

Data File : BE098123.D
Acq On : 31 Oct 2018 19:31
Operator : SJ/JU
Sample : J5701-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A40C1

Quant Time: Nov 01 02:14:38 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 02:11:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	996	0.40	ng/ul	0.00
2) Naphthalene-d8	10.67	136	4835	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	3638	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.39	188	616701	0.40	ng/ul	0.10
16) Chrysene-d12	21.59	240	20	0.40	ng/ul	0.12
20) Perylene-d12	24.31	264	46	0.40	ng/ul	0.29

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	3371	0.39	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

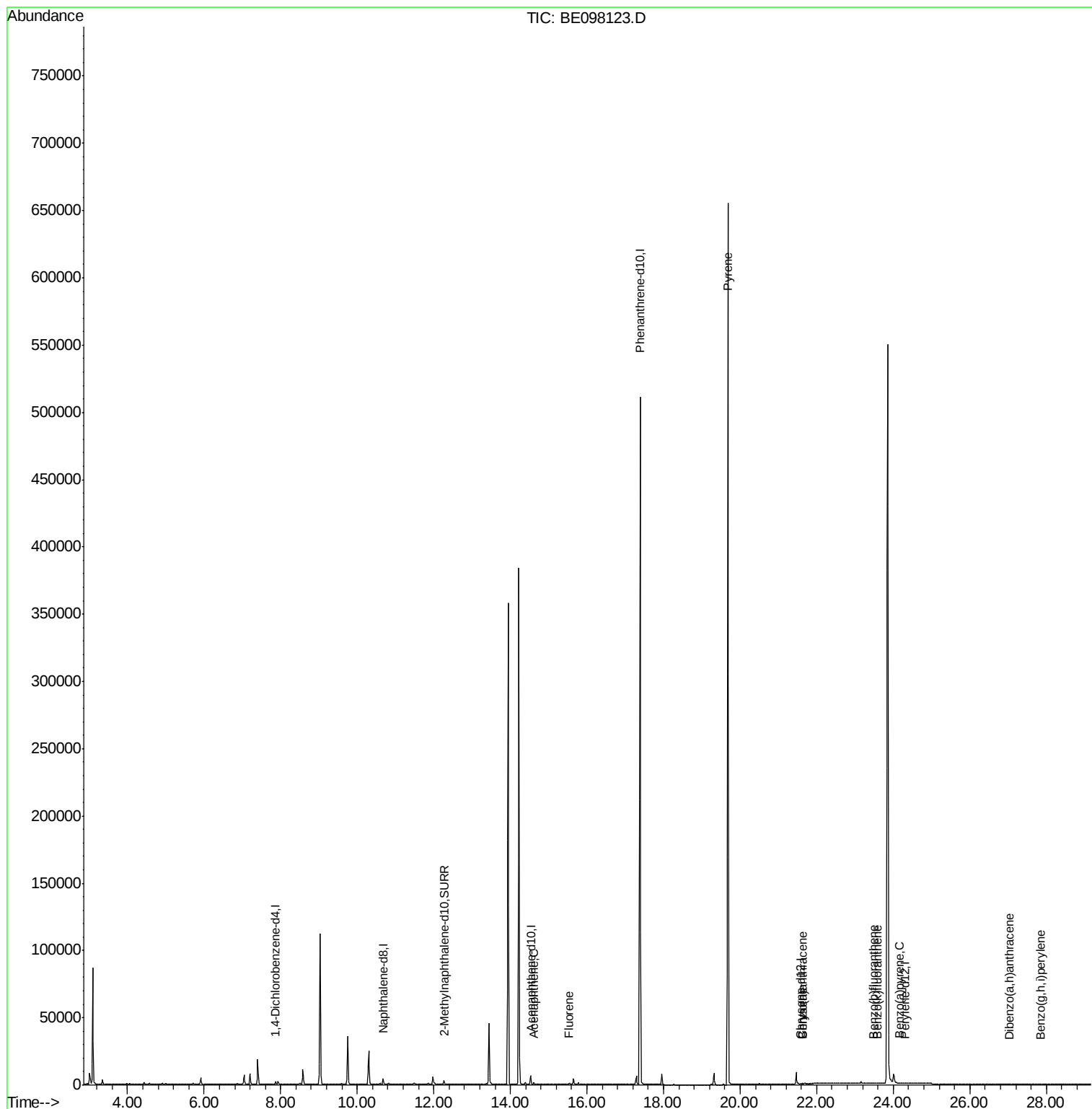
Target Compounds				Qvalue		
8) Acenaphthene	14.61	153	1449	0.135	ng/ul#	26
9) Fluorene	15.53	166	1024	0.079	ng/ul#	18
17) Pyrene	19.68	202	1049	22.463	ng/ul#	1
18) Benzo(a)anthracene	21.61	228	14	0.238	ng/ul#	1
19) Chrysene	21.61	228	14	0.308	ng/ul#	1
21) Benzo(b)fluoranthene	23.49	252	25	0.196	ng/ul#	1
22) Benzo(k)fluoranthene	23.57	252	26	0.208	ng/ul#	1
23) Benzo(a)pyrene	24.17	252	17	0.139	ng/ul#	1
25) Dibenzo(a,h)anthracene	27.03	278	27	0.231	ng/ul#	1
26) Benzo(g,h,i)perylene	27.86	276	13	0.110	ng/ul#	1

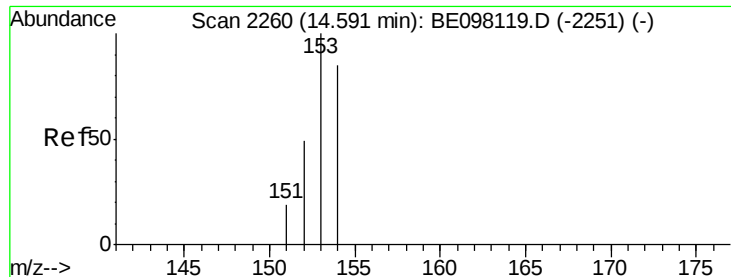
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Acenaphthene

Concen: 0.135 ng/ul

RT: 14.61 min Scan# 2262

Delta R.T. 0.02 min

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Acq: 31 Oct 2018 19:31

Instrument :

BNA_E

ClientSampleId :

A40C1

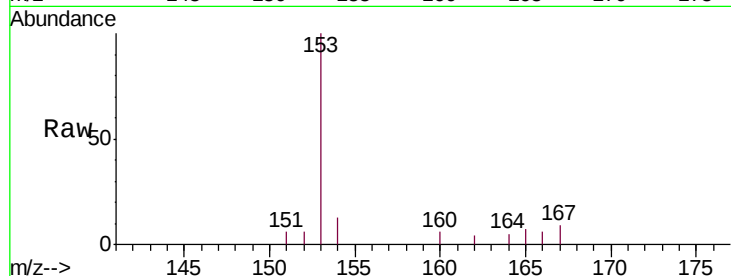
Tgt Ion:153 Resp: 1449

Ion Ratio Lower Upper

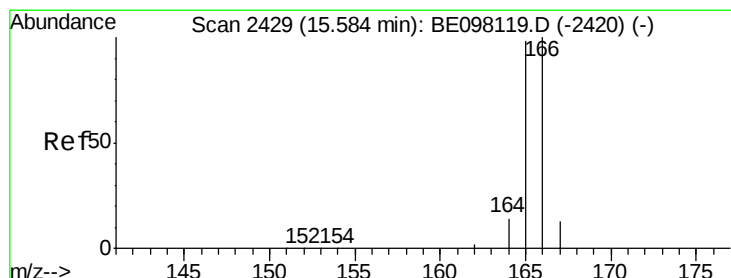
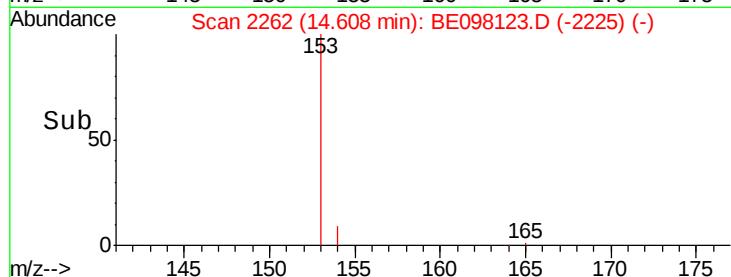
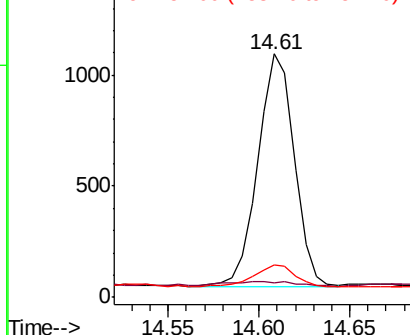
153 100

152 6.1 39.4 59.0#

154 13.2 70.5 105.7#



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#9

Fluorene

Concen: 0.079 ng/ul

RT: 15.53 min Scan# 2419

Delta R.T. -0.05 min

Lab File: BE098123.D

Acq: 31 Oct 2018 19:31

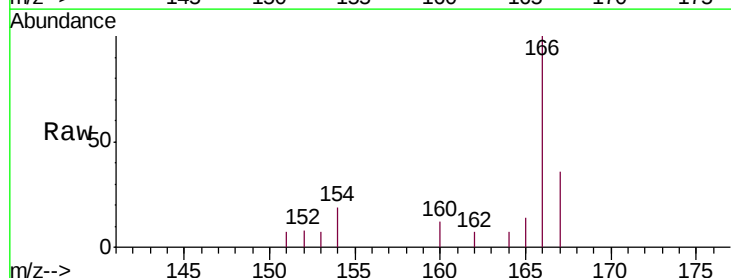
Tgt Ion:166 Resp: 1024

Ion Ratio Lower Upper

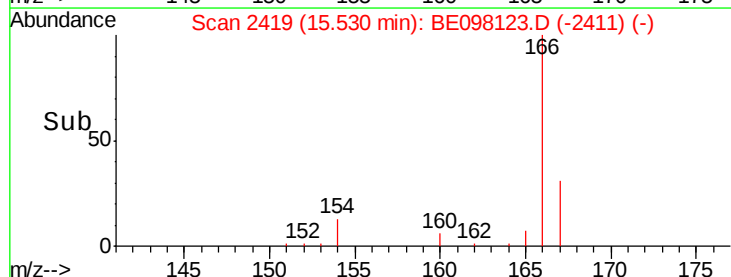
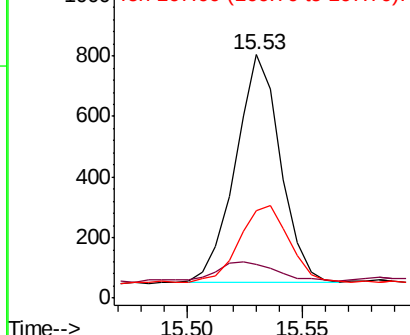
166 100

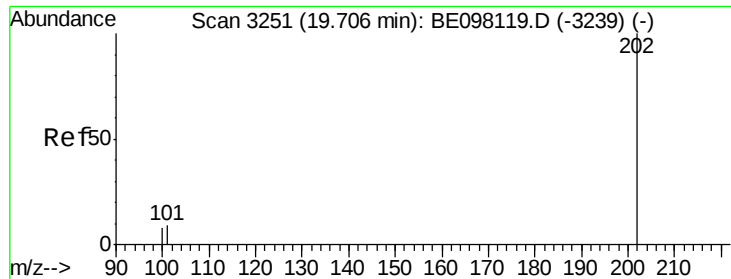
165 13.9 80.2 120.4#

167 35.9 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

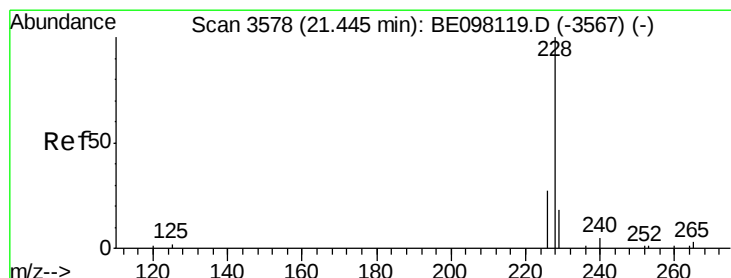
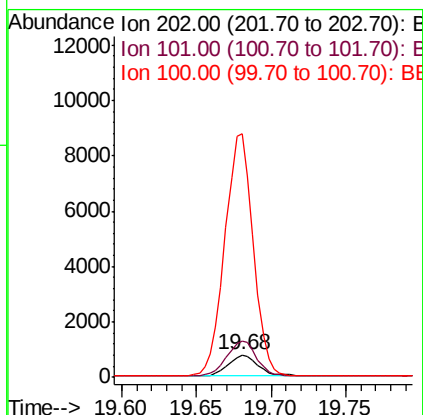
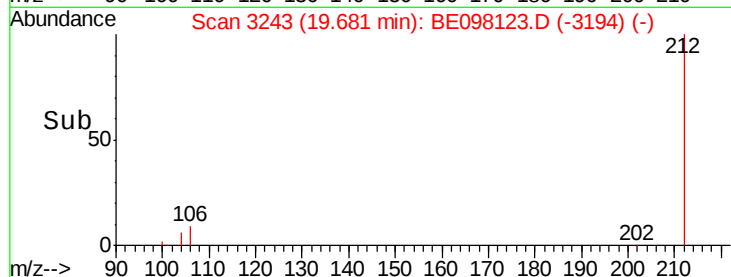
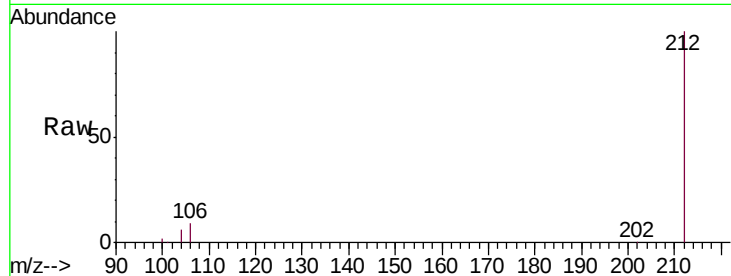




#17
Pyrene
Concen: 22.463 ng/ul
RT: 19.68 min Scan# 3243
Delta R.T. -0.02 min
Lab File: BE098123.D
Acq: 31 Oct 2018 19:31

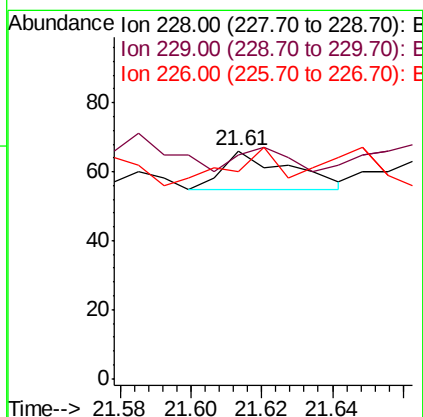
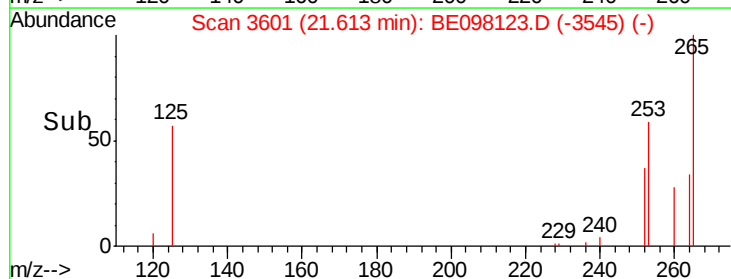
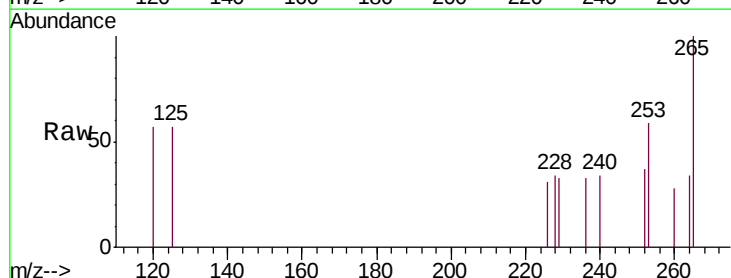
Instrument :
BNA_E
ClientSampleId :
A40C1

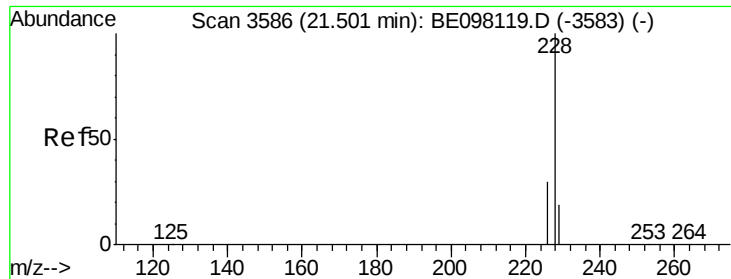
Tgt Ion:202 Resp: 1049
Ion Ratio Lower Upper
202 100
101 165.3 6.9 10.3#
100 1090.8 6.0 9.0#



#18
Benzo(a)anthracene
Concen: 0.238 ng/ul
RT: 21.61 min Scan# 3601
Delta R.T. 0.17 min
Lab File: BE098123.D
Acq: 31 Oct 2018 19:31

Tgt Ion:228 Resp: 14
Ion Ratio Lower Upper
228 100
229 98.5 16.1 24.1#
226 90.9 22.2 33.4#





#19

Chrysene

Concen: 0.308 ng/u1

RT: 21.61 min Scan# 3601

Delta R.T. 0.11 min

Lab File: BE098123.D

Acq: 31 Oct 2018 19:31

Instrument :

BNA_E

ClientSampleId :

A40C1

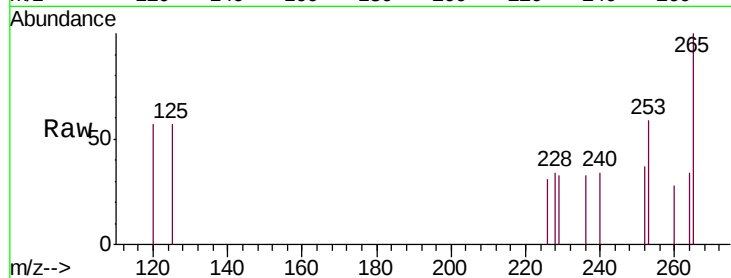
Tgt Ion:228 Resp: 14

Ion Ratio Lower Upper

228 100

226 90.9 24.6 37.0#

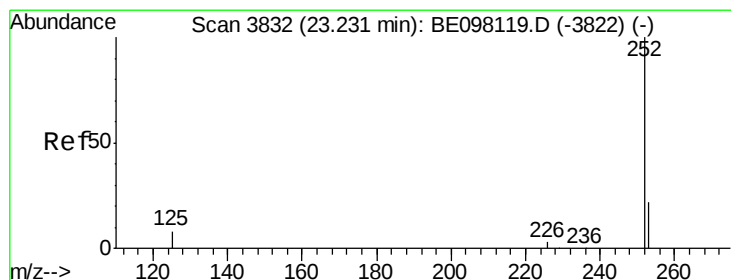
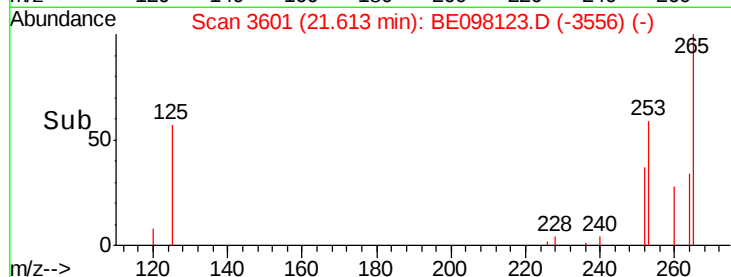
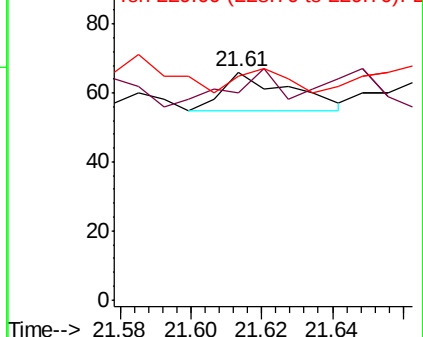
229 98.5 16.4 24.6#



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: 0.196 ng/u1

RT: 23.49 min Scan# 3868

Delta R.T. 0.26 min

Lab File: BE098123.D

Acq: 31 Oct 2018 19:31

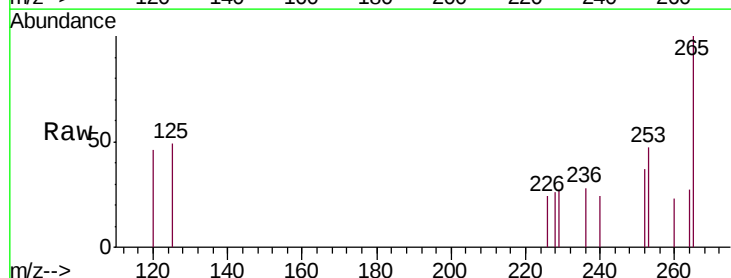
Tgt Ion:252 Resp: 25

Ion Ratio Lower Upper

252 100

253 128.7 0.0 47.8#

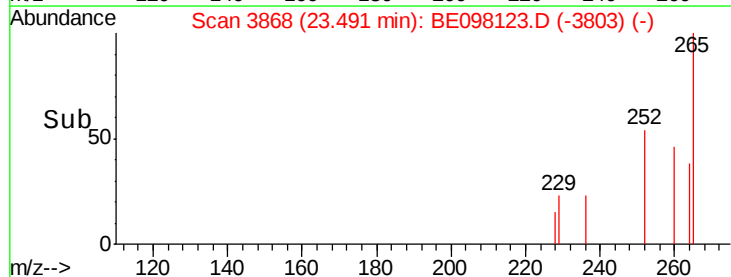
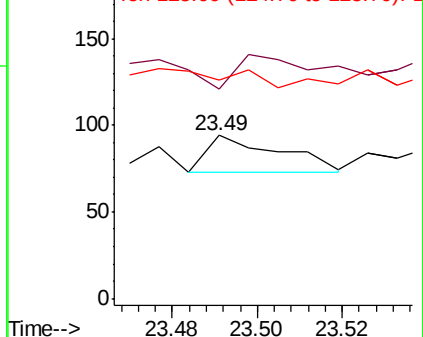
125 134.0 0.0 16.8#

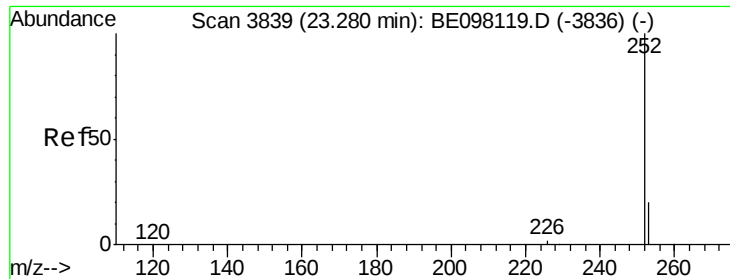


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.208 ng/ul

RT: 23.57 min Scan# 3879

Delta R.T. 0.29 min

Lab File: BE098123.D

Acq: 31 Oct 2018 19:31

Instrument :

BNA_E

ClientSampleId :

A40C1

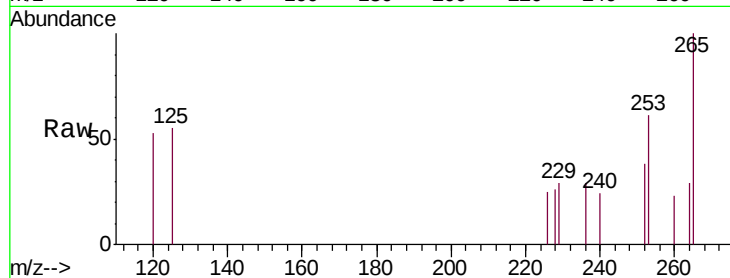
Tgt Ion:252 Resp: 26

Ion Ratio Lower Upper

252 100

253 162.9 19.3 28.9#

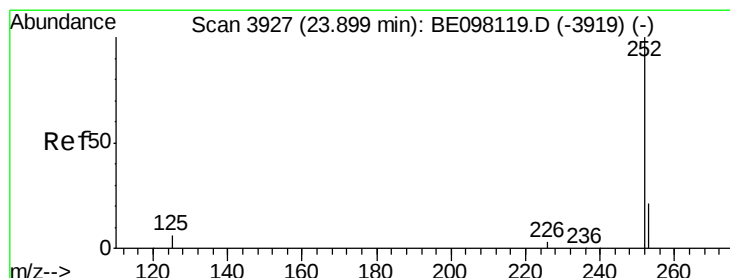
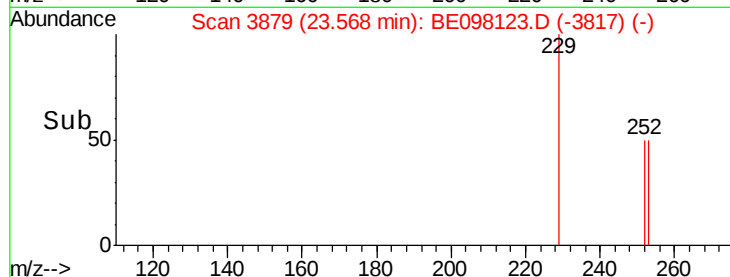
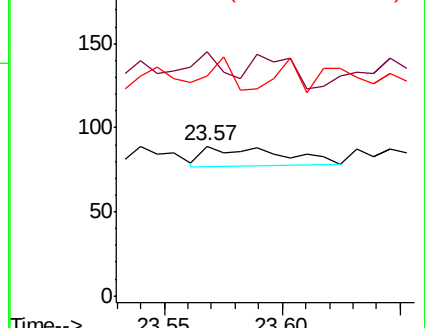
125 147.2 6.2 9.2#



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: 0.139 ng/ul

RT: 24.17 min Scan# 3965

Delta R.T. 0.27 min

Lab File: BE098123.D

Acq: 31 Oct 2018 19:31

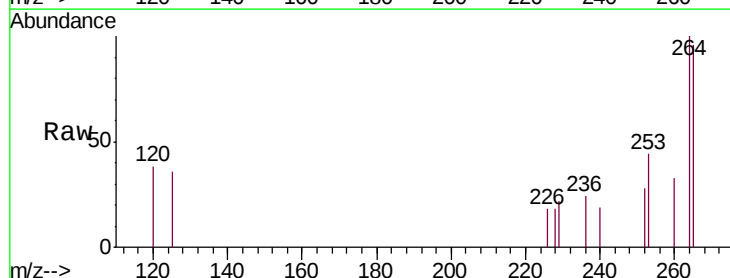
Tgt Ion:252 Resp: 17

Ion Ratio Lower Upper

252 100

253 155.3 19.4 29.2#

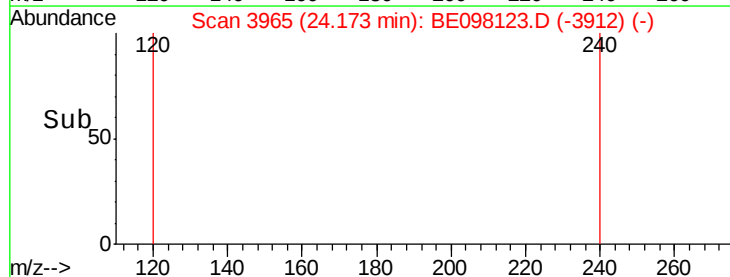
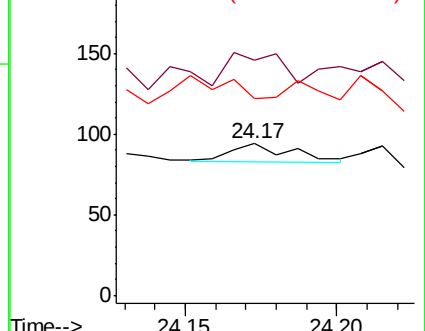
125 129.8 7.8 11.8#

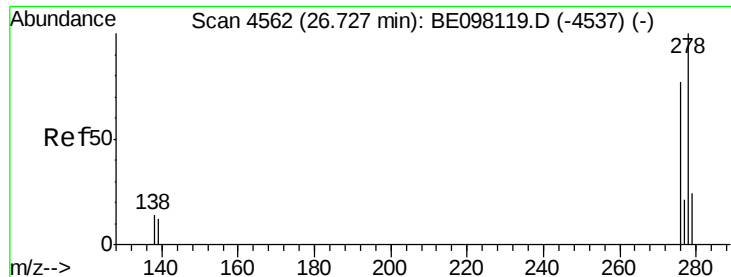


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.231 ng/ul

RT: 27.03 min Scan# 4645

Delta R.T. 0.30 min

Lab File: BE098123.D

Acq: 31 Oct 2018 19:31

Instrument :

BNA_E

ClientSampleId :

A40C1

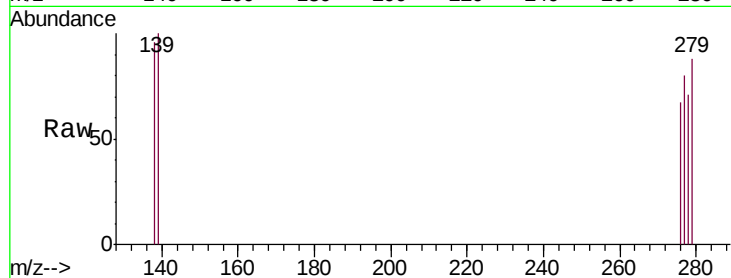
Tgt Ion: 278 Resp: 27

Ion Ratio Lower Upper

278 100

139 141.4 10.0 15.0#

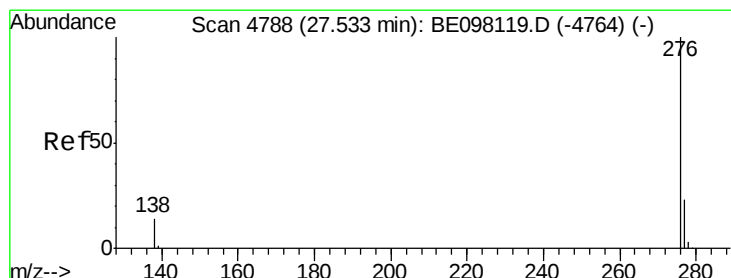
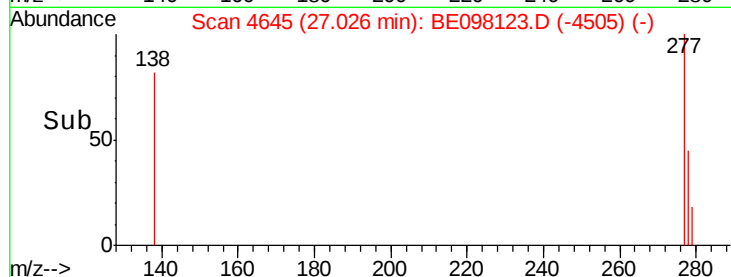
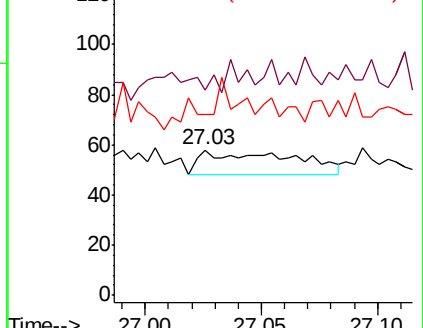
279 124.1 20.3 30.5#



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: 0.110 ng/ul

RT: 27.86 min Scan# 4880

Delta R.T. 0.33 min

Lab File: BE098123.D

Acq: 31 Oct 2018 19:31

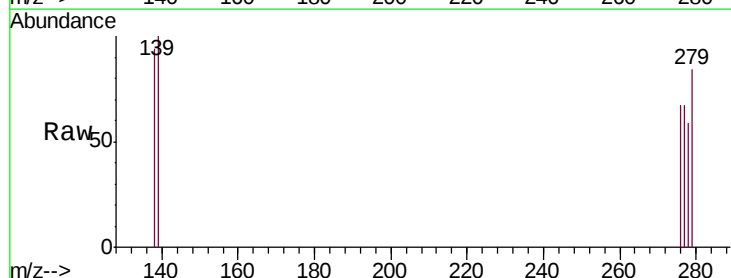
Tgt Ion: 276 Resp: 13

Ion Ratio Lower Upper

276 100

138 141.4 11.6 17.4#

277 100.0 20.8 31.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

