

Data File : BE098134.D
Acq On : 1 Nov 2018 2:20
Operator : SJ/JU
Sample : J5701-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A40J7

Quant Time: Nov 01 04:21:02 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 : Thu Nov 01 02:11:37 2018
Response via : Initial Calibration

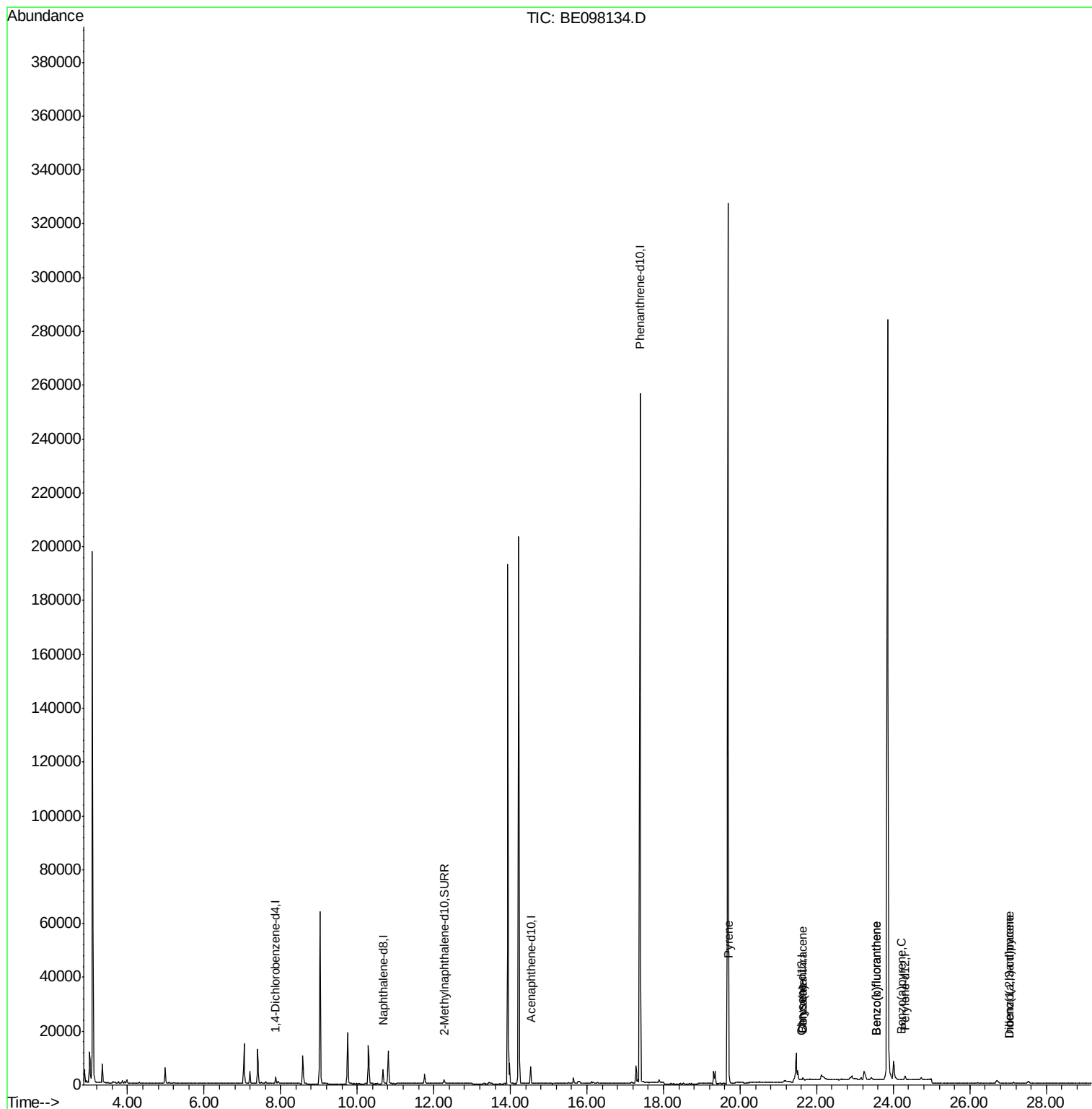
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1110	0.40	ng/ul	0.00
2) Naphthalene-d8	10.67	136	5483	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	3789	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.39	188	323635	0.40	ng/ul	0.10
16) Chrysene-d12	21.61	240	8	0.40	ng/ul	0.14
20) Perylene-d12	24.31	264	281	0.40	ng/ul	0.29
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	1906	0.20	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Qvalue	
17) Pyrene	19.71	202	5130	274.635	ng/ul#	91
18) Benzo(a)anthracene	21.64	228	413	17.558	ng/ul#	15
19) Chrysene	21.64	228	413	22.698	ng/ul#	21
21) Benzo(b)fluoranthene	23.57	252	24	0.031	ng/ul#	1
22) Benzo(k)fluoranthene	23.57	252	24	0.031	ng/ul#	1
23) Benzo(a)pyrene	24.22	252	212	0.283	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	27.02	276	82	0.096	ng/ul#	97
25) Dibenzo(a,h)anthracene	27.04	278	326	0.456	ng/ul#	1

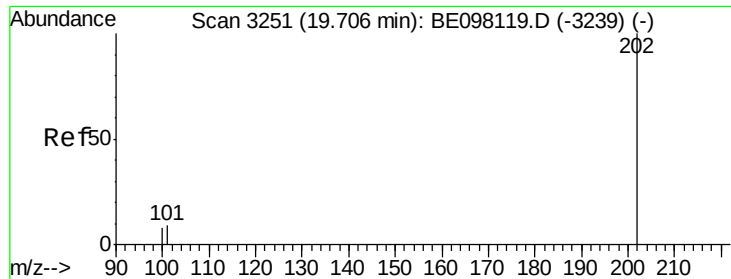
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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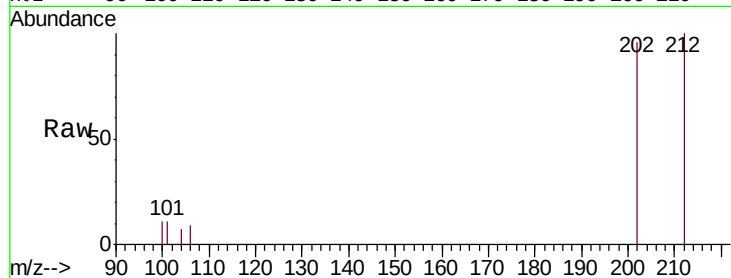




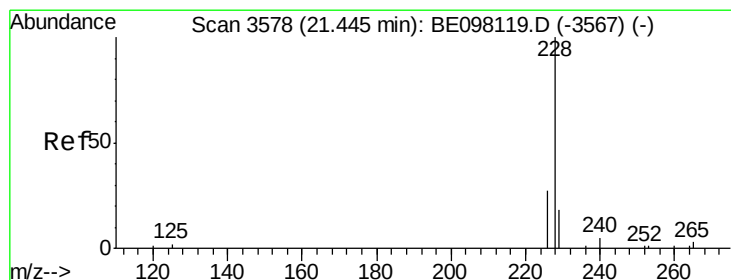
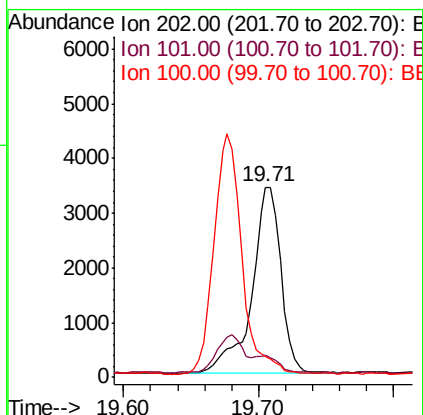
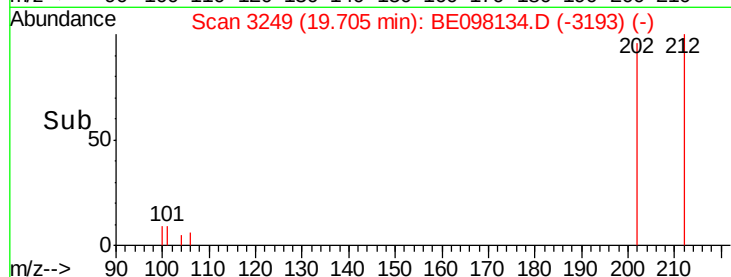
#17
Pyrene
 Concen: 274.635 ng/ul
 RT: 19.71 min Scan# 3249
 Delta R.T. -0.00 min
 Lab File: BE098134.D
 Acq: 1 Nov 2018 2:20

Instrument :
 BNA_E
 ClientSampleId :
 A40J7

Tgt Ion:202 Resp: 5130
 Ion Ratio Lower Upper
 202 100
 101 11.7 6.9 10.3#
 100 10.9 6.0 9.0#

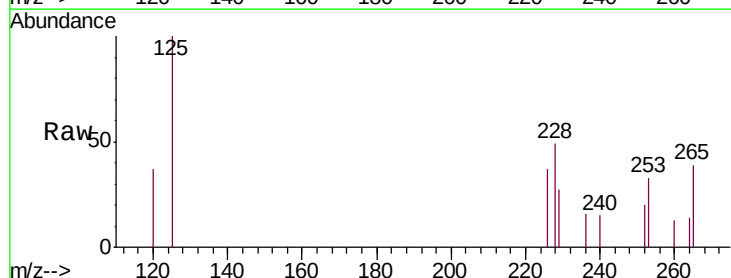


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): E

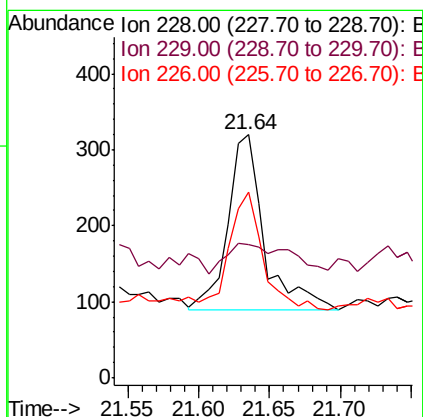
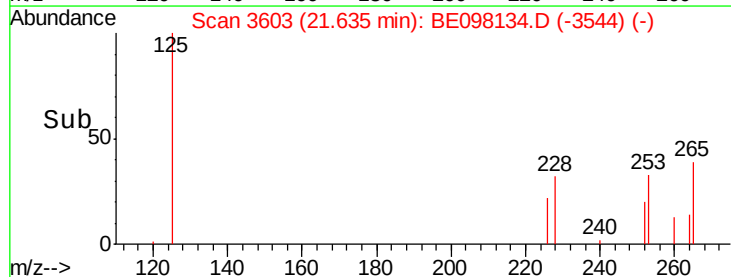


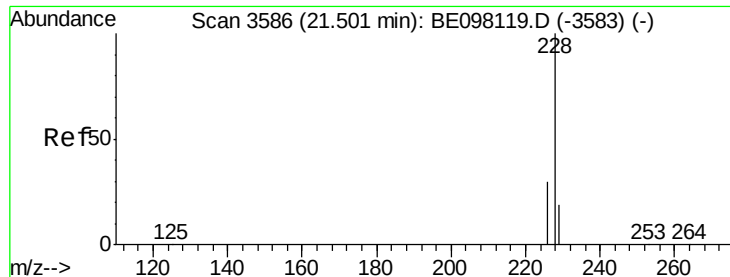
#18
Benzo(a)anthracene
 Concen: 17.558 ng/ul
 RT: 21.64 min Scan# 3603
 Delta R.T. 0.19 min
 Lab File: BE098134.D
 Acq: 1 Nov 2018 2:20

Tgt Ion:228 Resp: 413
 Ion Ratio Lower Upper
 228 100
 229 54.7 16.1 24.1#
 226 76.3 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: 22.698 ng/ul

RT: 21.64 min Scan# 3603

Delta R.T. 0.13 min

Lab File: BE098134.D

Acq: 1 Nov 2018 2:20

Instrument :

BNA_E

ClientSampleId :

A40J7

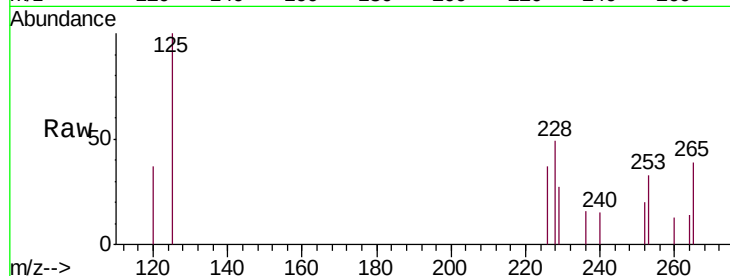
Tgt Ion:228 Resp: 413

Ion Ratio Lower Upper

228 100

226 76.3 24.6 37.0#

229 54.7 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

21.64

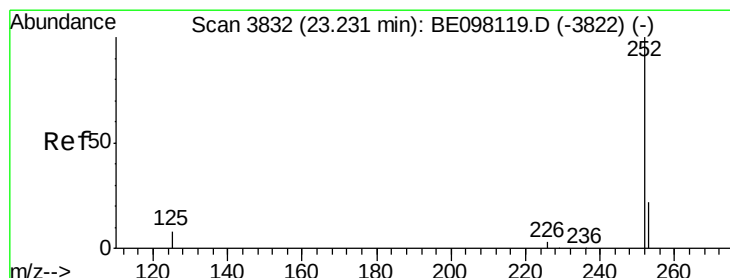
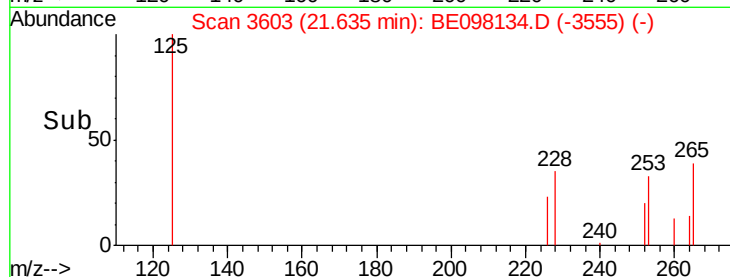
300

200

100

0

Time--> 21.55 21.60 21.65 21.70



#21

Benzo(b)fluoranthene

Concen: 0.031 ng/ul

RT: 23.57 min Scan# 3878

Delta R.T. 0.34 min

Lab File: BE098134.D

Acq: 1 Nov 2018 2:20

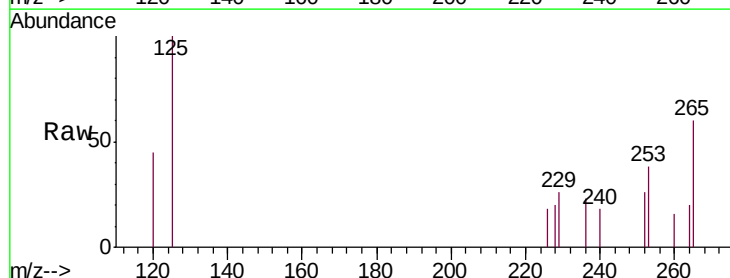
Tgt Ion:252 Resp: 24

Ion Ratio Lower Upper

252 100

253 145.9 0.0 47.8#

125 380.0 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

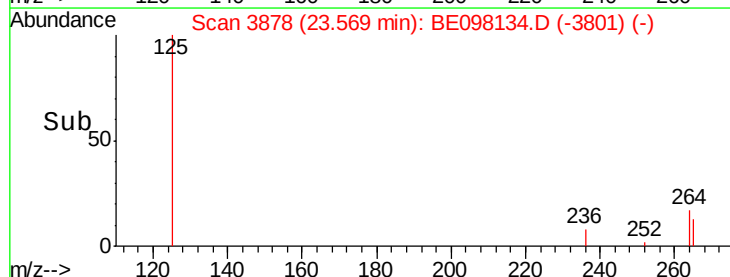
600

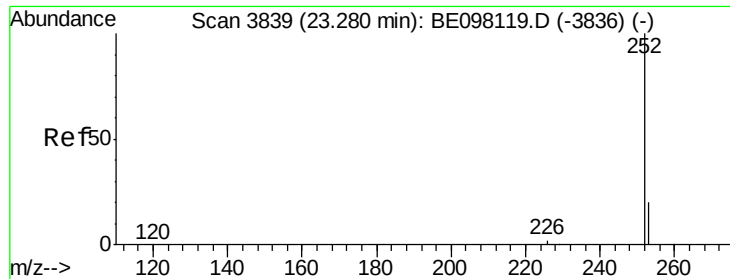
400

200

0

Time--> 23.56 23.58 23.60





#22

Benzo(k)fluoranthene

Concen: 0.031 ng/ul

RT: 23.57 min Scan# 3878

Delta R.T. 0.29 min

Lab File: BE098134.D

Acq: 1 Nov 2018 2:20

Instrument :

BNA_E

ClientSampleId :

A40J7

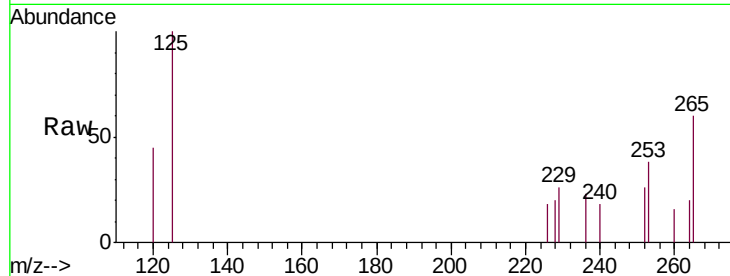
Tgt Ion:252 Resp: 24

Ion Ratio Lower Upper

252 100

253 145.9 19.3 28.9#

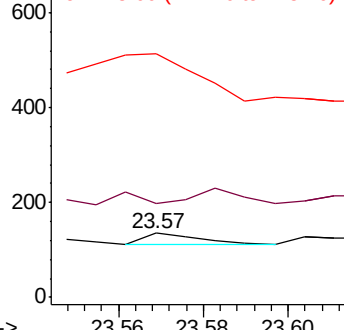
125 380.0 6.2 9.2#



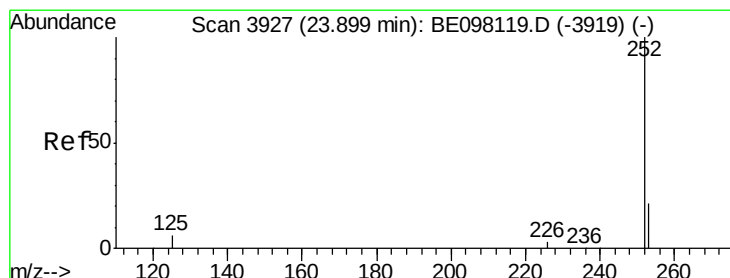
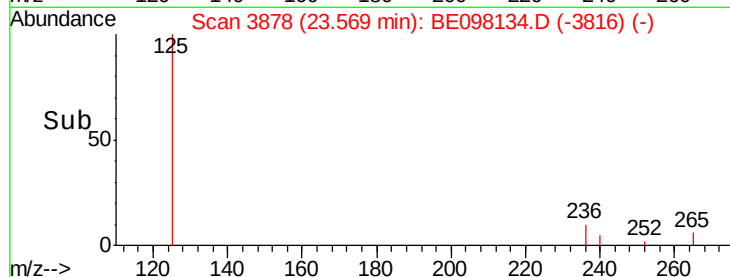
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#23

Benzo(a)pyrene

Concen: 0.283 ng/ul

RT: 24.22 min Scan# 3971

Delta R.T. 0.32 min

Lab File: BE098134.D

Acq: 1 Nov 2018 2:20

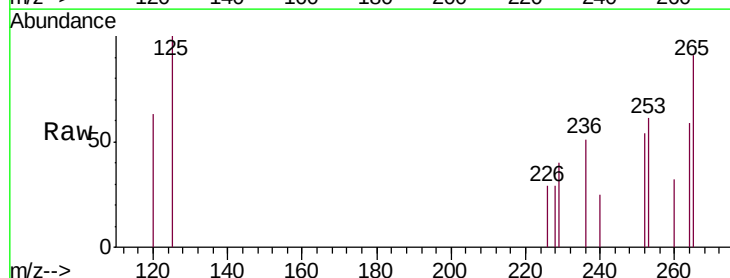
Tgt Ion:252 Resp: 212

Ion Ratio Lower Upper

252 100

253 113.2 19.4 29.2#

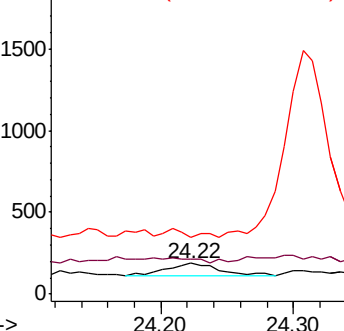
125 184.7 7.8 11.8#



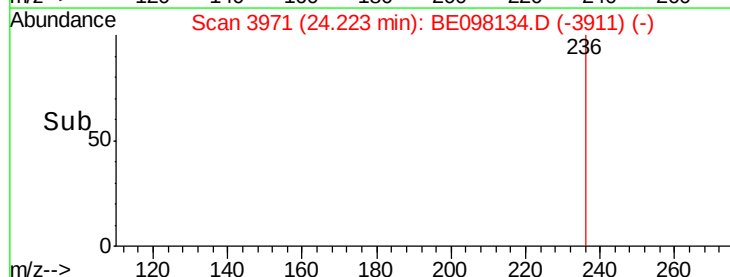
Abundance Ion 252.00 (251.70 to 252.70): E

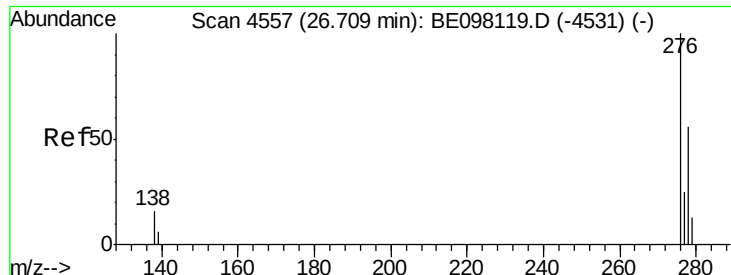
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.096 ng/ul

RT: 27.02 min Scan# 4642

Delta R.T. 0.31 min

Lab File: BE098134.D

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Instrument :

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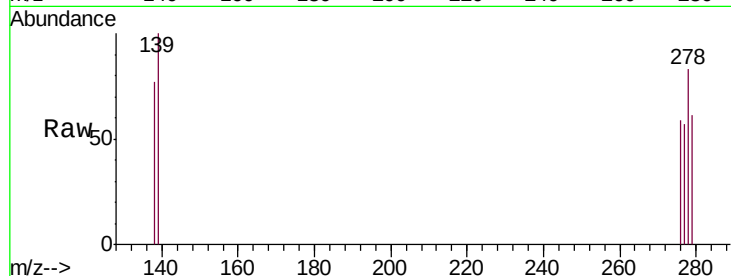
Tgt Ion:276 Resp: 82

Ion Ratio Lower Upper

276 100

138 15.9 11.8 17.8

227 0.0 0.0 0.0

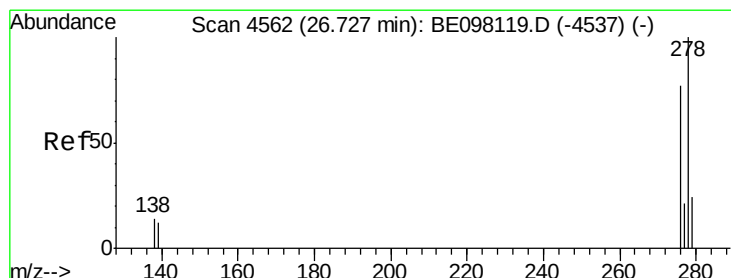
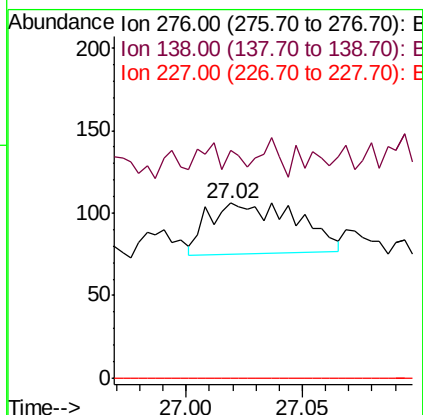
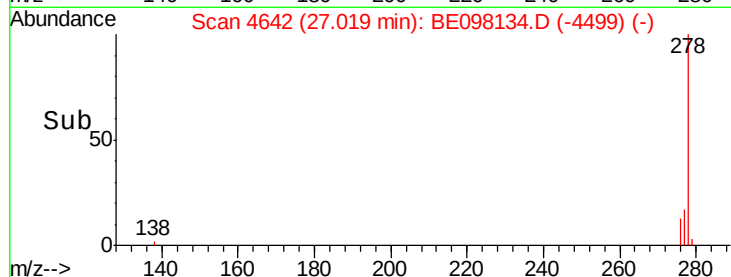


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

27.02



#25

Dibenzo(a,h)anthracene

Concen: 0.456 ng/ul

RT: 27.04 min Scan# 4648

Delta R.T. 0.31 min

Lab File: BE098134.D

Acq: 1 Nov 2018 2:20

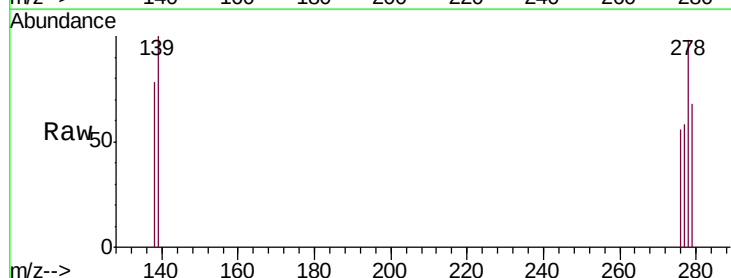
Tgt Ion:278 Resp: 326

Ion Ratio Lower Upper

278 100

139 101.8 10.0 15.0#

279 69.2 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

27.04

