

Data File : BE098117.D
Acq On : 31 Oct 2018 15:44
Operator : SJ/JU
Sample : PB114290BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SBLK90

Quant Time: Nov 01 01:45:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 01:42:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	972	0.40	ng/ul	0.00
2) Naphthalene-d8	10.67	136	4616	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	3325	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.39	188	329211	0.40	ng/ul	0.10
16) Chrysene-d12	21.61	240	20	0.40	ng/ul	0.14
20) Perylene-d12	24.32	264	31	0.40	ng/ul	0.30

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	1826	0.22	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

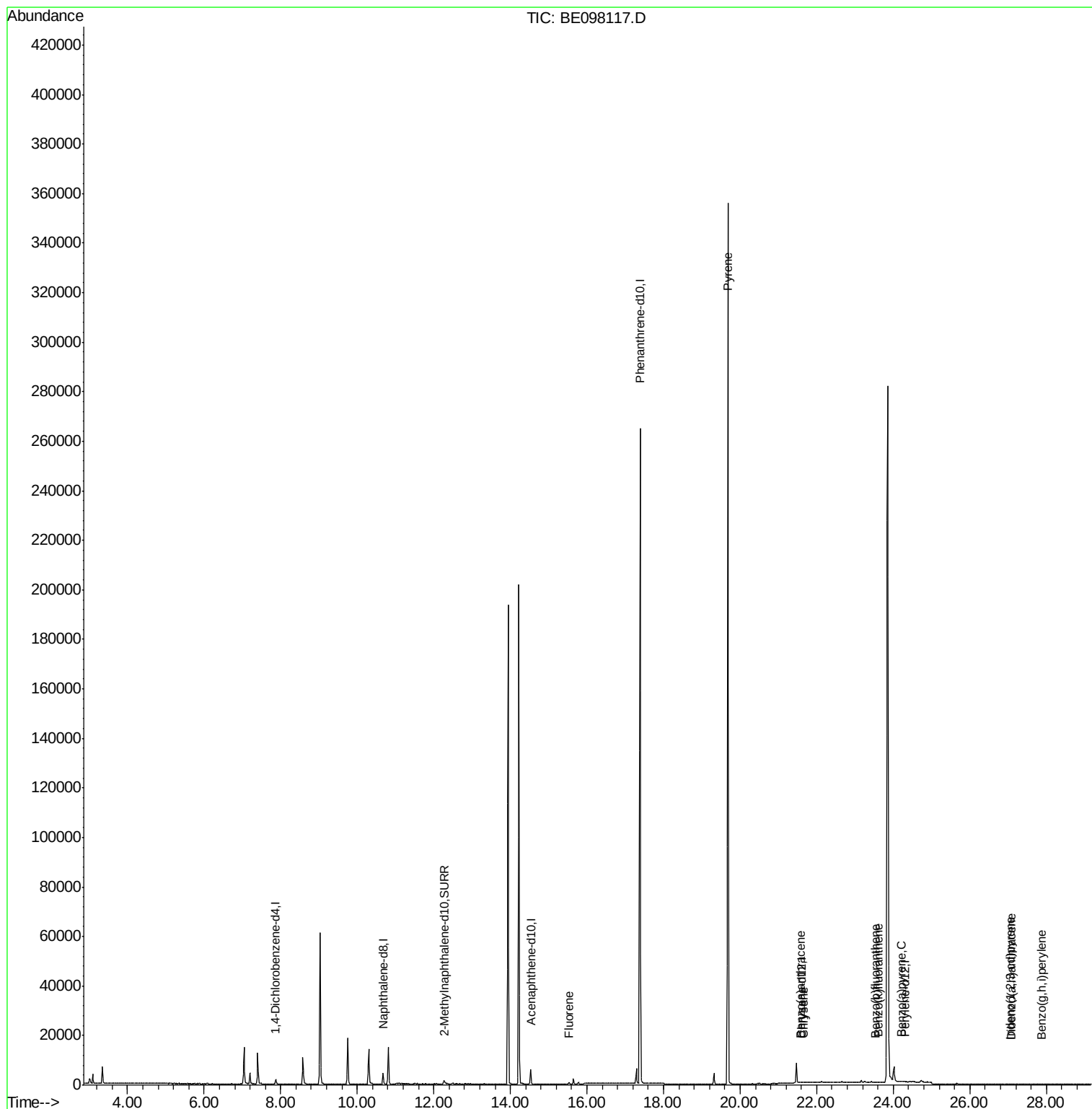
Target Compounds				Qvalue		
9) Fluorene	15.53	166	562	0.048	ng/ul#	17
17) Pyrene	19.68	202	553	11.842	ng/ul#	1
18) Benzo(a)anthracene	21.58	228	8	0.136	ng/ul#	1
19) Chrysene	21.66	228	14	0.308	ng/ul#	1
21) Benzo(b)fluoranthene	23.53	252	20	0.233	ng/ul#	1
22) Benzo(k)fluoranthene	23.60	252	9	0.107	ng/ul#	1
23) Benzo(a)pyrene	24.22	252	26	0.315	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	27.06	276	15	0.158	ng/ul#	87
25) Dibenzo(a,h)anthracene	27.09	278	10	0.127	ng/ul#	1
26) Benzo(g,h,i)perylene	27.87	276	11	0.138	ng/ul#	1

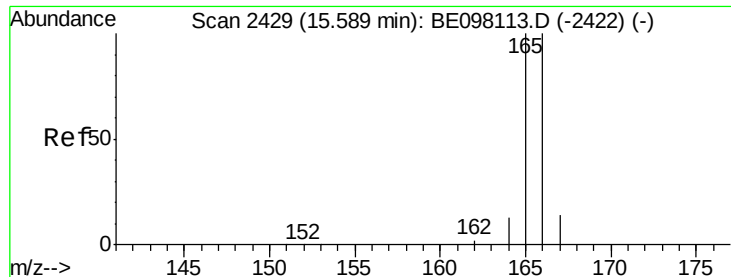
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Fluorene

Concen: 0.048 ng/ul

RT: 15.53 min Scan# 2418

Delta R.T. -0.06 min

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Acq: 31 Oct 2018 15:44

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BNA_E

ClientSampleId :

SBLK90

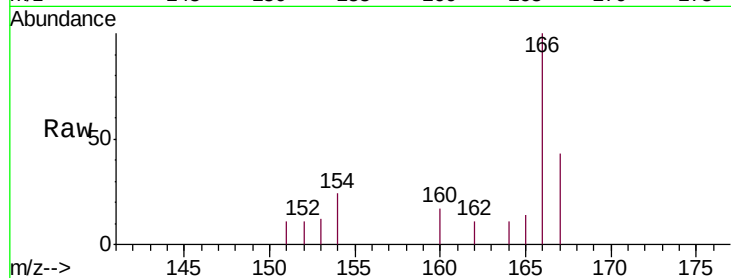
Tgt Ion:166 Resp: 562

Ion Ratio Lower Upper

166 100

165 14.3 80.2 120.4#

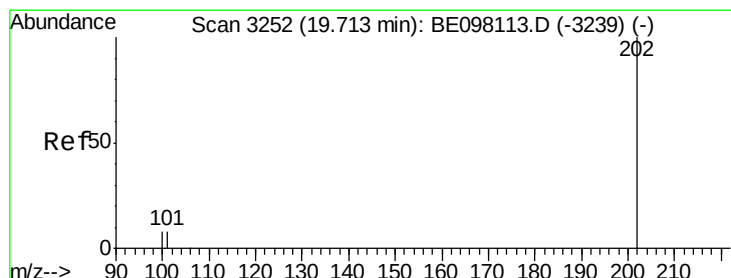
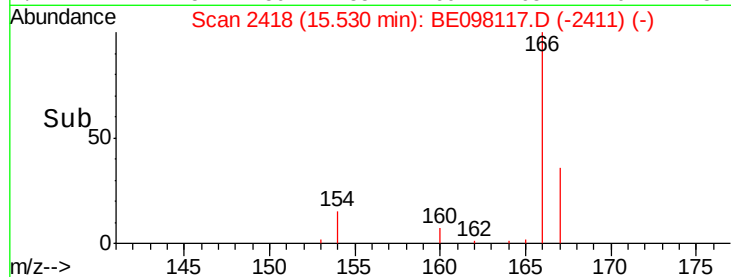
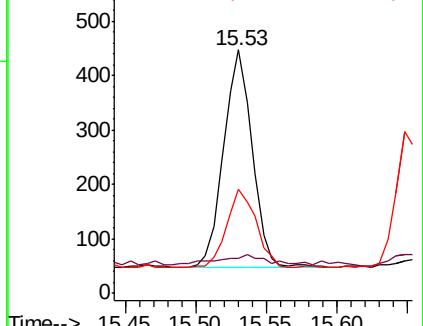
167 42.7 12.0 18.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#17

Pyrene

Concen: 11.842 ng/ul

RT: 19.68 min Scan# 3242

Delta R.T. -0.03 min

Lab File: BE098117.D

Acq: 31 Oct 2018 15:44

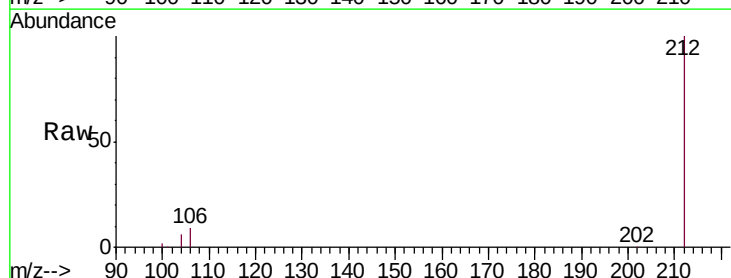
Tgt Ion:202 Resp: 553

Ion Ratio Lower Upper

202 100

101 165.6 6.9 10.3#

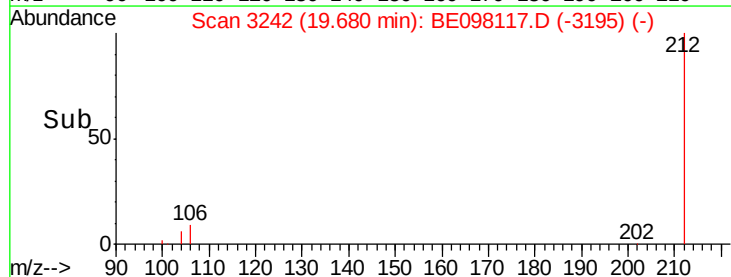
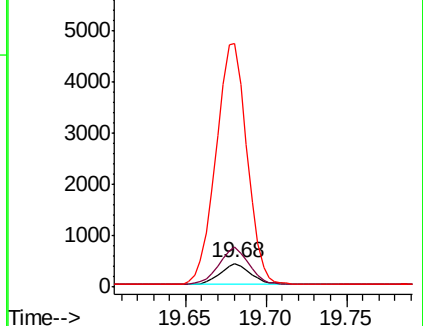
100 1020.0 6.0 9.0#

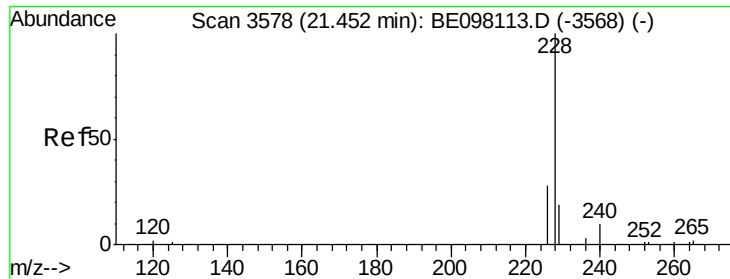


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#18

Benzo(a)anthracene

Concen: 0.136 ng/ul

RT: 21.58 min Scan# 3595

Delta R.T. 0.13 min

Lab File: BE098117.D

Acq: 31 Oct 2018 15:44

Instrument :

BNA_E

ClientSampleId :

SBLK90

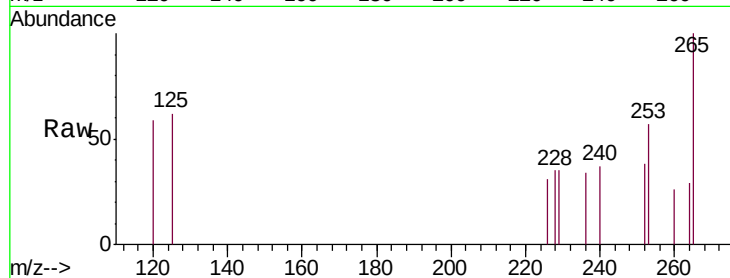
Tgt Ion:228 Resp: 8

Ion Ratio Lower Upper

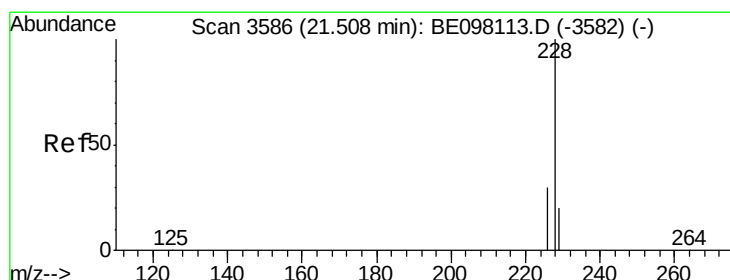
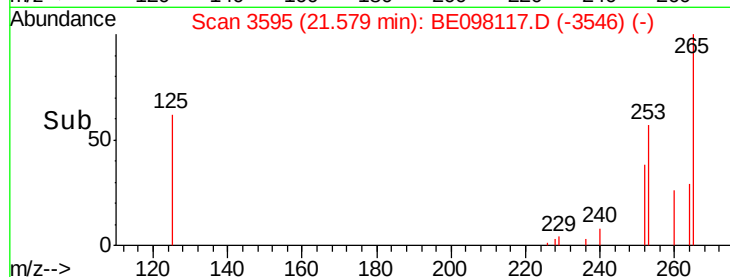
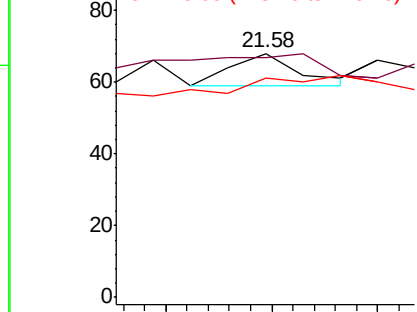
228 100

229 98.5 16.1 24.1#

226 89.7 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: 0.308 ng/ul

RT: 21.66 min Scan# 3607

Delta R.T. 0.16 min

Lab File: BE098117.D

Acq: 31 Oct 2018 15:44

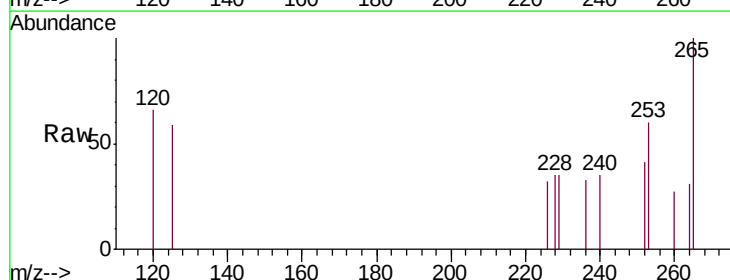
Tgt Ion:228 Resp: 14

Ion Ratio Lower Upper

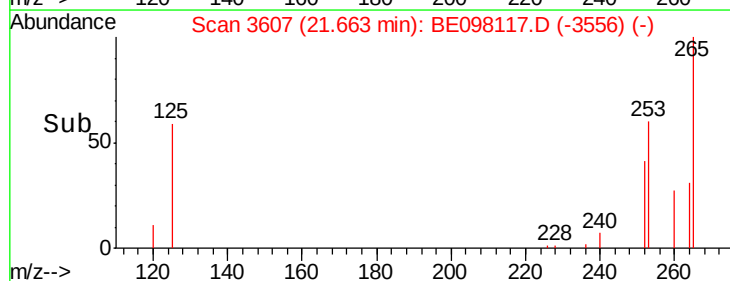
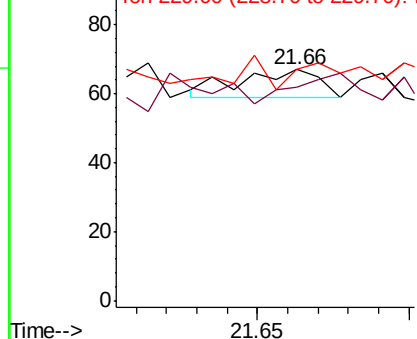
228 100

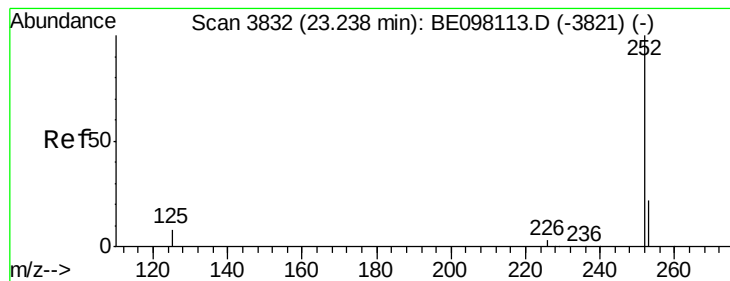
226 92.5 24.6 37.0#

229 100.0 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: 0.233 ng/ul

RT: 23.53 min Scan# 3872

Delta R.T. 0.29 min

Lab File: BE098117.D

Acq: 31 Oct 2018 15:44

Instrument :

BNA_E

ClientSampleId :

SBLK90

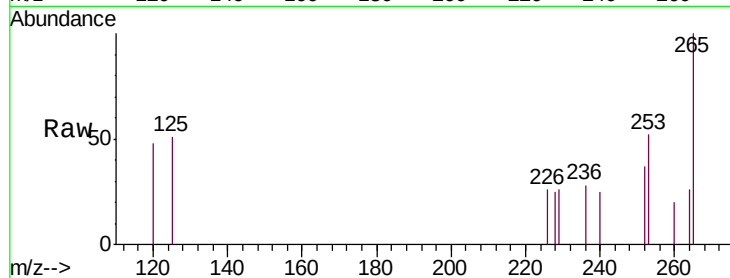
Tgt Ion:252 Resp: 20

Ion Ratio Lower Upper

252 100

253 140.6 0.0 47.8#

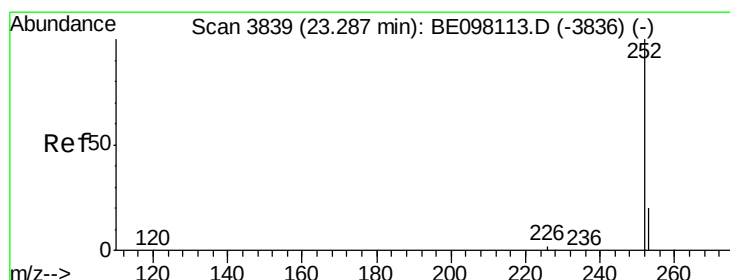
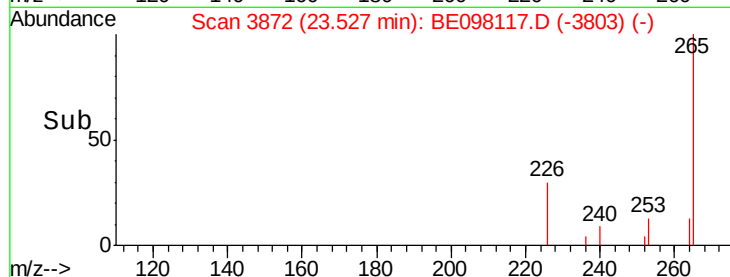
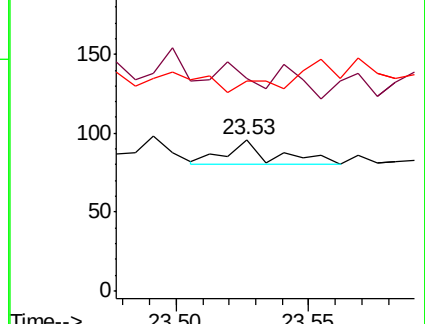
125 138.5 0.0 16.8#



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: 0.107 ng/ul

RT: 23.60 min Scan# 3882

Delta R.T. 0.31 min

Lab File: BE098117.D

Acq: 31 Oct 2018 15:44

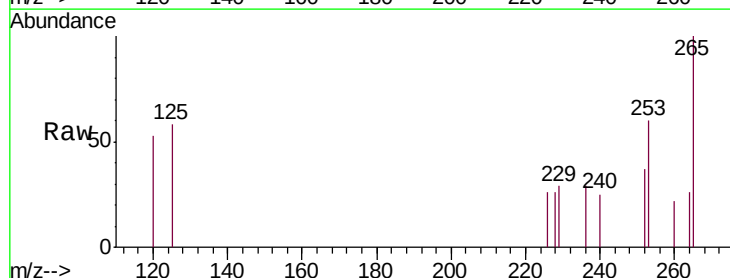
Tgt Ion:252 Resp: 9

Ion Ratio Lower Upper

252 100

253 162.4 19.3 28.9#

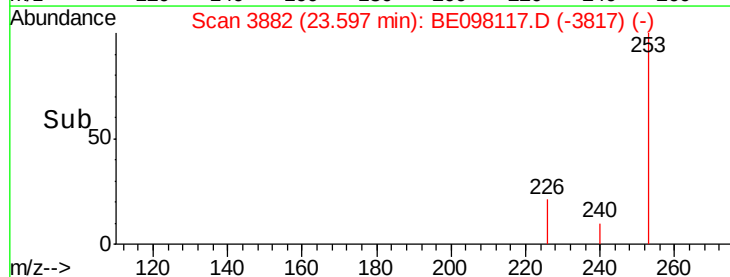
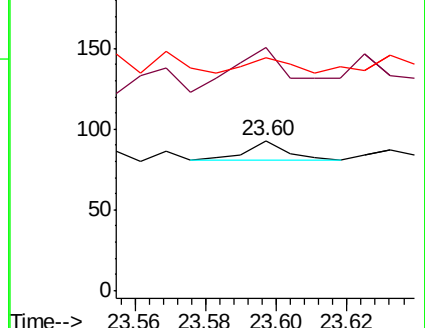
125 154.8 6.2 9.2#

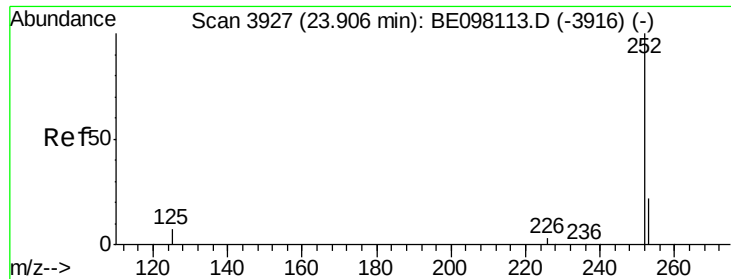


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.315 ng/ul

RT: 24.22 min Scan# 3970

Delta R.T. 0.31 min

Lab File: BE098117.D

Acq: 31 Oct 2018 15:44

Instrument :

BNA_E

ClientSampleId :

SBLK90

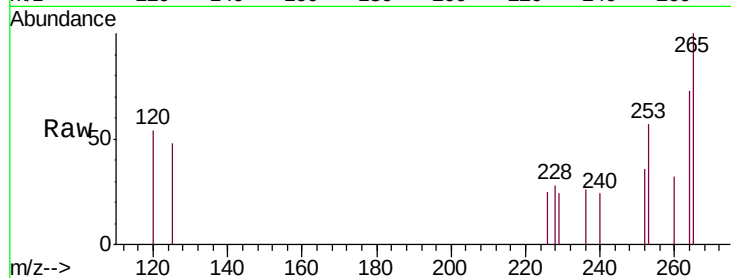
Tgt Ion: 252 Resp: 26

Ion Ratio Lower Upper

252 100

253 159.4 19.4 29.2#

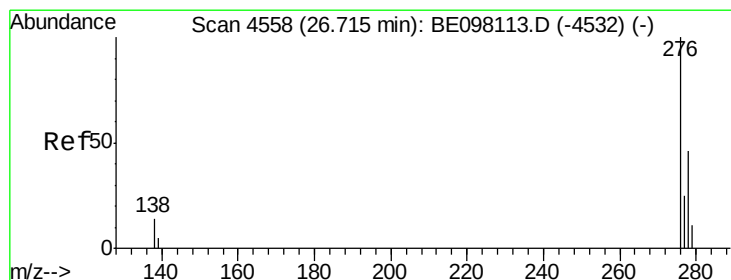
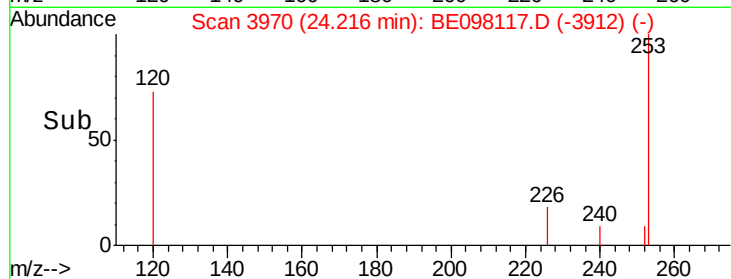
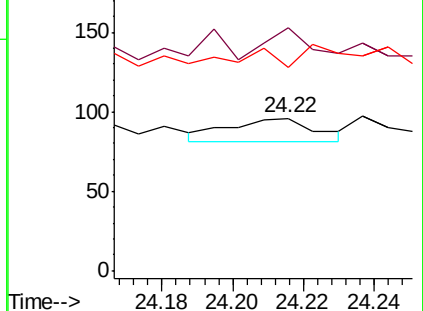
125 133.3 7.8 11.8#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.158 ng/ul

RT: 27.06 min Scan# 4653

Delta R.T. 0.34 min

Lab File: BE098117.D

Acq: 31 Oct 2018 15:44

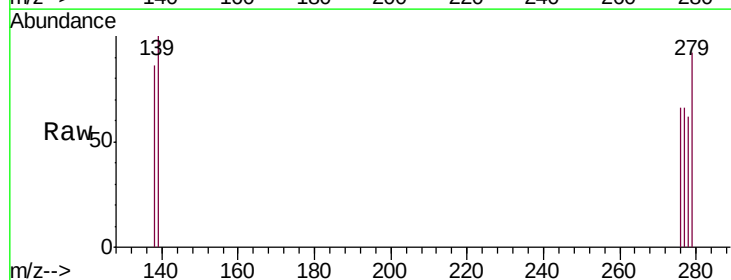
Tgt Ion: 276 Resp: 15

Ion Ratio Lower Upper

276 100

138 20.0 11.8 17.8#

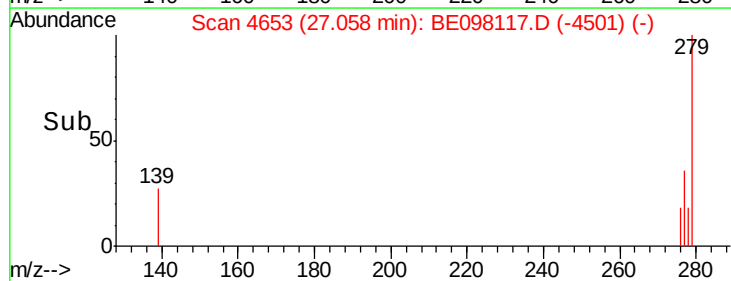
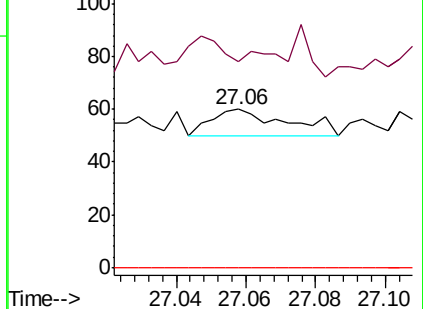
227 0.0 0.0 0.0

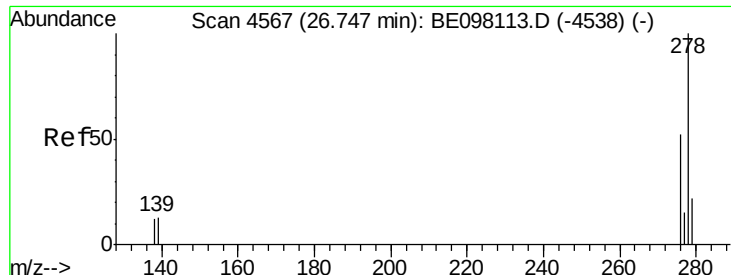


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



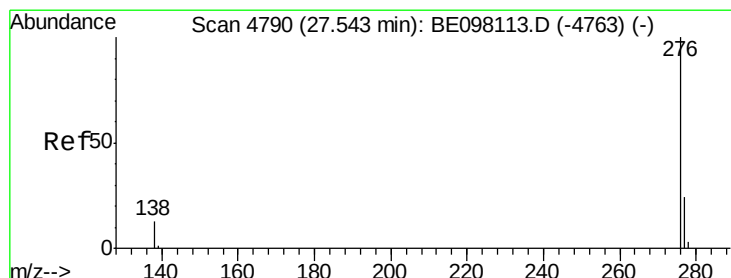
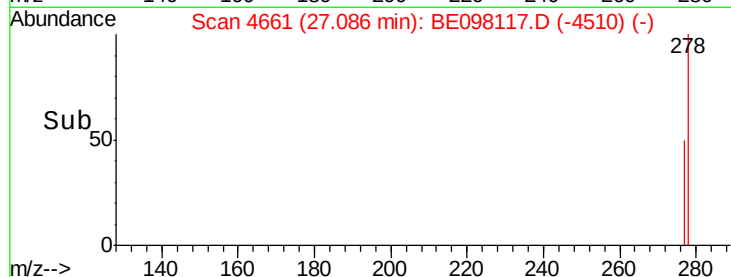
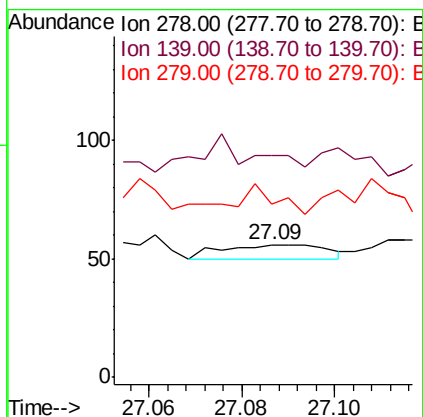
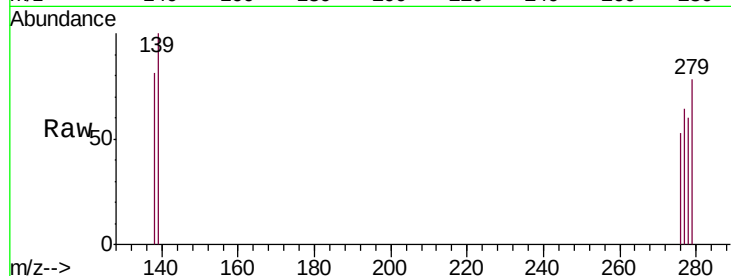


#25
Dibenzo(a,h)anthracene
Concen: 0.127 ng/ul
RT: 27.09 min Scan# 4661
Delta R.T. 0.34 min
Lab File: BE098117.D
Acq: 31 Oct 2018 15:44

Instrument :
BNA_E
ClientSampleId :
SBLK90

Tgt Ion: 278 Resp: 10

Ion	Ratio	Lower	Upper
278	100		
139	167.9	10.0	15.0#
279	130.4	20.3	30.5#



#26
Benzo(g,h,i)perylene
Concen: 0.138 ng/ul
RT: 27.87 min Scan# 4882
Delta R.T. 0.33 min
Lab File: BE098117.D
Acq: 31 Oct 2018 15:44

Tgt Ion: 276 Resp: 11

Ion	Ratio	Lower	Upper
276	100		
138	138.3	11.6	17.4#
277	111.7	20.8	31.2#

