

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102218\
 Data File : BE098018.D
 Acq On : 22 Oct 2018 20:34
 Operator : SJ/JU
 Sample : J5567-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AJ0

Manual Integrations
 APPROVED

Sohil
 10/23/2018 5:34:38 PM

Quant Time: Oct 23 03:05:25 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	1625	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	8070	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	5865	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	13335m	0.40	ng/ul	0.00
16) Chrysene-d12	21.48	240	14435m	0.40	ng/ul	0.00
20) Perylene-d12	24.03	264	13974m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3917	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	11173m	0.26	ng/ul	0.00
Target Compounds				Qvalue		
12) Phenanthrene	17.34	178	1400m	0.044	ng/ul	
15) Fluoranthene	19.36	202	2915m	0.069	ng/ul	
17) Pyrene	19.72	202	1787m	0.050	ng/ul	
18) Benzo(a)anthracene	21.46	228	2350m	0.059	ng/ul	
19) Chrysene	21.51	228	1704m	0.044	ng/ul	
21) Benzo(b)fluoranthene	23.24	252	4642m	0.129	ng/ul	
22) Benzo(k)fluoranthene	23.28	252	1111m	0.027	ng/ul	
23) Benzo(a)pyrene	23.92	252	1327m	0.040	ng/ul	

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

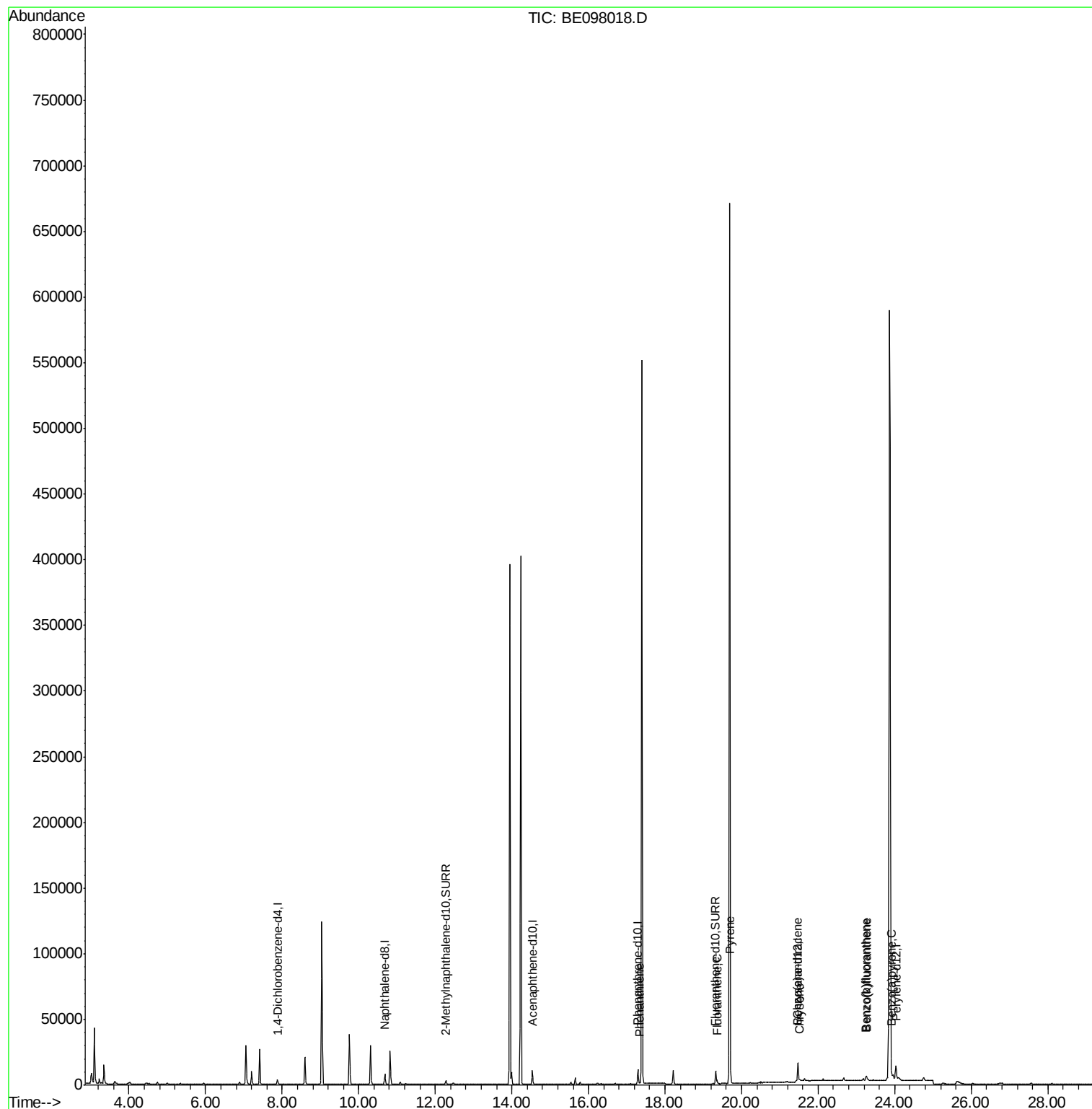
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102218\
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Operator : SJ/JU
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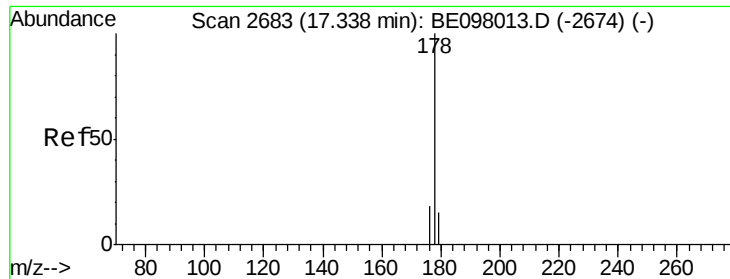
Instrument :
BNA_E
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QLast Update : Tue Oct 23 02:34:53 2018
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#12

Phenanthrene

Concen: 0.044 ng/ul m

RT: 17.34 min Scan# 2683

Delta R.T. 0.00 min

Lab File: BE098018.D

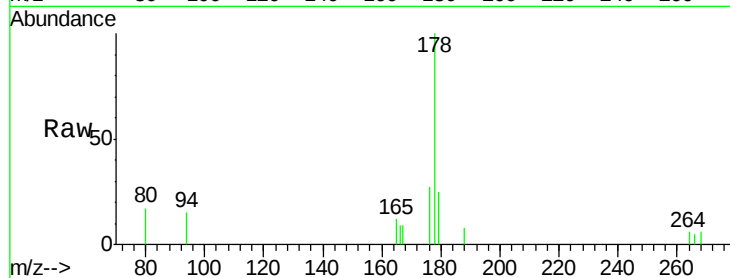
Acq: 22 Oct 2018 20:34

Instrument :

BNA_E

ClientSampleId :

C0AJ0



Tgt Ion:178 Resp: 1400

Ion Ratio Lower Upper

178 100

179 24.9 12.8 19.2#

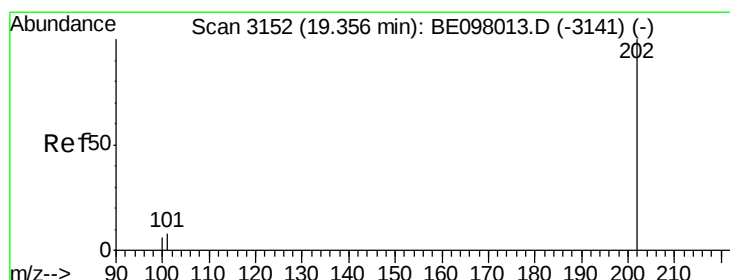
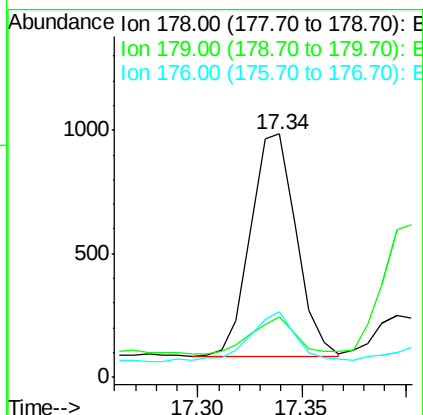
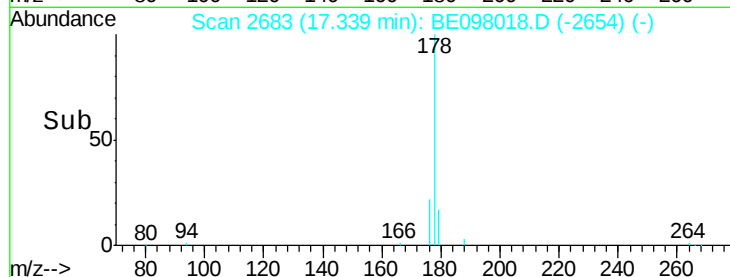
176 26.9 14.9 22.3#

Manual Integrations

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#15

Fluoranthene

Concen: 0.069 ng/ul m

RT: 19.36 min Scan# 3151

Delta R.T. 0.00 min

Lab File: BE098018.D

Acq: 22 Oct 2018 20:34

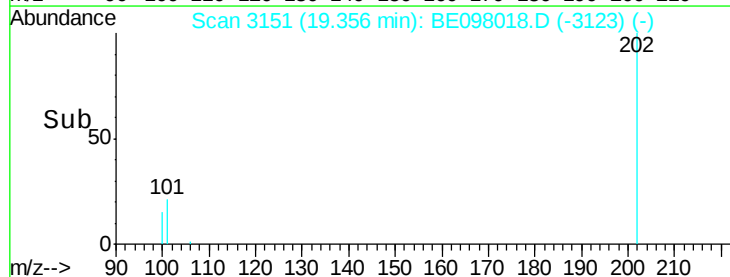
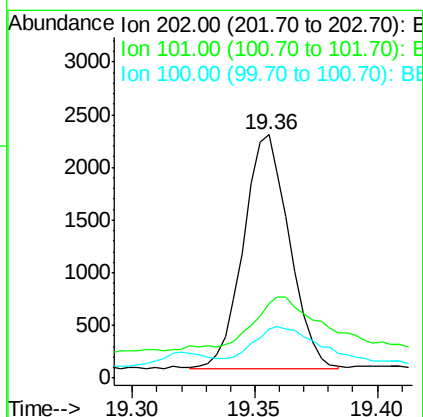
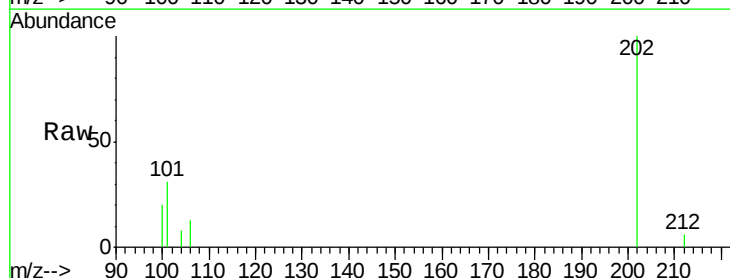
Tgt Ion:202 Resp: 2915

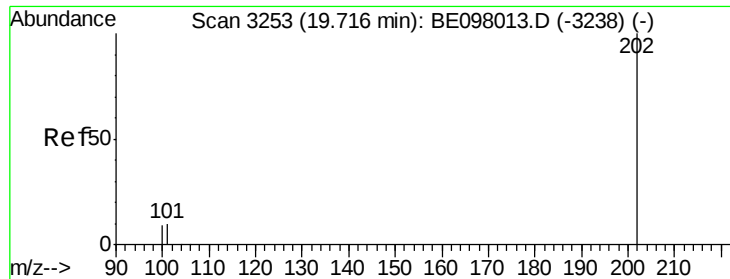
Ion Ratio Lower Upper

202 100

101 30.8 0.0 29.3#

100 19.9 0.0 27.5





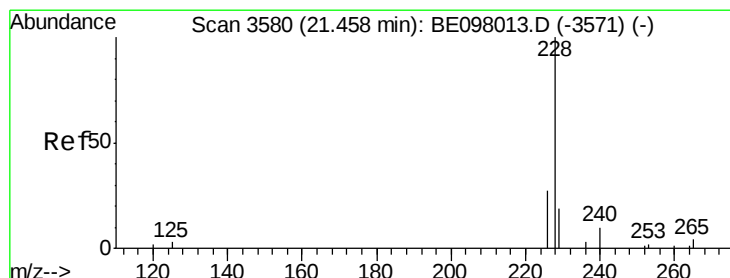
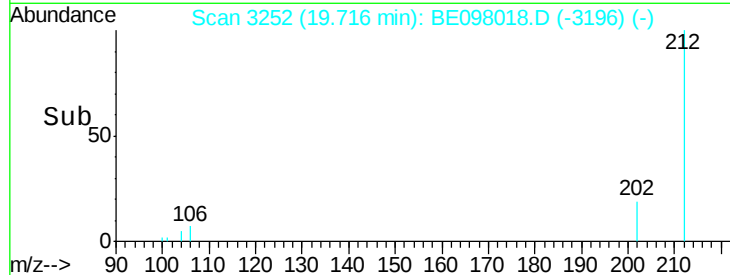
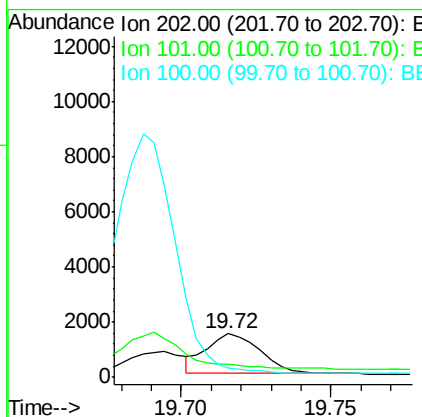
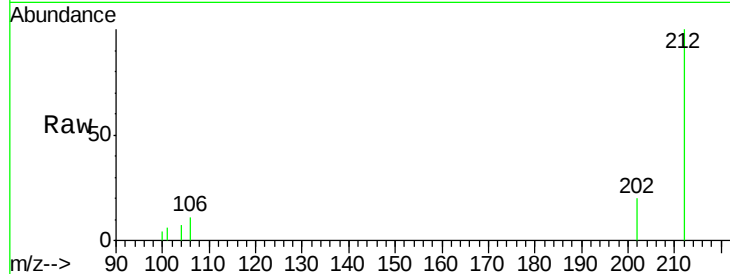
#17
Pyrene
Concen: 0.050 ng/ul m
RT: 19.72 min Scan# 3252
Delta R.T. 0.00 min
Lab File: BE098018.D
Acq: 22 Oct 2018 20:34

Instrument :
BNA_E
ClientSampled :
C0AJ0

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1787		
101	29.1	8.8	13.2#	
100	21.4	7.9	11.9#	

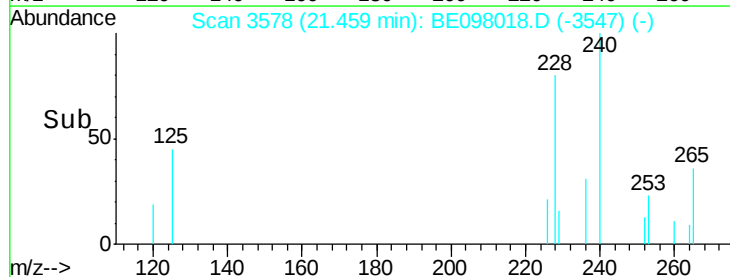
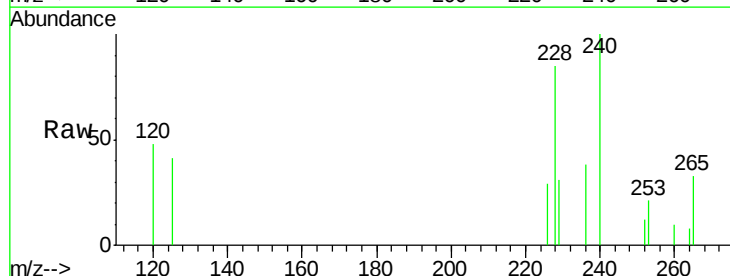
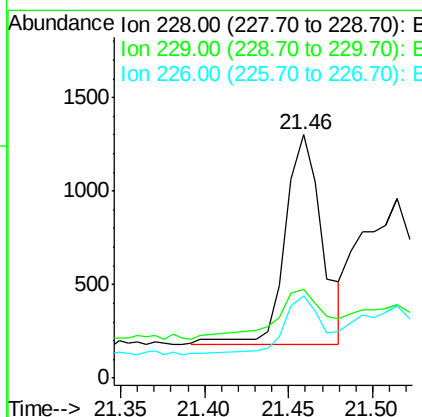
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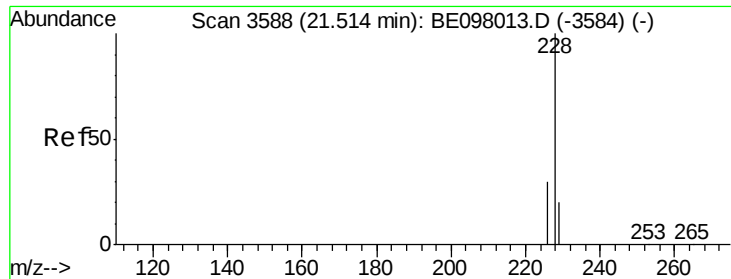
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#18
Benzo(a)anthracene
Concen: 0.059 ng/ul m
RT: 21.46 min Scan# 3578
Delta R.T. 0.00 min
Lab File: BE098018.D
Acq: 22 Oct 2018 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	2350		
229	36.6	16.4	24.6#	
226	34.0	21.5	32.3#	





#19

Chrysene

Concen: 0.044 ng/ul m

RT: 21.51 min Scan# 3586

Delta R.T. 0.00 min

Lab File: BE098018.D

Acq: 22 Oct 2018 20:34

Instrument :

BNA_E

ClientSampled :

C0AJ0

Tgt Ion:228 Resp: 1704

Ion Ratio Lower Upper

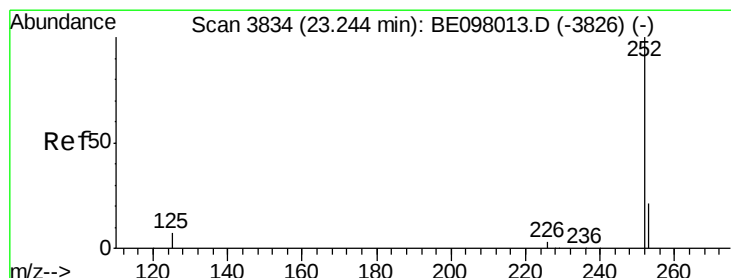
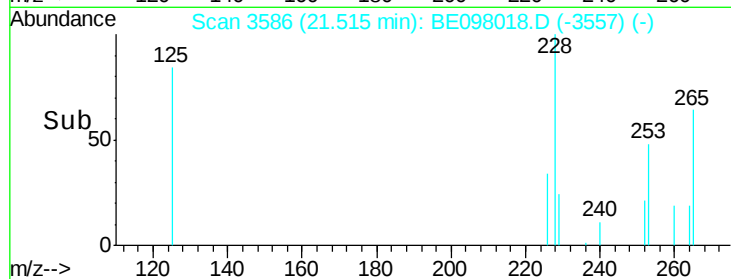
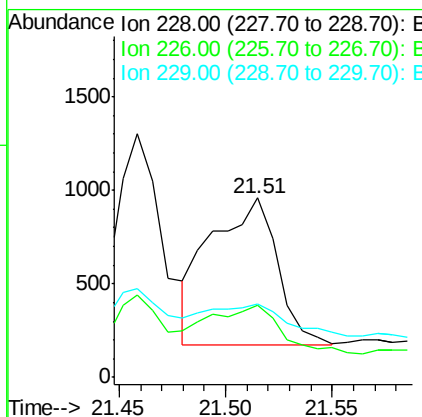
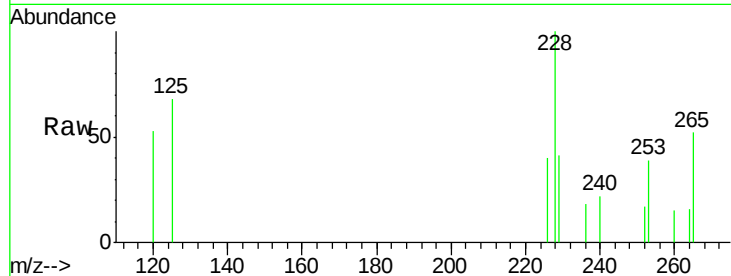
228 100

226 40.5 23.0 34.4#

229 41.2 15.5 23.3#

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#21

Benzo(b)fluoranthene

Concen: 0.129 ng/ul m

RT: 23.24 min Scan# 3832

Delta R.T. 0.00 min

Lab File: BE098018.D

Acq: 22 Oct 2018 20:34

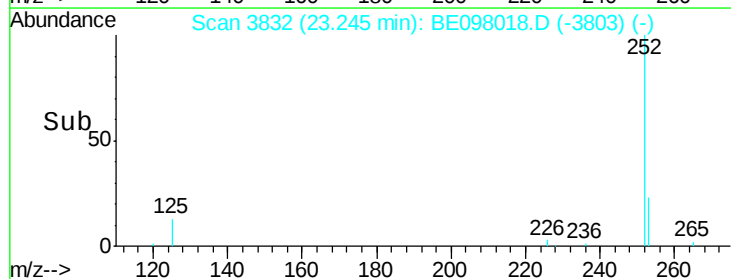
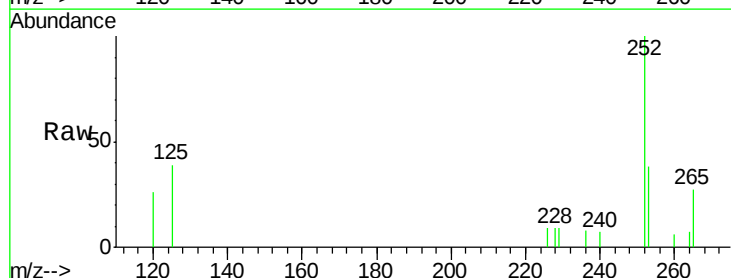
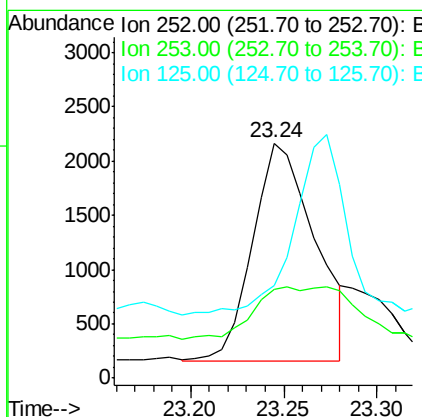
Tgt Ion:252 Resp: 4642

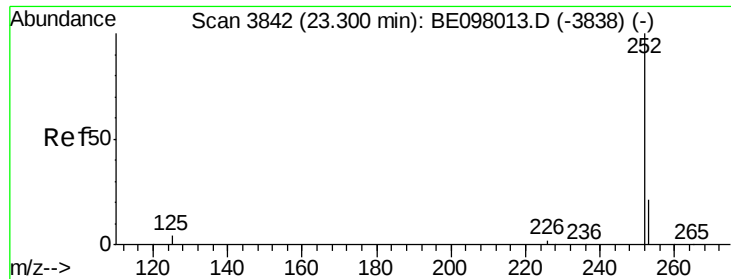
Ion Ratio Lower Upper

252 100

253 37.9 0.0 47.0

125 39.3 0.0 18.2#





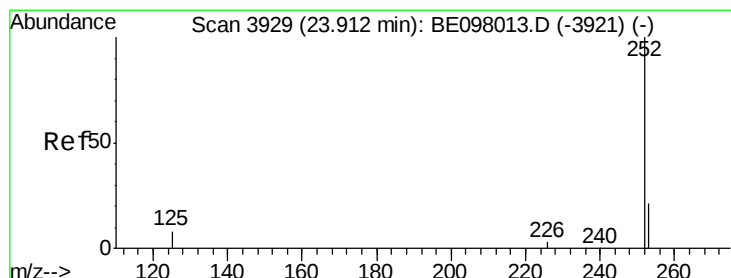
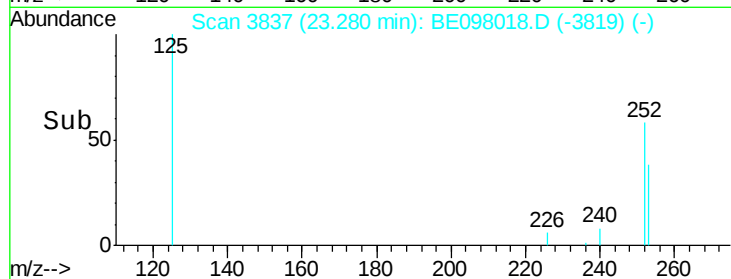
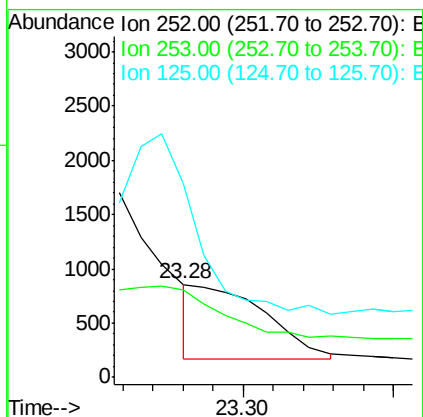
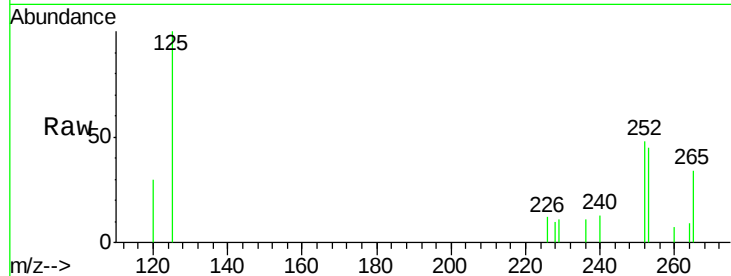
#22
Benzo(k)fluoranthene
Concen: 0.027 ng/ul m
RT: 23.28 min Scan# 3837
Delta R.T. -0.02 min
Lab File: BE098018.D
Acq: 22 Oct 2018 20:34

Instrument :
BNA_E
ClientSampleId :
C0AJ0

Tgt Ion	Ratio	Lower	Upper
252	100		
253	94.7	17.8	26.6#
125	208.8	9.4	14.0#

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#23
Benzo(a)pyrene
Concen: 0.040 ng/ul m
RT: 23.92 min Scan# 3928
Delta R.T. 0.01 min
Lab File: BE098018.D
Acq: 22 Oct 2018 20:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	63.1	18.2	27.4#
125	78.7	8.3	12.5#

