

Data File : BE098021.D
Acq On : 22 Oct 2018 22:25
Operator : SJ/JU
Sample : J5567-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ7

Quant Time: Oct 23 02:38:33 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	1740	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	8585	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	6015	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	14143	0.40	ng/ul	0.00
16) Chrysene-d12	21.48	240	18997	0.40	ng/ul	0.00
20) Perylene-d12	24.03	264	16147	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	1018	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.33	212	1815	0.04	ng/ul	0.00

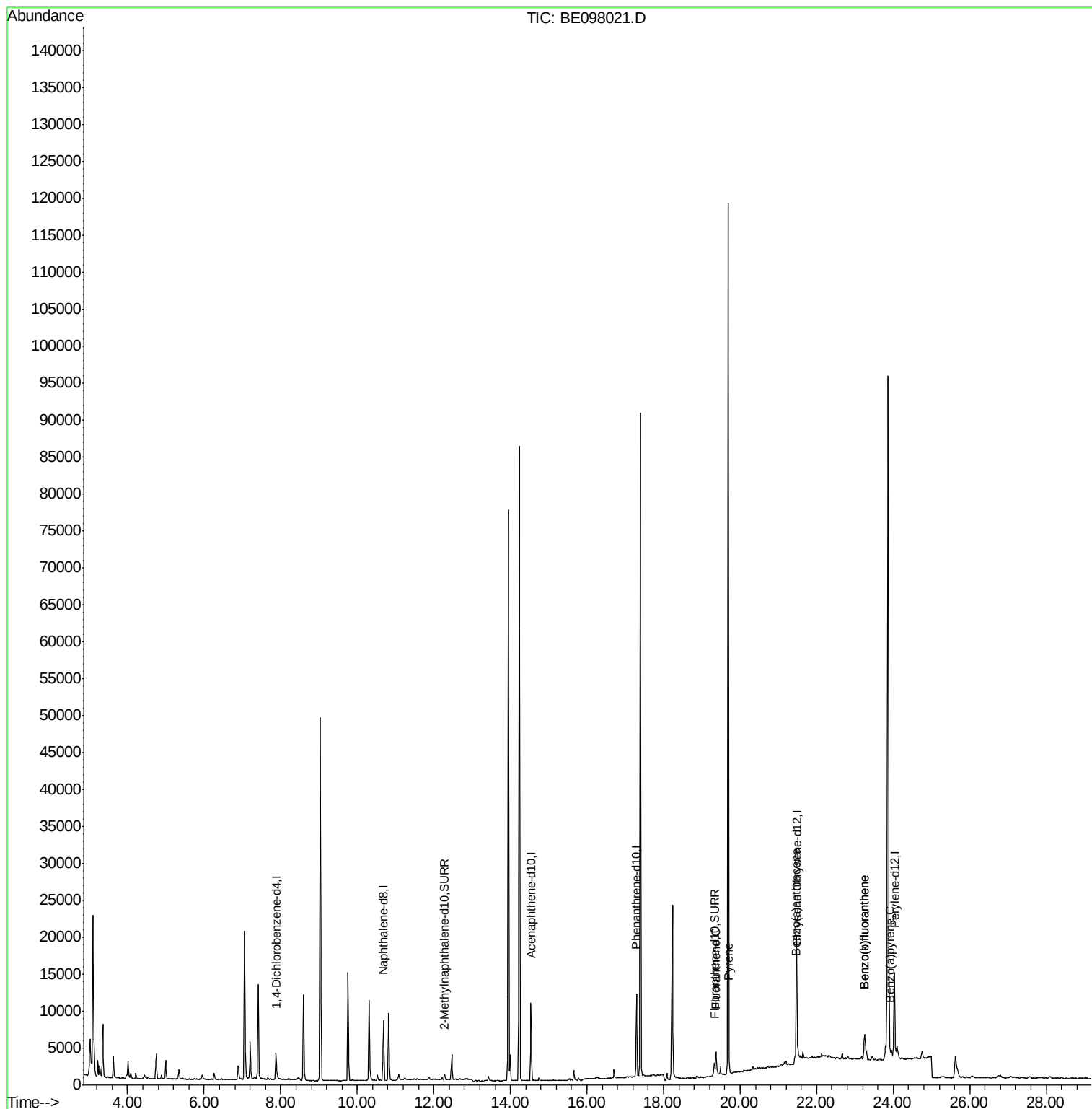
Target Compounds				Qvalue		
15) Fluoranthene	19.36	202	1494	0.034	ng/ul#	1
17) Pyrene	19.72	202	1650	0.035	ng/ul#	31
18) Benzo(a)anthracene	21.46	228	1800	0.034	ng/ul#	63
19) Chrysene	21.49	228	1719	0.034	ng/ul#	61
21) Benzo(b)fluoranthene	23.25	252	7400	0.177	ng/ul#	65
22) Benzo(k)fluoranthene	23.25	252	7400	0.156	ng/ul#	64
23) Benzo(a)pyrene	23.92	252	1405	0.037	ng/ul#	1

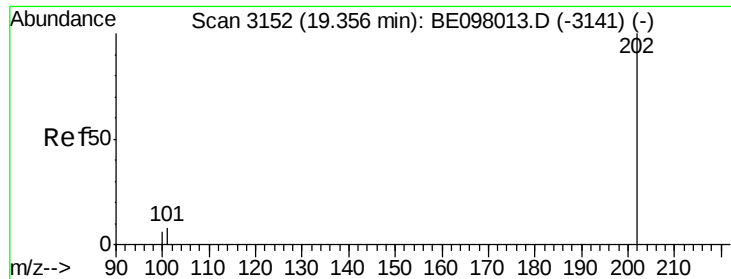
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

Fluoranthene

Concen: 0.034 ng/ul

RT: 19.36 min Scan# 3152

Delta R.T. 0.00 min

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Instrument :

BNA_E

ClientSampleId :

C0AJ7

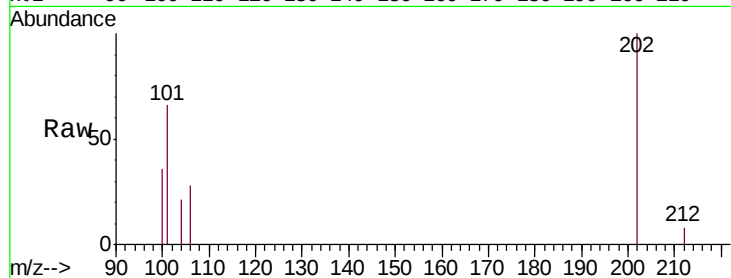
Tgt Ion:202 Resp: 1494

Ion Ratio Lower Upper

202 100

101 66.0 0.0 29.3#

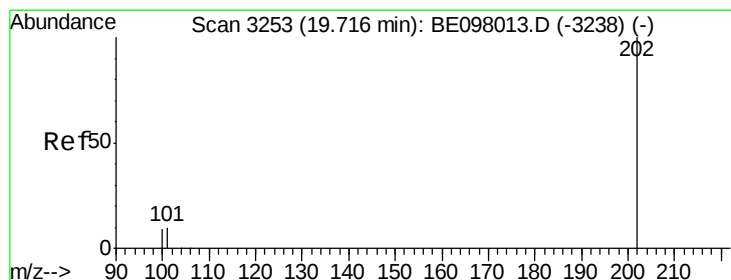
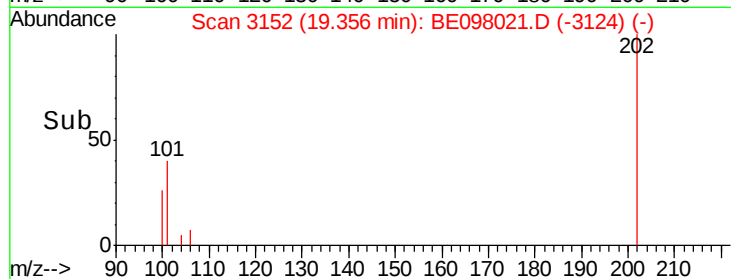
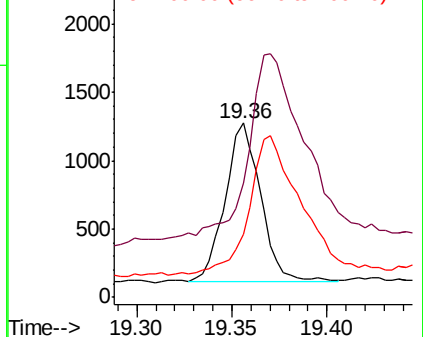
100 36.0 0.0 27.5#



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



#17

Pyrene

Concen: 0.035 ng/ul

RT: 19.72 min Scan# 3253

Delta R.T. 0.00 min

Lab File: BE098021.D

Acq: 22 Oct 2018 22:25

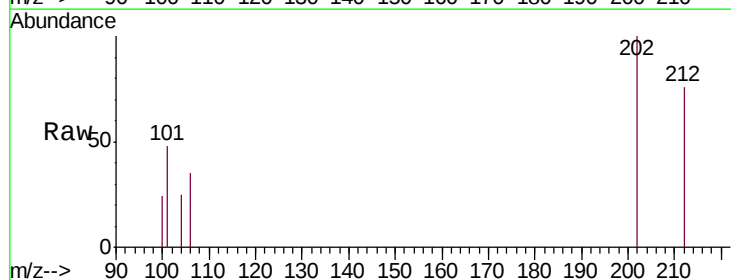
Tgt Ion:202 Resp: 1650

Ion Ratio Lower Upper

202 100

101 47.5 8.8 13.2#

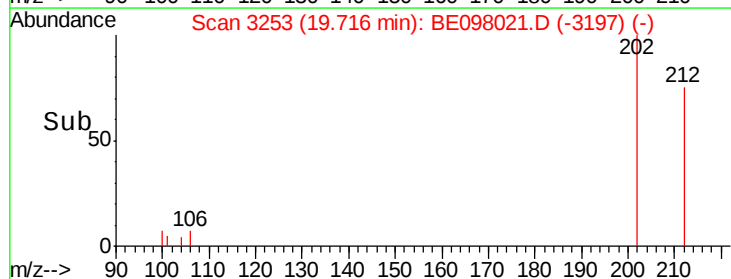
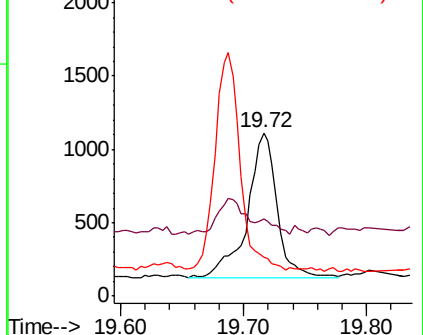
100 23.9 7.9 11.9#

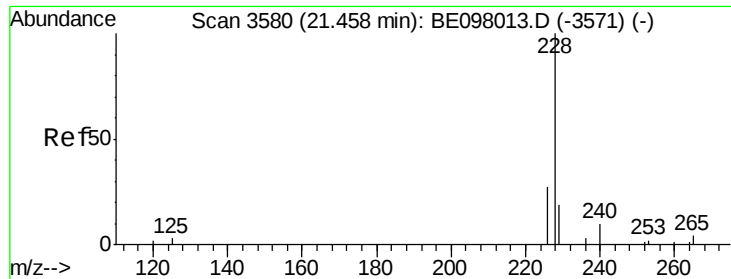


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#18

Benzo(a)anthracene

Concen: 0.034 ng/ul

RT: 21.46 min Scan# 3580

Delta R.T. -0.00 min

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Acq: 22 Oct 2018 22:25

Instrument :

BNA_E

ClientSampleId :

C0AJ7

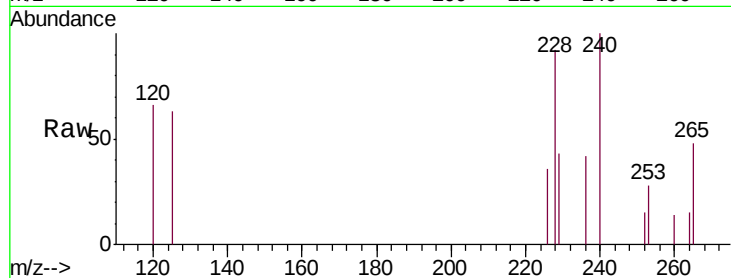
Tgt Ion:228 Resp: 1800

Ion Ratio Lower Upper

228 100

229 46.4 16.4 24.6#

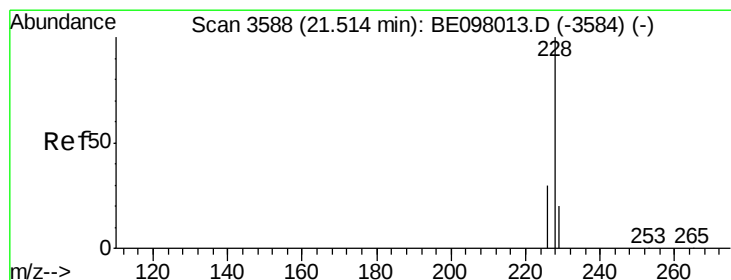
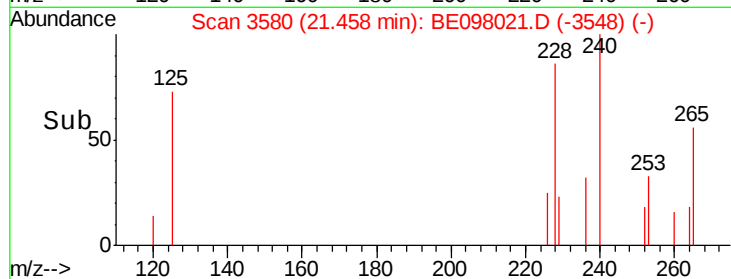
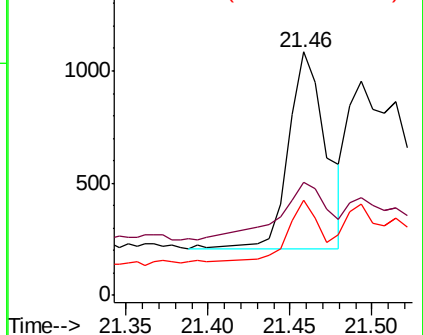
226 38.8 21.5 32.3#



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



#19

Chrysene

Concen: 0.034 ng/ul

RT: 21.49 min Scan# 3585

Delta R.T. -0.02 min

Lab File: BE098021.D

Acq: 22 Oct 2018 22:25

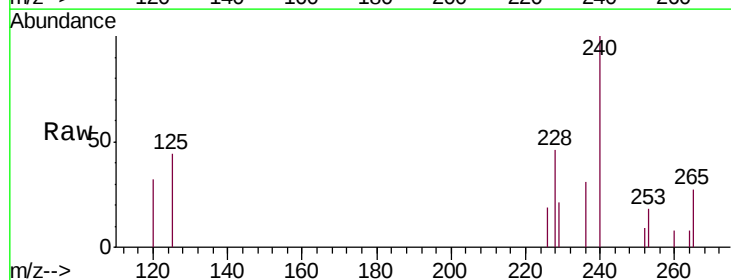
Tgt Ion:228 Resp: 1719

Ion Ratio Lower Upper

228 100

226 42.5 23.0 34.4#

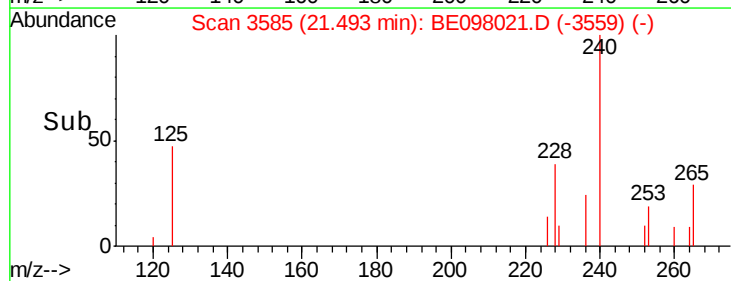
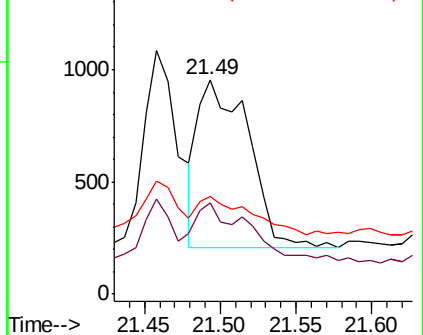
229 45.8 15.5 23.3#

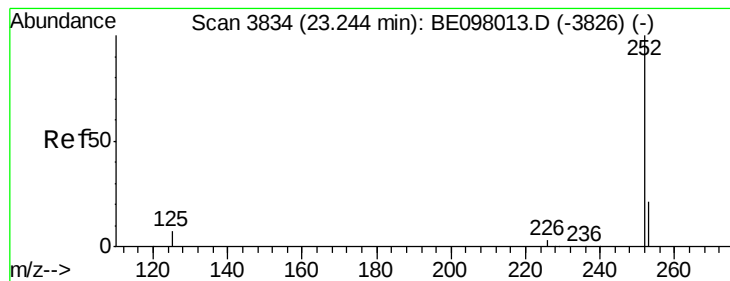


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.177 ng/ul

RT: 23.25 min Scan# 3835

Delta R.T. 0.01 min

Lab File: BE098021.D

Acq: 22 Oct 2018 22:25

Instrument :

BNA_E

ClientSampleId :

C0AJ7

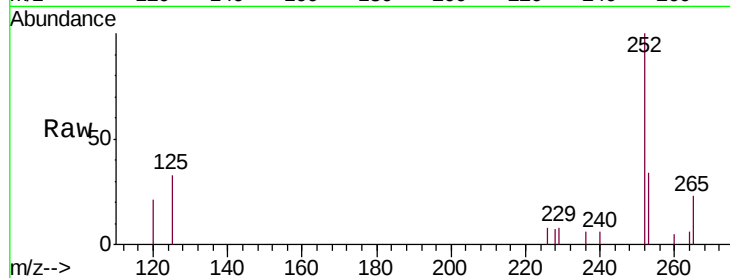
Tgt Ion:252 Resp: 7400

Ion Ratio Lower Upper

252 100

253 34.3 0.0 47.0

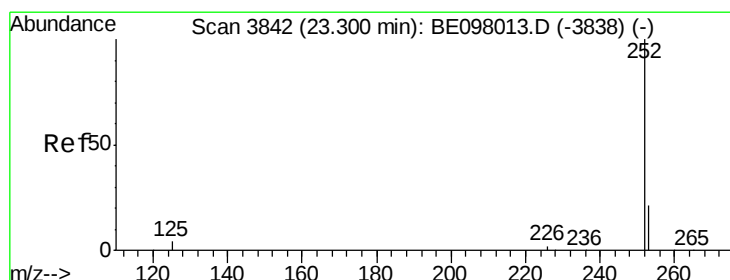
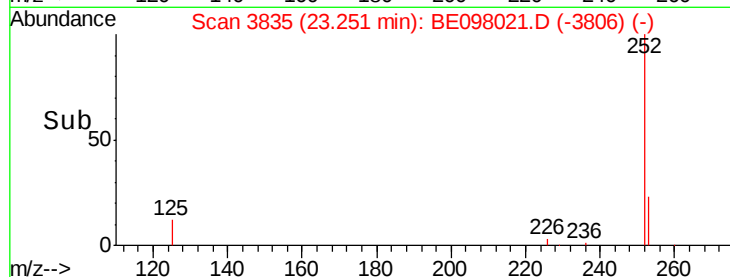
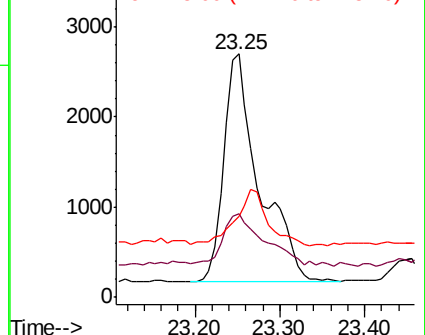
125 33.4 0.0 18.2#



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: 0.156 ng/ul

RT: 23.25 min Scan# 3835

Delta R.T. -0.05 min

Lab File: BE098021.D

Acq: 22 Oct 2018 22:25

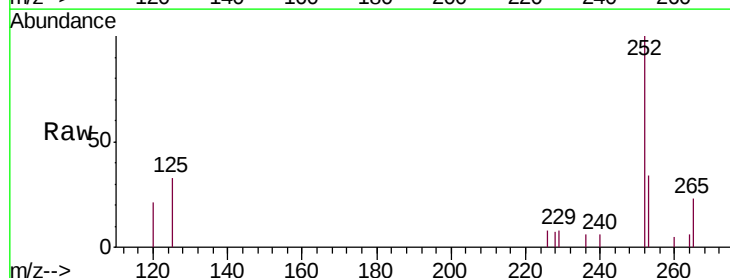
Tgt Ion:252 Resp: 7400

Ion Ratio Lower Upper

252 100

253 34.3 17.8 26.6#

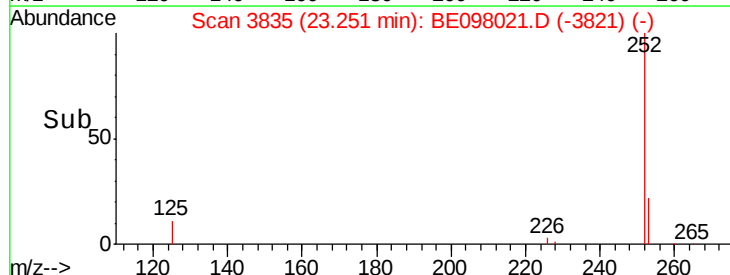
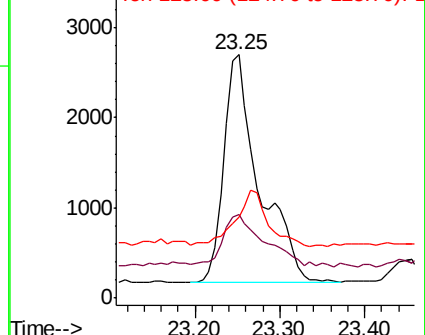
125 33.4 9.4 14.0#

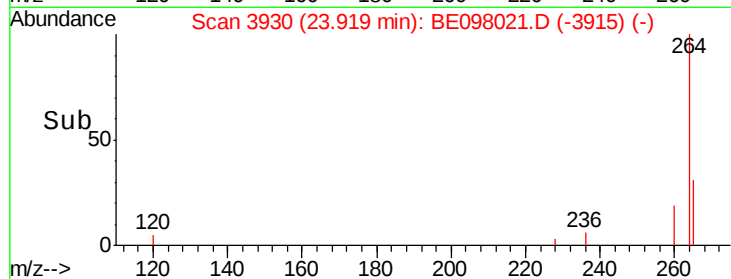
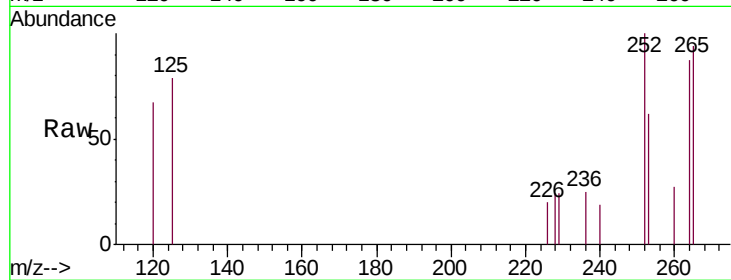
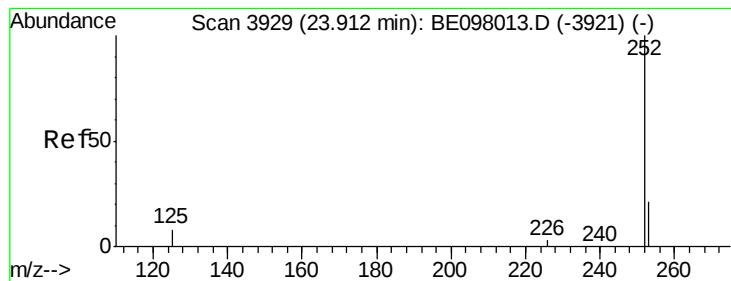


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.037 ng/ul

RT: 23.92 min Scan# 3930

Delta R.T. 0.01 min

Lab File: BE098021.D

Acq: 22 Oct 2018 22:25

Instrument :

BNA_E

ClientSampleId :

C0AJ7

Tgt Ion: 252 Resp: 1405

Ion Ratio Lower Upper

252 100

253 62.1 18.2 27.4#

125 78.7 8.3 12.5#

