

Data File : BE098126.D
Acq On : 31 Oct 2018 21:21
Operator : SJ/JU
Sample : J5657-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A40E5

Quant Time: Nov 01 02:15:05 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	1069	0.40	ng/ul	0.00
2) Naphthalene-d8	10.67	136	5258	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	3693	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.38	188	454377	0.40	ng/ul	0.10
16) Chrysene-d12	21.58	240	16	0.40	ng/ul	0.12
20) Perylene-d12	24.31	264	212	0.40	ng/ul	0.29

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	2712	0.29	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

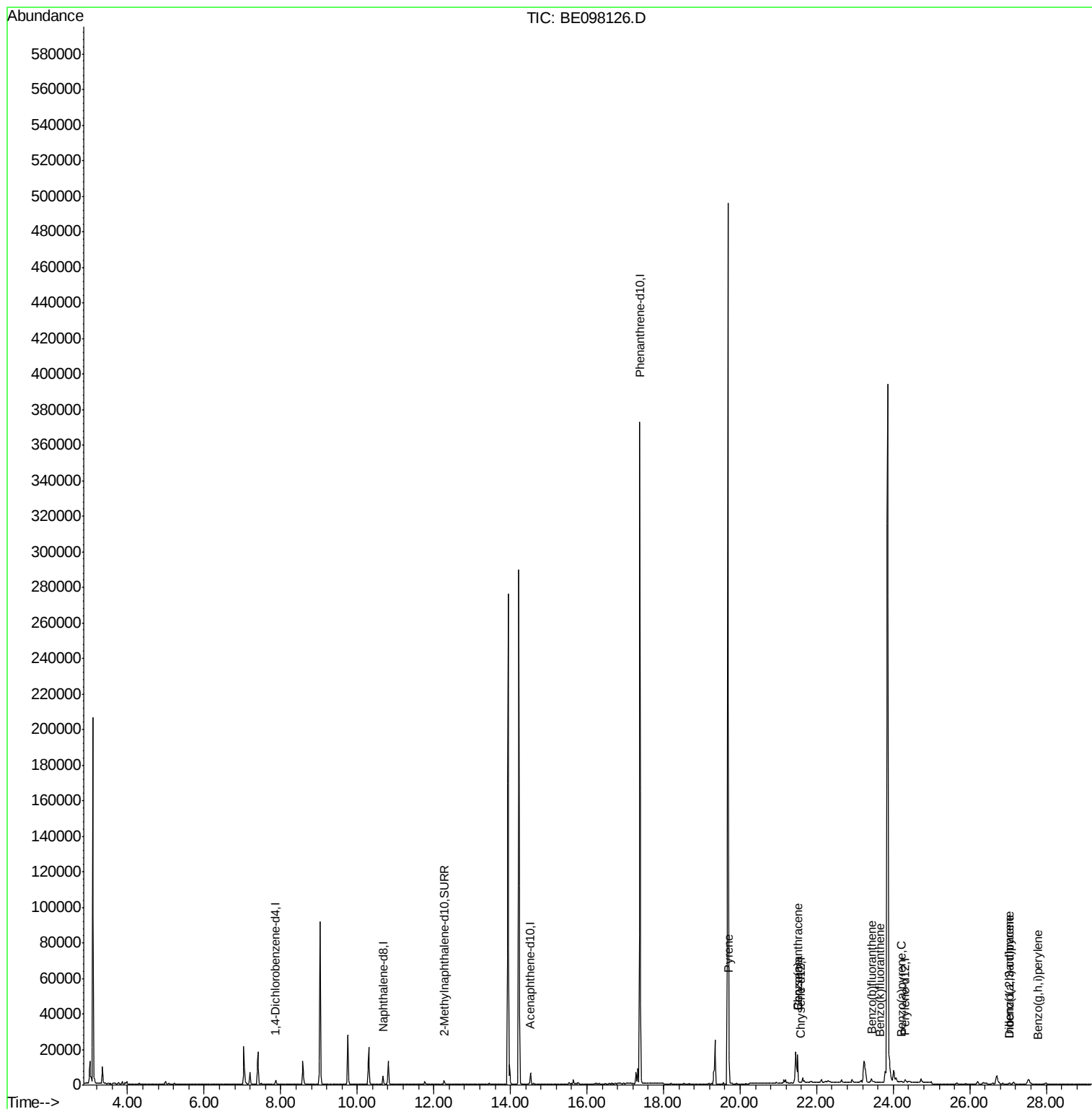
Target Compounds				Qvalue		
17) Pyrene	19.71	202	25027	669.912	ng/ul	99
18) Benzo(a)anthracene	21.50	228	16187	344.087	ng/ul	96
19) Chrysene	21.50	228	16108	442.639	ng/ul	99
21) Benzo(b)fluoranthene	23.43	252	2548	4.338	ng/ul#	48
22) Benzo(k)fluoranthene	23.66	252	189	0.329	ng/ul#	1
23) Benzo(a)pyrene	24.22	252	256	0.453	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	27.04	276	386	0.596	ng/ul#	70
25) Dibenzo(a,h)anthracene	27.03	278	1508	2.795	ng/ul#	71
26) Benzo(g,h,i)perylene	27.79	276	87	0.160	ng/ul#	1

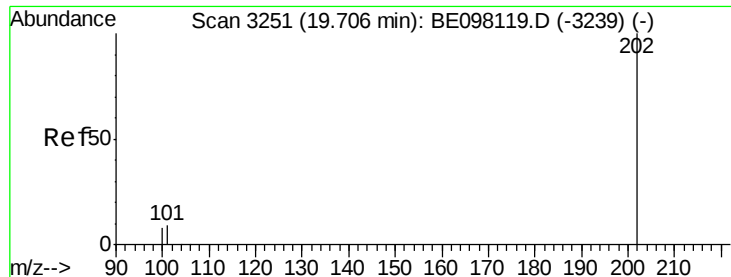
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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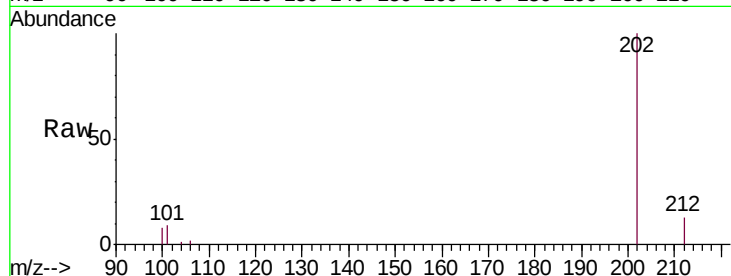




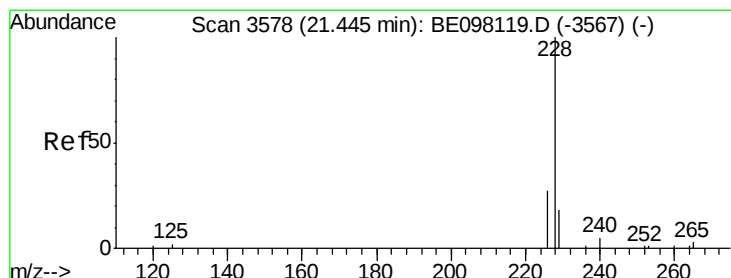
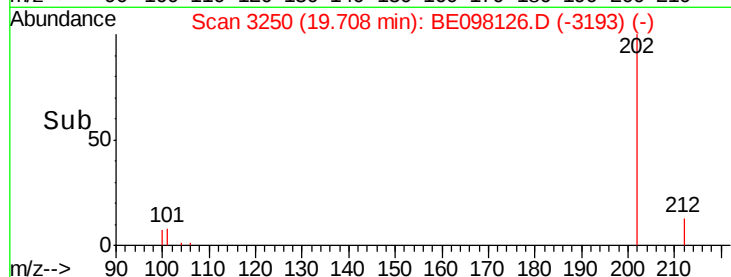
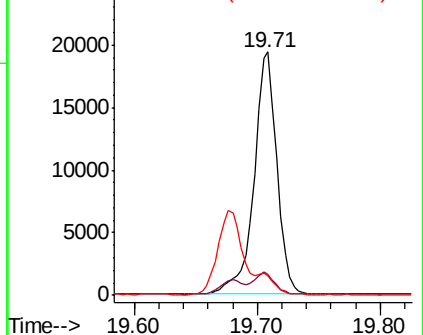
#17
Pyrene
Concen: 669.912 ng/ul
RT: 19.71 min Scan# 3250
Delta R.T. 0.00 min
Lab File: BE098126.D
Acq: 31 Oct 2018 21:21

Instrument :
BNA_E
ClientSampleId :
A40E5

Tgt Ion:202 Resp: 25027
Ion Ratio Lower Upper
202 100
101 8.5 6.9 10.3
100 7.8 6.0 9.0

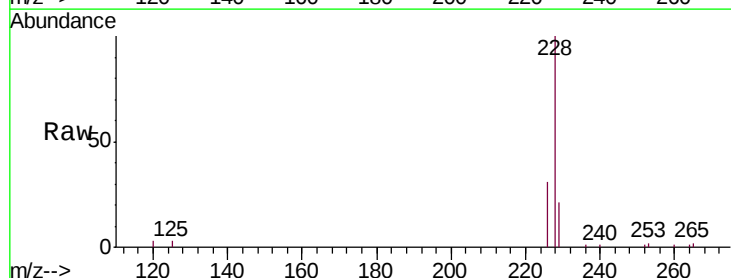


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): BE

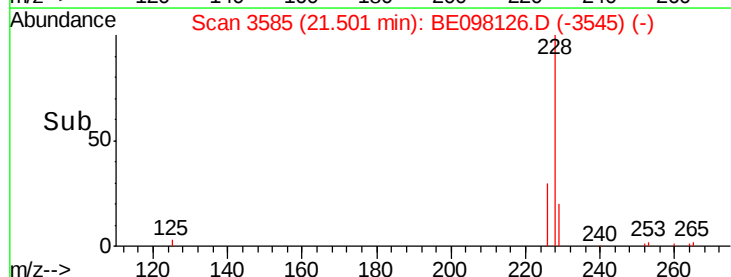
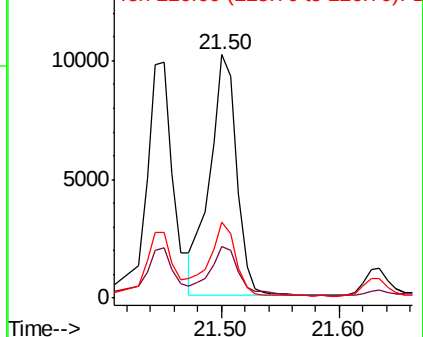


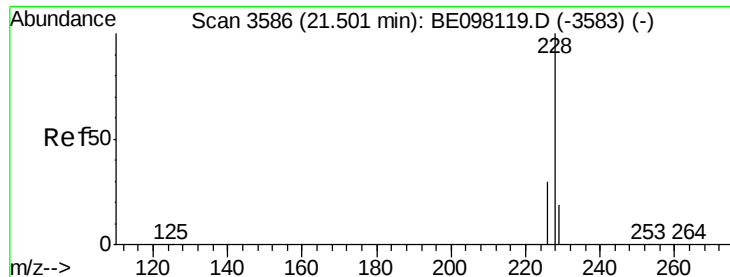
#18
Benzo(a)anthracene
Concen: 344.087 ng/ul
RT: 21.50 min Scan# 3585
Delta R.T. 0.06 min
Lab File: BE098126.D
Acq: 31 Oct 2018 21:21

Tgt Ion:228 Resp: 16187
Ion Ratio Lower Upper
228 100
229 21.0 16.1 24.1
226 31.1 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: 442.639 ng/ul

RT: 21.50 min Scan# 3585

Delta R.T. -0.00 min

Lab File: BE098126.D

Acq: 31 Oct 2018 21:21

Instrument :

BNA_E

ClientSampleId :

A40E5

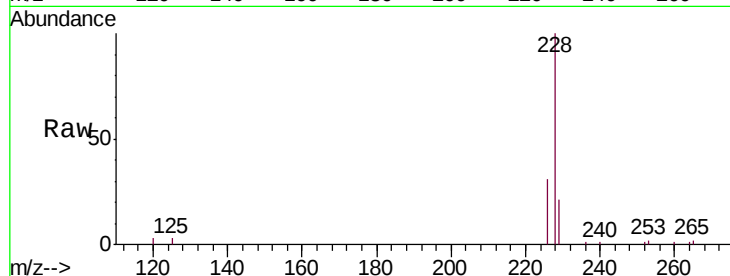
Tgt Ion:228 Resp: 16108

Ion Ratio Lower Upper

228 100

226 31.1 24.6 37.0

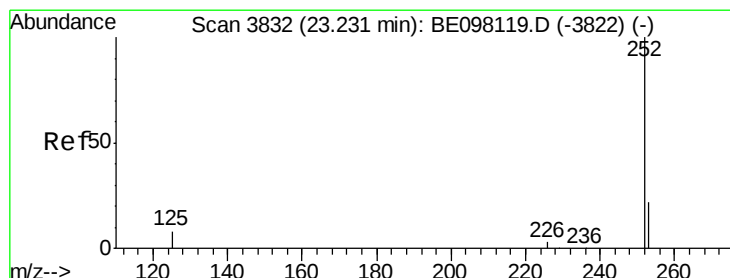
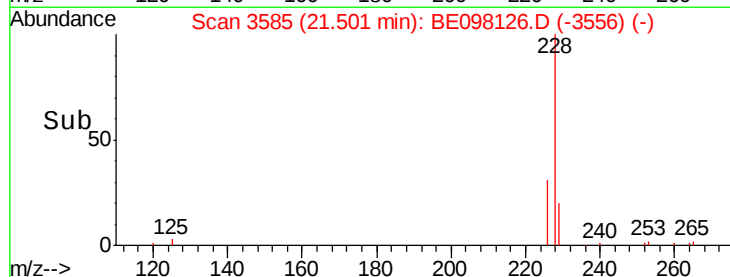
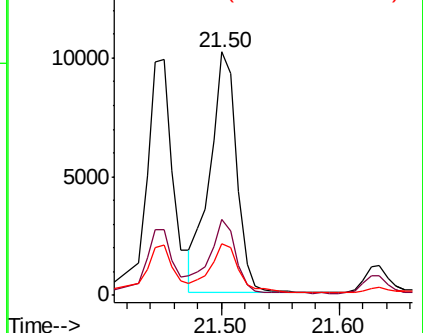
229 21.0 16.4 24.6



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: 4.338 ng/ul

RT: 23.43 min Scan# 3859

Delta R.T. 0.20 min

Lab File: BE098126.D

Acq: 31 Oct 2018 21:21

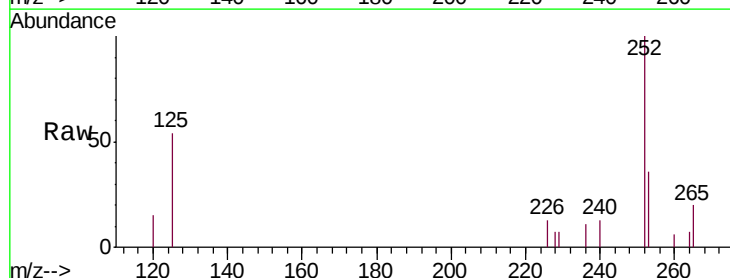
Tgt Ion:252 Resp: 2548

Ion Ratio Lower Upper

252 100

253 36.4 0.0 47.8

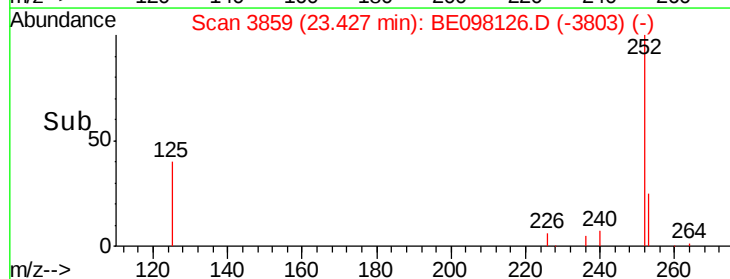
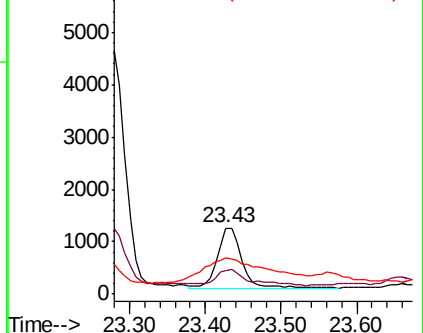
125 54.2 0.0 16.8#

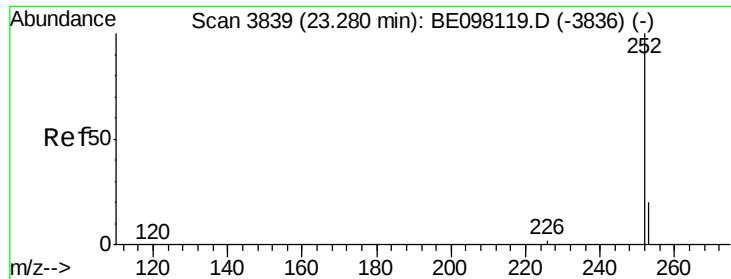


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.329 ng/ul

RT: 23.66 min Scan# 3892

Delta R.T. 0.38 min

Lab File: BE098126.D

Acq: 31 Oct 2018 21:21

Instrument :

BNA_E

ClientSampleId :

A40E5

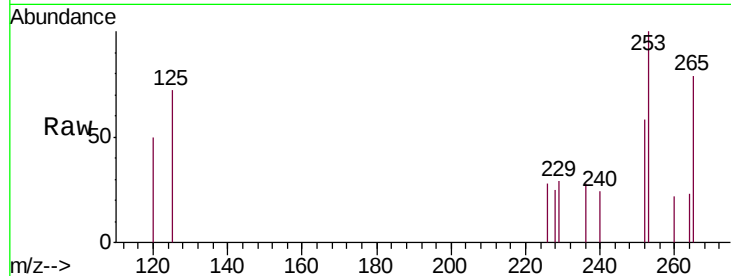
Tgt Ion:252 Resp: 189

Ion Ratio Lower Upper

252 100

253 172.8 19.3 28.9#

125 125.1 6.2 9.2#

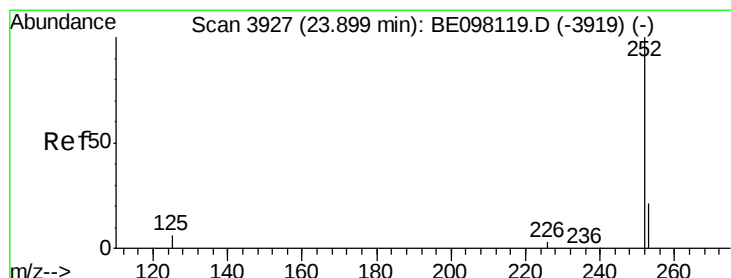
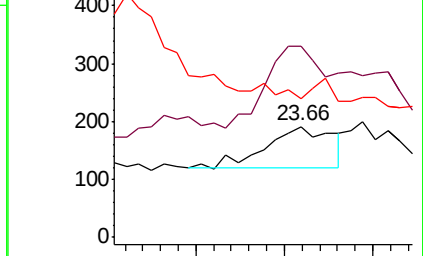
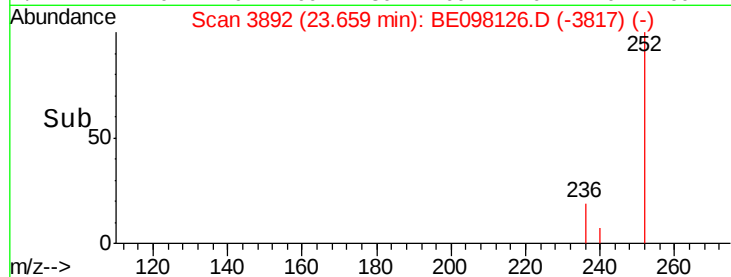


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



#23

Benzo(a)pyrene

Concen: 0.453 ng/ul

RT: 24.22 min Scan# 3972

Delta R.T. 0.32 min

Lab File: BE098126.D

Acq: 31 Oct 2018 21:21

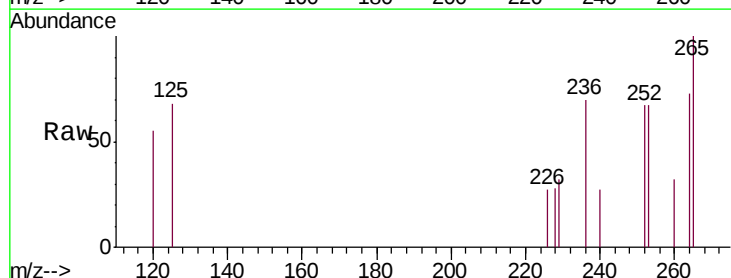
Tgt Ion:252 Resp: 256

Ion Ratio Lower Upper

252 100

253 99.5 19.4 29.2#

125 100.9 7.8 11.8#

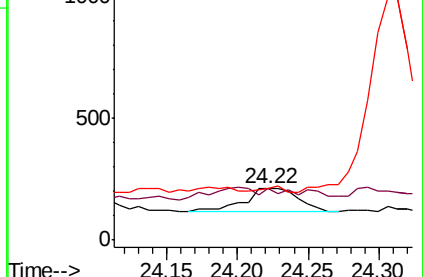
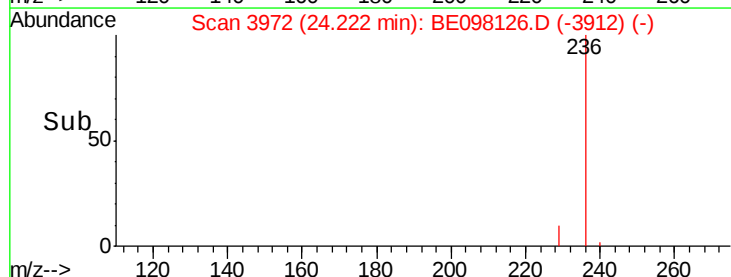


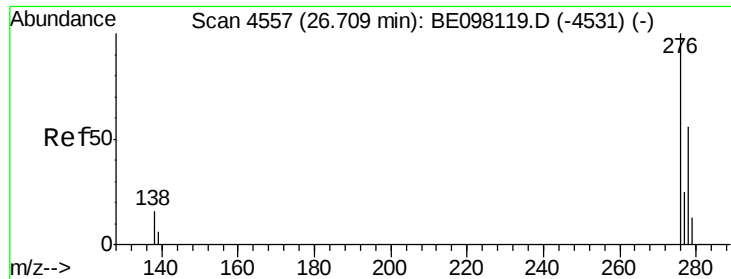
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.596 ng/ul

RT: 27.04 min Scan# 4649

Delta R.T. 0.33 min

Lab File: BE098126.D

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A40E5

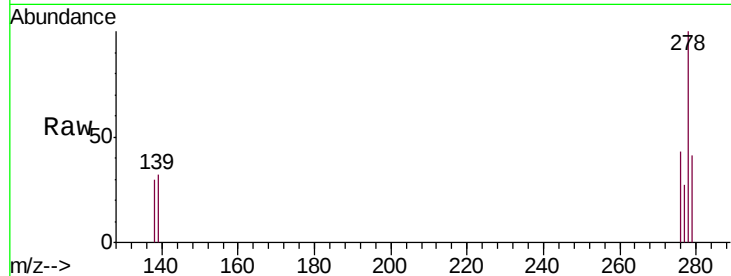
Tgt Ion:276 Resp: 386

Ion Ratio Lower Upper

276 100

138 27.2 11.8 17.8#

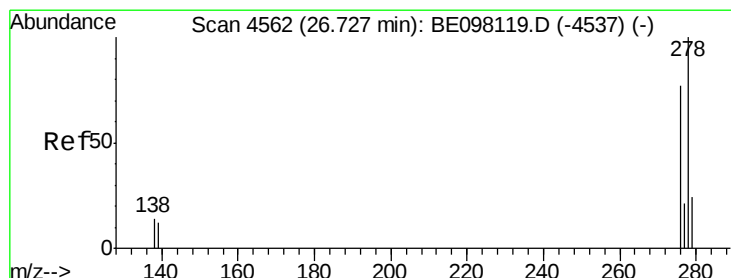
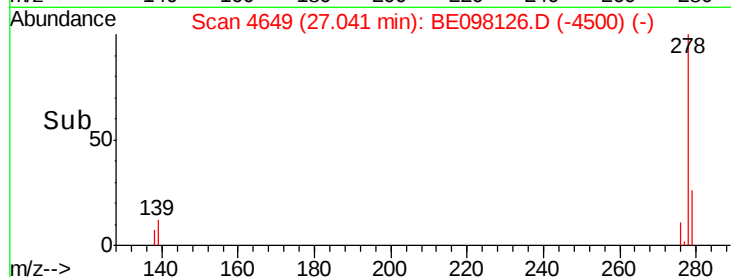
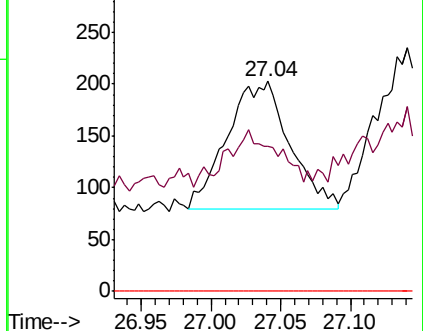
227 0.0 0.0 0.0



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: 2.795 ng/ul

RT: 27.03 min Scan# 4647

Delta R.T. 0.31 min

Lab File: BE098126.D

Acq: 31 Oct 2018 21:21

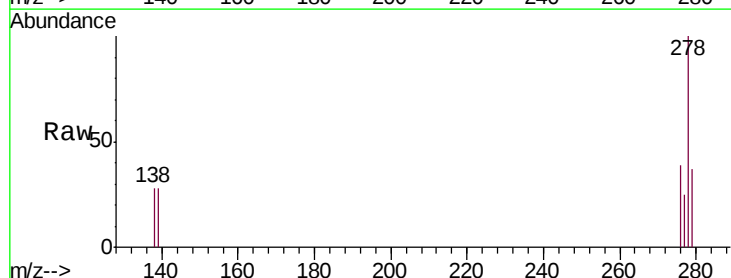
Tgt Ion:278 Resp: 1508

Ion Ratio Lower Upper

278 100

139 28.4 10.0 15.0#

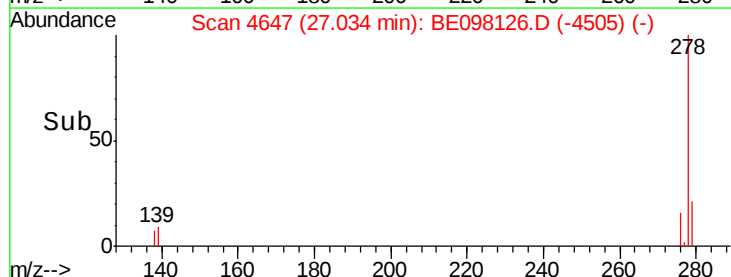
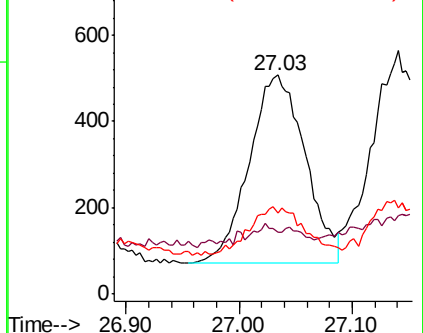
279 37.1 20.3 30.5#

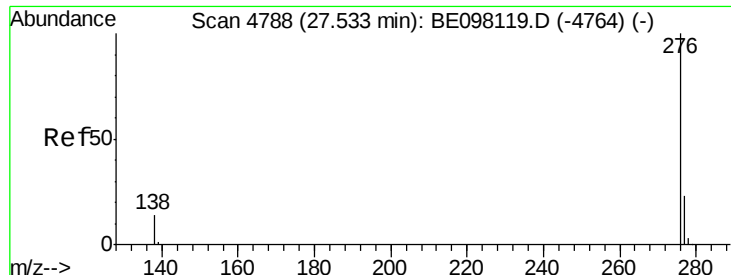


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.160 ng/ul

RT: 27.79 min Scan# 4858

Delta R.T. 0.25 min

Lab File: BE098126.D

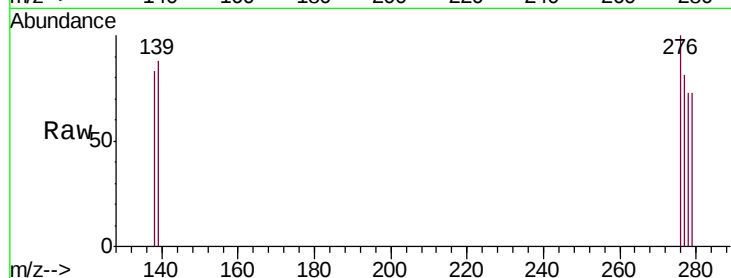
Acq: 31 Oct 2018 21:21

Instrument :

BNA_E

ClientSampleId :

A40E5



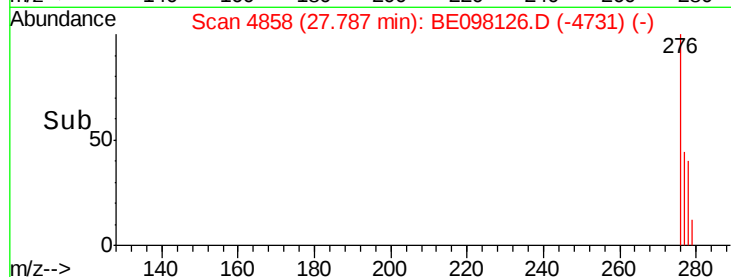
Tgt Ion: 276 Resp: 87

Ion Ratio Lower Upper

276 100

138 83.5 11.6 17.4#

277 81.2 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

