

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

Quant Time: Oct 23 02:38:10 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	17.40	188	670745	0.40	ng/ul	0.10
16) Chrysene-d12	21.62	240	23	0.40	ng/ul	0.14
20) Perylene-d12	24.33	264	57	0.40	ng/ul	0.30

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3917	0.31	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

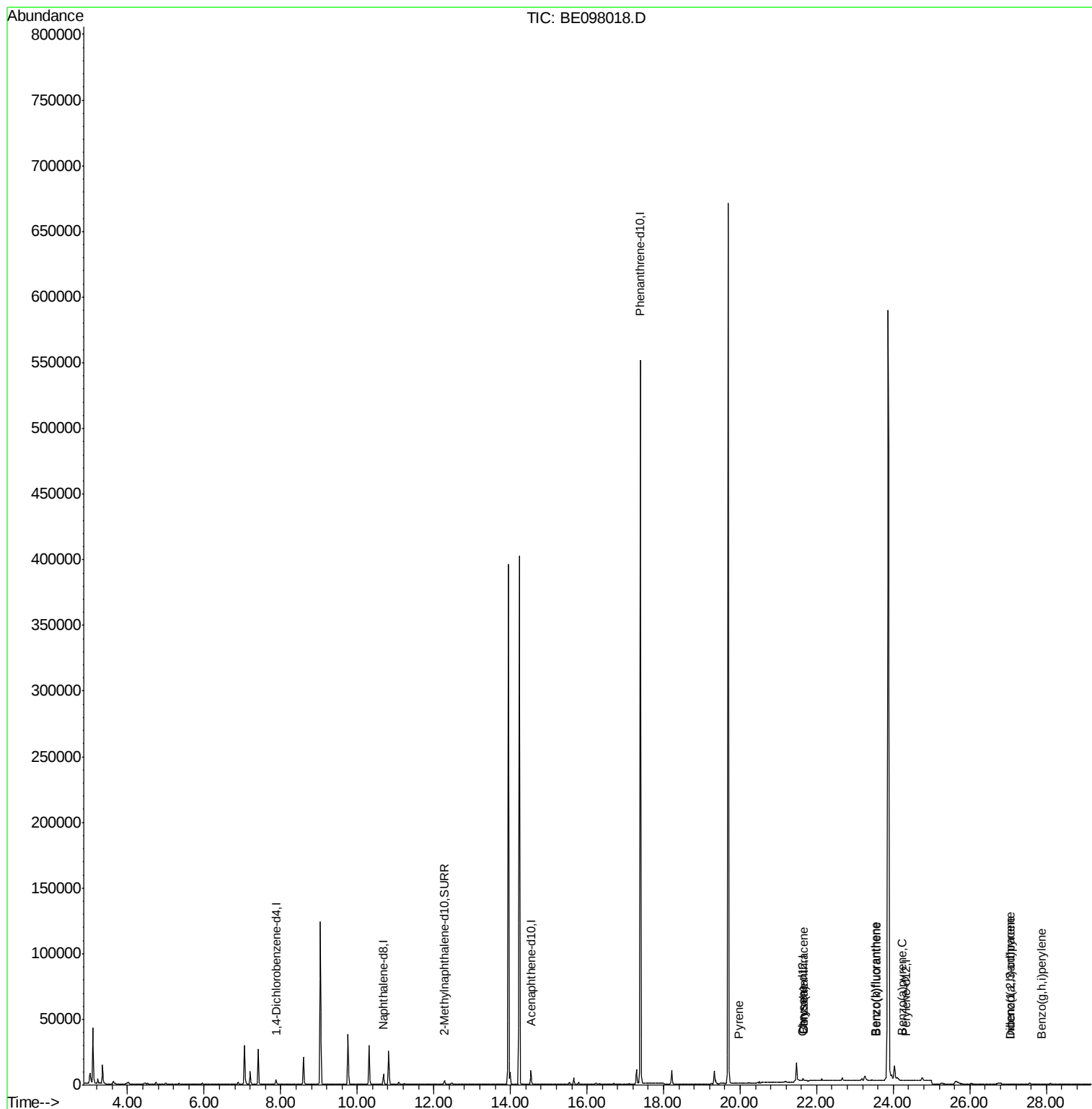
Target Compounds				Qvalue		
17) Pyrene	19.96	202	59	1.044	ng/ul#	1
18) Benzo(a)anthracene	21.64	228	505	7.911	ng/ul#	13
19) Chrysene	21.64	228	492	7.989	ng/ul#	14
21) Benzo(b)fluoranthene	23.53	252	22	0.149	ng/ul#	1
22) Benzo(k)fluoranthene	23.56	252	45	0.270	ng/ul#	1
23) Benzo(a)pyrene	24.22	252	139	1.031	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	27.05	276	4	0.026	ng/ul#	100
25) Dibenzo(a,h)anthracene	27.06	278	50	0.391	ng/ul#	1
26) Benzo(g,h,i)perylene	27.88	276	92	0.637	ng/ul#	1

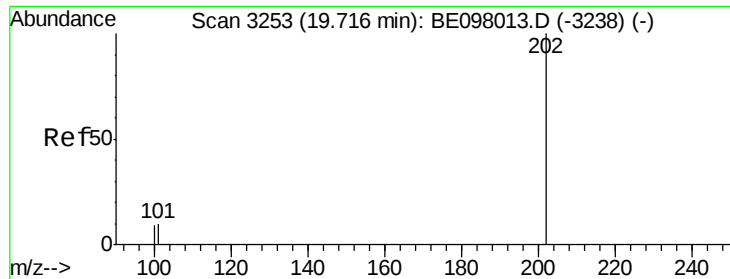
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Quant Time: Oct 23 02:38:10 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





#17

Pyrene

Concen: 1.044 ng/ul

RT: 19.96 min Scan# 3301

Delta R.T. 0.24 min

Lab File: BE098018.D

Acq: 22 Oct 2018 20:34

Instrument :

BNA_E

ClientSampleId :

C0AJ0

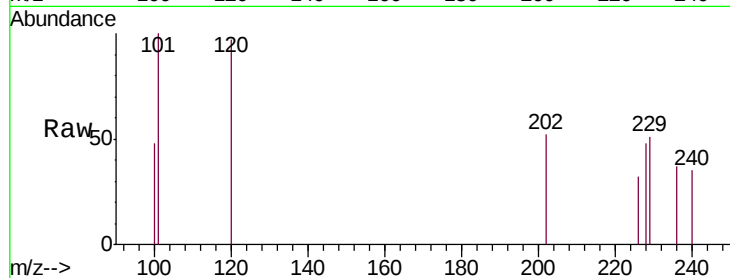
Tgt Ion:202 Resp: 59

Ion Ratio Lower Upper

202 100

101 192.6 8.8 13.2#

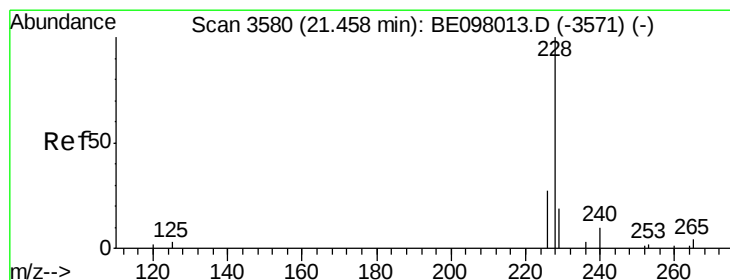
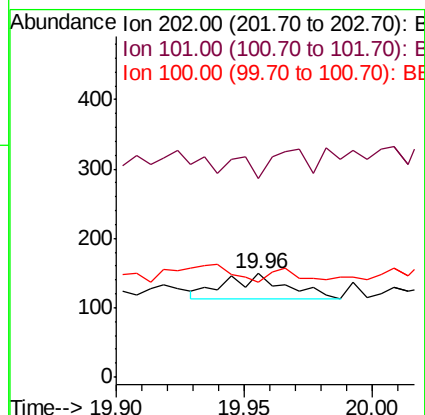
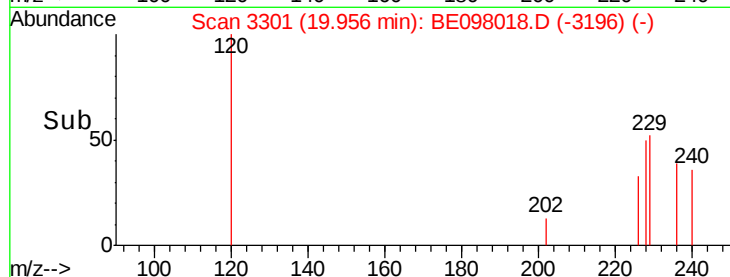
100 91.9 7.9 11.9#



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: 7.911 ng/ul

RT: 21.64 min Scan# 3604

Delta R.T. 0.18 min

Lab File: BE098018.D

Acq: 22 Oct 2018 20:34

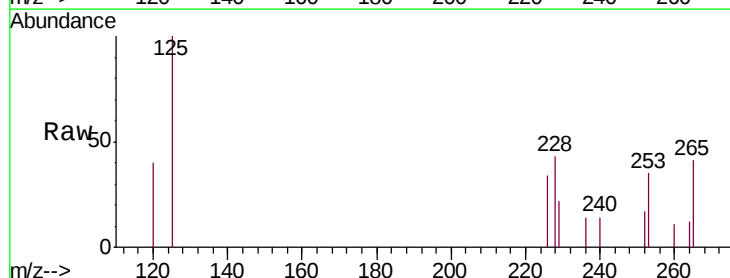
Tgt Ion:228 Resp: 505

Ion Ratio Lower Upper

228 100

229 52.5 16.4 24.6#

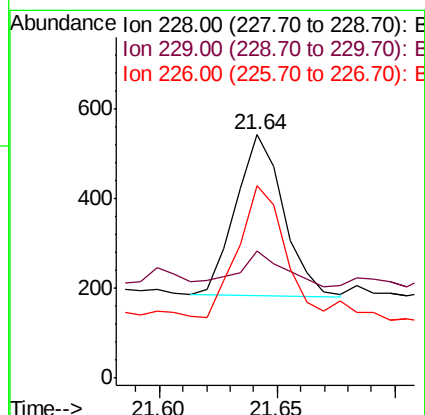
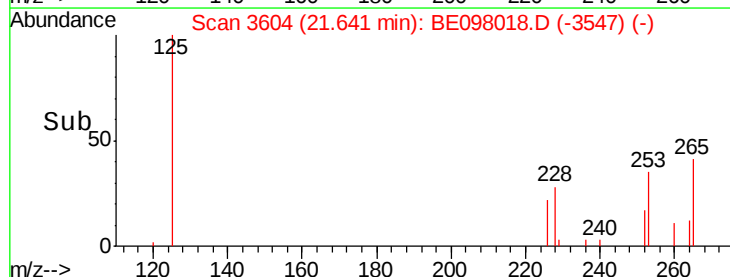
226 79.0 21.5 32.3#

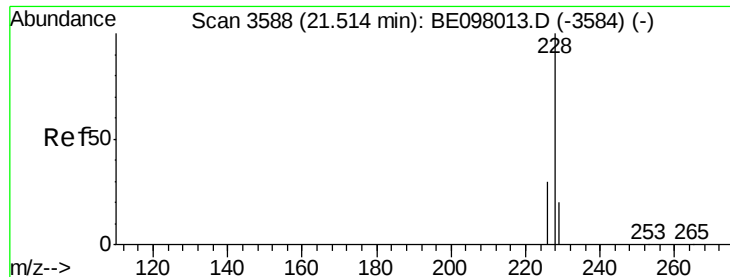


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 7.989 ng/ul

RT: 21.64 min Scan# 3604

Delta R.T. 0.13 min

Lab File: BE098018.D

Acq: 22 Oct 2018 20:34

Instrument :

BNA_E

ClientSampleId :

C0AJ0

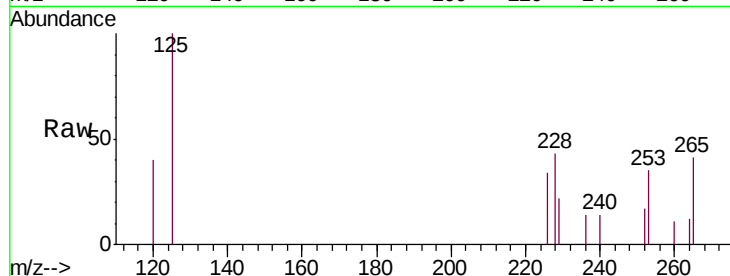
Tgt Ion:228 Resp: 492

Ion Ratio Lower Upper

228 100

226 79.0 23.0 34.4#

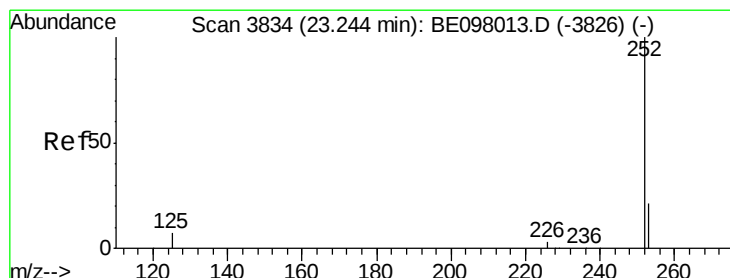
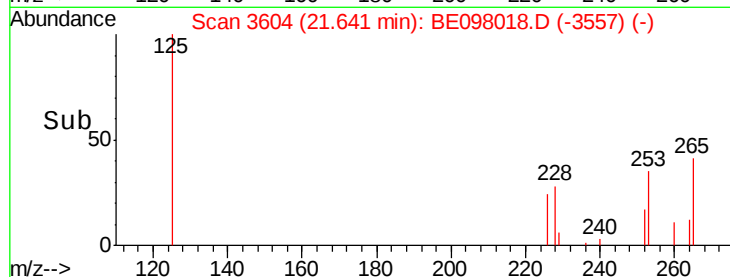
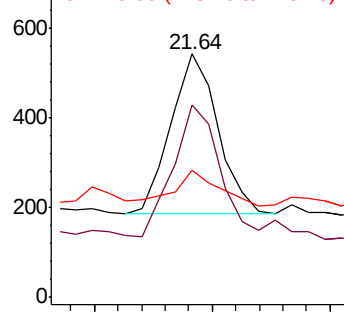
229 52.5 15.5 23.3#



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: 0.149 ng/ul

RT: 23.53 min Scan# 3873

Delta R.T. 0.29 min

Lab File: BE098018.D

Acq: 22 Oct 2018 20:34

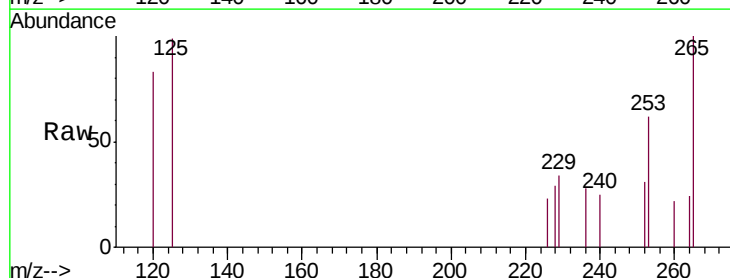
Tgt Ion:252 Resp: 22

Ion Ratio Lower Upper

252 100

253 199.5 0.0 47.0#

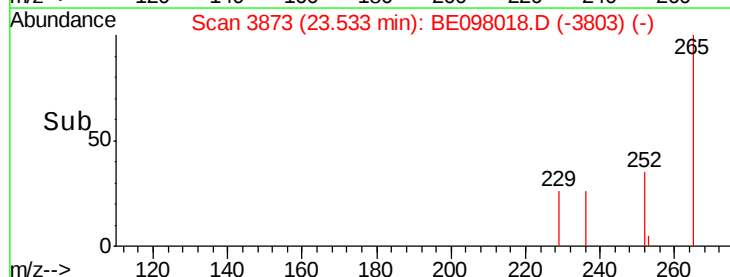
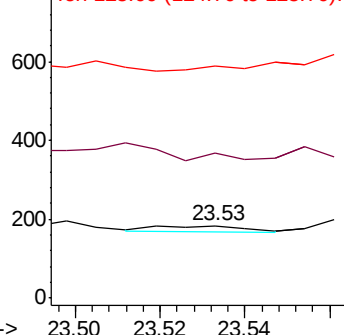
125 320.7 0.0 18.2#

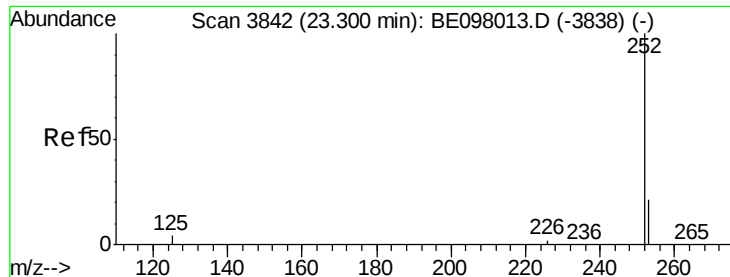


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.270 ng/ul

RT: 23.56 min Scan# 3877

Delta R.T. 0.26 min

Lab File: BE098018.D

Acq: 22 Oct 2018 20:34

Instrument :

BNA_E

ClientSampleId :

C0AJ0

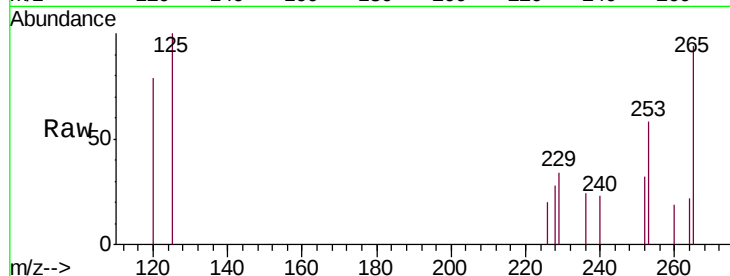
Tgt Ion:252 Resp: 45

Ion Ratio Lower Upper

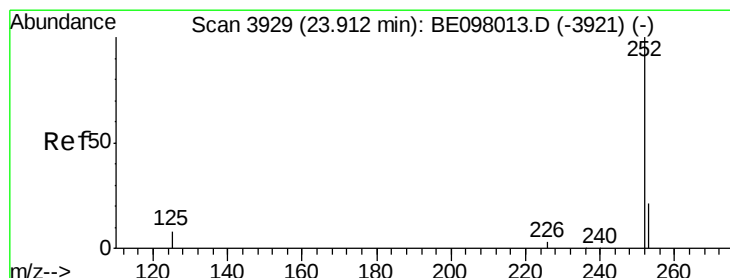
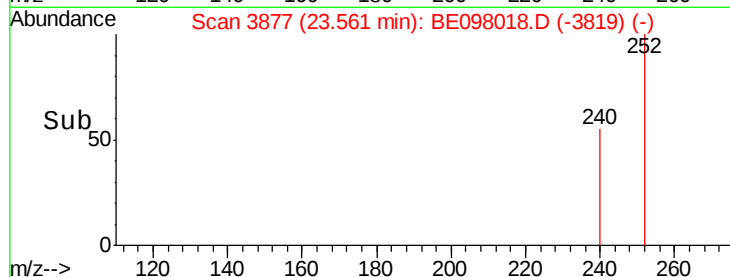
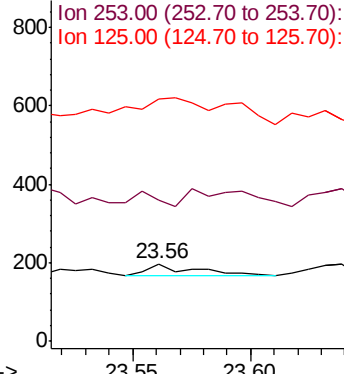
252 100

253 181.3 17.8 26.6#

125 312.1 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: 1.031 ng/ul

RT: 24.22 min Scan# 3971

Delta R.T. 0.31 min

Lab File: BE098018.D

Acq: 22 Oct 2018 20:34

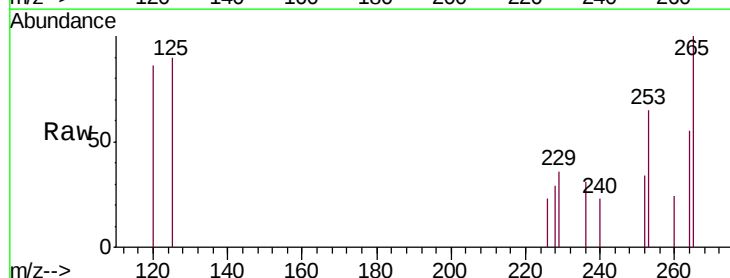
Tgt Ion:252 Resp: 139

Ion Ratio Lower Upper

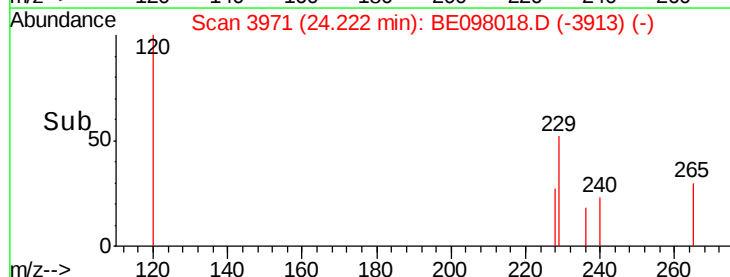
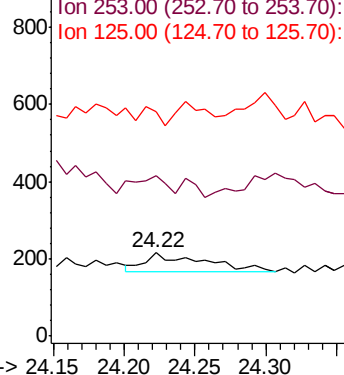
252 100

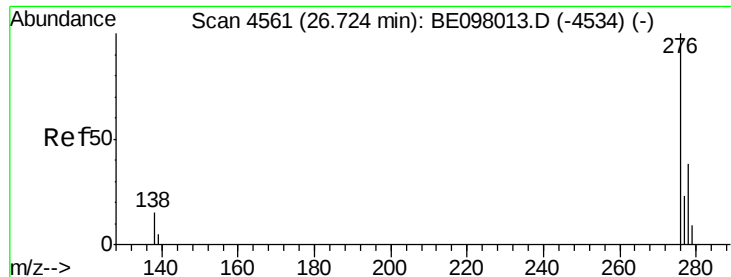
253 193.0 18.2 27.4#

125 269.8 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





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.026 ng/u1

RT: 27.05 min Scan# 4651

Delta R.T. 0.33 min

Lab File: BE098018.D

Acq: 22 Oct 2018 20:34

Instrument :

BNA_E

ClientSampleId :

C0AJ0

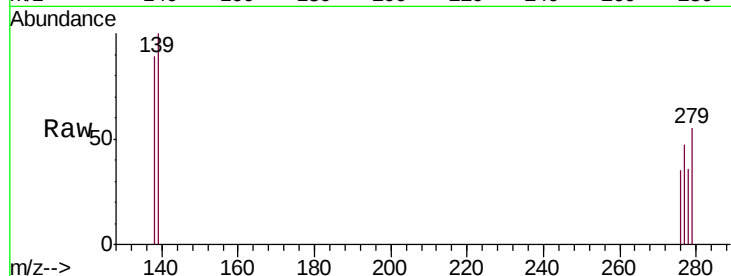
Tgt Ion:276 Resp: 4

Ion Ratio Lower Upper

276 100

138 1225.0 0.0 0.0#

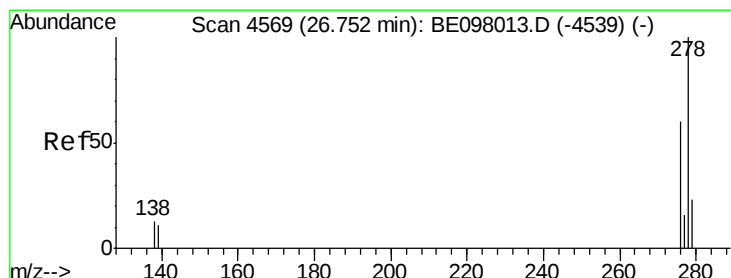
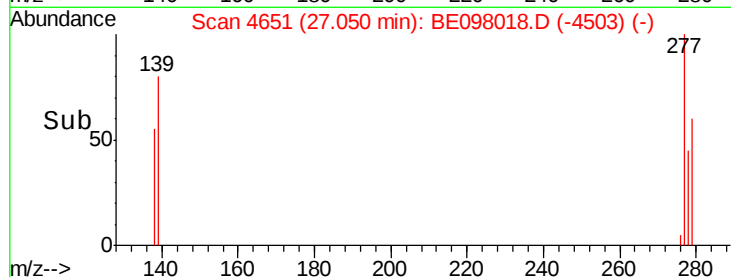
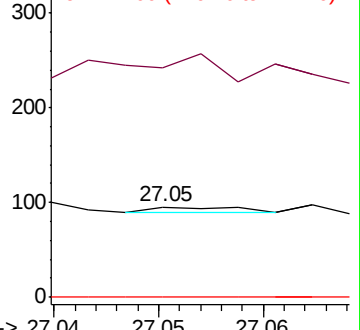
227 0.0 0.0 0.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



#25

Dibenzo(a,h)anthracene

Concen: 0.391 ng/u1

RT: 27.06 min Scan# 4653

Delta R.T. 0.31 min

Lab File: BE098018.D

Acq: 22 Oct 2018 20:34

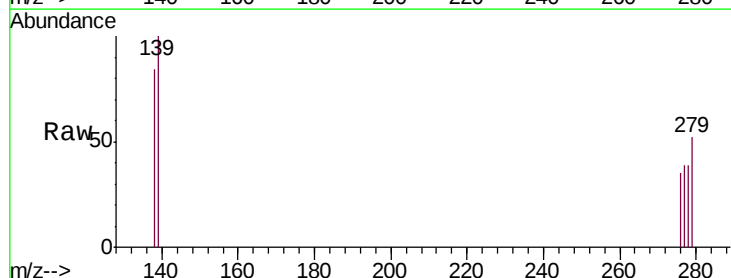
Tgt Ion:278 Resp: 50

Ion Ratio Lower Upper

278 100

139 254.7 10.9 16.3#

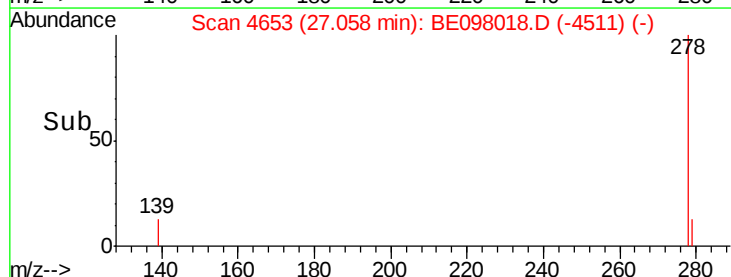
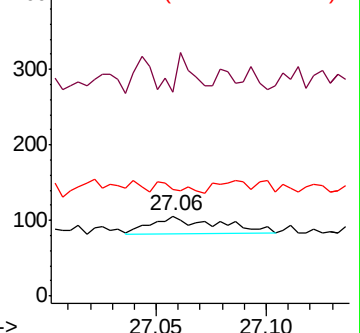
279 133.0 18.8 28.2#

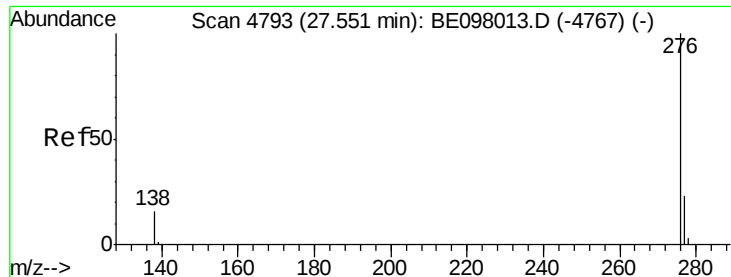


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.637 ng/ul

RT: 27.88 min Scan# 4883

Delta R.T. 0.33 min

Lab File: BE098018.D

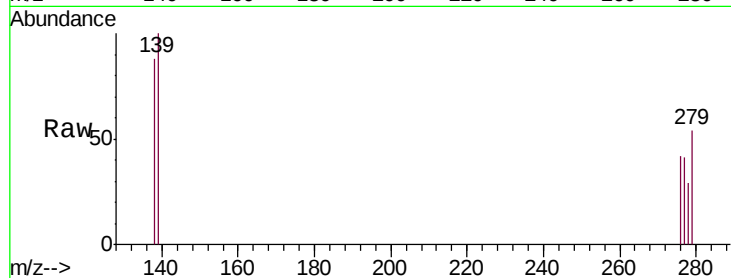
Acq: 22 Oct 2018 20:34

Instrument :

BNA_E

ClientSampleId :

C0AJ0



Tgt Ion:	276	Resp:	92
Ion	Ratio	Lower	Upper
276	100		
138	206.9	14.3	21.5#
277	97.4	19.5	29.3#

