

Data File : BE098593.D
Acq On : 29 Dec 2018 2:41
Operator : SJ/JU
Sample : J6489-07DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F9F75DL

Quant Time: Dec 29 04:08:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE122818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 29 02:46:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1019	0.40	ng/ul	0.00
2) Naphthalene-d8	10.61	136	4754	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	3240	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	7586	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	8861	0.40	ng/ul	0.00
20) Perylene-d12	23.93	264	9363	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.21	152	249	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.26	212	856	0.04	ng/ul	0.00

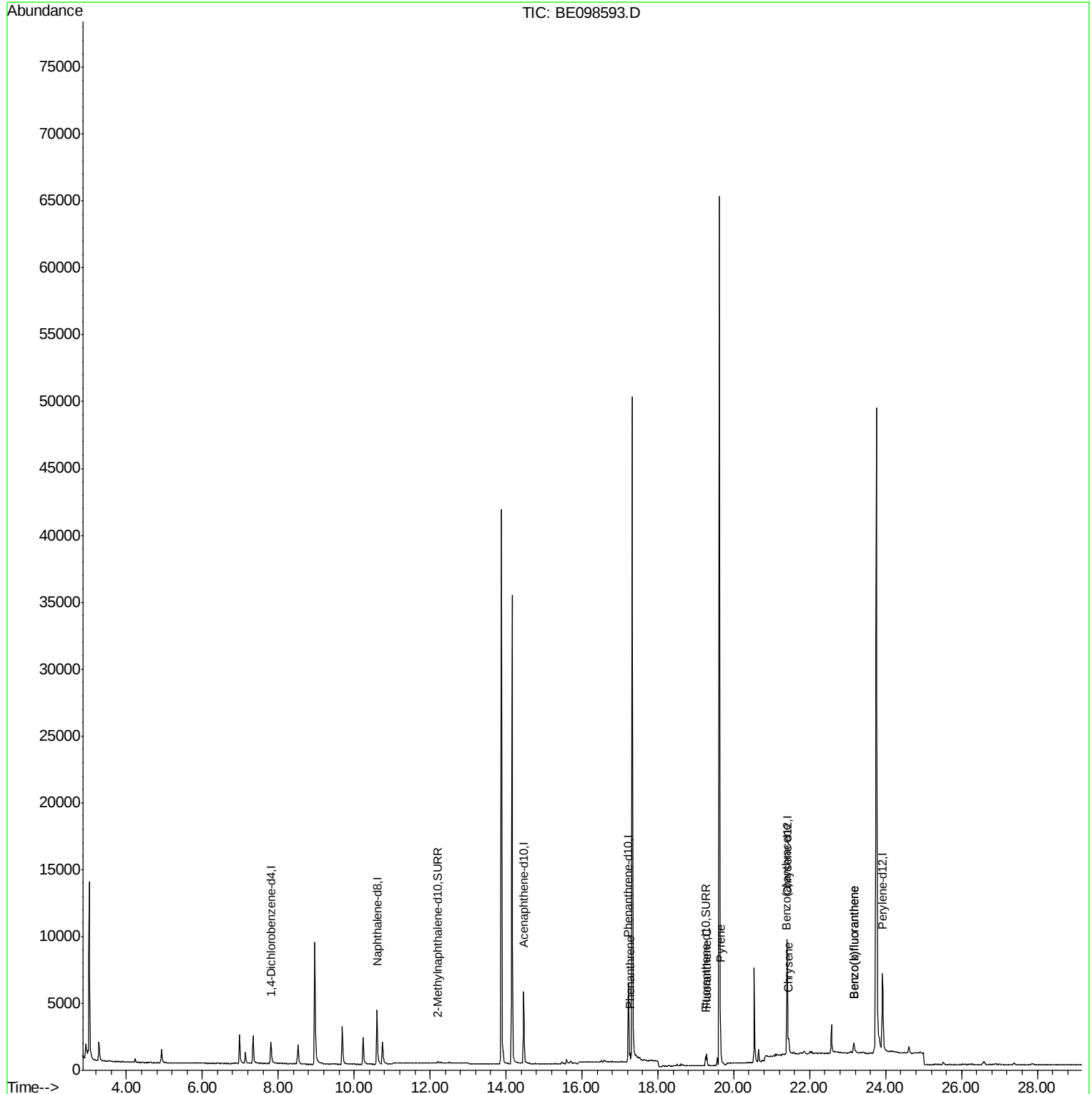
Target Compounds				Qvalue		
12) Phenanthrene	17.27	178	600	0.029	ng/ul#	76
15) Fluoranthene	19.29	202	1180	0.045	ng/ul	83
17) Pyrene	19.65	202	1956	0.069	ng/ul#	87
18) Benzo(a)anthracene	21.39	228	764	0.030	ng/ul#	71
19) Chrysene	21.44	228	1277	0.040	ng/ul#	86
21) Benzo(b)fluoranthene	23.16	252	1080	0.038	ng/ul#	1
22) Benzo(k)fluoranthene	23.16	252	1075	0.034	ng/ul#	1

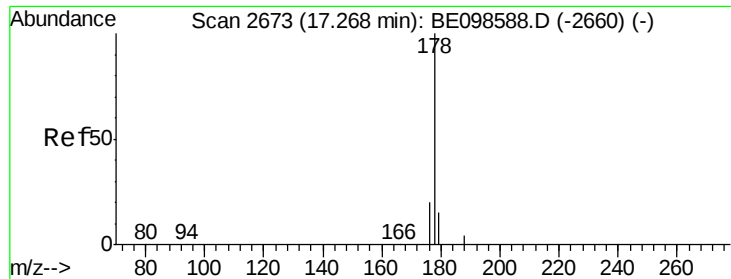
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

Phenanthrene

Concen: 0.029 ng/ul

RT: 17.27 min Scan# 2673

Delta R.T. 0.00 min

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Instrument :

BNA_E

ClientSampleId :

F9F75DL

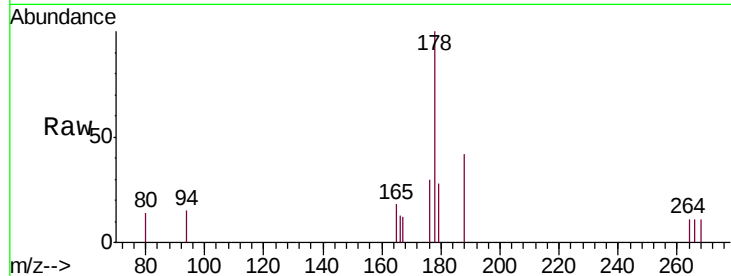
Tgt Ion:178 Resp: 600

Ion Ratio Lower Upper

178 100

179 27.7 13.0 19.4#

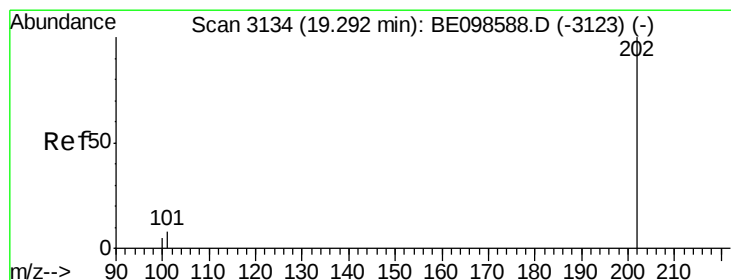
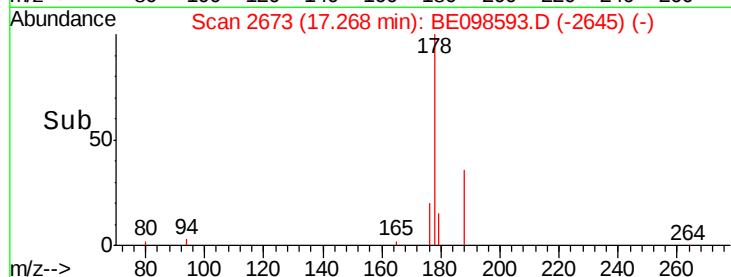
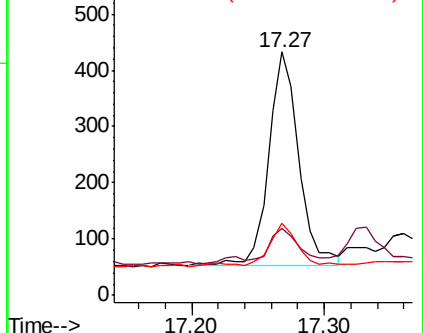
176 29.6 15.7 23.5#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.045 ng/ul

RT: 19.29 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BE098593.D

Acq: 29 Dec 2018 2:41

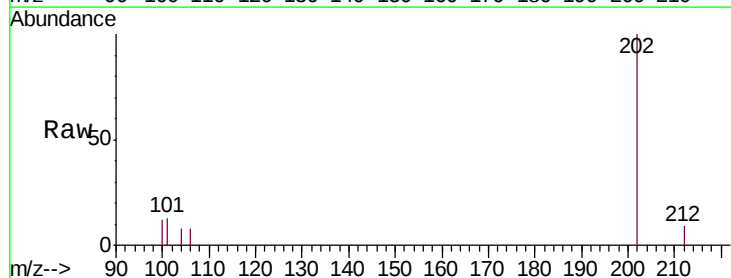
Tgt Ion:202 Resp: 1180

Ion Ratio Lower Upper

202 100

101 13.1 0.0 27.5

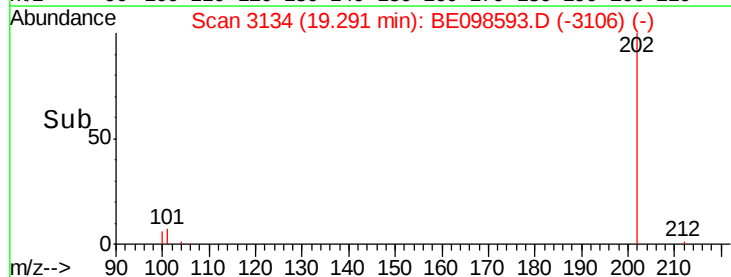
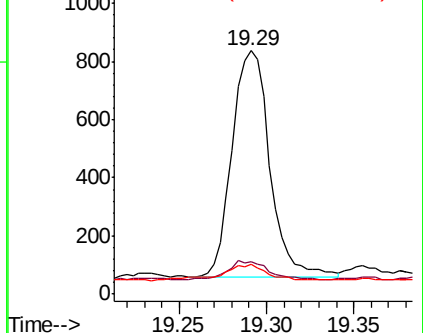
100 12.1 0.0 26.0

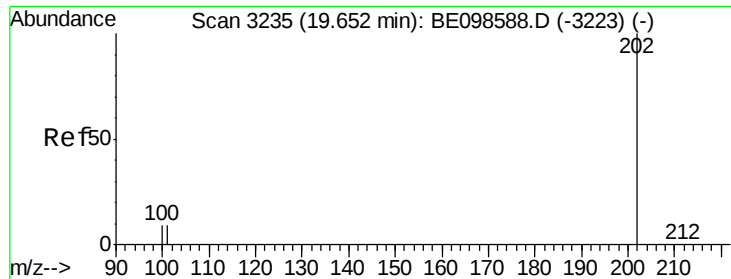


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BE





#17

Pyrene

Concen: 0.069 ng/ul

RT: 19.65 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BE098593.D

Acq: 29 Dec 2018 2:41

Instrument :

BNA_E

ClientSampleId :

F9F75DL

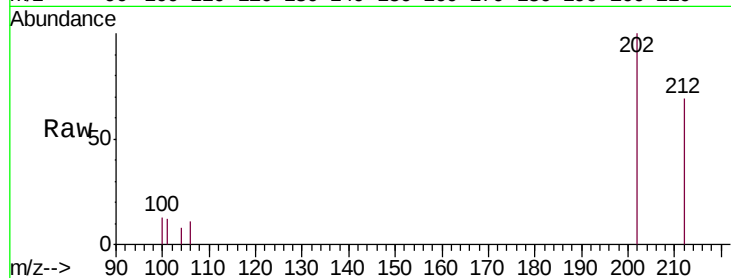
Tgt Ion:202 Resp: 1956

Ion Ratio Lower Upper

202 100

101 12.3 6.9 10.3#

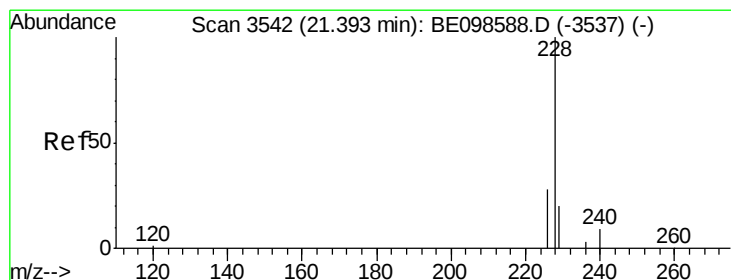
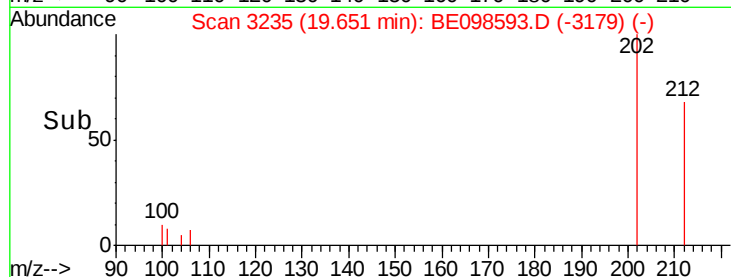
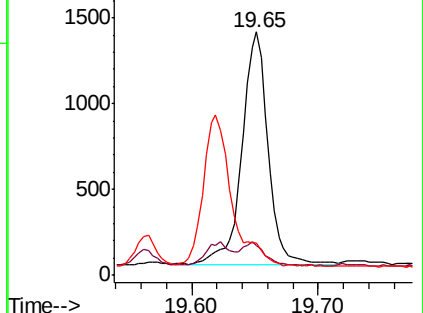
100 13.3 6.0 9.0#



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): BE



#18

Benzo(a)anthracene

Concen: 0.030 ng/ul

RT: 21.39 min Scan# 3543

Delta R.T. 0.00 min

Lab File: BE098593.D

Acq: 29 Dec 2018 2:41

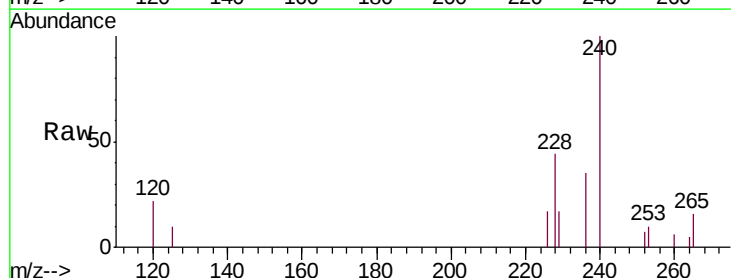
Tgt Ion:228 Resp: 764

Ion Ratio Lower Upper

228 100

229 38.0 16.1 24.1#

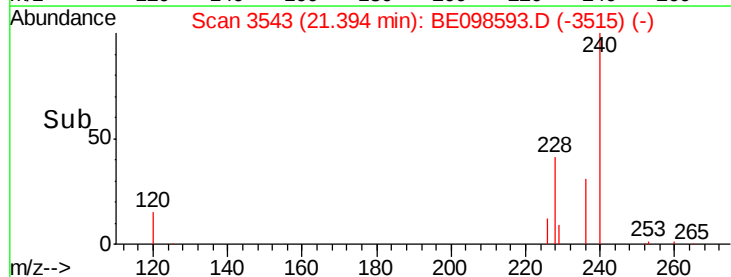
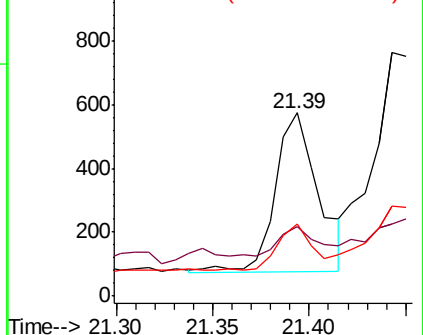
226 39.1 22.2 33.4#

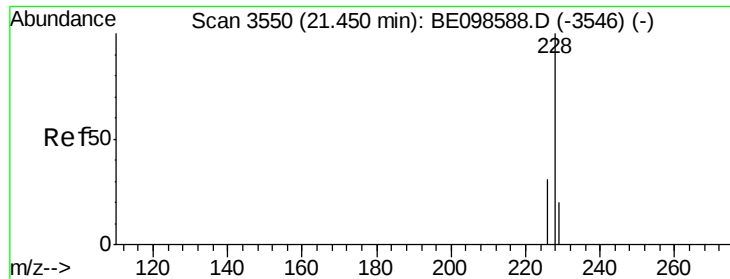


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.040 ng/ul

RT: 21.44 min Scan# 3550

Delta R.T. -0.01 min

Lab File: BE098593.D

Acq: 29 Dec 2018 2:41

Instrument :

BNA_E

ClientSampleId :

F9F75DL

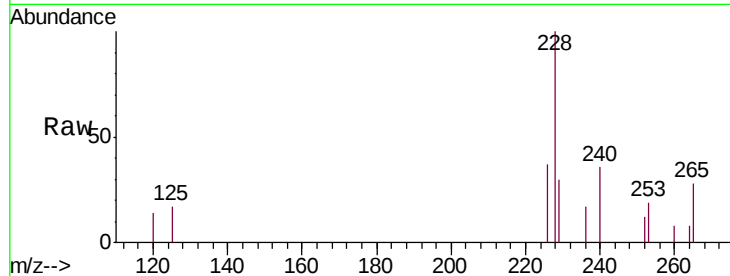
Tgt Ion:228 Resp: 1277

Ion Ratio Lower Upper

228 100

226 36.7 24.6 37.0

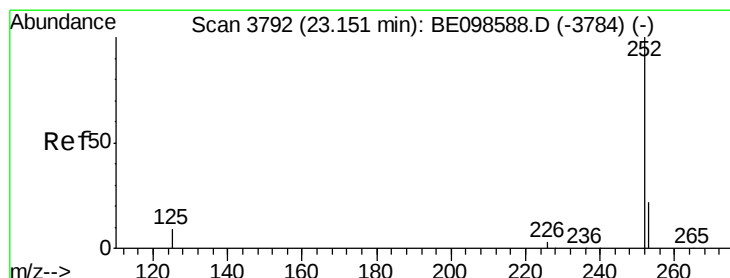
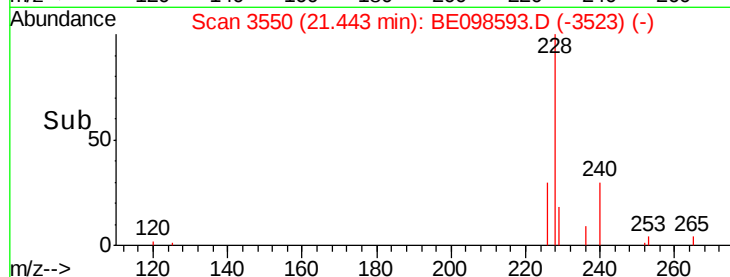
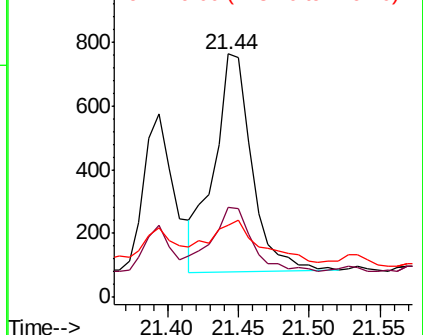
229 29.6 16.4 24.6#



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: 0.038 ng/ul

RT: 23.16 min Scan# 3794

Delta R.T. 0.01 min

Lab File: BE098593.D

Acq: 29 Dec 2018 2:41

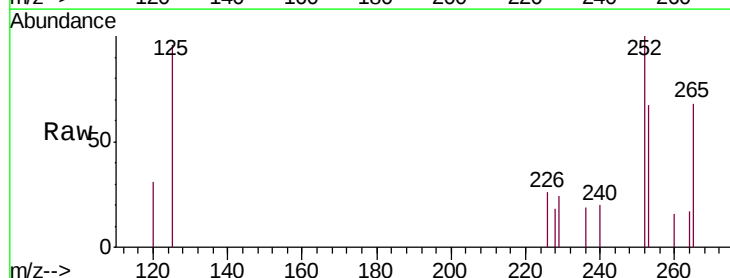
Tgt Ion:252 Resp: 1080

Ion Ratio Lower Upper

252 100

253 67.0 0.0 47.8#

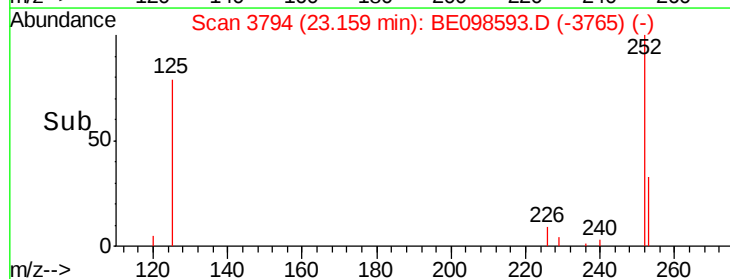
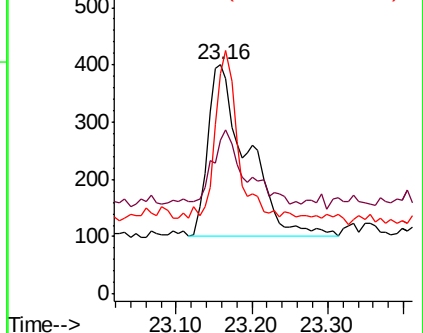
125 96.3 0.0 16.8#

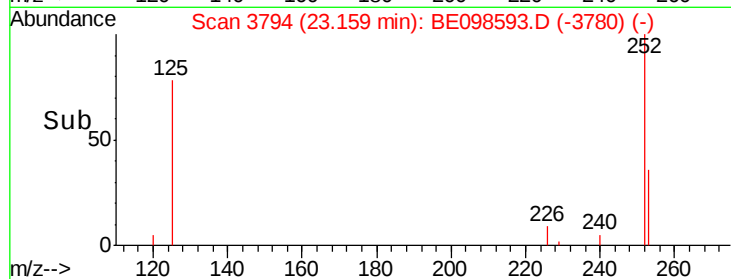
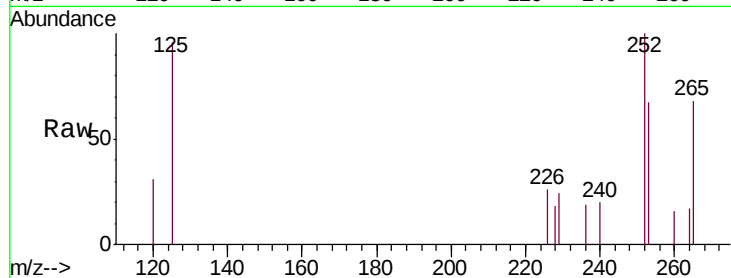
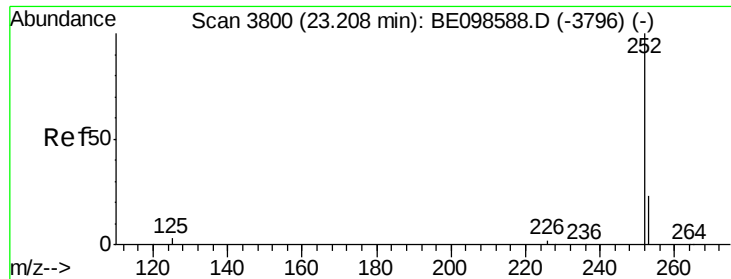


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.034 ng/ul

RT: 23.16 min Scan# 3794

Delta R.T. -0.05 min

Lab File: BE098593.D

Acq: 29 Dec 2018 2:41

Instrument :

BNA_E

ClientSampleId :

F9F75DL

Tgt Ion: 252 Resp: 1075

Ion Ratio Lower Upper

252 100

253 67.0 19.3 28.9#

125 96.3 6.2 9.2#

