

Data File : BE098023.D
Acq On : 22 Oct 2018 23:39
Operator : SJ/JU
Sample : J5567-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH7

Quant Time: Oct 23 02:38:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 02:34:53 2018
Response via : Initial Calibration

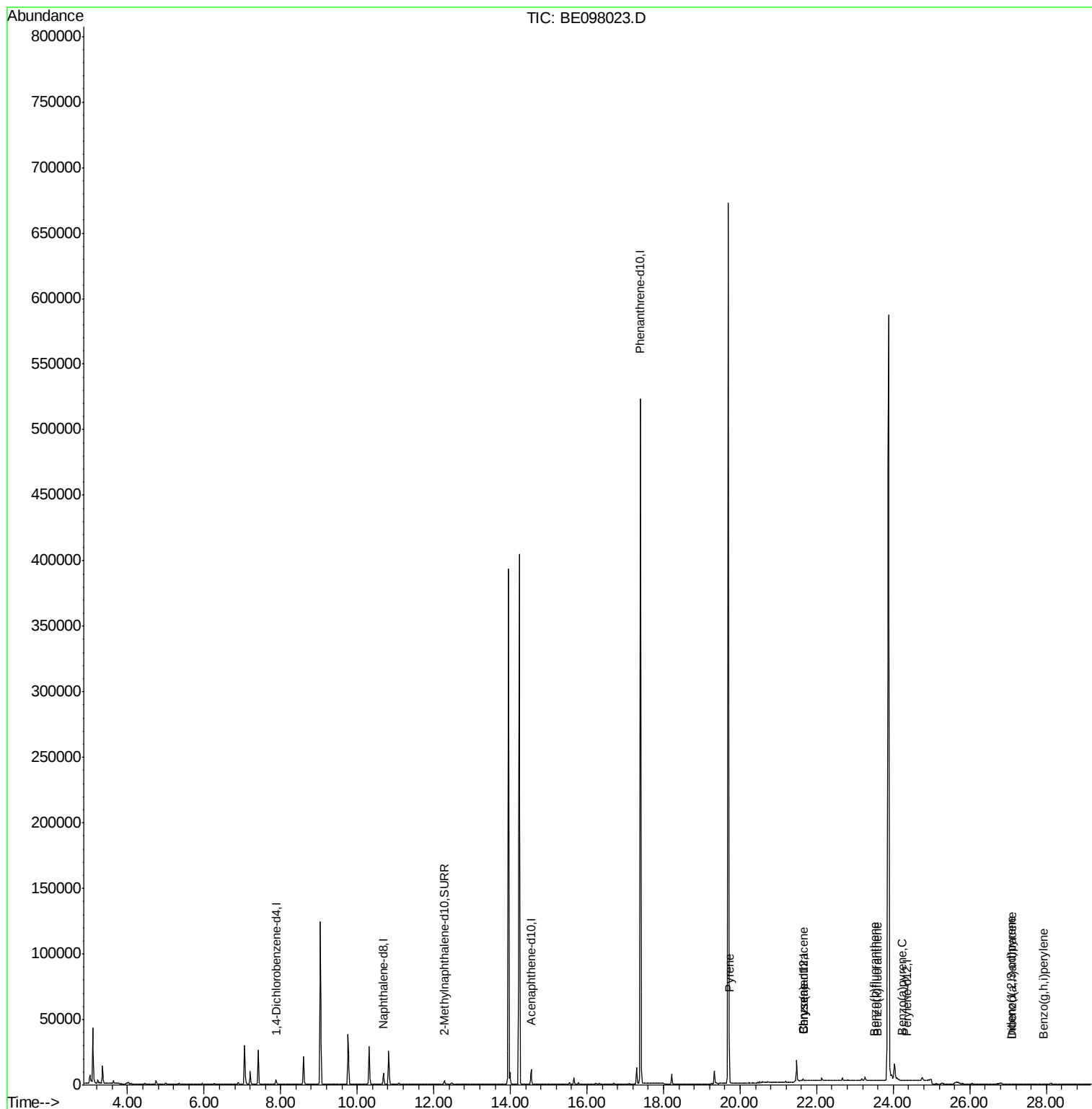
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1799	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	8873	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	6429	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.40	188	665135	0.40	ng/ul	0.11
16) Chrysene-d12	21.64	240	81	0.40	ng/ul	0.16
20) Perylene-d12	24.36	264	47	0.40	ng/ul	0.32
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3851	0.28	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Qvalue	
17) Pyrene	19.72	202	373	1.874	ng/ul#	1
18) Benzo(a)anthracene	21.64	228	206	0.916	ng/ul#	1
19) Chrysene	21.64	228	206	0.950	ng/ul#	1
21) Benzo(b)fluoranthene	23.53	252	49	0.403	ng/ul#	1
22) Benzo(k)fluoranthene	23.59	252	16	0.116	ng/ul#	1
23) Benzo(a)pyrene	24.24	252	98	0.882	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	27.07	276	3	0.024	ng/ul#	100
25) Dibenzo(a,h)anthracene	27.11	278	13	0.123	ng/ul#	1
26) Benzo(g,h,i)perylene	27.94	276	10	0.084	ng/ul#	1

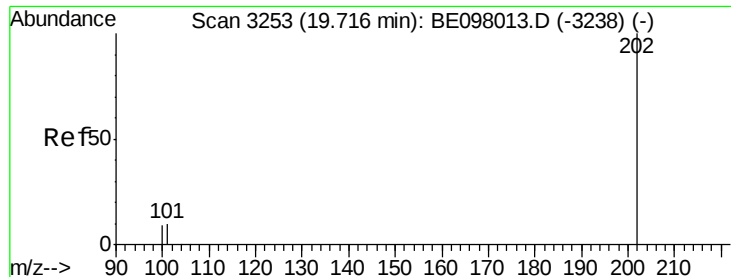
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Pyrene

Concen: 1.874 ng/ul

RT: 19.72 min Scan# 3253

Delta R.T. 0.00 min

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Acq: 22 Oct 2018 23:39

Instrument :

BNA_E

ClientSampleId :

C0AH7

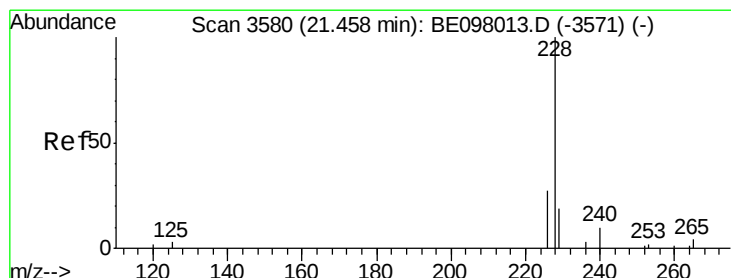
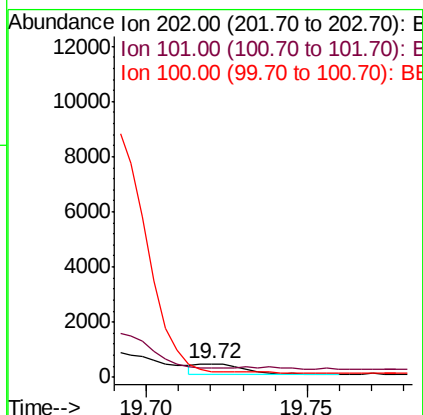
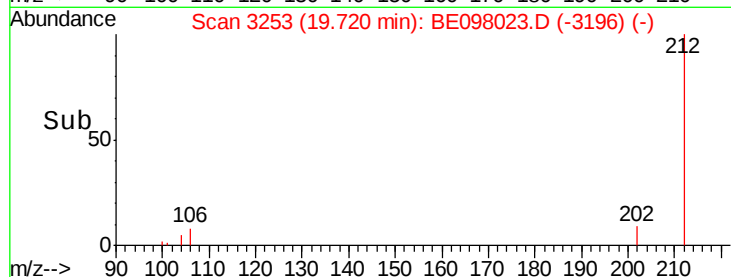
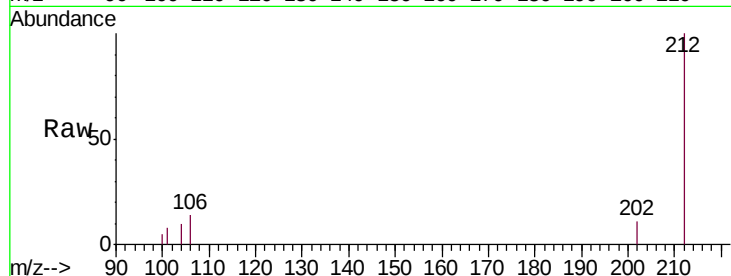
Tgt Ion:202 Resp: 373

Ion Ratio Lower Upper

202 100

101 70.0 8.8 13.2#

100 43.7 7.9 11.9#



#18

Benzo(a)anthracene

Concen: 0.916 ng/ul

RT: 21.64 min Scan# 3604

Delta R.T. 0.18 min

Lab File: BE098023.D

Acq: 22 Oct 2018 23:39

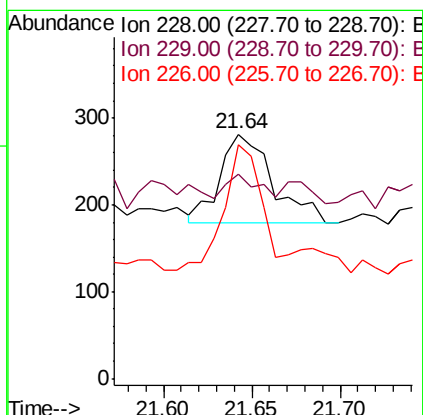
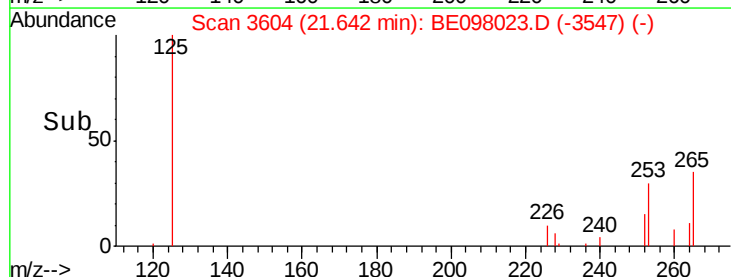
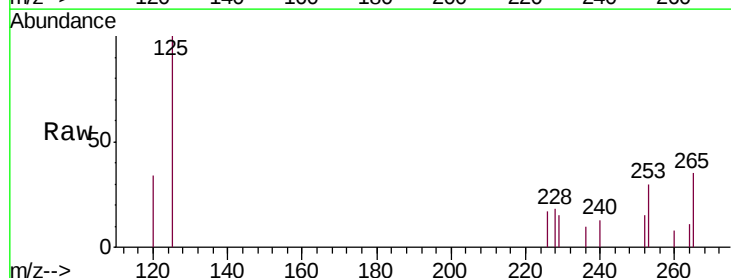
Tgt Ion:228 Resp: 206

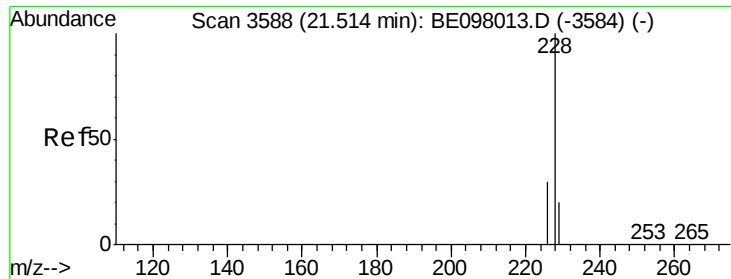
Ion Ratio Lower Upper

228 100

229 83.6 16.4 24.6#

226 95.7 21.5 32.3#





#19

Chrysene

Concen: 0.950 ng/ul

RT: 21.64 min Scan# 3604

Delta R.T. 0.13 min

Lab File: BE098023.D

Acq: 22 Oct 2018 23:39

Instrument :

BNA_E

ClientSampleId :

C0AH7

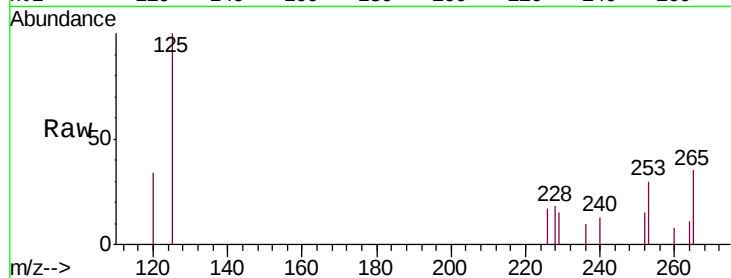
Tgt Ion:228 Resp: 206

Ion Ratio Lower Upper

228 100

226 95.7 23.0 34.4#

229 83.6 15.5 23.3#



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

21.64

300

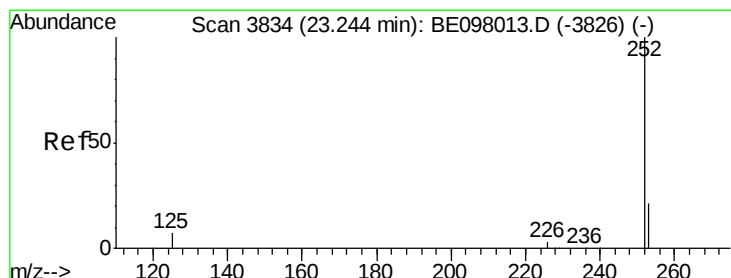
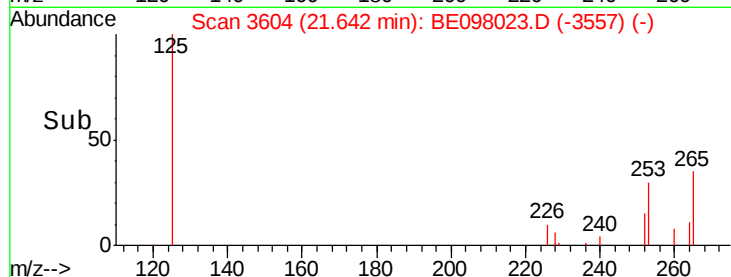
200

100

0

Time-->

21.60 21.65 21.70



#21

Benzo(b)fluoranthene

Concen: 0.403 ng/ul

RT: 23.53 min Scan# 3872

Delta R.T. 0.28 min

Lab File: BE098023.D

Acq: 22 Oct 2018 23:39

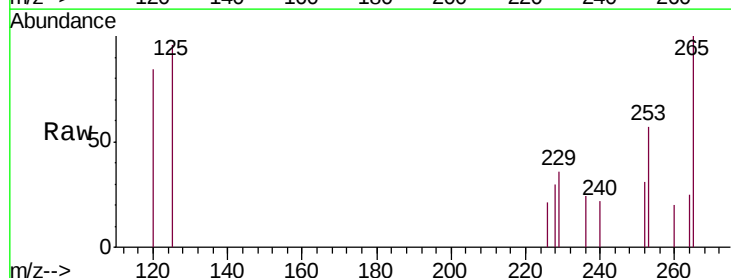
Tgt Ion:252 Resp: 49

Ion Ratio Lower Upper

252 100

253 186.6 0.0 47.0#

125 313.4 0.0 18.2#



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

800

600

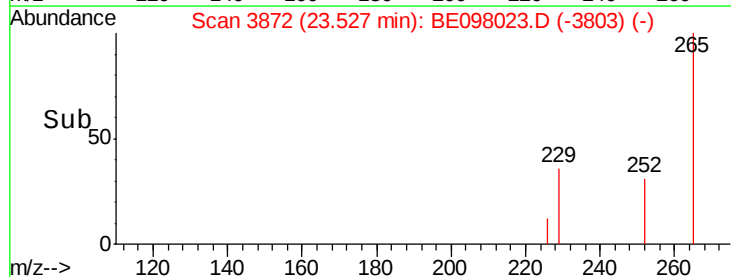
400

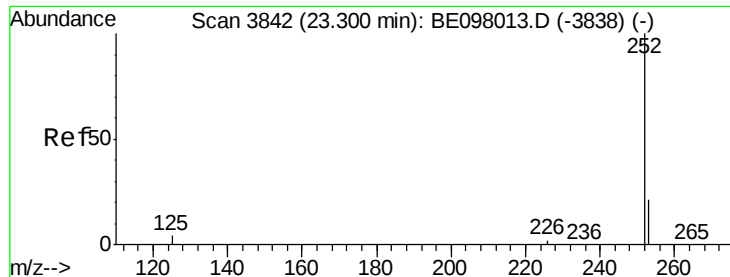
200

0

Time-->

23.50 23.52 23.54





#22

Benzo(k)fluoranthene

Concen: 0.116 ng/ul

RT: 23.59 min Scan# 3881

Delta R.T. 0.29 min

Lab File: BE098023.D

Acq: 22 Oct 2018 23:39

Instrument :

BNA_E

ClientSampleId :

C0AH7

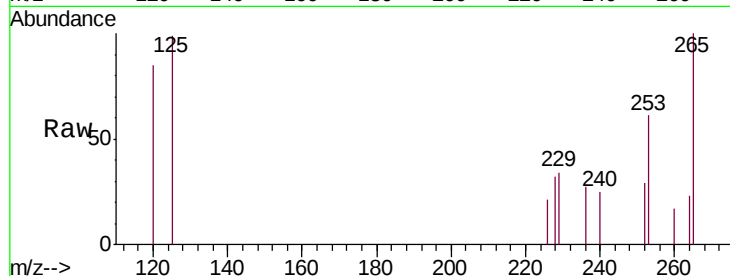
Tgt Ion:252 Resp: 16

Ion Ratio Lower Upper

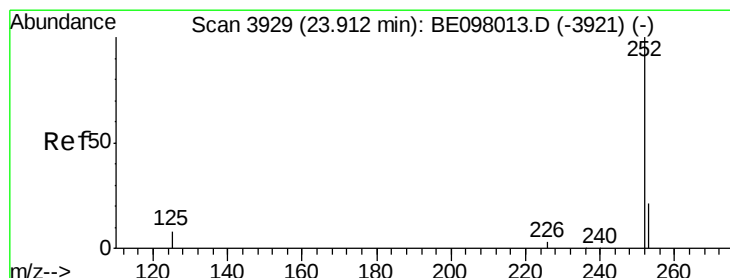
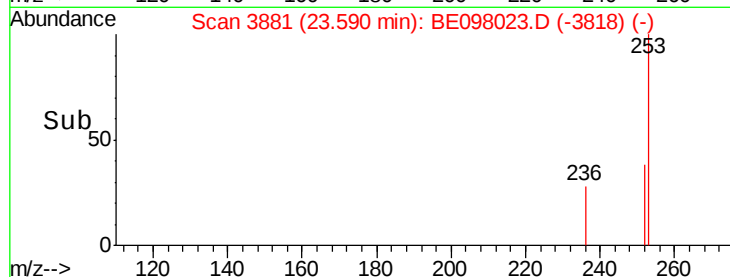
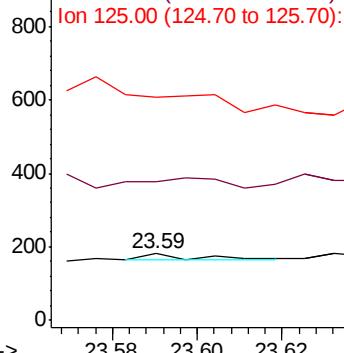
252 100

253 208.2 17.8 26.6#

125 334.6 9.4 14.0#



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



#23

Benzo(a)pyrene

Concen: 0.882 ng/ul

RT: 24.24 min Scan# 3973

Delta R.T. 0.32 min

Lab File: BE098023.D

Acq: 22 Oct 2018 23:39

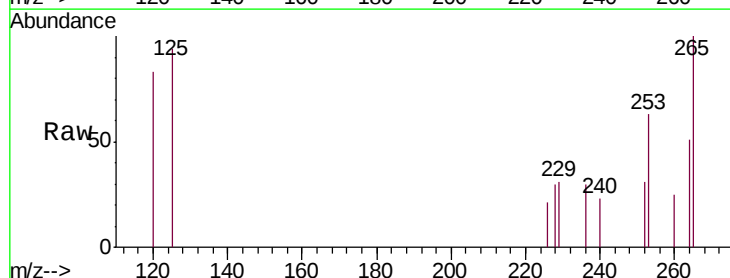
Tgt Ion:252 Resp: 98

Ion Ratio Lower Upper

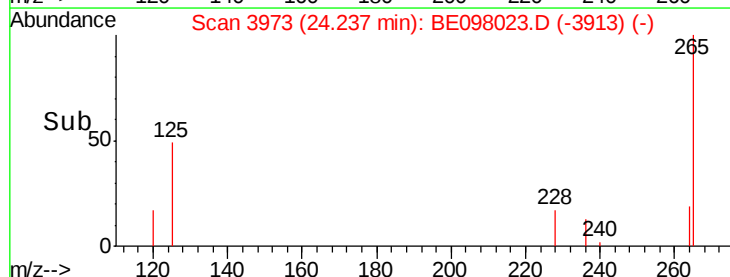
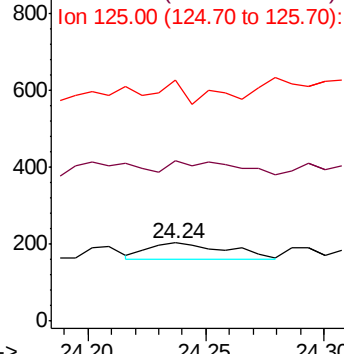
252 100

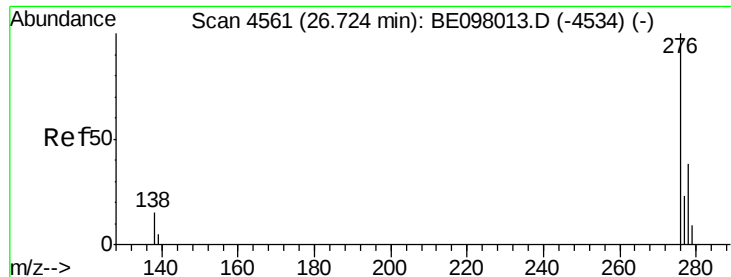
253 204.4 18.2 27.4#

125 307.8 8.3 12.5#



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



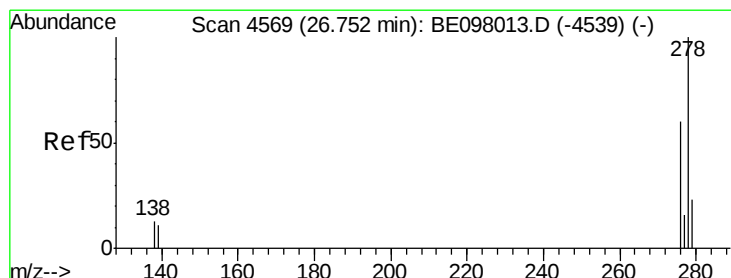
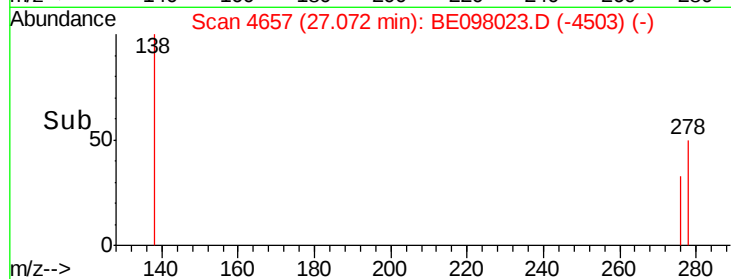
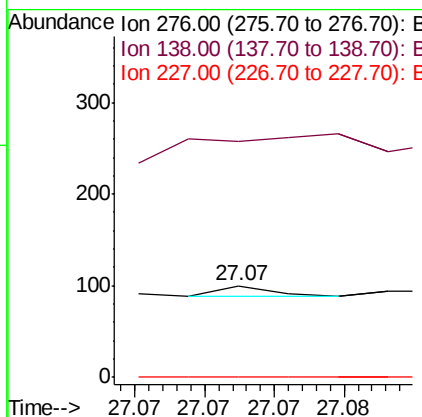
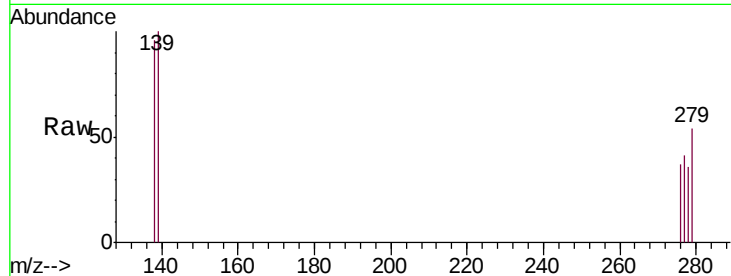


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.024 ng/u1
RT: 27.07 min Scan# 4657
Delta R.T. 0.35 min
Lab File: BE098023.D
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Instrument :
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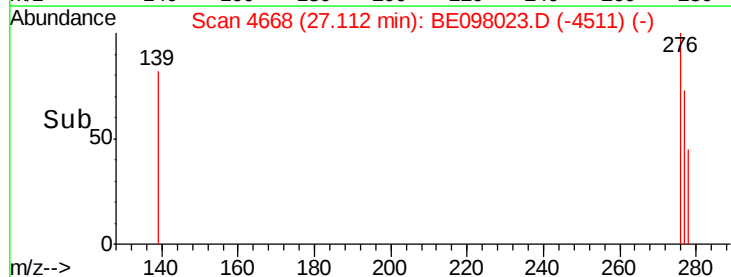
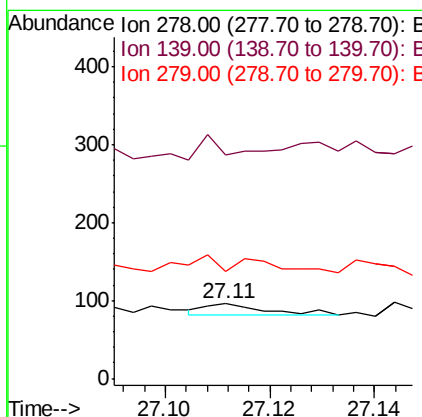
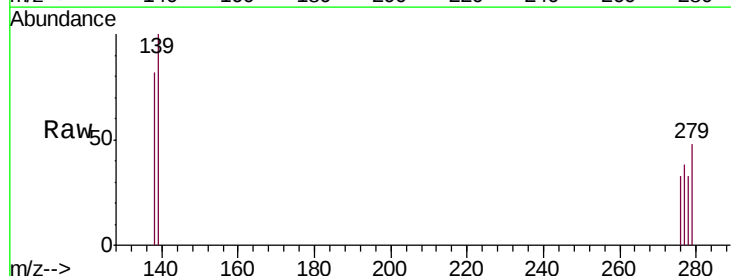
Tgt Ion: 276 Resp: 3
Ion Ratio Lower Upper
276 100
138 2133.3 0.0 0.0#
227 0.0 0.0 0.0

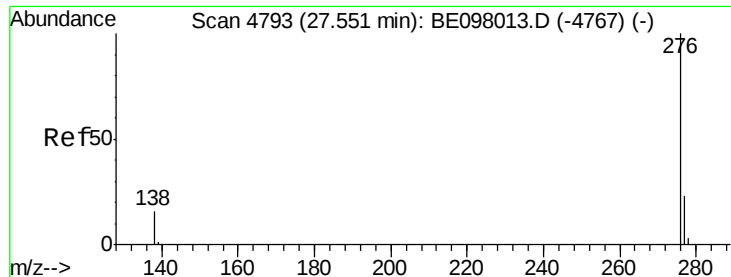


#25

Dibenzo(a,h)anthracene
Concen: 0.123 ng/u1
RT: 27.11 min Scan# 4668
Delta R.T. 0.36 min
Lab File: BE098023.D
Acq: 22 Oct 2018 23:39

Tgt Ion: 278 Resp: 13
Ion Ratio Lower Upper
278 100
139 299.0 10.9 16.3#
279 143.8 18.8 28.2#





#26

Benzo(g,h,i)perylene

Concen: 0.084 ng/ul

RT: 27.94 min Scan# 4900

Delta R.T. 0.39 min

Lab File: BE098023.D

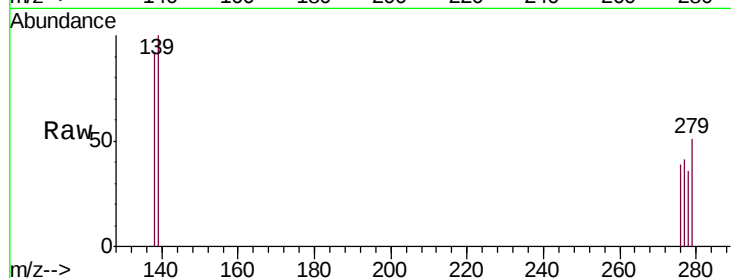
Acq: 22 Oct 2018 23:39

Instrument :

BNA_E

ClientSampleId :

C0AH7



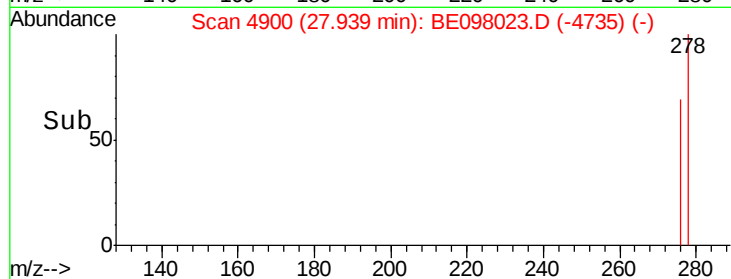
Tgt Ion: 276 Resp: 10

Ion Ratio Lower Upper

276 100

138 236.5 14.3 21.5#

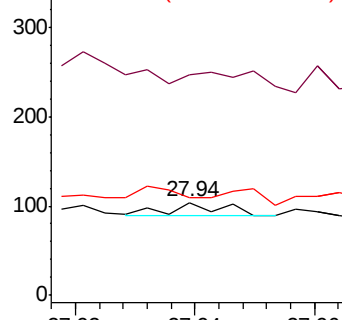
277 105.8 19.5 29.3#



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



Time-->