

Data File : BE098007.D
Acq On : 22 Oct 2018 13:11
Operator : SJ/JU
Sample : J5567-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH4

Quant Time: Oct 23 01:27:20 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 01:24:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	2778	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	13557	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	9705	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.40	188	1283099	0.40	ng/ul	0.10
16) Chrysene-d12	21.64	240	57	0.40	ng/ul	0.17
20) Perylene-d12	24.38	264	35	0.40	ng/ul	0.36

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	7861	0.37	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

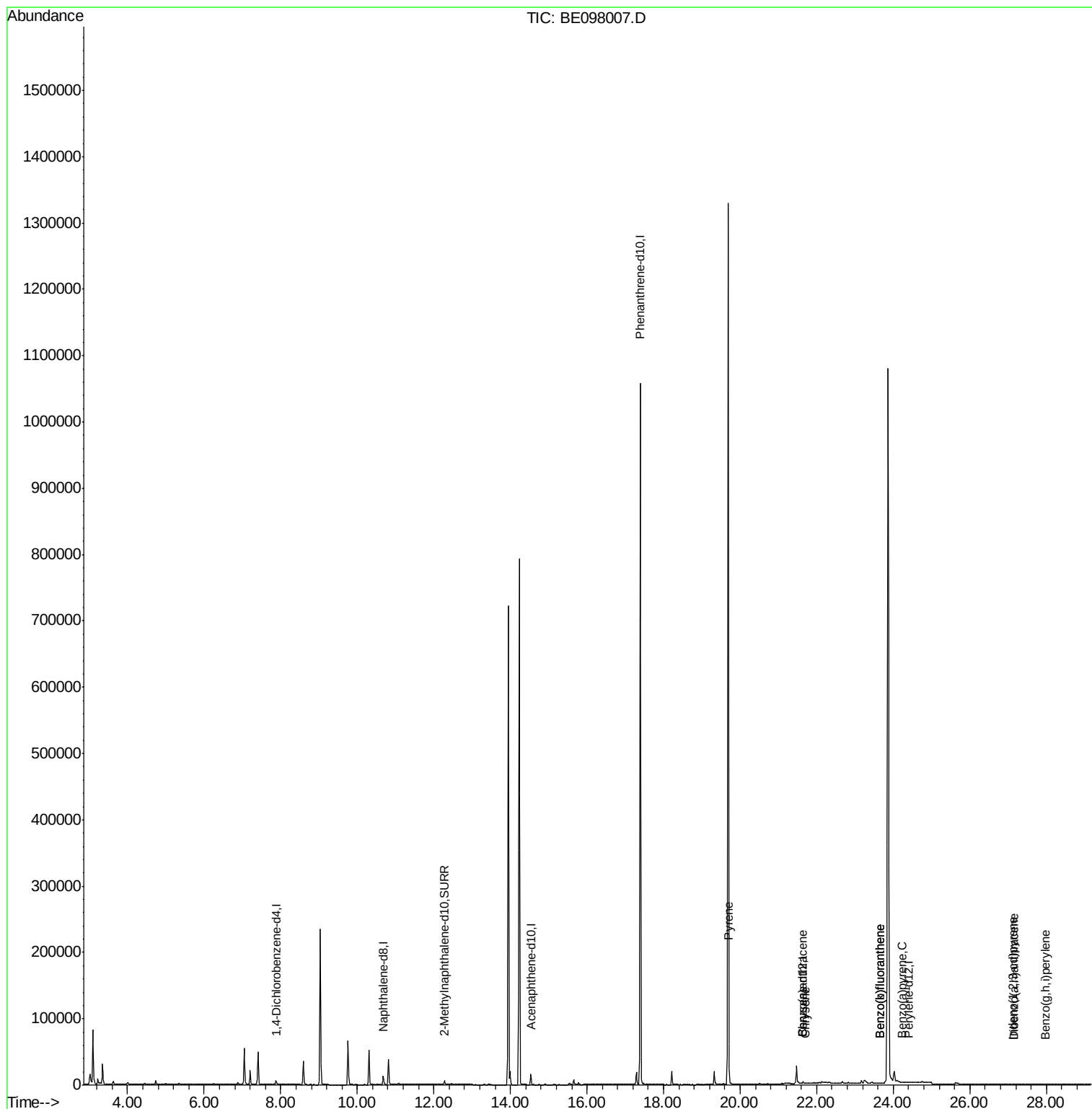
Target Compounds				Qvalue		
17) Pyrene	19.71	202	1593	11.375	ng/ul#	42
18) Benzo(a)anthracene	21.64	228	739	4.671	ng/ul#	7
19) Chrysene	21.71	228	46	0.301	ng/ul#	1
21) Benzo(b)fluoranthene	23.65	252	265	2.930	ng/ul#	1
22) Benzo(k)fluoranthene	23.65	252	265	2.585	ng/ul#	1
23) Benzo(a)pyrene	24.24	252	319	3.854	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	27.11	276	7	0.075	ng/ul#	100
25) Dibenzo(a,h)anthracene	27.15	278	147	1.872	ng/ul#	1
26) Benzo(g,h,i)perylene	27.97	276	14	0.158	ng/ul#	1

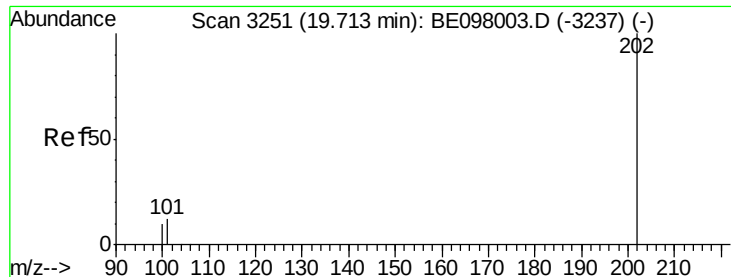
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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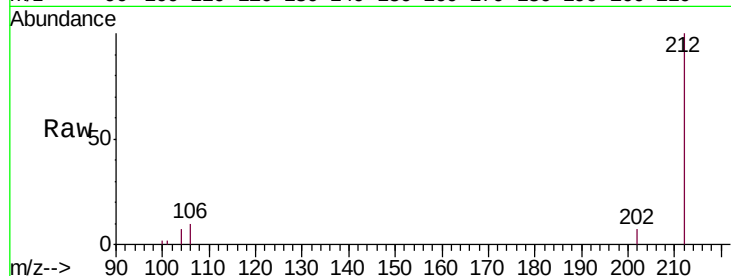




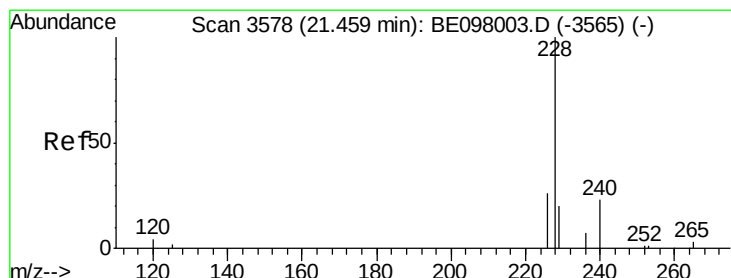
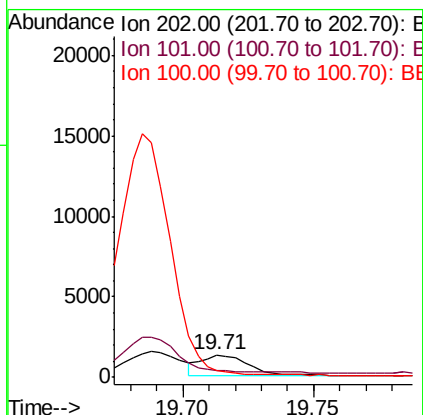
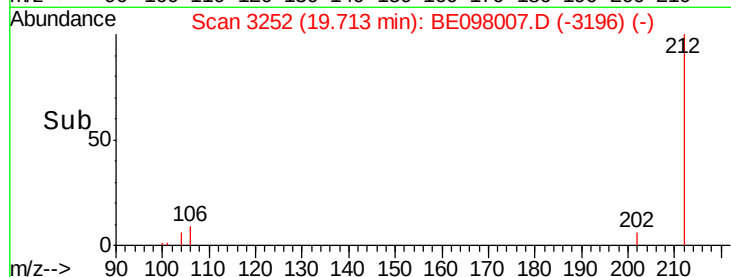
#17
Pyrene
 Concen: 11.375 ng/ul
 RT: 19.71 min Scan# 3252
 Delta R.T. 0.00 min
 Lab File: BE098007.D
 Acq: 22 Oct 2018 13:11

Instrument :
 BNA_E
 ClientSampleId :
 C0AH4

Tgt Ion:202 Resp: 1593
 Ion Ratio Lower Upper
 202 100
 101 33.1 8.8 13.2#
 100 31.2 7.9 11.9#

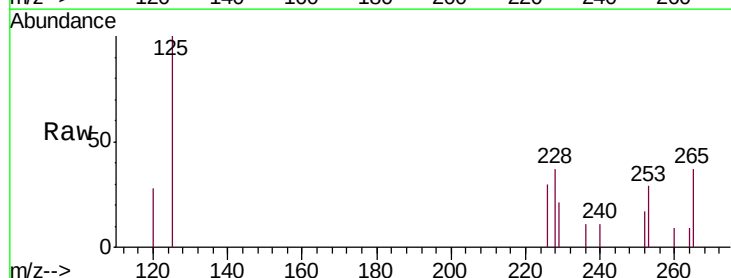


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): E

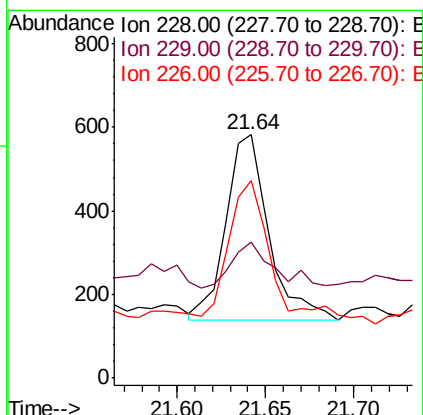
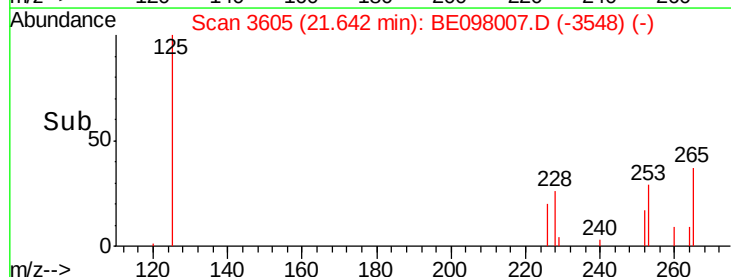


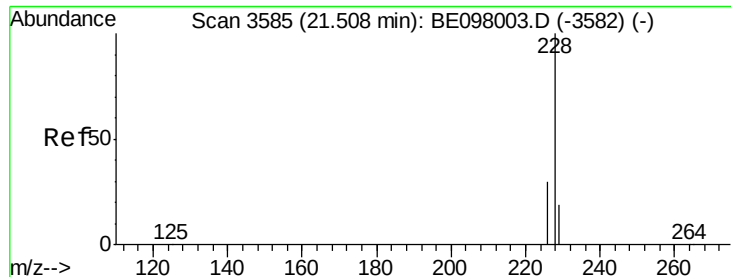
#18
Benzo(a)anthracene
 Concen: 4.671 ng/ul
 RT: 21.64 min Scan# 3605
 Delta R.T. 0.18 min
 Lab File: BE098007.D
 Acq: 22 Oct 2018 13:11

Tgt Ion:228 Resp: 739
 Ion Ratio Lower Upper
 228 100
 229 56.2 16.4 24.6#
 226 80.9 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: 0.301 ng/ul

RT: 21.71 min Scan# 3614

Delta R.T. 0.20 min

Lab File: BE098007.D

Acq: 22 Oct 2018 13:11

Instrument :

BNA_E

ClientSampleId :

C0AH4

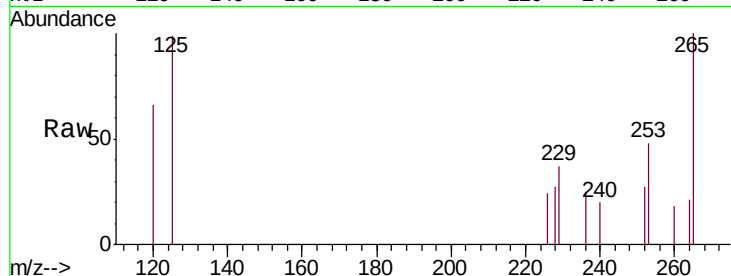
Tgt Ion:228 Resp: 46

Ion Ratio Lower Upper

228 100

226 86.5 23.0 34.4#

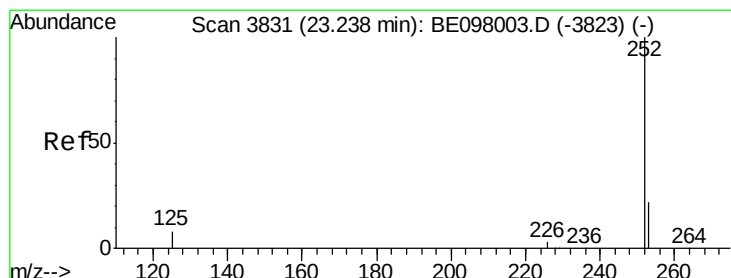
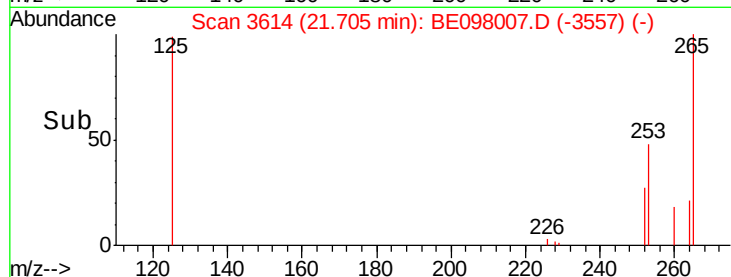
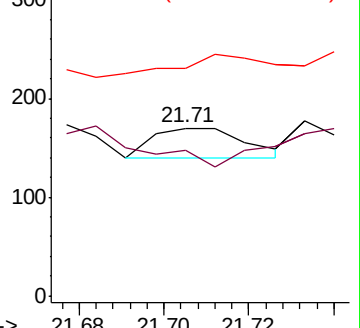
229 135.3 15.5 23.3#



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: 2.930 ng/ul

RT: 23.65 min Scan# 3890

Delta R.T. 0.41 min

Lab File: BE098007.D

Acq: 22 Oct 2018 13:11

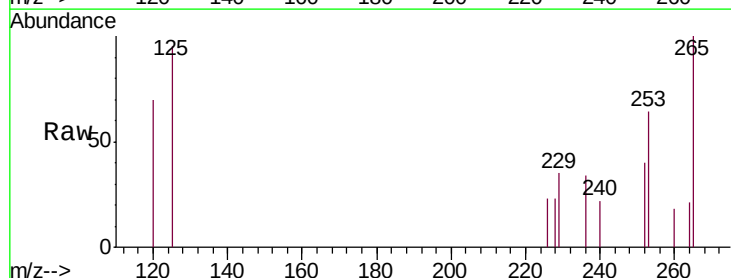
Tgt Ion:252 Resp: 265

Ion Ratio Lower Upper

252 100

253 160.1 0.0 47.0#

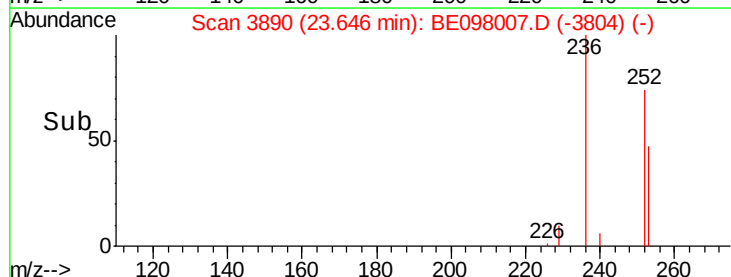
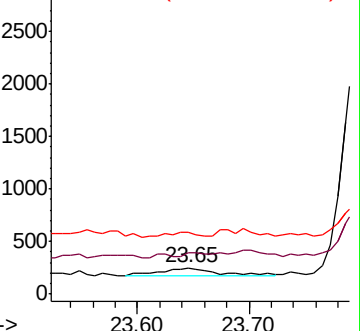
125 239.5 0.0 18.2#

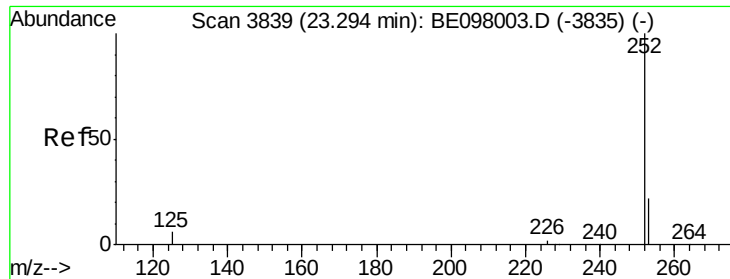


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 2.585 ng/ul

RT: 23.65 min Scan# 3890

Delta R.T. 0.35 min

Lab File: BE098007.D

Acq: 22 Oct 2018 13:11

Instrument :

BNA_E

ClientSampleId :

C0AH4

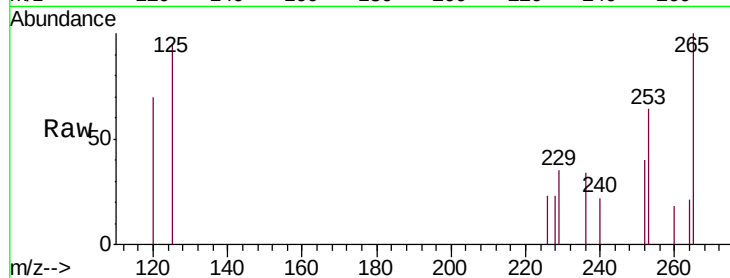
Tgt Ion:252 Resp: 265

Ion Ratio Lower Upper

252 100

253 160.1 17.8 26.6#

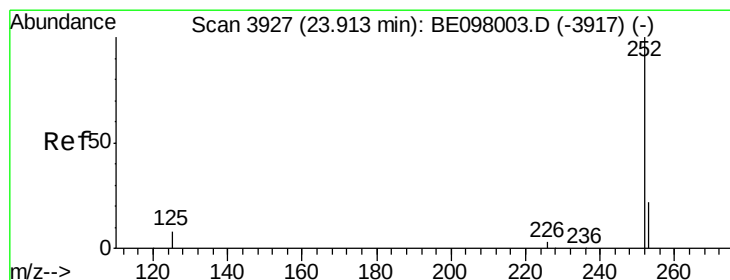
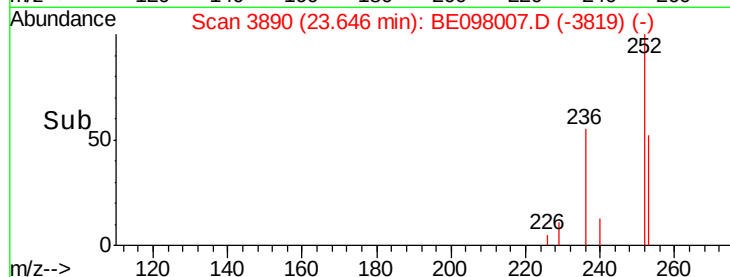
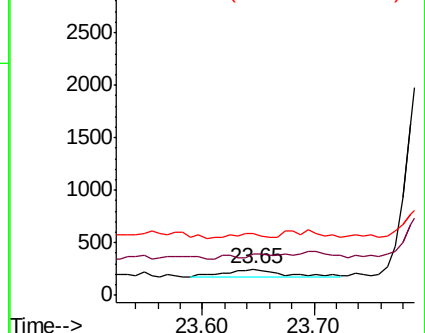
125 239.5 9.4 14.0#



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: 3.854 ng/ul

RT: 24.24 min Scan# 3975

Delta R.T. 0.33 min

Lab File: BE098007.D

Acq: 22 Oct 2018 13:11

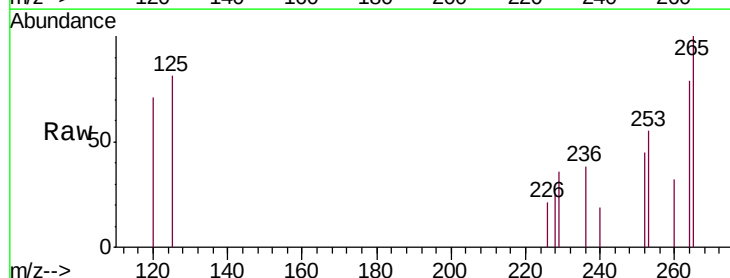
Tgt Ion:252 Resp: 319

Ion Ratio Lower Upper

252 100

253 122.0 18.2 27.4#

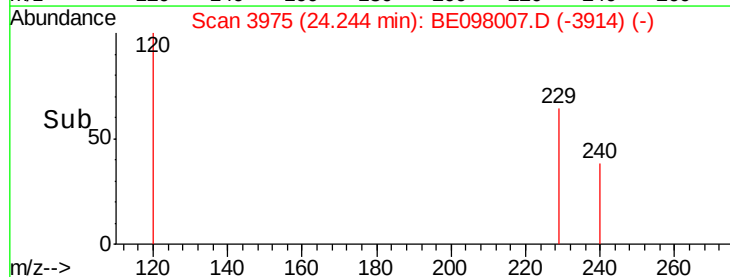
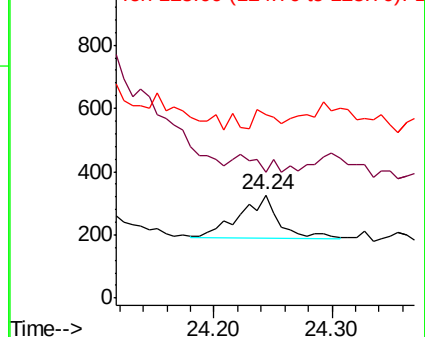
125 177.1 8.3 12.5#

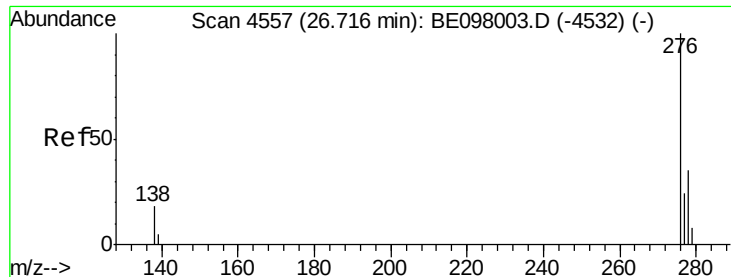


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

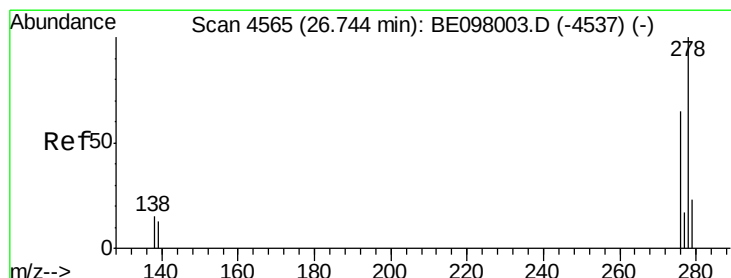
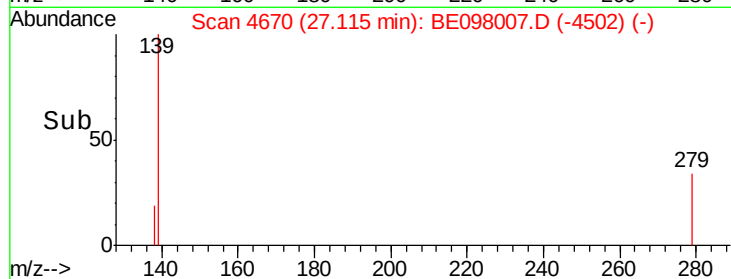
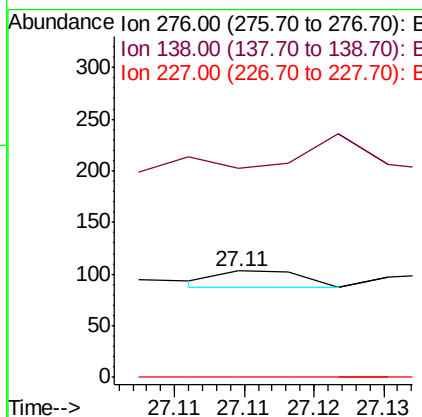
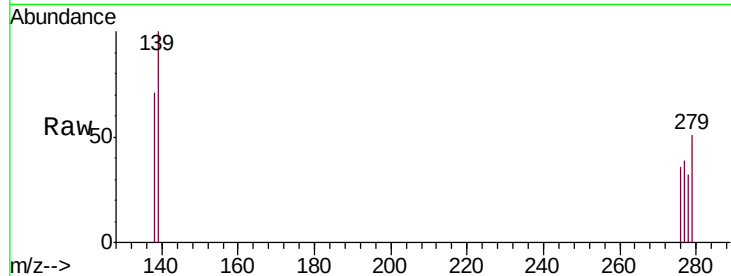




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.075 ng/ul
 RT: 27.11 min Scan# 4670
 Delta R.T. 0.40 min
 Lab File: BE098007.D
 Acq: 22 Oct 2018 13:11

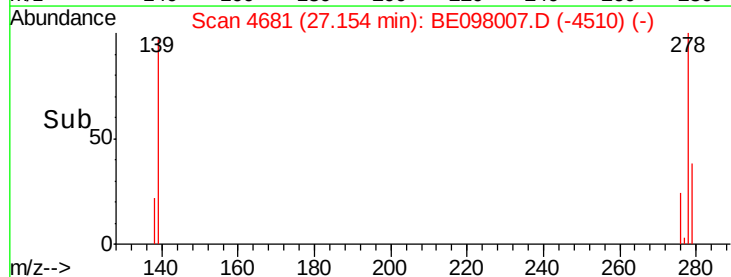
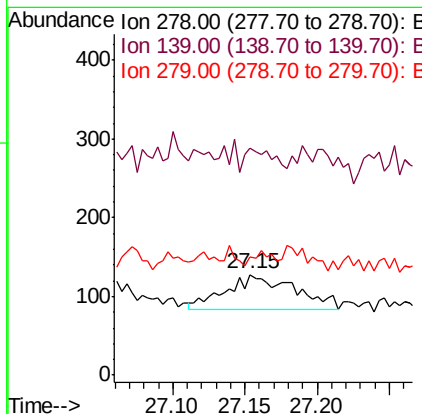
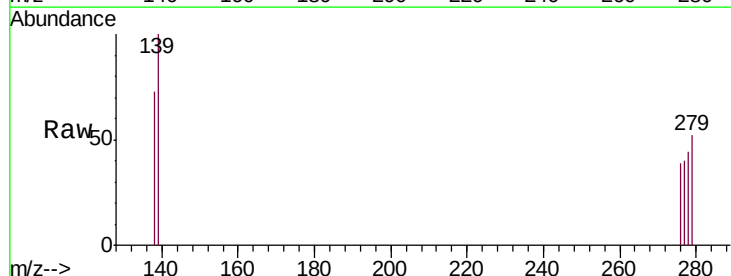
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 C0AH4

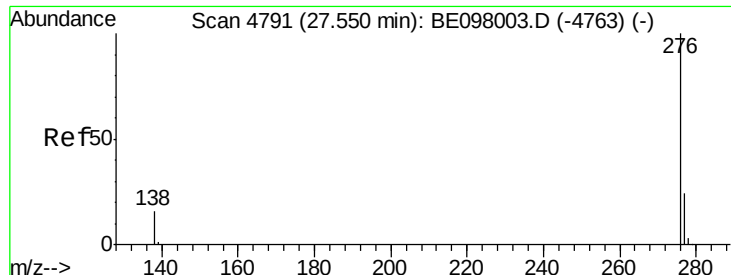
Tgt Ion: 276 Resp: 7
 Ion Ratio Lower Upper
 276 100
 138 128.6 0.0 0.0#
 227 0.0 0.0 0.0



#25
 Dibenzo(a,h)anthracene
 Concen: 1.872 ng/ul
 RT: 27.15 min Scan# 4681
 Delta R.T. 0.41 min
 Lab File: BE098007.D
 Acq: 22 Oct 2018 13:11

Tgt Ion: 278 Resp: 147
 Ion Ratio Lower Upper
 278 100
 139 225.0 10.9 16.3#
 279 118.0 18.8 28.2#





#26

Benzo(g,h,i)perylene

Concen: 0.158 ng/ul

RT: 27.97 min Scan# 4909

Delta R.T. 0.42 min

Lab File: BE098007.D

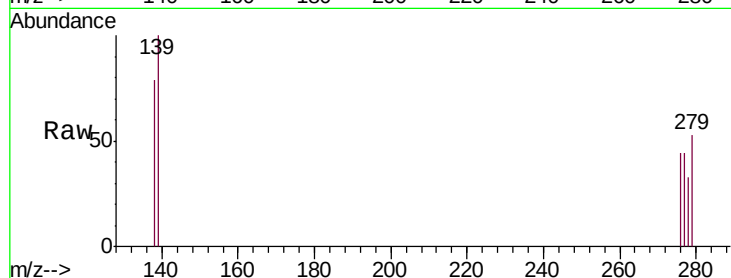
Acq: 22 Oct 2018 13:11

Instrument :

BNA_E

ClientSampleId :

C0AH4



Tgt Ion:	276	Resp:	14
Ion Ratio	Lower	Upper	
276	100		
138	182.0	14.3	21.5#
277	100.9	19.5	29.3#

