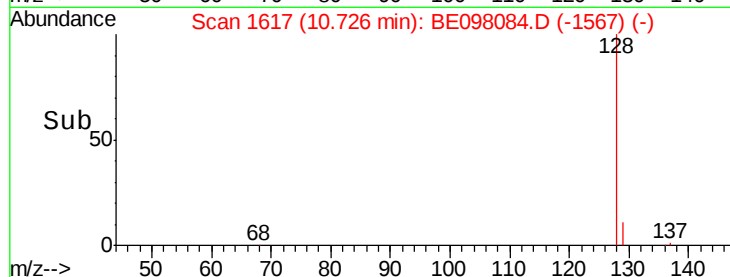
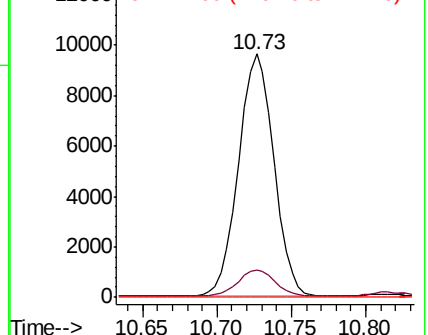
127 0.0 0.0 0.0



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



#5

2-Methylnaphthalene

Concen: 0.543 ng/ul

RT: 12.34 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BE098084.D

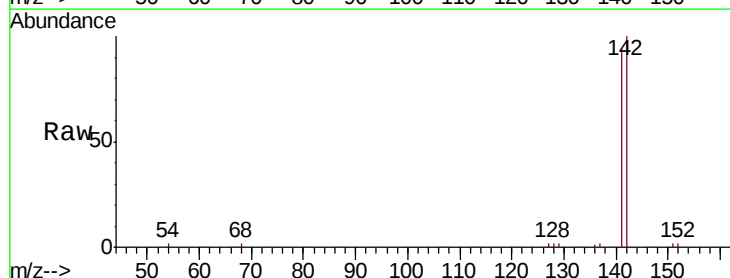
Acq: 26 Oct 2018 11:49

Tgt Ion:142 Resp: 5387

Ion Ratio Lower Upper

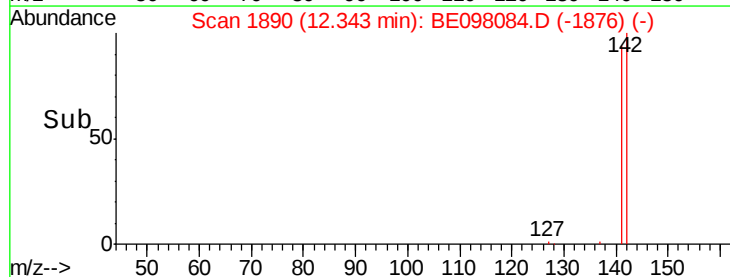
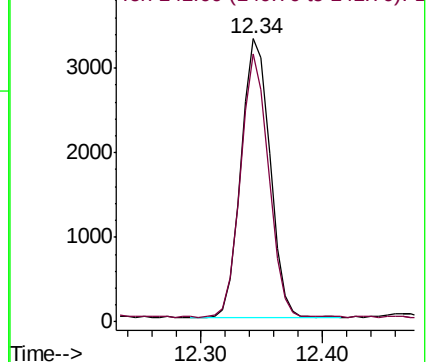
142 100

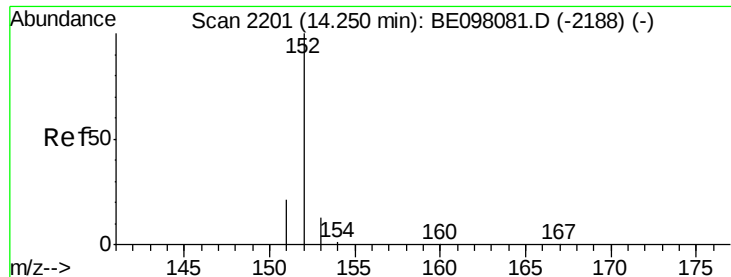
141 91.9 72.5 108.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.865 ng/ul

RT: 14.26 min Scan# 2202

Delta R.T. 0.01 min

Lab File: BE098084.D

Acq: 26 Oct 2018 11:49

Instrument :

BNA_E

ClientSampleId :

C0AE1

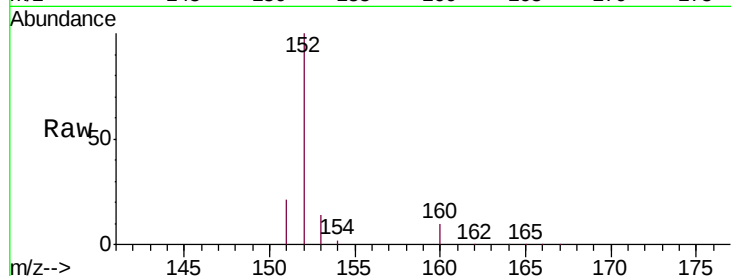
Tgt Ion:152 Resp: 29869

Ion Ratio Lower Upper

152 100

151 20.5 17.3 25.9

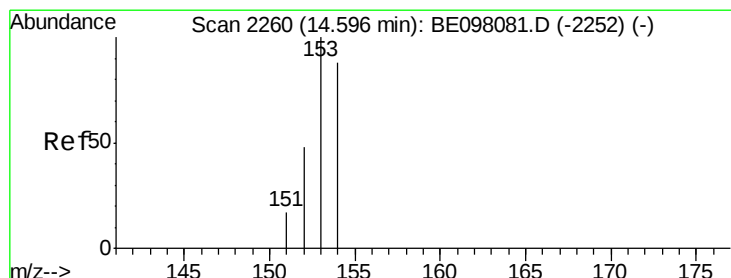
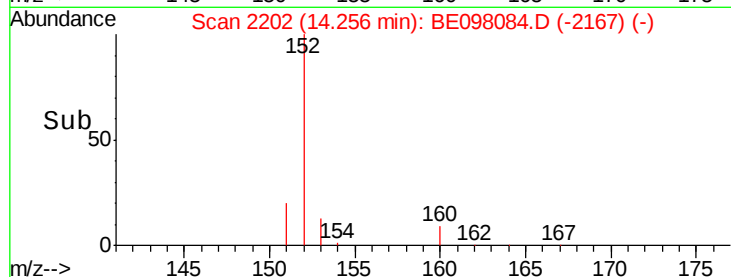
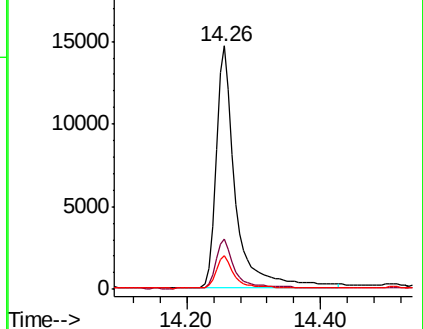
153 13.6 11.9 17.9



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



#8

Acenaphthene

Concen: 0.210 ng/ul

RT: 14.60 min Scan# 2260

Delta R.T. -0.00 min

Lab File: BE098084.D

Acq: 26 Oct 2018 11:49

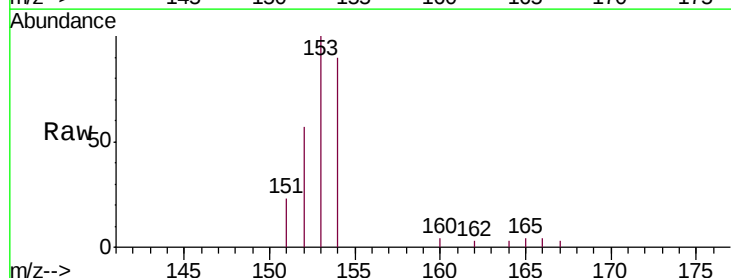
Tgt Ion:153 Resp: 2514

Ion Ratio Lower Upper

153 100

152 56.7 39.4 59.0

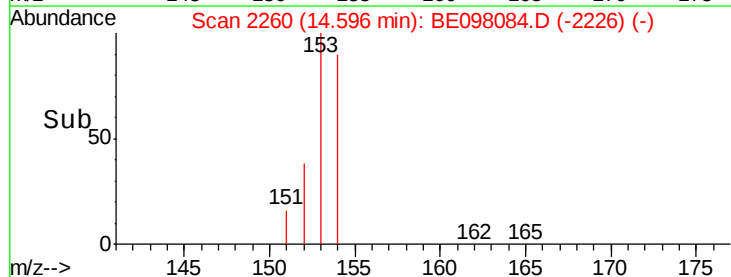
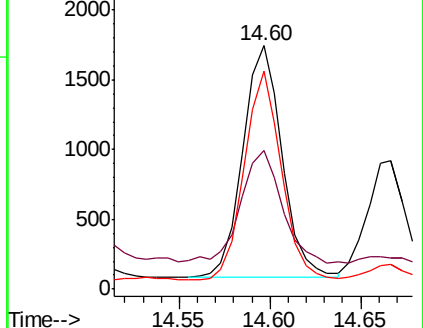
154 89.6 70.5 105.7

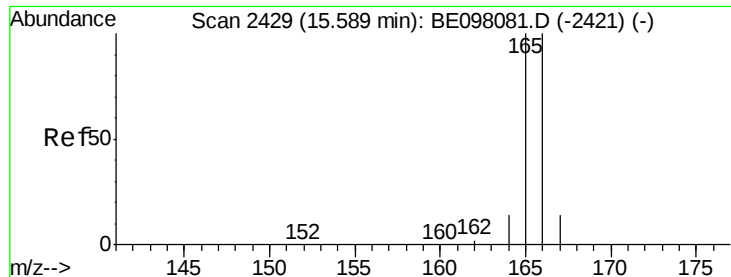


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

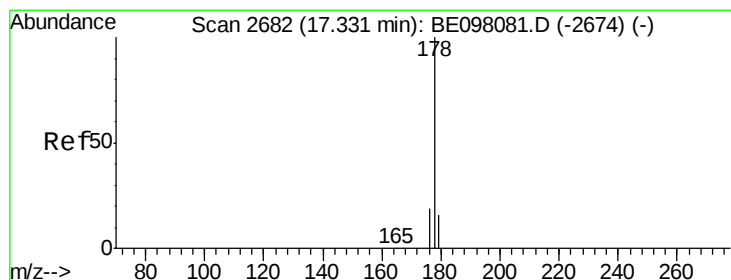
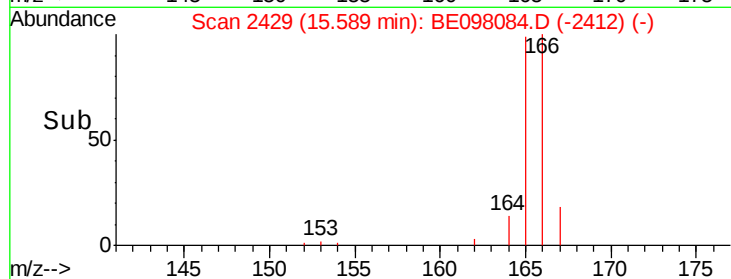
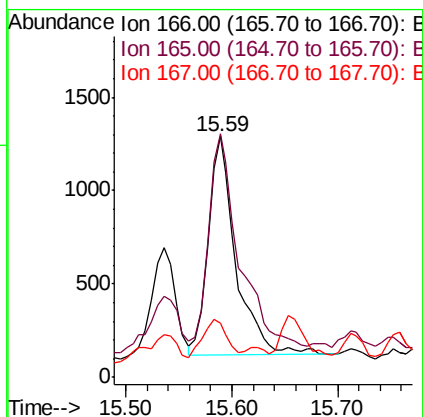
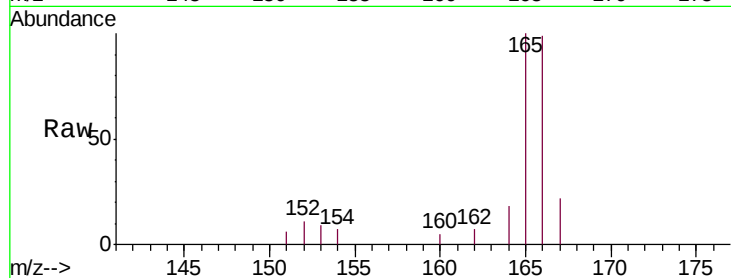




#9
Fluorene
 Concen: 0.147 ng/ul
 RT: 15.59 min Scan# 2429
 Delta R.T. -0.00 min
 Lab File: BE098084.D
 Acq: 26 Oct 2018 11:49

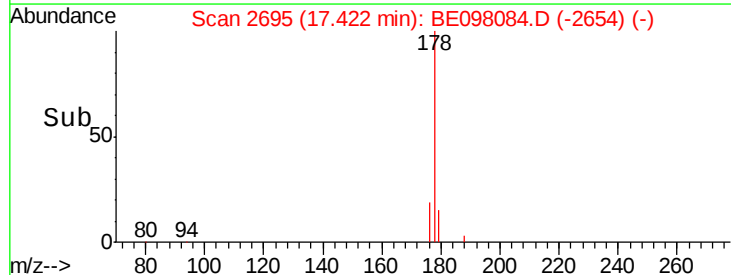
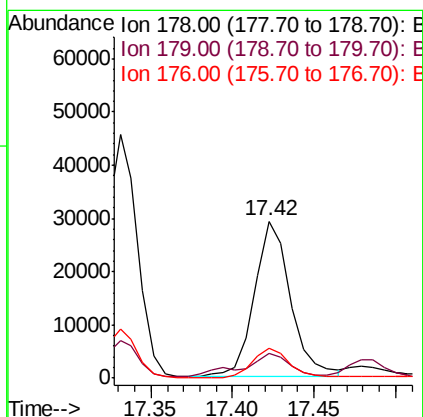
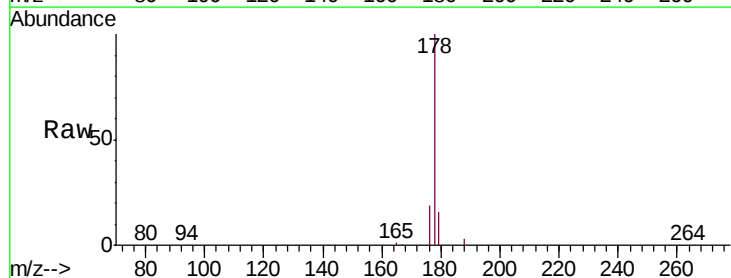
Instrument :
 BNA_E
 ClientSampleId :
 C0AE1

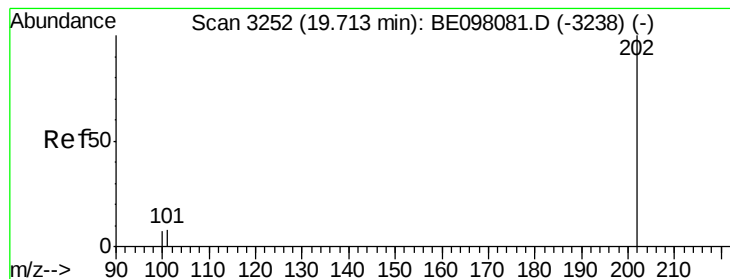
Tgt Ion:166 Resp: 2123
 Ion Ratio Lower Upper
 166 100
 165 101.1 80.2 120.4
 167 22.7 12.0 18.0#



#12
Phenanthrene
 Concen: 0.062 ng/ul
 RT: 17.42 min Scan# 2695
 Delta R.T. 0.09 min
 Lab File: BE098084.D
 Acq: 26 Oct 2018 11:49

Tgt Ion:178 Resp: 44858
 Ion Ratio Lower Upper
 178 100
 179 15.8 13.0 19.4
 176 19.2 15.7 23.5





#17

Pyrene

Concen: 2104.758 ng/ul

RT: 19.72 min Scan# 3253

Delta R.T. 0.00 min

Lab File: BE098084.D

Acq: 26 Oct 2018 11:49

Instrument :

BNA_E

ClientSampleId :

C0AE1

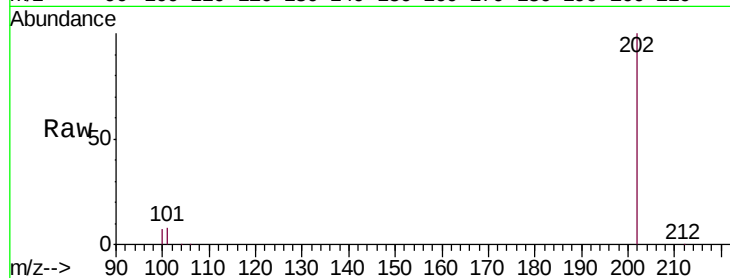
Tgt Ion:202 Resp: 805966

Ion Ratio Lower Upper

202 100

101 7.7 6.9 10.3

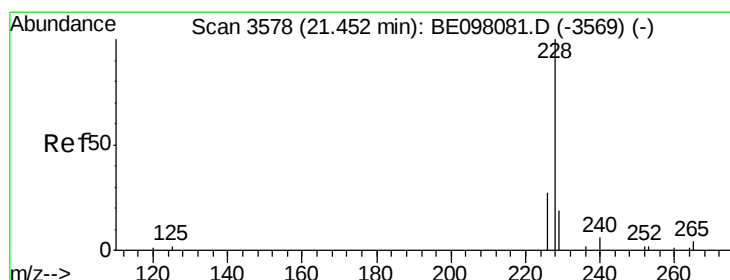
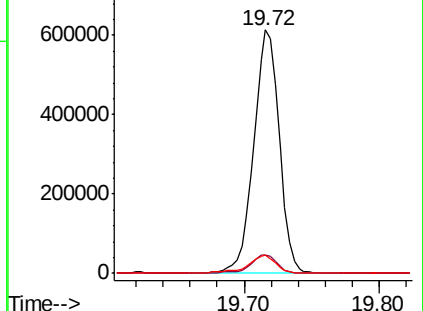
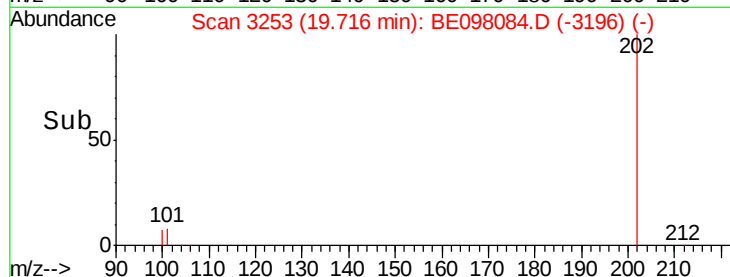
100 7.3 6.0 9.0



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: 1296.616 ng/ul

RT: 21.52 min Scan# 3587

Delta R.T. 0.06 min

Lab File: BE098084.D

Acq: 26 Oct 2018 11:49

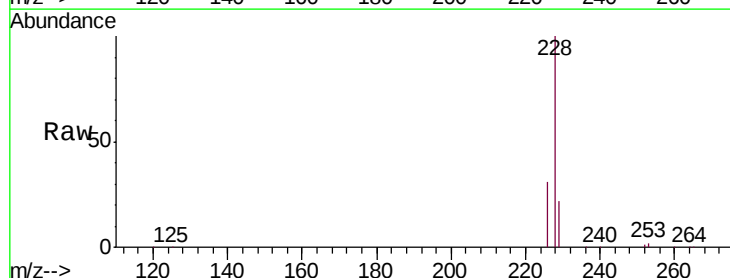
Tgt Ion:228 Resp: 625221

Ion Ratio Lower Upper

228 100

229 21.6 16.1 24.1

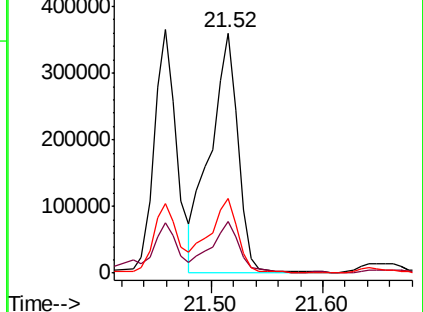
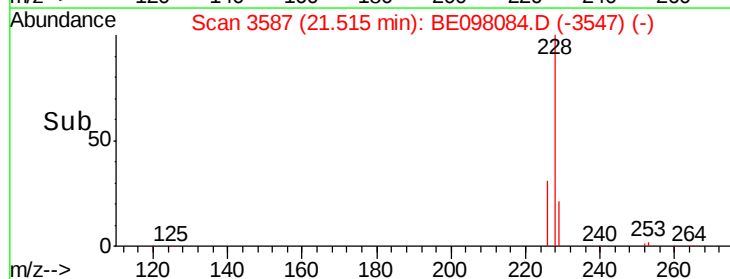
226 30.9 22.2 33.4

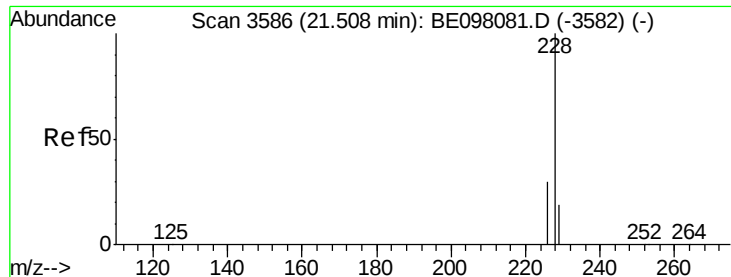


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 1676.171 ng/ul

RT: 21.52 min Scan# 3587

Delta R.T. 0.01 min

Lab File: BE098084.D

Acq: 26 Oct 2018 11:49

Instrument :

BNA_E

ClientSampleId :

C0AE1

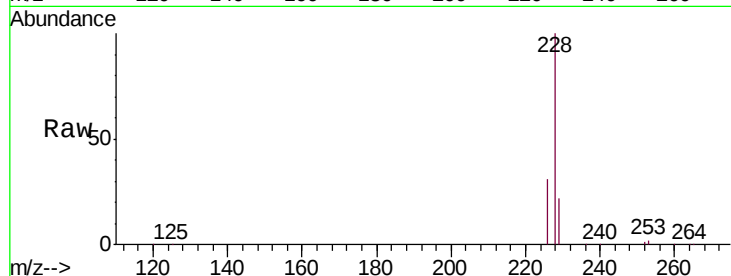
Tgt Ion:228 Resp: 625221

Ion Ratio Lower Upper

228 100

226 30.9 24.6 37.0

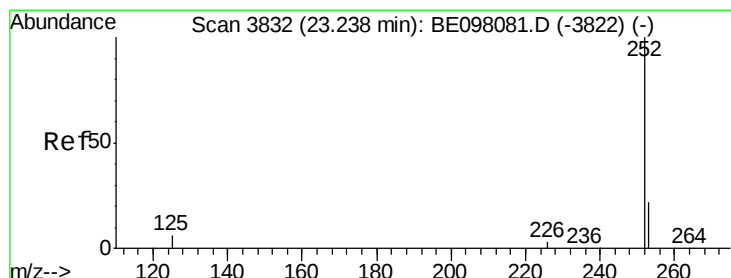
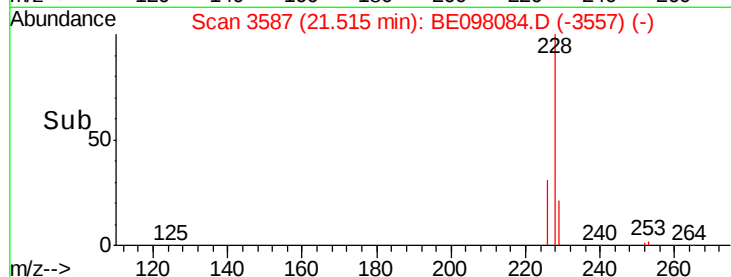
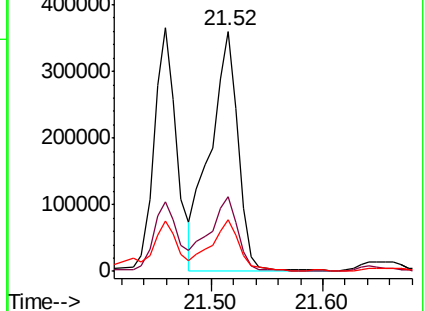
229 21.6 16.4 24.6



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: 17.966 ng/ul

RT: 23.44 min Scan# 3861

Delta R.T. 0.20 min

Lab File: BE098084.D

Acq: 26 Oct 2018 11:49

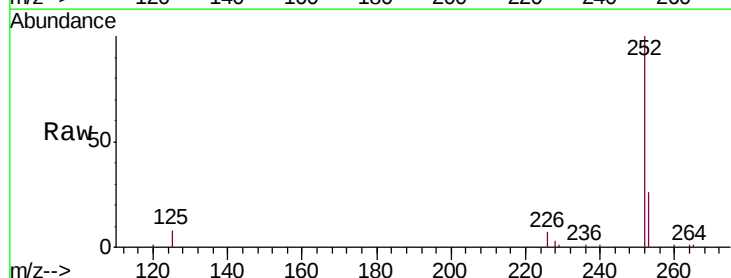
Tgt Ion:252 Resp: 104083

Ion Ratio Lower Upper

252 100

253 26.4 0.0 47.8

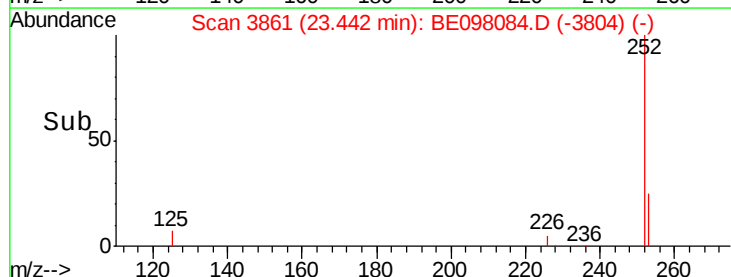
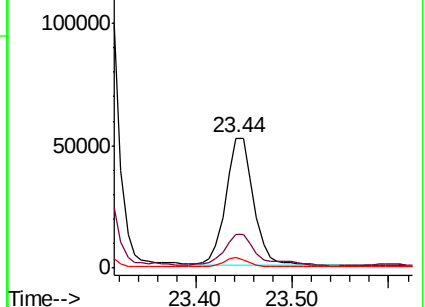
125 7.9 0.0 16.8

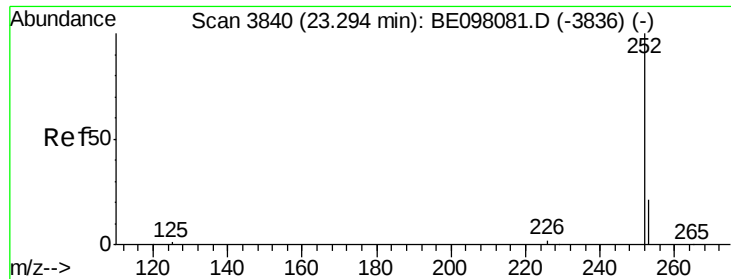


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 18.376 ng/ul

RT: 23.44 min Scan# 3861

Delta R.T. 0.15 min

Lab File: BE098084.D

Acq: 26 Oct 2018 11:49

Instrument :

BNA_E

ClientSampleId :

C0AE1

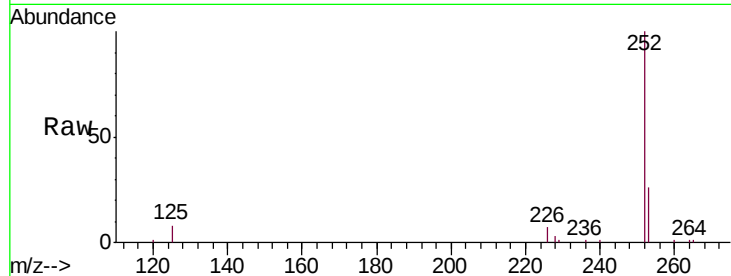
Tgt Ion:252 Resp: 104209

Ion Ratio Lower Upper

252 100

253 26.4 19.3 28.9

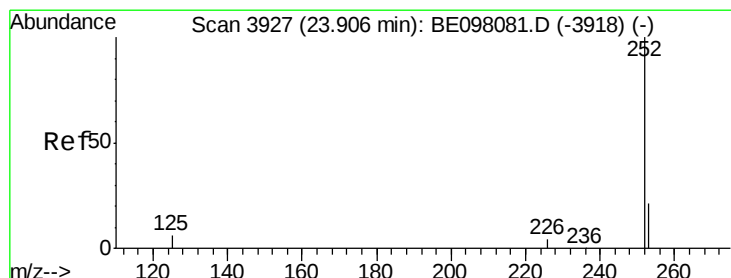
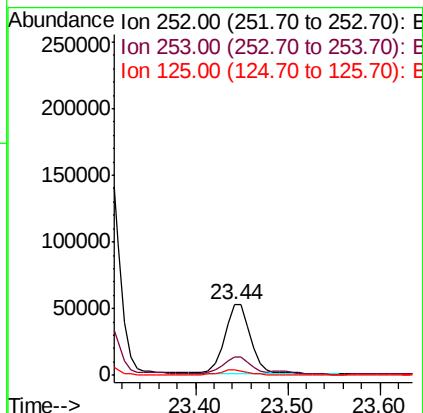
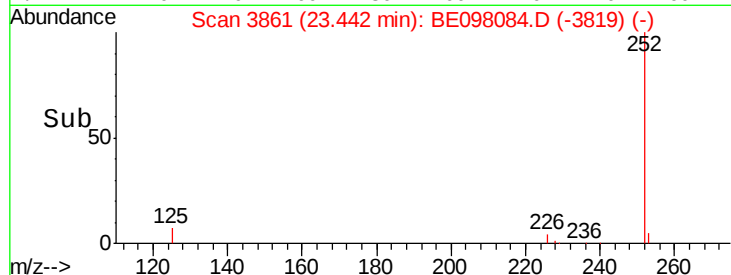
125 7.9 6.2 9.2



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: 17.634 ng/ul

RT: 24.08 min Scan# 3952

Delta R.T. 0.18 min

Lab File: BE098084.D

Acq: 26 Oct 2018 11:49

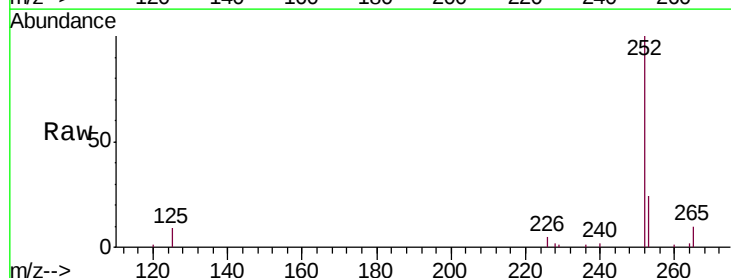
Tgt Ion:252 Resp: 98256

Ion Ratio Lower Upper

252 100

253 24.0 19.4 29.2

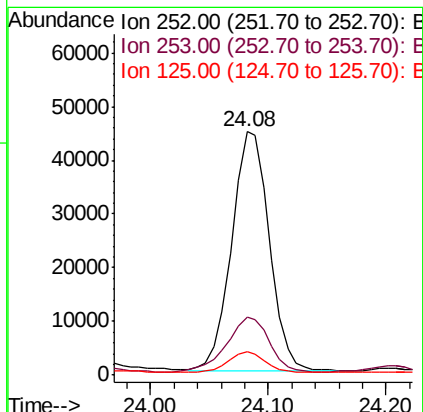
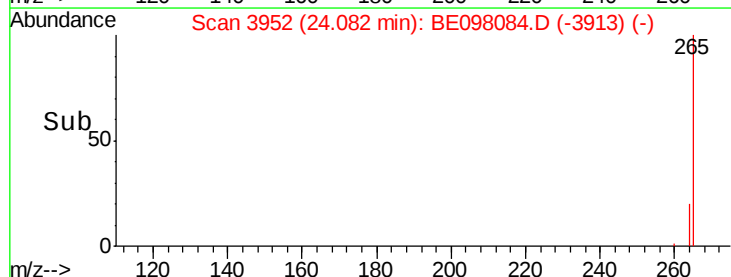
125 9.5 7.8 11.8

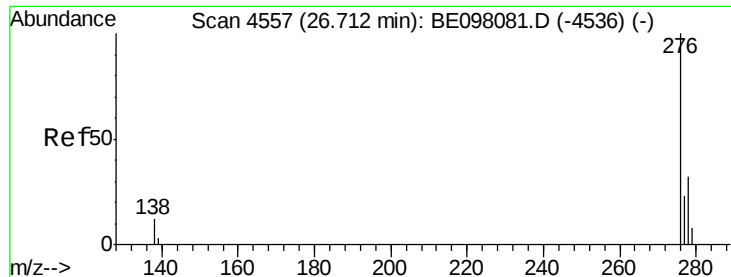


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



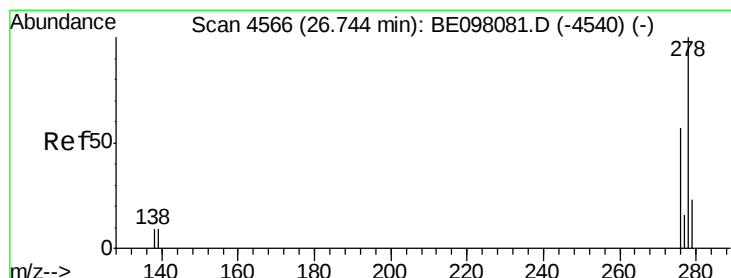
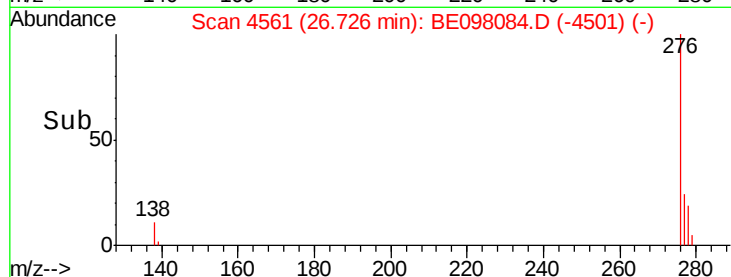
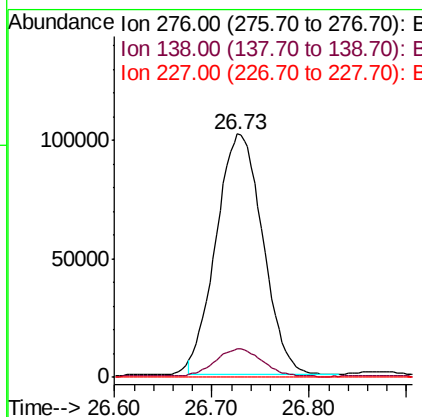
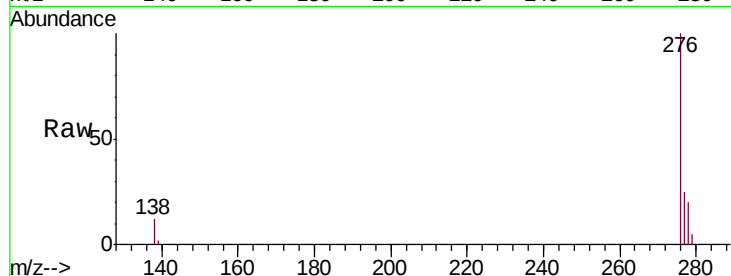


#24

Indeno(1,2,3-cd)pyrene
Concen: 52.822 ng/u1
RT: 26.73 min Scan# 4561
Delta R.T. 0.01 min
Lab File: BE098084.D
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Instrument :
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C0AE1

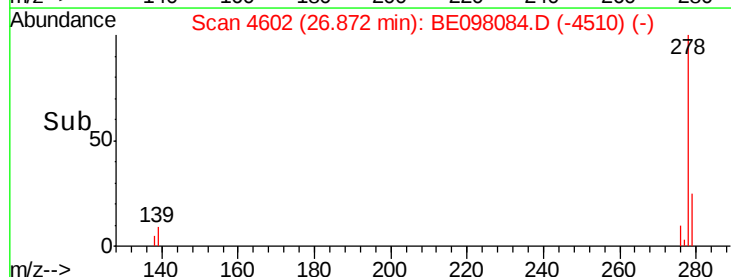
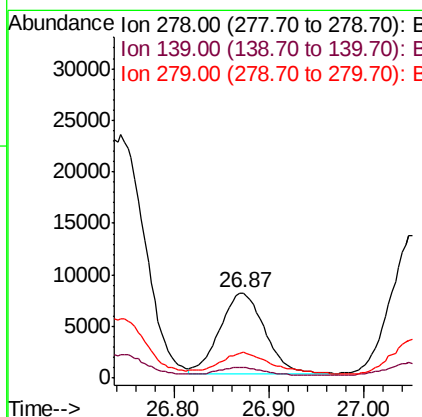
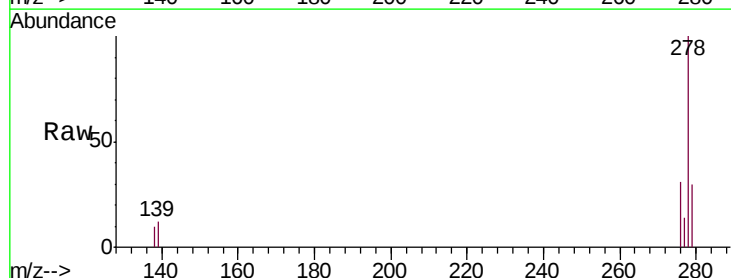
Tgt Ion:276 Resp: 337267
Ion Ratio Lower Upper
276 100
138 11.4 11.8 17.8#
227 0.0 0.0 0.0

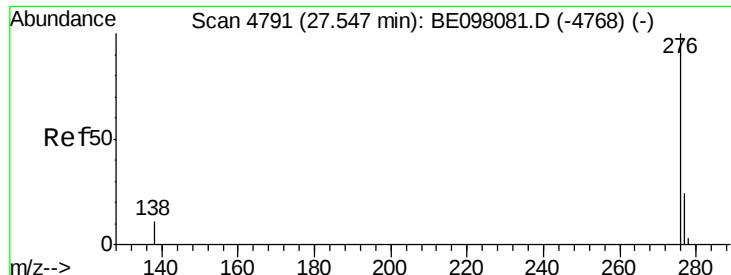


#25

Dibenzo(a,h)anthracene
Concen: 4.743 ng/u1
RT: 26.87 min Scan# 4602
Delta R.T. 0.13 min
Lab File: BE098084.D
Acq: 26 Oct 2018 11:49

Tgt Ion:278 Resp: 25241
Ion Ratio Lower Upper
278 100
139 12.4 10.0 15.0
279 30.0 20.3 30.5





#26

Benzo(g,h,i)perylene

Concen: 46.625 ng/ul

RT: 27.56 min Scan# 4794

Delta R.T. 0.01 min

Lab File: BE098084.D

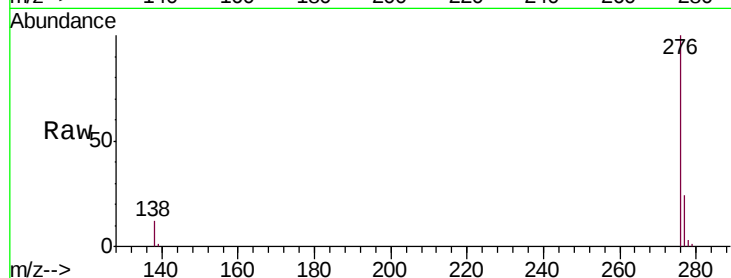
Acq: 26 Oct 2018 11:49

Instrument :

BNA_E

ClientSampleId :

C0AE1



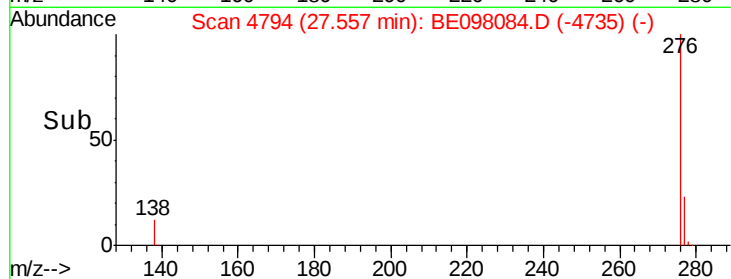
Tgt Ion: 276 Resp: 250617

Ion Ratio Lower Upper

276 100

138 11.9 11.6 17.4

277 23.7 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

100000 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

