

Data File : BE098026.D
Acq On : 23 Oct 2018 1:30
Operator : SJ/JU
Sample : J5567-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ5

Quant Time: Oct 23 04:15:35 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	1521	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	7452	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	5506	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.40	188	748373	0.40	ng/ul	0.10
16) Chrysene-d12	21.65	240	97	0.40	ng/ul	0.17
20) Perylene-d12	24.38	264	12	0.40	ng/ul	0.35

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	4594	0.39	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

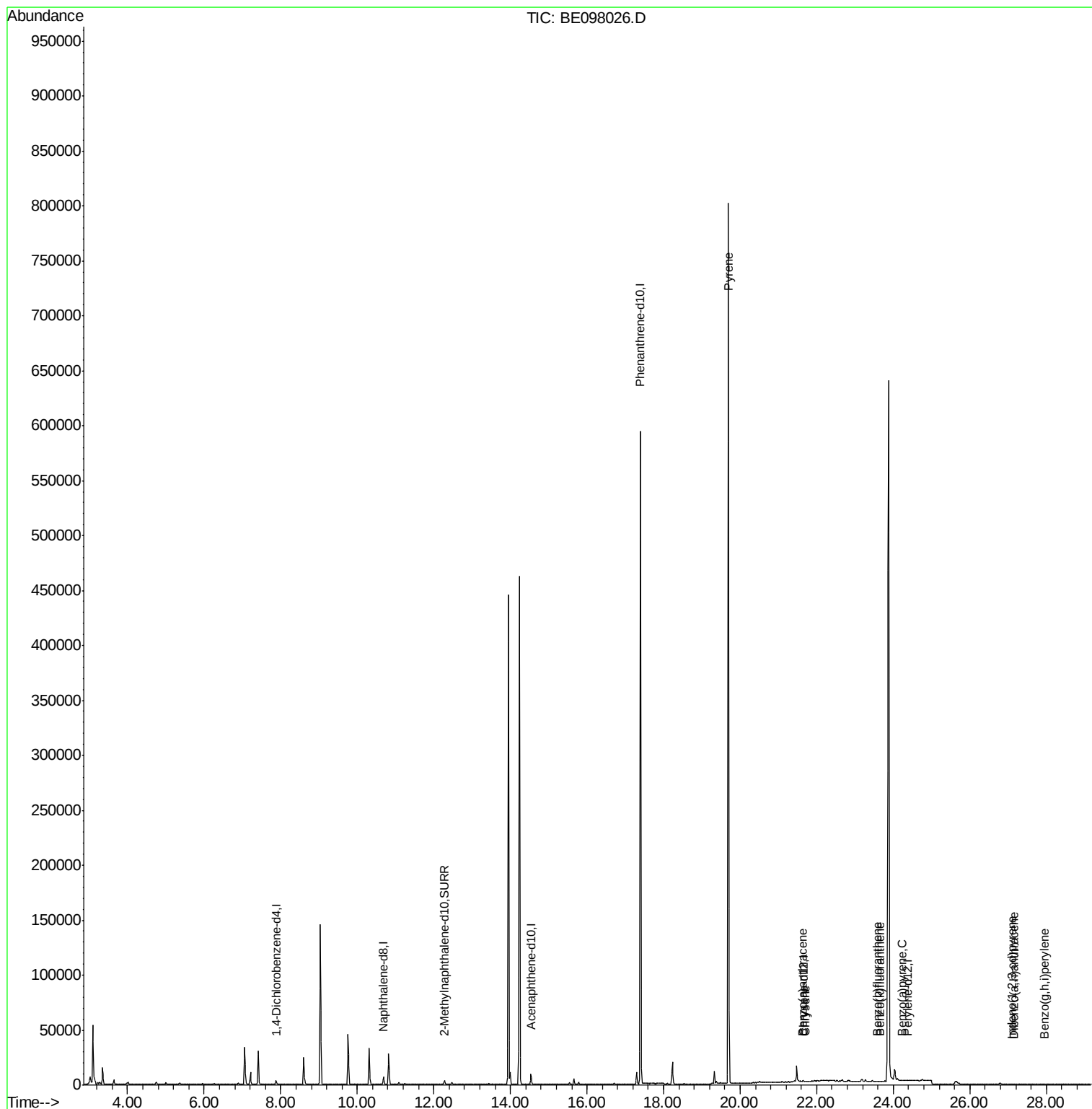
Target Compounds				Qvalue		
17) Pyrene	19.69	202	1255	5.266	ng/ul#	1
18) Benzo(a)anthracene	21.63	228	23	0.085	ng/ul#	1
19) Chrysene	21.70	228	43	0.166	ng/ul#	1
21) Benzo(b)fluoranthene	23.58	252	60	1.935	ng/ul#	1
22) Benzo(k)fluoranthene	23.64	252	138	3.926	ng/ul#	1
23) Benzo(a)pyrene	24.24	252	259	9.128	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	27.10	276	6	0.186	ng/ul#	100
25) Dibenzo(a,h)anthracene	27.15	278	18	0.669	ng/ul#	1
26) Benzo(g,h,i)perylene	27.94	276	16	0.526	ng/ul#	1

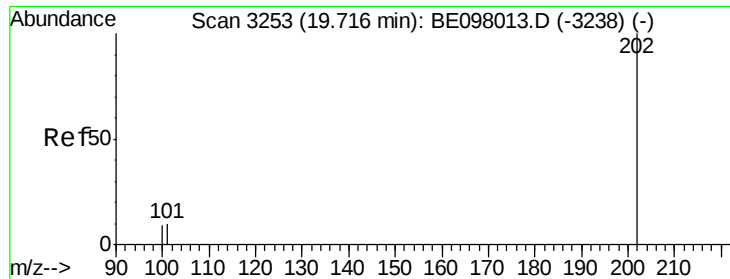
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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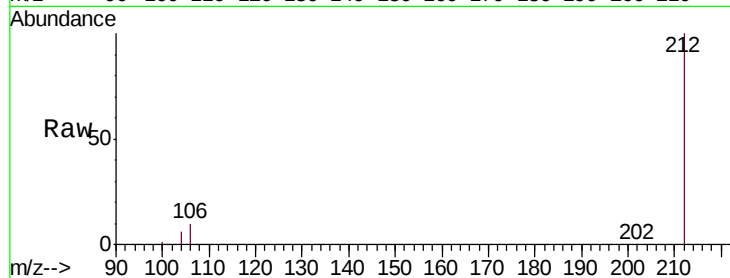




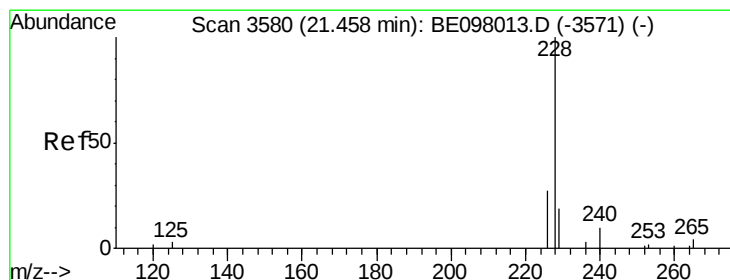
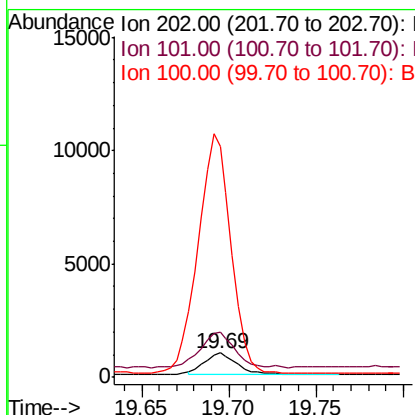
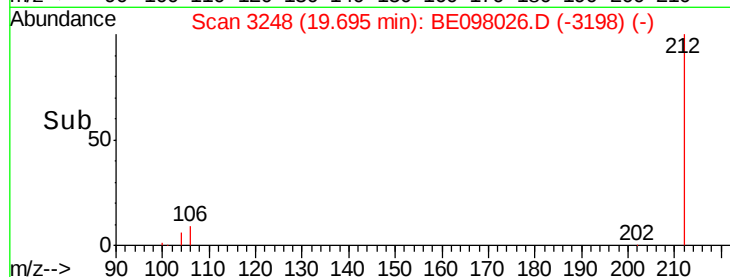
#17
Pyrene
Concen: 5.266 ng/ul
RT: 19.69 min Scan# 3248
Delta R.T. -0.02 min
Lab File: BE098026.D
Acq: 23 Oct 2018 1:30

Instrument :
BNA_E
ClientSampleId :
C0AJ5

Tgt Ion:202 Resp: 1255
Ion Ratio Lower Upper
202 100
101 185.4 8.8 13.2#
100 952.2 7.9 11.9#

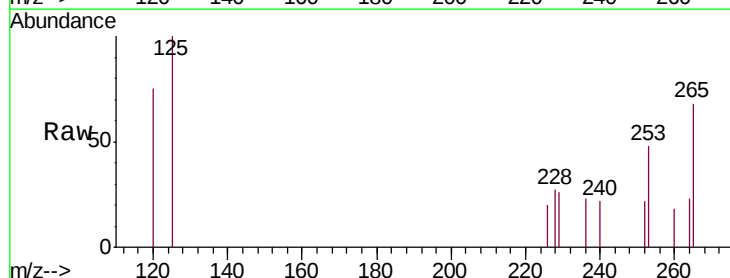


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): BE

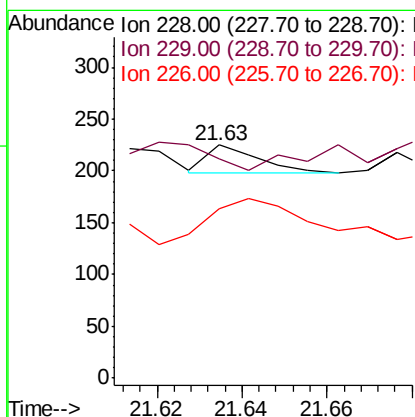
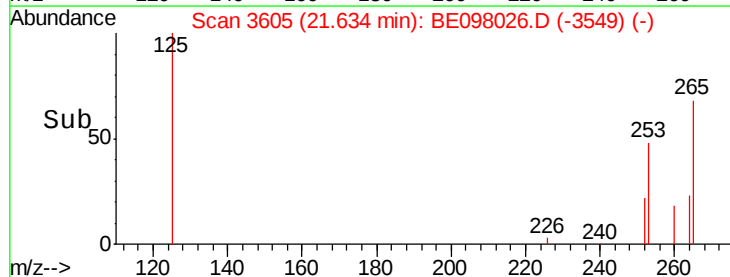


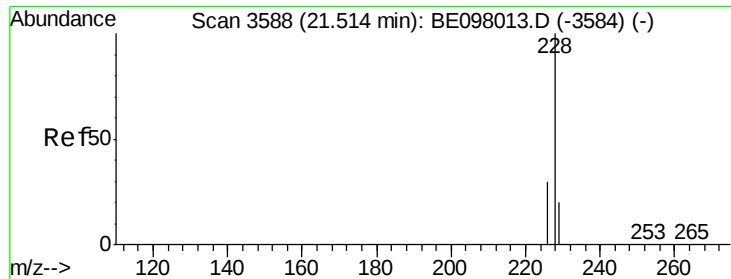
#18
Benzo(a)anthracene
Concen: 0.085 ng/ul
RT: 21.63 min Scan# 3605
Delta R.T. 0.18 min
Lab File: BE098026.D
Acq: 23 Oct 2018 1:30

Tgt Ion:228 Resp: 23
Ion Ratio Lower Upper
228 100
229 94.2 16.4 24.6#
226 72.4 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: 0.166 ng/ul

RT: 21.70 min Scan# 3614

Delta R.T. 0.18 min

Lab File: BE098026.D

Acq: 23 Oct 2018 1:30

Instrument :

BNA_E

ClientSampleId :

C0AJ5

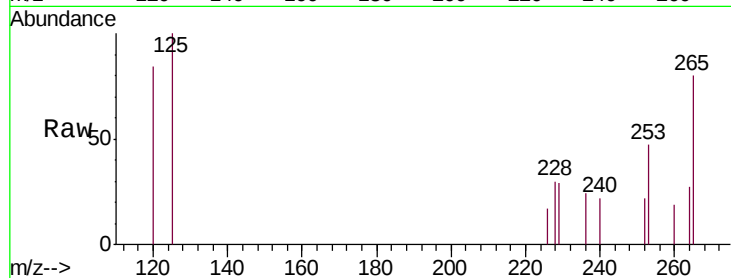
Tgt Ion:228 Resp: 43

Ion Ratio Lower Upper

228 100

226 58.7 23.0 34.4#

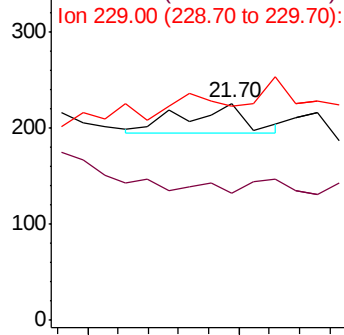
229 98.7 15.5 23.3#



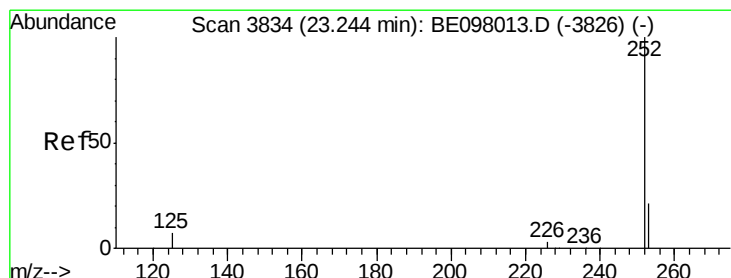
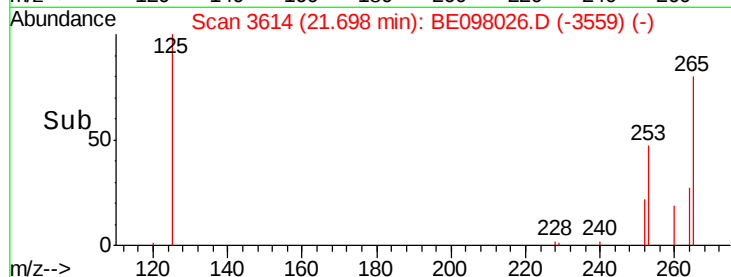
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#21

Benzo(b)fluoranthene

Concen: 1.935 ng/ul

RT: 23.58 min Scan# 3882

Delta R.T. 0.34 min

Lab File: BE098026.D

Acq: 23 Oct 2018 1:30

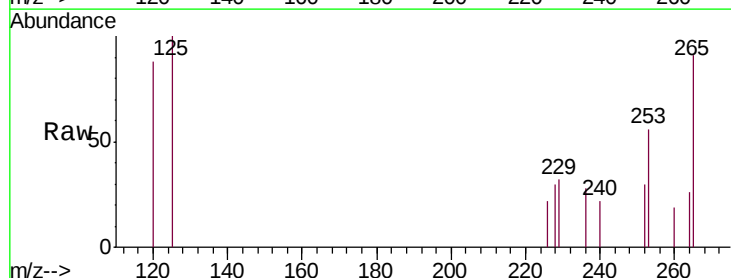
Tgt Ion:252 Resp: 60

Ion Ratio Lower Upper

252 100

253 188.7 0.0 47.0#

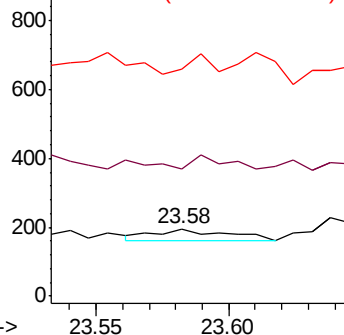
125 337.4 0.0 18.2#



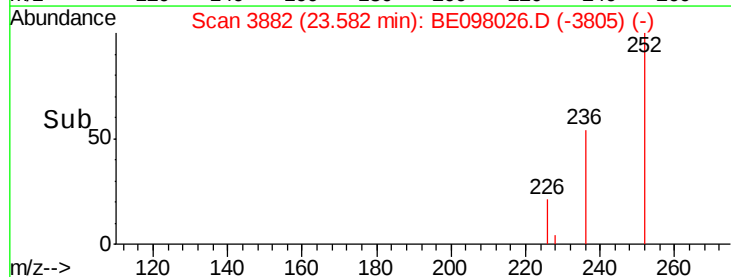
Abundance Ion 252.00 (251.70 to 252.70): E

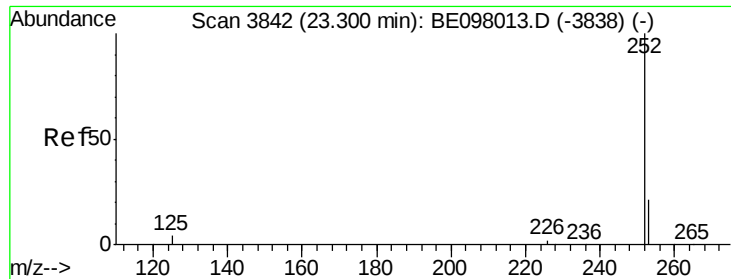
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#22

Benzo(k)fluoranthene

Concen: 3.926 ng/ul

RT: 23.64 min Scan# 3890

Delta R.T. 0.34 min

Lab File: BE098026.D

Acq: 23 Oct 2018 1:30

Instrument :

BNA_E

ClientSampleId :

C0AJ5

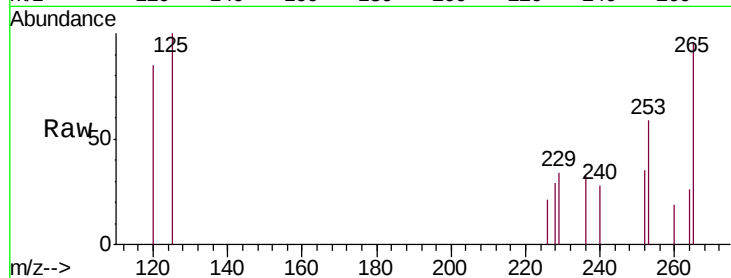
Tgt Ion:252 Resp: 138

Ion Ratio Lower Upper

252 100

253 169.0 17.8 26.6#

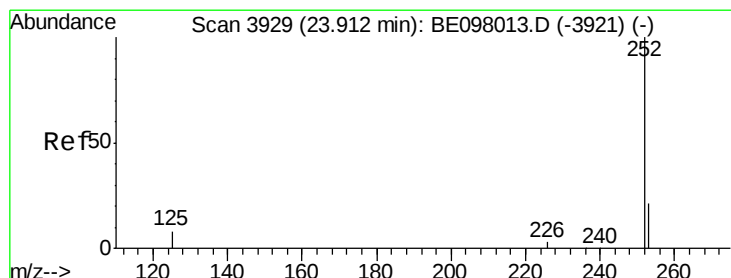
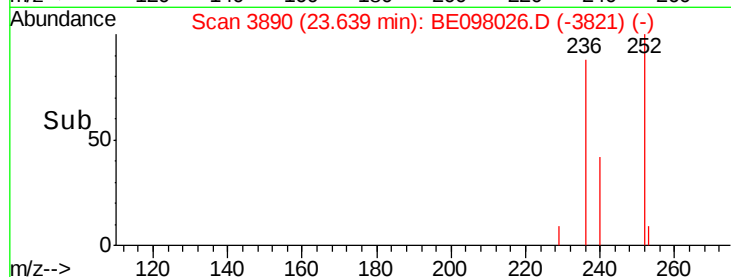
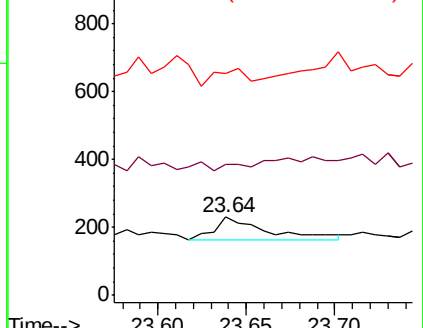
125 285.6 9.4 14.0#



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: 9.128 ng/ul

RT: 24.24 min Scan# 3975

Delta R.T. 0.32 min

Lab File: BE098026.D

Acq: 23 Oct 2018 1:30

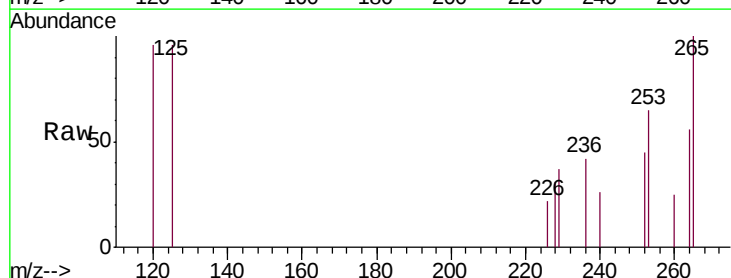
Tgt Ion:252 Resp: 259

Ion Ratio Lower Upper

252 100

253 145.4 18.2 27.4#

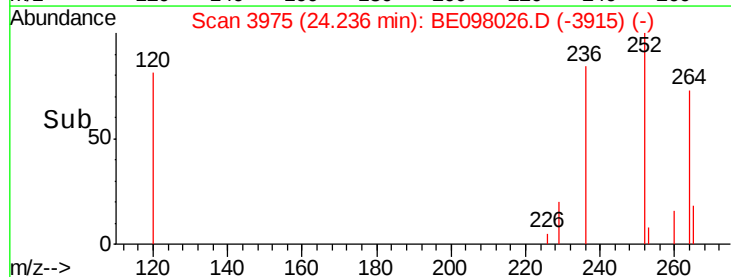
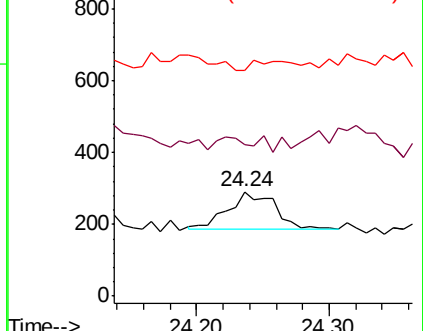
125 216.5 8.3 12.5#

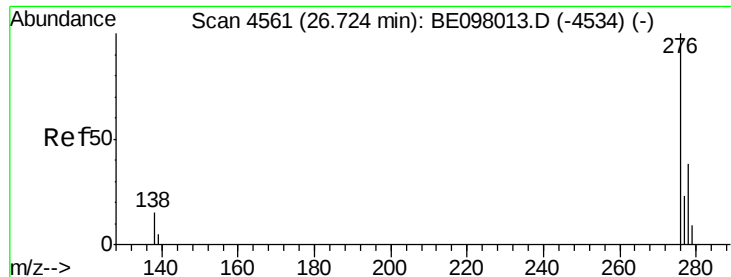


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.186 ng/ul

RT: 27.10 min Scan# 4667

Delta R.T. 0.38 min

Lab File: BE098026.D

Acq: 23 Oct 2018 1:30

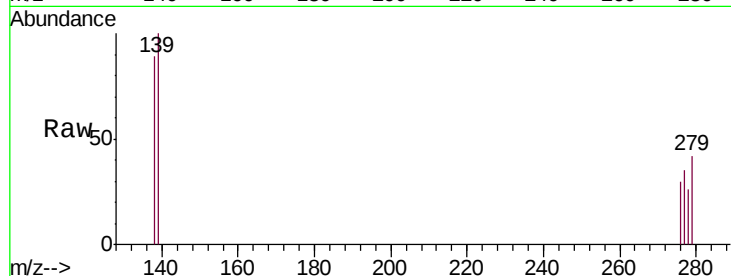
Instrument :

BNA_E

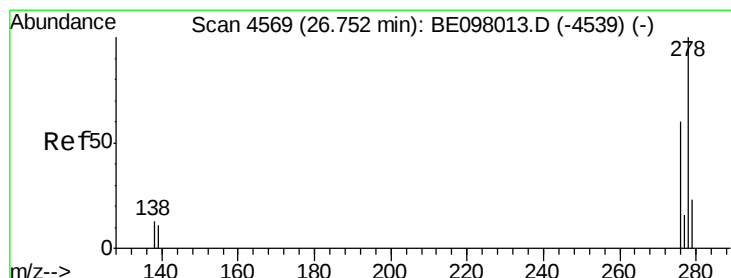
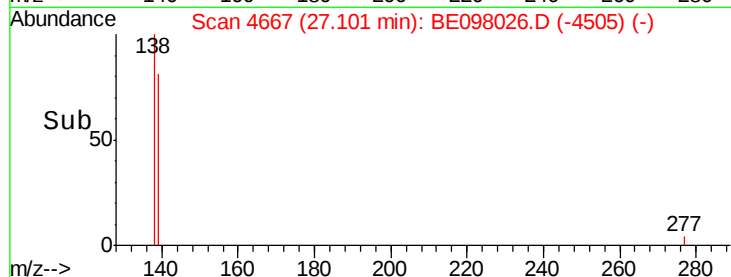
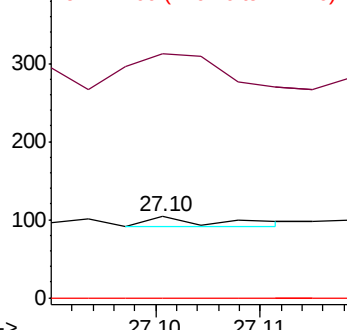
ClientSampleId :

C0AJ5

Tgt Ion:	276	Resp:	6
Ion	Ratio	Lower	Upper
276	100		
138	500.0	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: 0.669 ng/ul

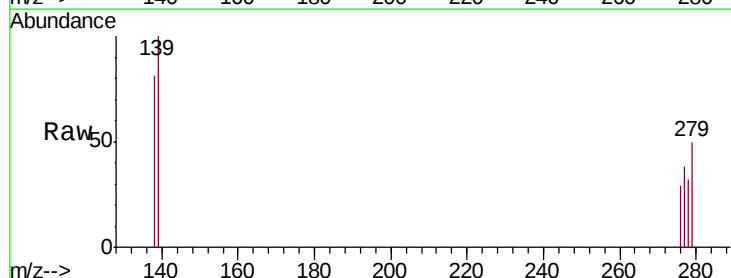
RT: 27.15 min Scan# 4681

Delta R.T. 0.40 min

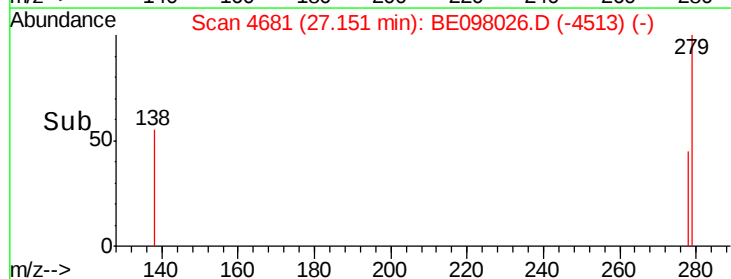
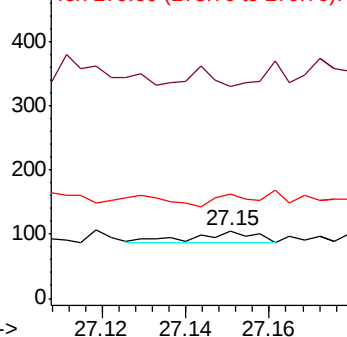
Lab File: BE098026.D

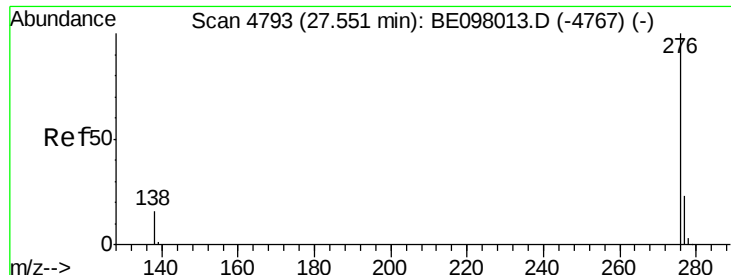
Acq: 23 Oct 2018 1:30

Tgt Ion:	278	Resp:	18
Ion	Ratio	Lower	Upper
278	100		
139	313.3	10.9	16.3#
279	155.2	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: 0.526 ng/ul

RT: 27.94 min Scan# 4903

Delta R.T. 0.39 min

Lab File: BE098026.D

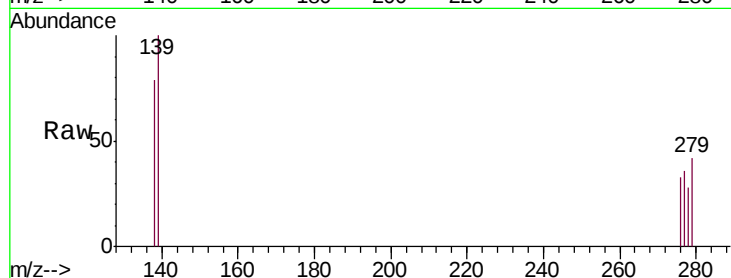
Acq: 23 Oct 2018 1:30

Instrument :

BNA_E

ClientSampleId :

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Tgt Ion:	276	Resp:	16
Ion	Ratio	Lower	Upper
276	100		
138	240.4	14.3	21.5#
277	108.7	19.5	29.3#

