

Data File : BE098024.D
Acq On : 23 Oct 2018 00:15
Operator : SJ/JU
Sample : J5567-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH3

Quant Time: Oct 23 02:38:58 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	1814	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	8933	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	6677	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.40	188	964747	0.40	ng/ul	0.11
16) Chrysene-d12	21.62	240	24	0.40	ng/ul	0.14
20) Perylene-d12	24.28	264	197	0.40	ng/ul	0.25

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	5776	0.41	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

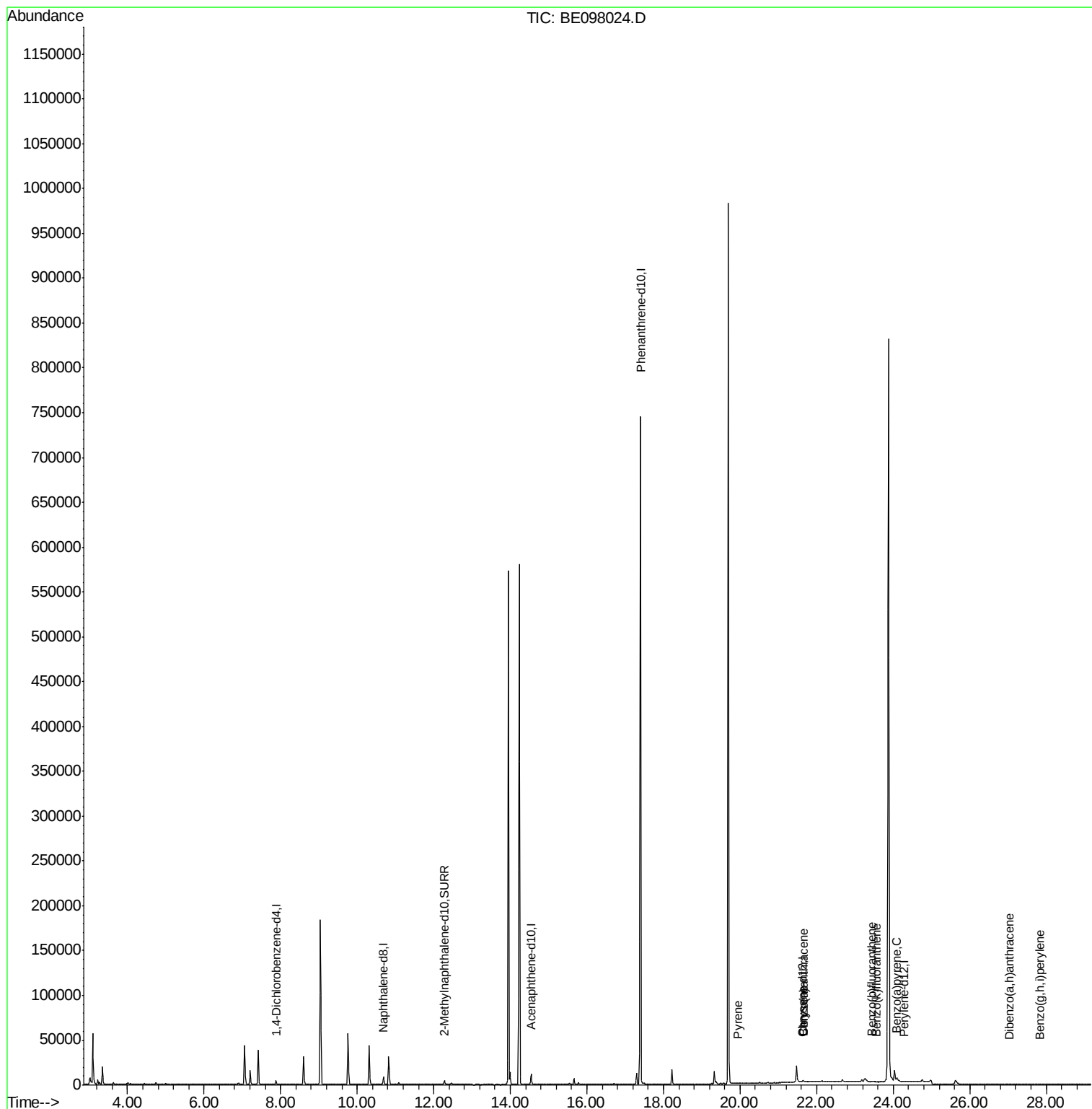
Target Compounds				Qvalue		
17) Pyrene	19.96	202	62	1.051	ng/ul#	1
18) Benzo(a)anthracene	21.64	228	687	10.313	ng/ul#	12
19) Chrysene	21.64	228	687	10.690	ng/ul#	13
21) Benzo(b)fluoranthene	23.45	252	839	1.648	ng/ul#	1
22) Benzo(k)fluoranthene	23.55	252	37	0.064	ng/ul#	1
23) Benzo(a)pyrene	24.09	252	1019	2.188	ng/ul#	1
25) Dibenzo(a,h)anthracene	27.03	278	10	0.023	ng/ul#	1
26) Benzo(g,h,i)perylene	27.83	276	100	0.200	ng/ul#	1

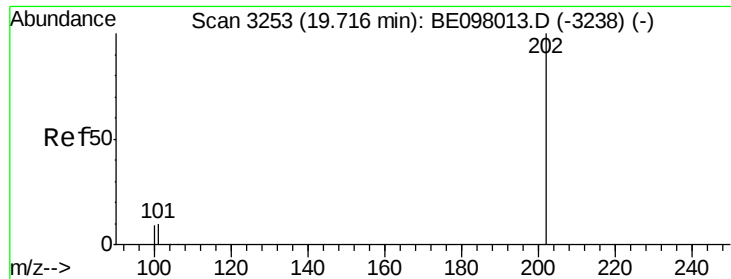
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Pyrene

Concen: 1.051 ng/ul

RT: 19.96 min Scan# 3302

Delta R.T. 0.24 min

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BNA_E

ClientSampleId :

C0AH3

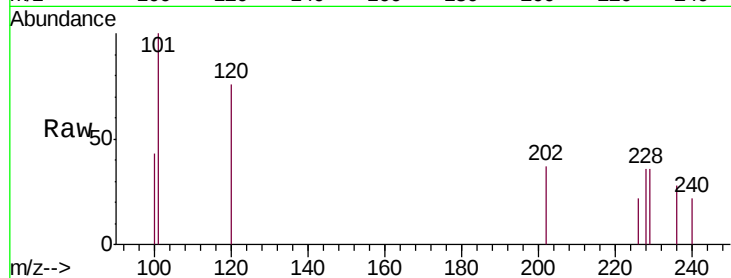
Tgt Ion:202 Resp: 62

Ion Ratio Lower Upper

202 100

101 268.0 8.8 13.2#

100 115.7 7.9 11.9#



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

600

500

400

300

200

100

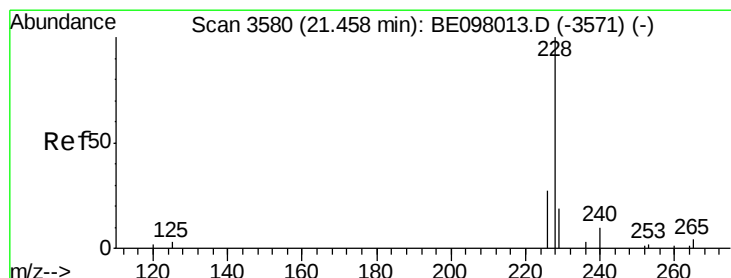
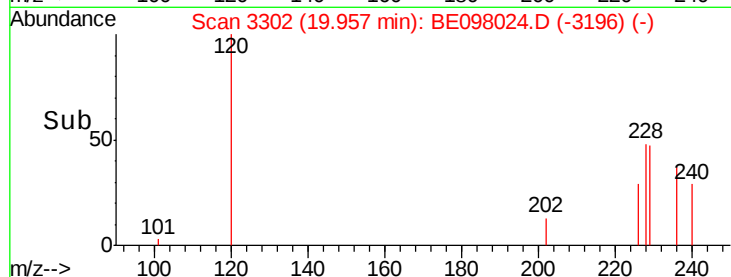
0

19.90

19.95

20.00

Time-->



#18

Benzo(a)anthracene

Concen: 10.313 ng/ul

RT: 21.64 min Scan# 3605

Delta R.T. 0.18 min

Lab File: BE098024.D

Acq: 23 Oct 2018 00:15

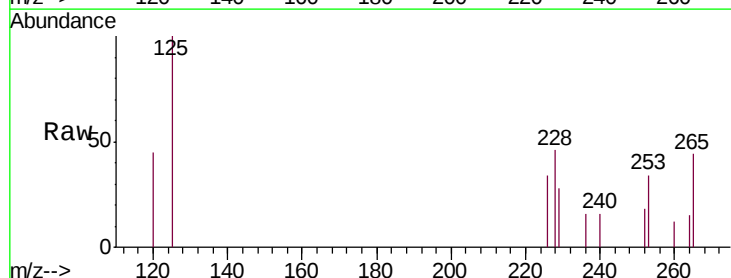
Tgt Ion:228 Resp: 687

Ion Ratio Lower Upper

228 100

229 60.3 16.4 24.6#

226 73.6 21.5 32.3#



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

800

600

400

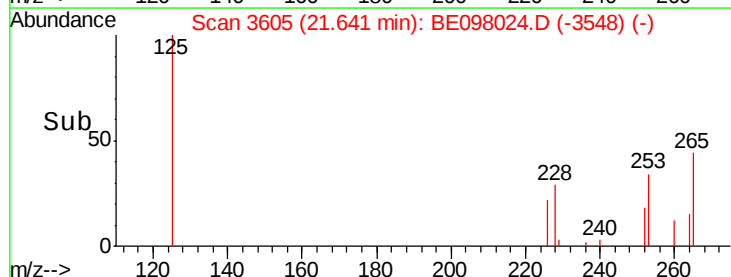
200

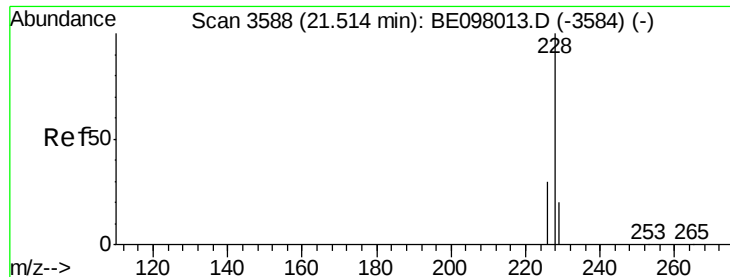
0

21.60

21.70

Time-->





#19

Chrysene

Concen: 10.690 ng/ul

RT: 21.64 min Scan# 3605

Delta R.T. 0.13 min

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Acq: 23 Oct 2018 00:15

Instrument :

BNA_E

ClientSampleId :

C0AH3

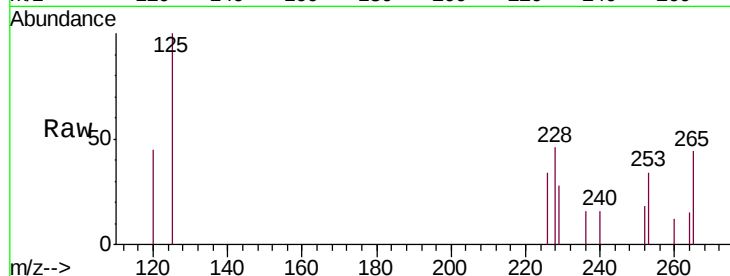
Tgt Ion:228 Resp: 687

Ion Ratio Lower Upper

228 100

226 73.6 23.0 34.4#

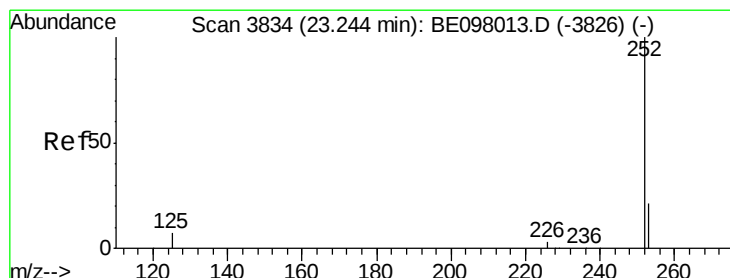
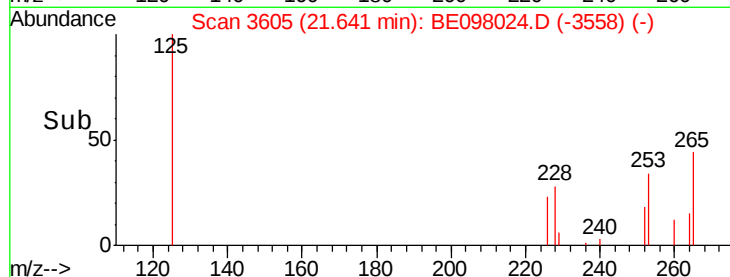
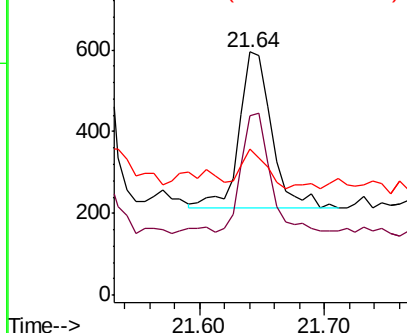
229 60.3 15.5 23.3#



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

Benzo(b)fluoranthene

Concen: 1.648 ng/ul

RT: 23.45 min Scan# 3862

Delta R.T. 0.20 min

Lab File: BE098024.D

Acq: 23 Oct 2018 00:15

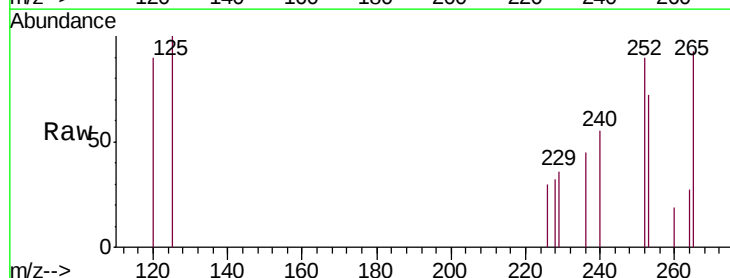
Tgt Ion:252 Resp: 839

Ion Ratio Lower Upper

252 100

253 80.2 0.0 47.0#

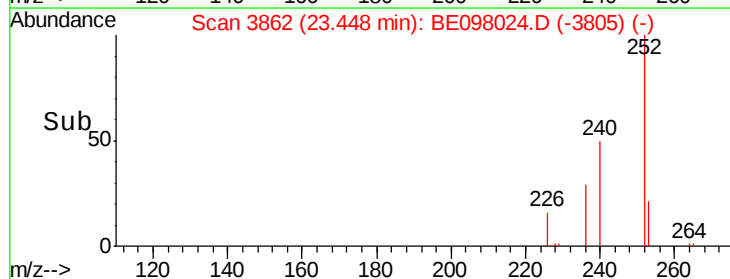
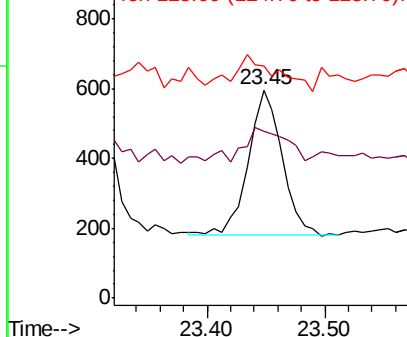
125 111.4 0.0 18.2#

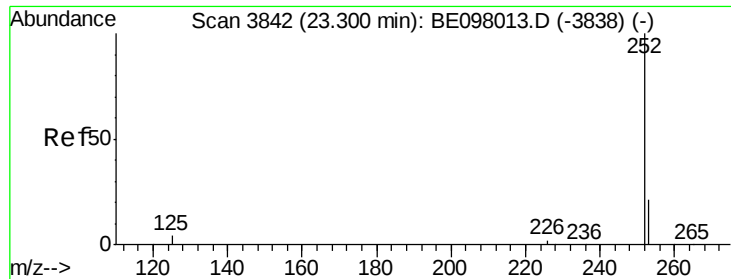


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.064 ng/ul

RT: 23.55 min Scan# 3877

Delta R.T. 0.25 min

Lab File: BE098024.D

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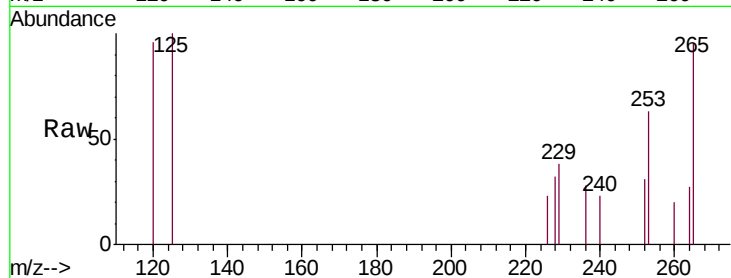
Tgt Ion:252 Resp: 37

Ion Ratio Lower Upper

252 100

253 200.5 17.8 26.6#

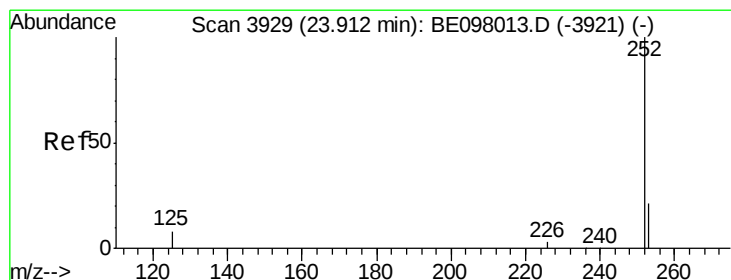
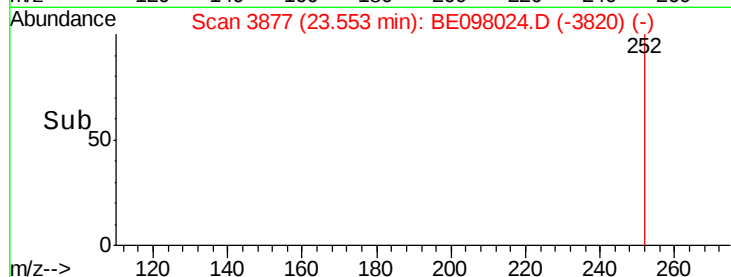
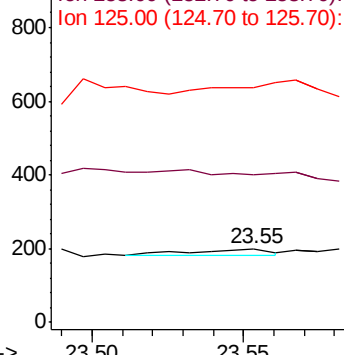
125 318.5 9.4 14.0#



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: 2.188 ng/ul

RT: 24.09 min Scan# 3954

Delta R.T. 0.18 min

Lab File: BE098024.D

Acq: 23 Oct 2018 00:15

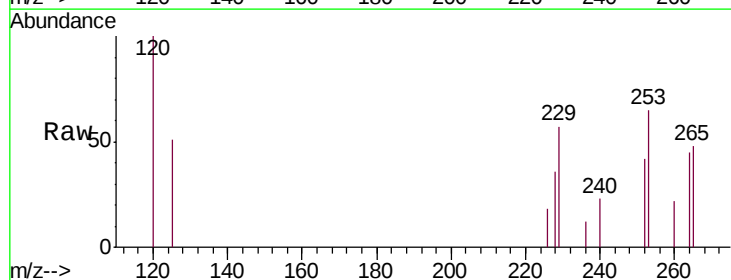
Tgt Ion:252 Resp: 1019

Ion Ratio Lower Upper

252 100

253 154.9 18.2 27.4#

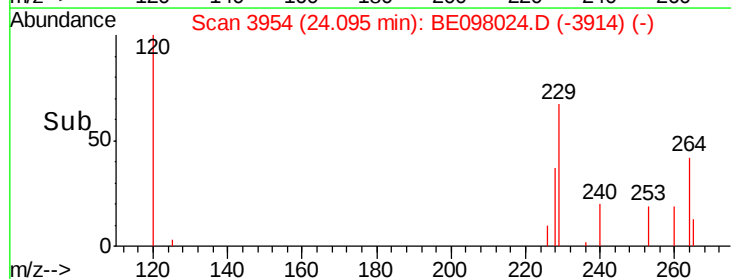
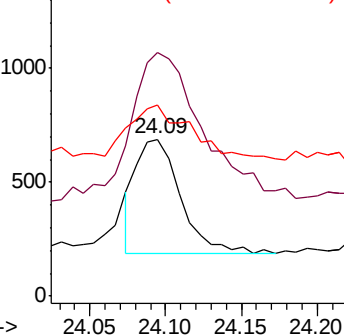
125 121.3 8.3 12.5#

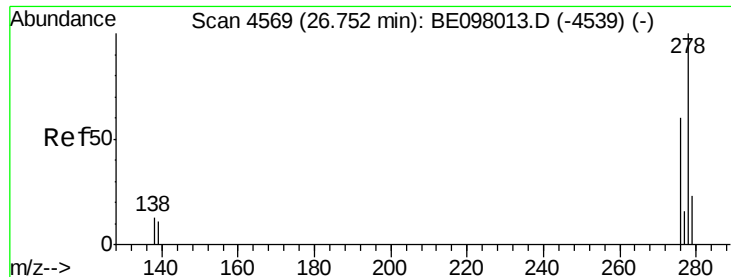


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.023 ng/ul

RT: 27.03 min Scan# 4647

Delta R.T. 0.28 min

Lab File: BE098024.D

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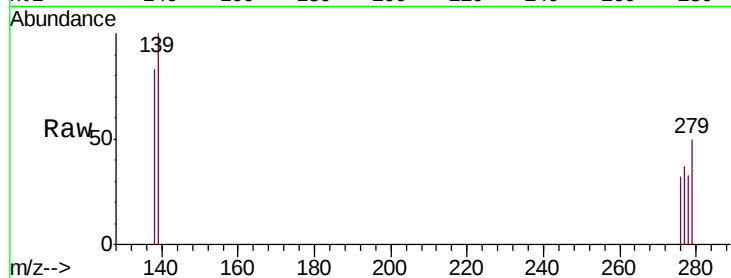
Tgt Ion: 278 Resp: 10

Ion Ratio Lower Upper

278 100

139 302.9 10.9 16.3#

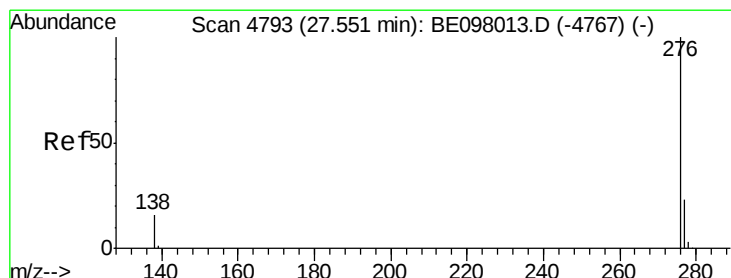
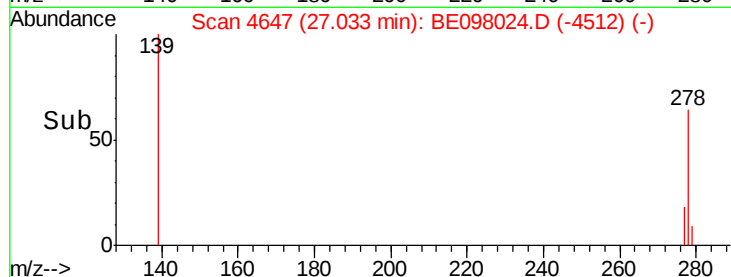
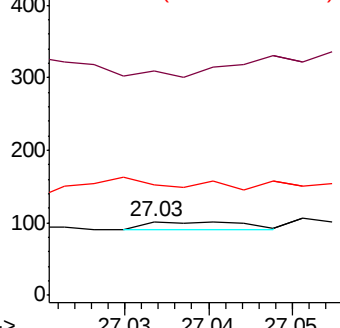
279 150.0 18.8 28.2#



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: 0.200 ng/ul

RT: 27.83 min Scan# 4869

Delta R.T. 0.27 min

Lab File: BE098024.D

Acq: 23 Oct 2018 00:15

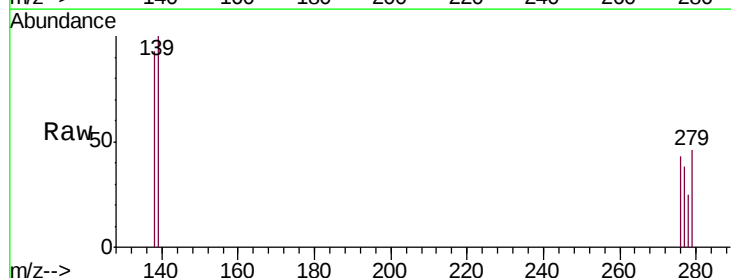
Tgt Ion: 276 Resp: 100

Ion Ratio Lower Upper

276 100

138 218.6 14.3 21.5#

277 88.3 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

