

Data File : BE098131.D
Acq On : 1 Nov 2018 00:29
Operator : SJ/JU
Sample : J5701-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A40G4

Quant Time: Nov 01 02:15:46 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

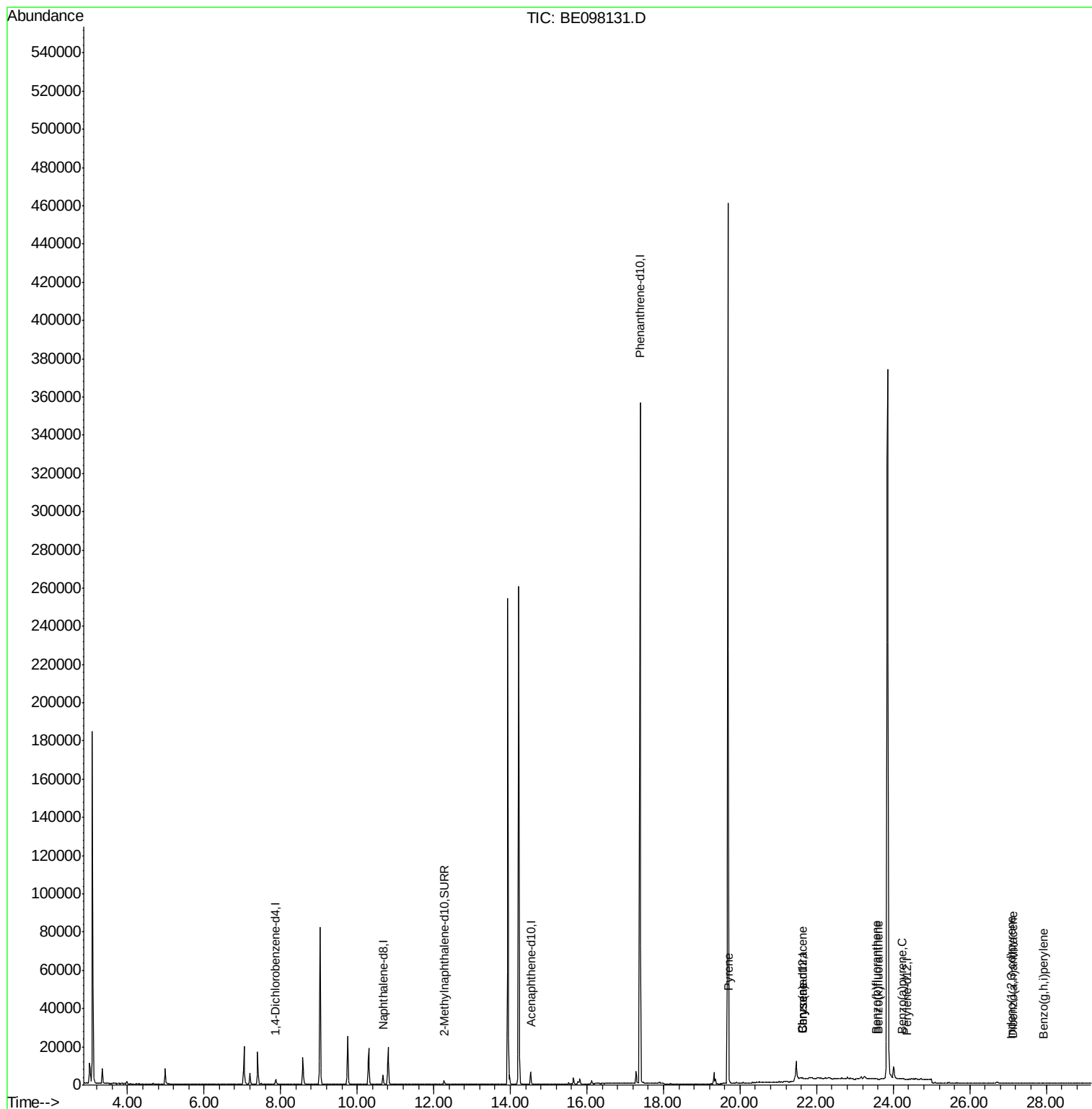
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1095	0.40	ng/ul	0.00
2) Naphthalene-d8	10.67	136	5319	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	3689	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.39	188	438140	0.40	ng/ul	0.10
16) Chrysene-d12	21.62	240	14	0.40	ng/ul	0.16
20) Perylene-d12	24.35	264	11	0.40	ng/ul	0.33
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	2479	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.48	212	26	0.00	ng/ul	0.17
Target Compounds						
					Qvalue	
17) Pyrene	19.71	202	1831	56.013	ng/ul#	83
18) Benzo(a)anthracene	21.64	228	178	4.324	ng/ul#	1
19) Chrysene	21.64	228	178	5.590	ng/ul#	1
21) Benzo(b)fluoranthene	23.56	252	30	0.984	ng/ul#	1
22) Benzo(k)fluoranthene	23.60	252	64	2.145	ng/ul#	1
23) Benzo(a)pyrene	24.24	252	95	3.241	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	27.07	276	22	0.655	ng/ul#	1
25) Dibenzo(a,h)anthracene	27.11	278	34	1.215	ng/ul#	1
26) Benzo(g,h,i)perylene	27.91	276	8	0.283	ng/ul#	1

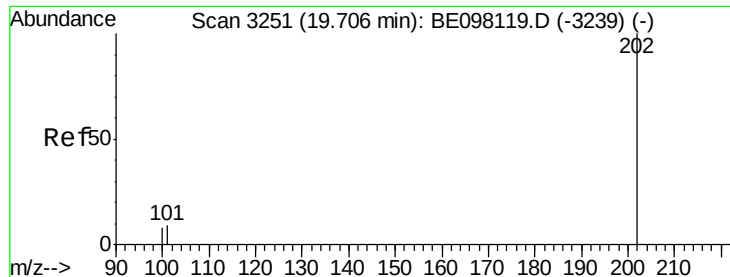
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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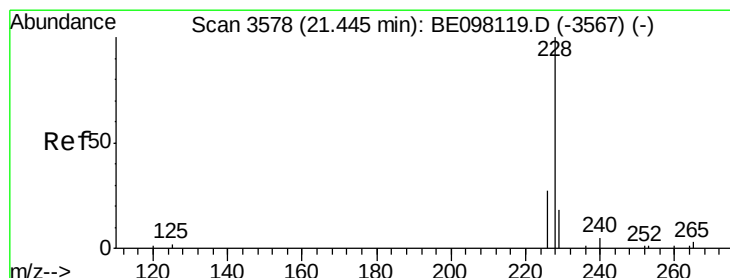
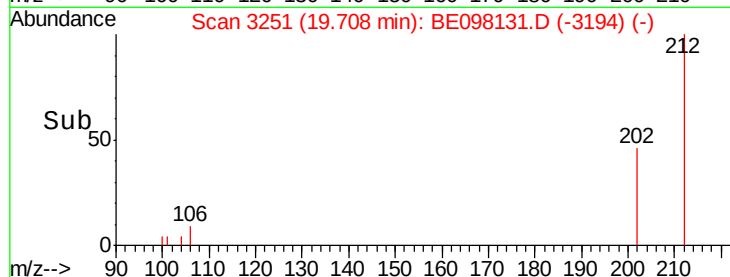
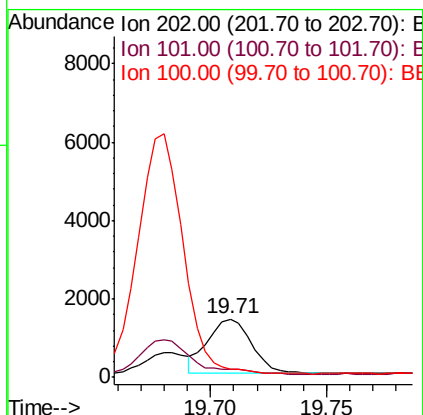
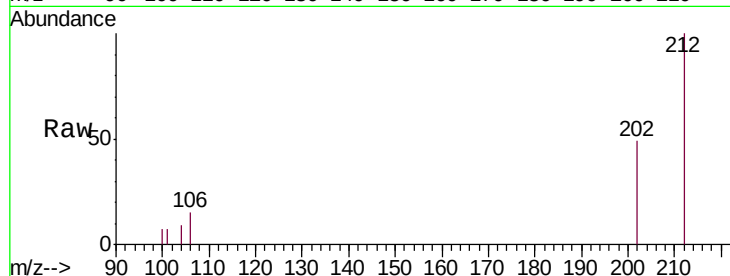




#17
Pyrene
Concen: 56.013 ng/ul
RT: 19.71 min Scan# 3251
Delta R.T. 0.00 min
Lab File: BE098131.D
Acq: 1 Nov 2018 00:29

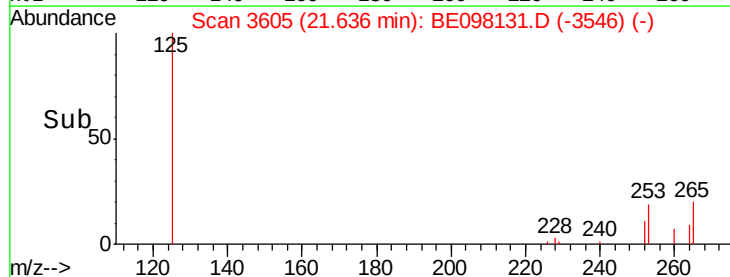
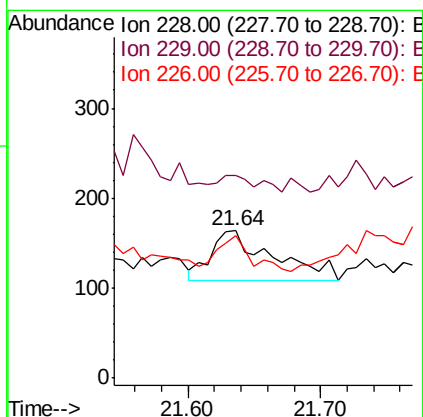
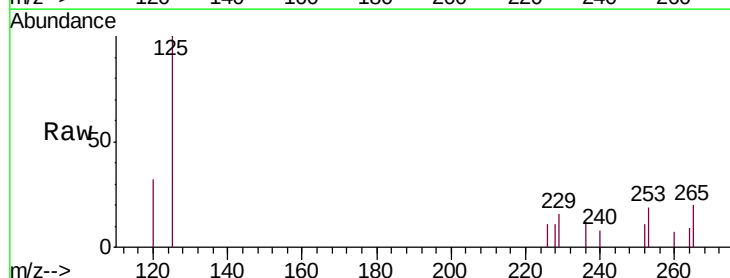
Instrument :
BNA_E
ClientSampleId :
A40G4

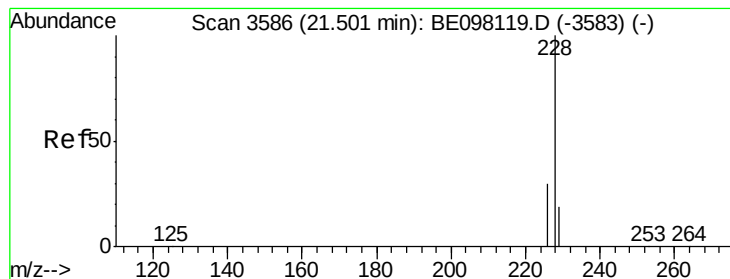
Tgt Ion:202 Resp: 1831
Ion Ratio Lower Upper
202 100
101 13.6 6.9 10.3#
100 14.8 6.0 9.0#



#18
Benzo(a)anthracene
Concen: 4.324 ng/ul
RT: 21.64 min Scan# 3605
Delta R.T. 0.19 min
Lab File: BE098131.D
Acq: 1 Nov 2018 00:29

Tgt Ion:228 Resp: 178
Ion Ratio Lower Upper
228 100
229 137.2 16.1 24.1#
226 96.3 22.2 33.4#





#19

Chrysene

Concen: 5.590 ng/ul

RT: 21.64 min Scan# 3605

Delta R.T. 0.13 min

Lab File: BE098131.D

Acq: 1 Nov 2018 00:29

Instrument :

BNA_E

ClientSampleId :

A40G4

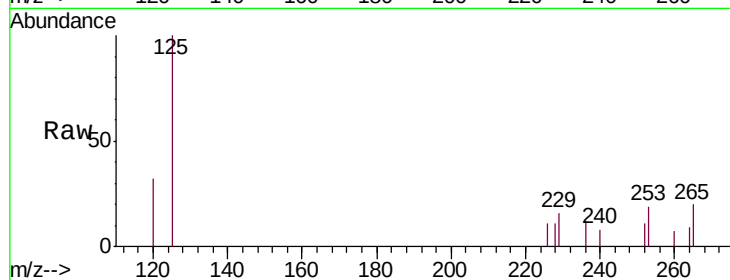
Tgt Ion:228 Resp: 178

Ion Ratio Lower Upper

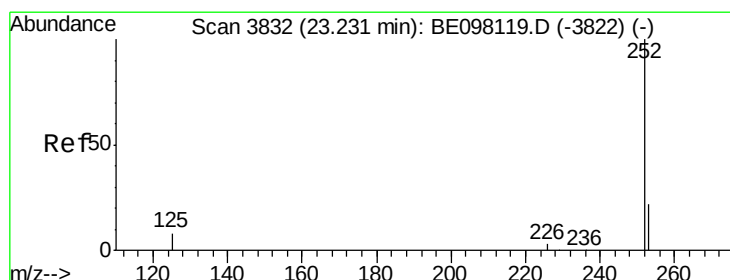
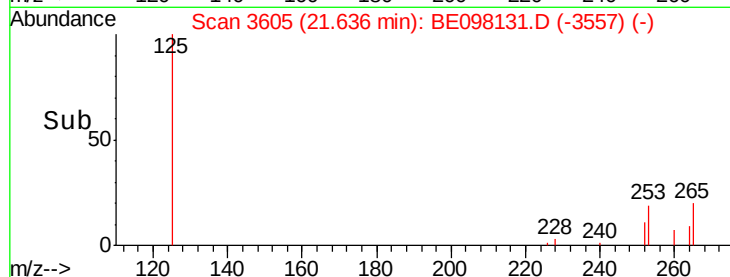
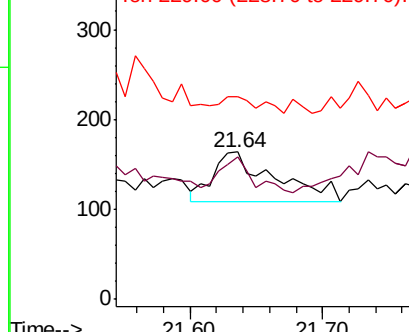
228 100

226 96.3 24.6 37.0#

229 137.2 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: 0.984 ng/ul

RT: 23.56 min Scan# 3879

Delta R.T. 0.33 min

Lab File: BE098131.D

Acq: 1 Nov 2018 00:29

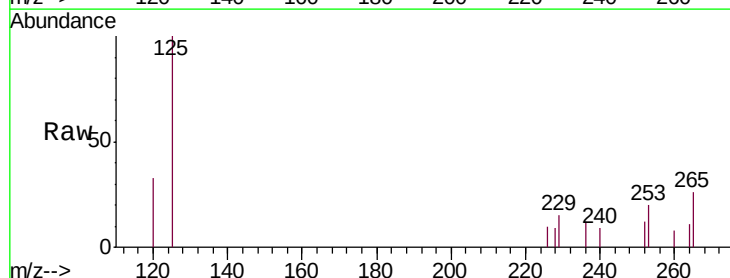
Tgt Ion:252 Resp: 30

Ion Ratio Lower Upper

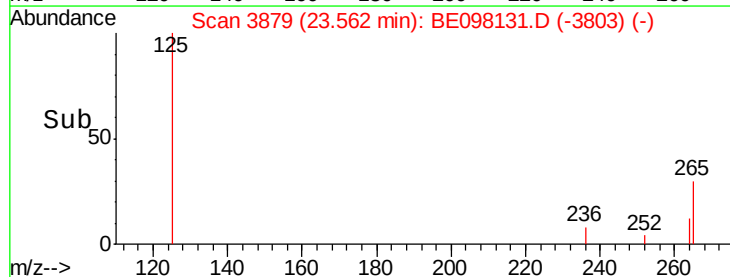
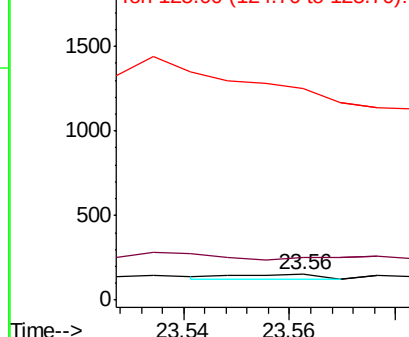
252 100

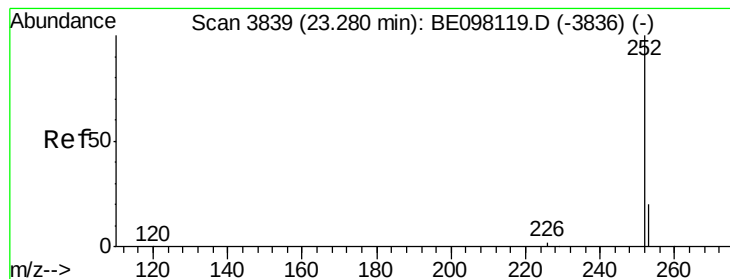
253 165.6 0.0 47.8#

125 826.5 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: 2.145 ng/ul

RT: 23.60 min Scan# 3884

Delta R.T. 0.32 min

Lab File: BE098131.D

Acq: 1 Nov 2018 00:29

Instrument :

BNA_E

ClientSampleId :

A40G4

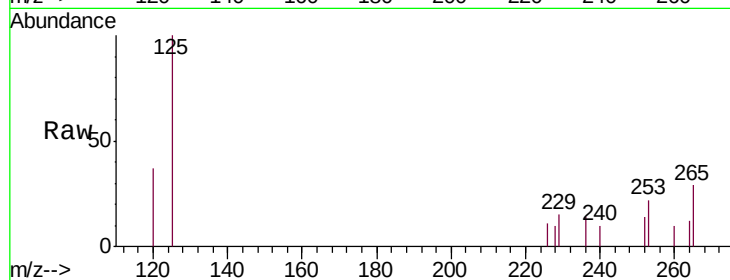
Tgt Ion:252 Resp: 64

Ion Ratio Lower Upper

252 100

253 161.2 19.3 28.9#

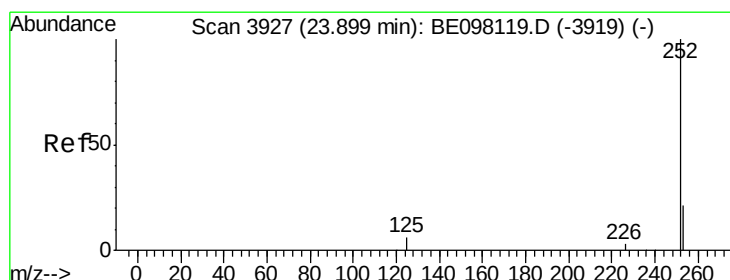
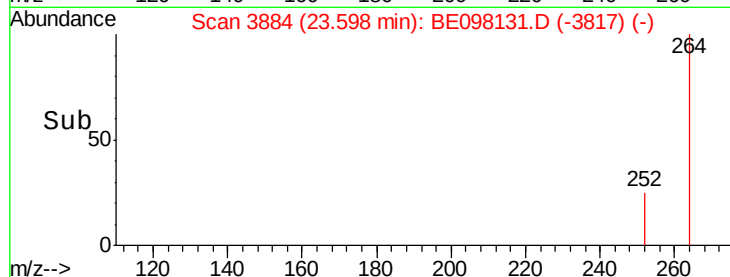
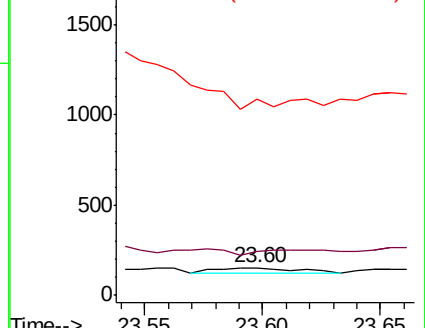
125 716.4 6.2 9.2#



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: 3.241 ng/ul

RT: 24.24 min Scan# 3976

Delta R.T. 0.35 min

Lab File: BE098131.D

Acq: 1 Nov 2018 00:29

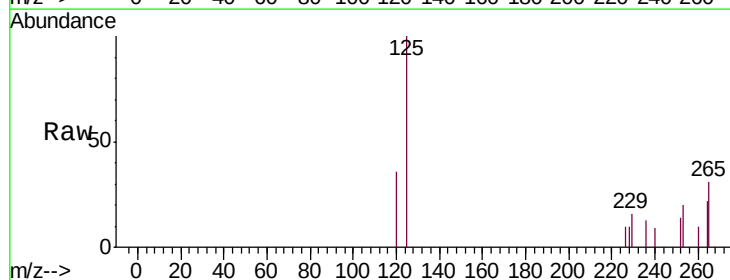
Tgt Ion:252 Resp: 95

Ion Ratio Lower Upper

252 100

253 147.2 19.4 29.2#

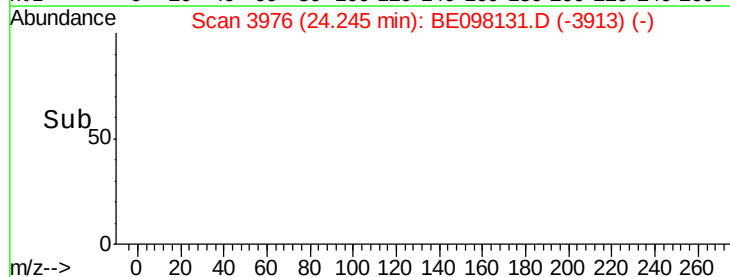
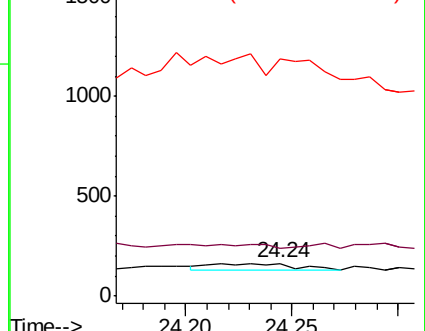
125 730.7 7.8 11.8#

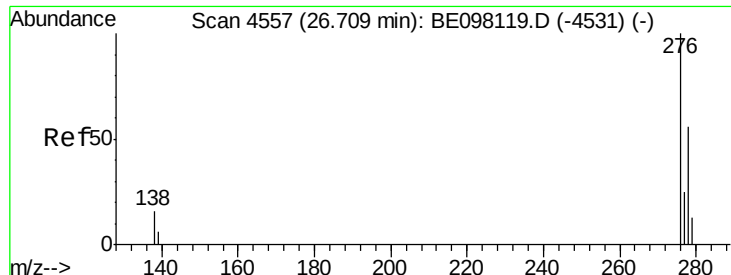


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



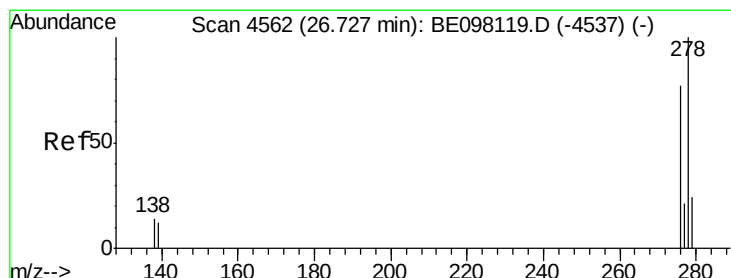
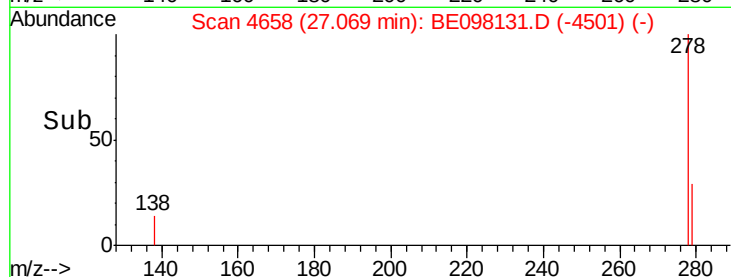
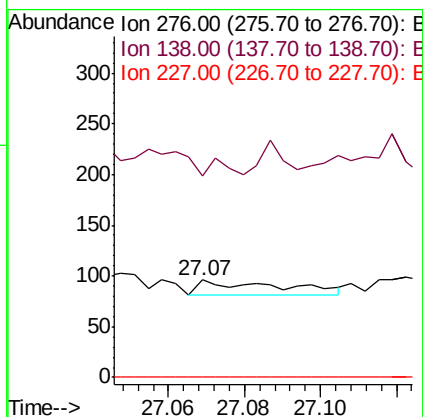
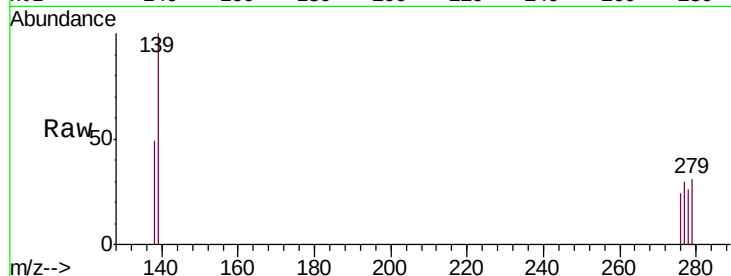


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.655 ng/ul
RT: 27.07 min Scan# 4658
Delta R.T. 0.36 min
Lab File: BE098131.D
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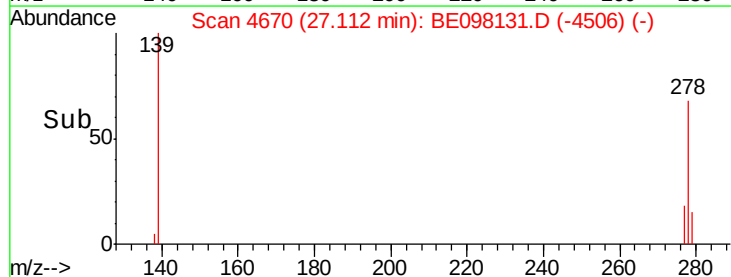
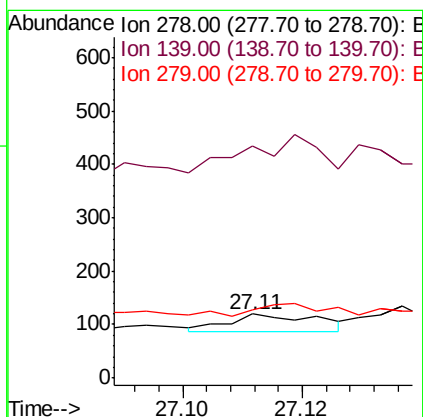
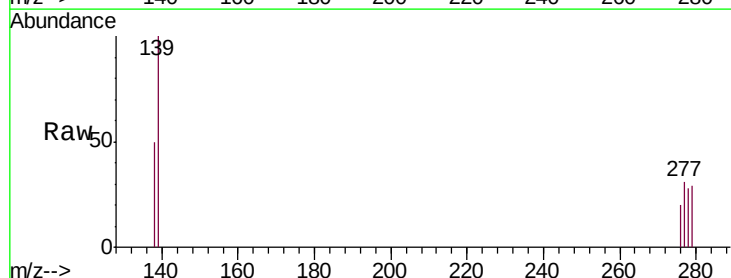
Tgt Ion: 276 Resp: 22
Ion Ratio Lower Upper
276 100
138 90.9 11.8 17.8#
227 0.0 0.0 0.0

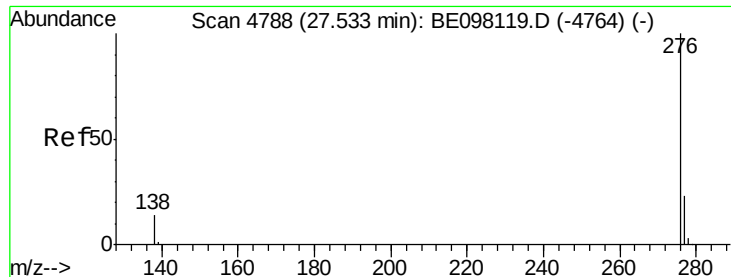


#25

Dibenzo(a,h)anthracene
Concen: 1.215 ng/ul
RT: 27.11 min Scan# 4670
Delta R.T. 0.39 min
Lab File: BE098131.D
Acq: 1 Nov 2018 00:29

Tgt Ion: 278 Resp: 34
Ion Ratio Lower Upper
278 100
139 362.5 10.0 15.0#
279 105.8 20.3 30.5#





#26

Benzo(g,h,i)perylene

Concen: 0.283 ng/ul

RT: 27.91 min Scan# 4895

Delta R.T. 0.38 min

Lab File: BE098131.D

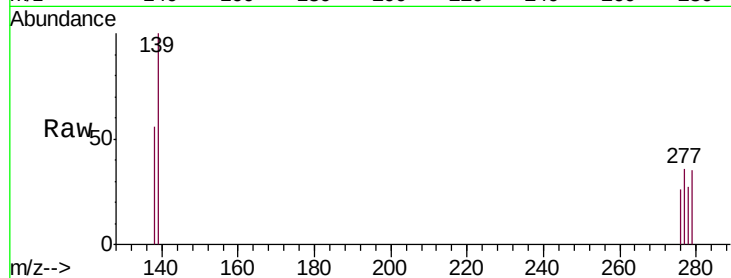
Acq: 1 Nov 2018 00:29

Instrument :

BNA_E

ClientSampleId :

A40G4



Tgt Ion:	276	Resp:	8
Ion	Ratio	Lower	Upper
276	100		
138	215.4	11.6	17.4#
277	136.3	20.8	31.2#

