

Data File : BE098133.D
Acq On : 1 Nov 2018 1:44
Operator : SJ/JU
Sample : J5701-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A40E7

Quant Time: Nov 01 04:20:51 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

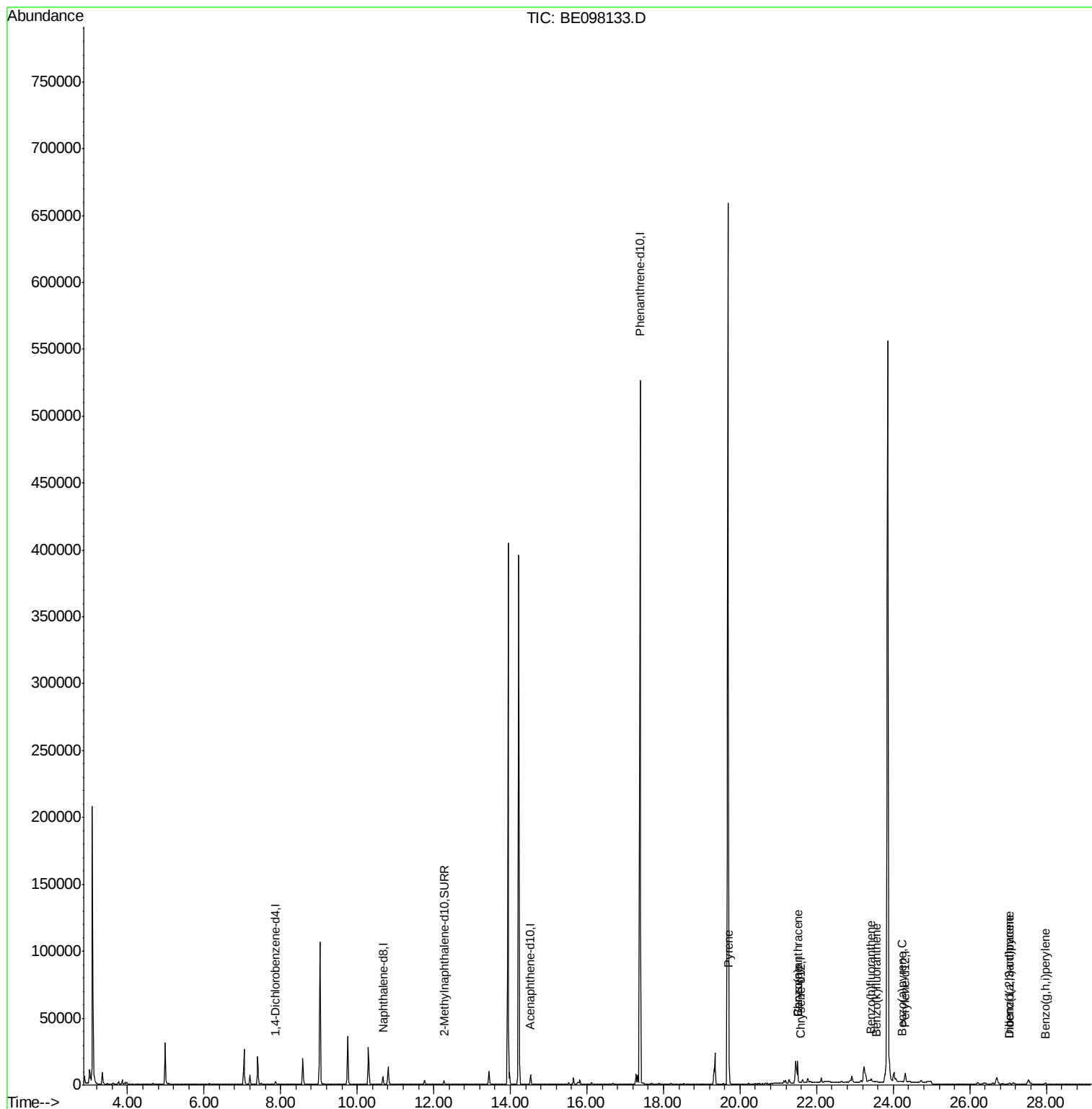
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1160	0.40	ng/ul	0.00
2) Naphthalene-d8	10.67	136	5797	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	4142	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.39	188	635031	0.40	ng/ul	0.10
16) Chrysene-d12	21.59	240	12	0.40	ng/ul	0.13
20) Perylene-d12	24.32	264	1076	0.40	ng/ul	0.30
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	3607	0.35	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Qvalue	
17) Pyrene	19.71	202	24120	860.846	ng/ul	98
18) Benzo(a)anthracene	21.50	228	16462	466.577	ng/ul	93
19) Chrysene	21.50	228	16348	598.979	ng/ul	97
21) Benzo(b)fluoranthene	23.43	252	2114	0.709	ng/ul#	1
22) Benzo(k)fluoranthene	23.55	252	61	0.021	ng/ul#	1
23) Benzo(a)pyrene	24.23	252	612	0.213	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	27.03	276	411	0.125	ng/ul#	96
25) Dibenzo(a,h)anthracene	27.03	278	1452	0.530	ng/ul#	43
26) Benzo(g,h,i)perylene	27.97	276	1480	0.535	ng/ul#	49

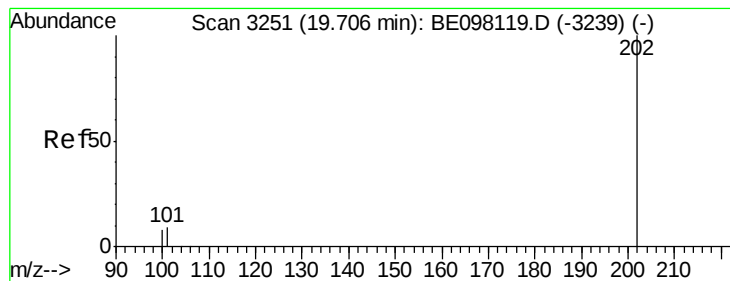
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Pyrene

Concen: 860.846 ng/ul

RT: 19.71 min Scan# 3251

Delta R.T. 0.00 min

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Instrument :

BNA_E

ClientSampleId :

A40E7

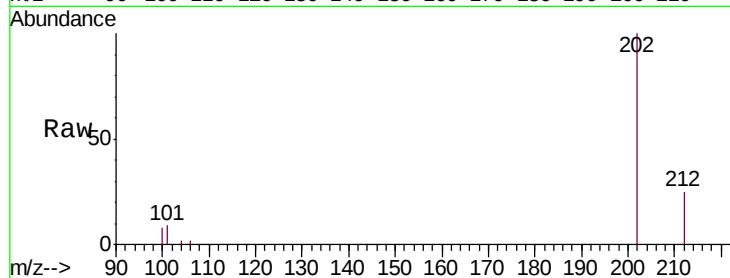
Tgt Ion:202 Resp: 24120

Ion Ratio Lower Upper

202 100

101 9.0 6.9 10.3

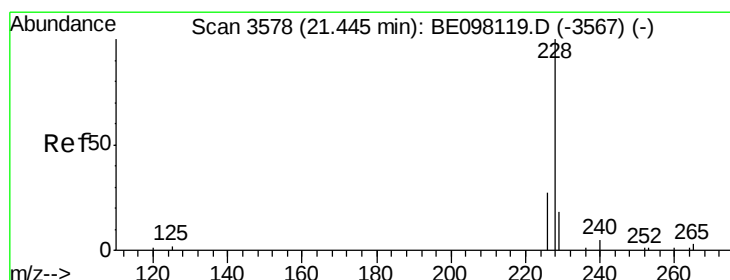
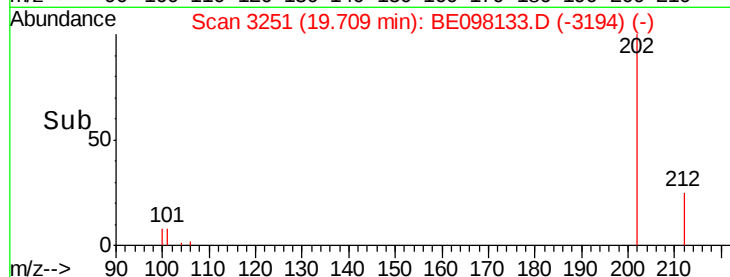
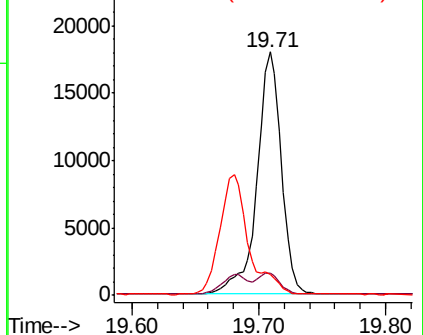
100 8.4 6.0 9.0



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: 466.577 ng/ul

RT: 21.50 min Scan# 3586

Delta R.T. 0.06 min

Lab File: BE098133.D

Acq: 1 Nov 2018 1:44

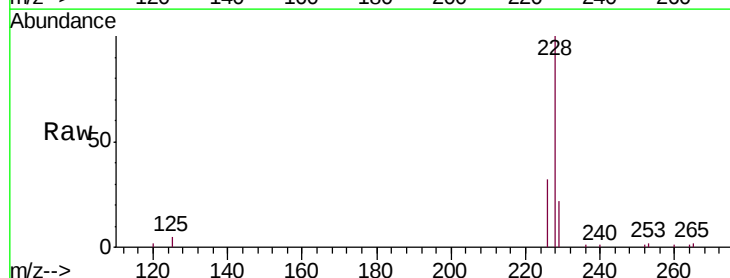
Tgt Ion:228 Resp: 16462

Ion Ratio Lower Upper

228 100

229 22.1 16.1 24.1

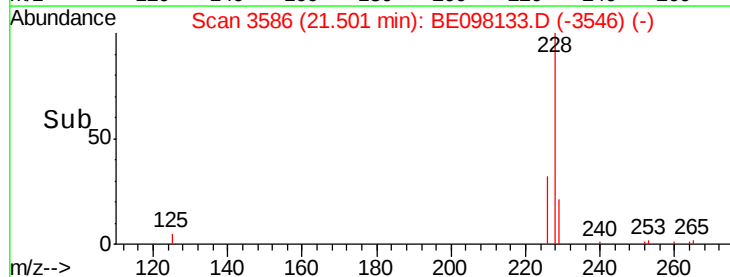
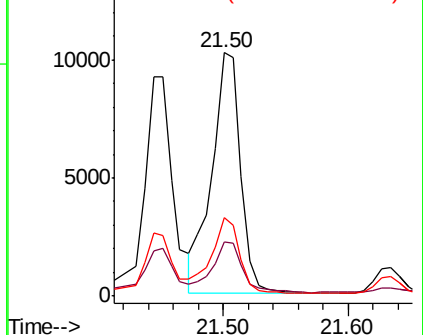
226 32.3 22.2 33.4

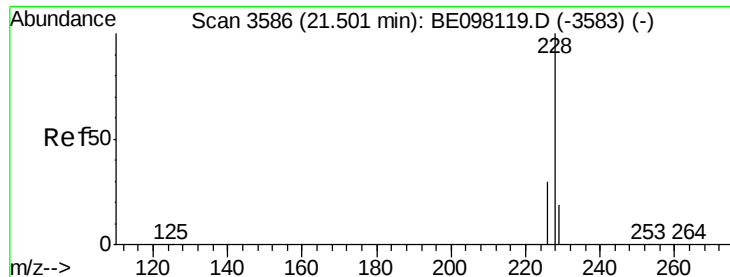


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 598.979 ng/ul

RT: 21.50 min Scan# 3586

Delta R.T. -0.00 min

Lab File: BE098133.D

Acq: 1 Nov 2018 1:44

Instrument :

BNA_E

ClientSampleId :

A40E7

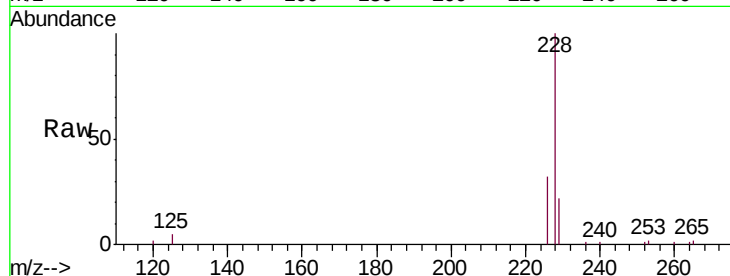
Tgt Ion:228 Resp: 16348

Ion Ratio Lower Upper

228 100

226 32.3 24.6 37.0

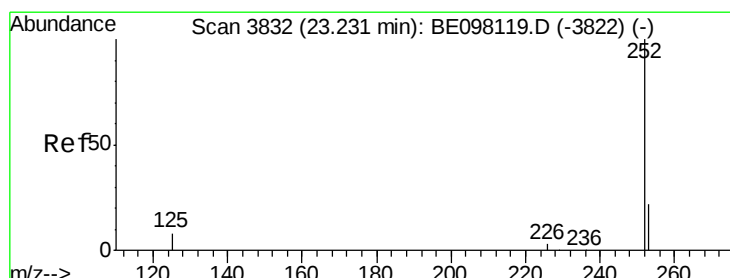
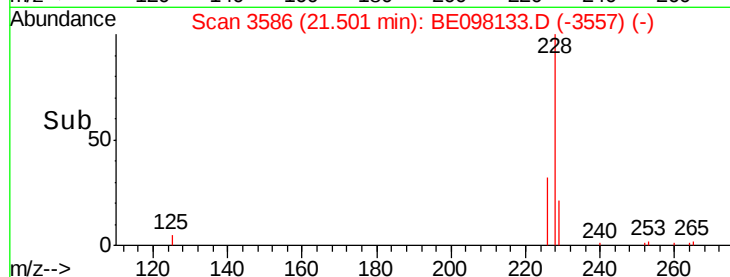
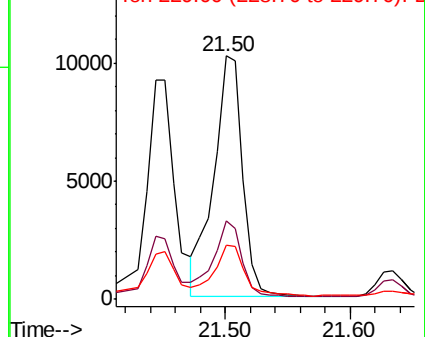
229 22.1 16.4 24.6



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: 0.709 ng/ul

RT: 23.43 min Scan# 3860

Delta R.T. 0.20 min

Lab File: BE098133.D

Acq: 1 Nov 2018 1:44

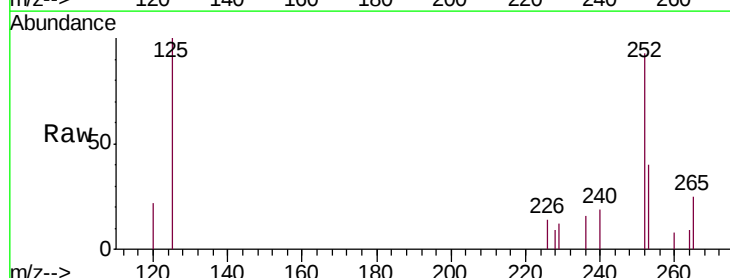
Tgt Ion:252 Resp: 2114

Ion Ratio Lower Upper

252 100

253 42.9 0.0 47.8

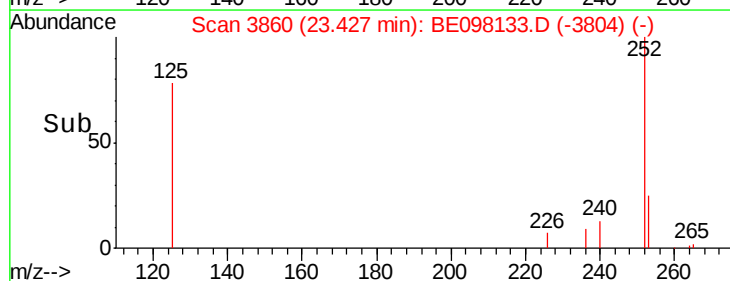
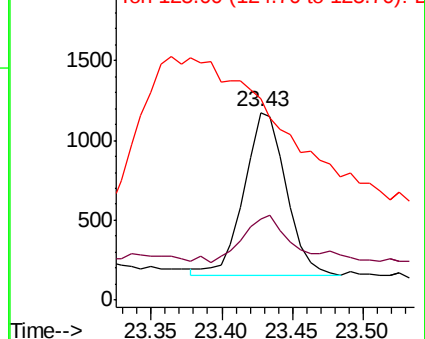
125 107.5 0.0 16.8#

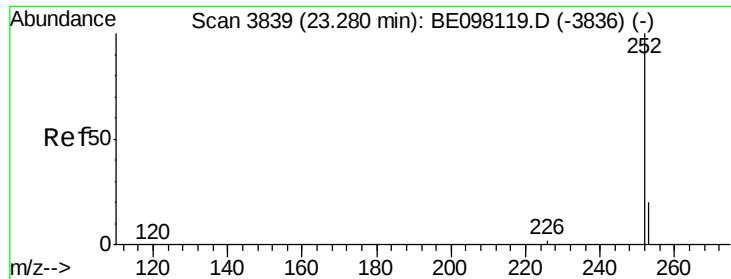


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.021 ng/ul

RT: 23.55 min Scan# 3877

Delta R.T. 0.27 min

Lab File: BE098133.D

Acq: 1 Nov 2018 1:44

Instrument :

BNA_E

ClientSampleId :

A40E7

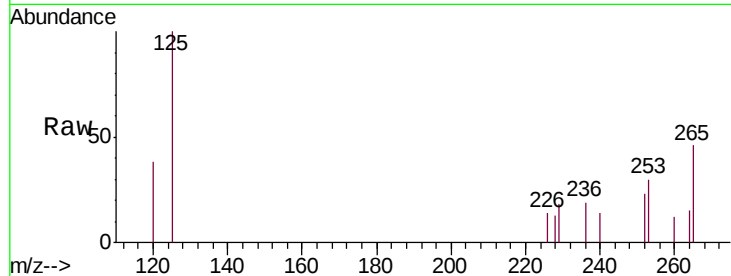
Tgt Ion:252 Resp: 61

Ion Ratio Lower Upper

252 100

253 130.3 19.3 28.9#

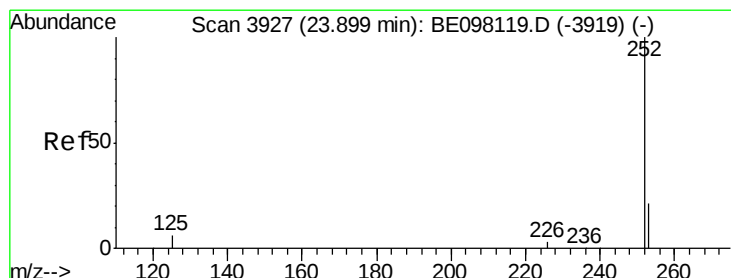
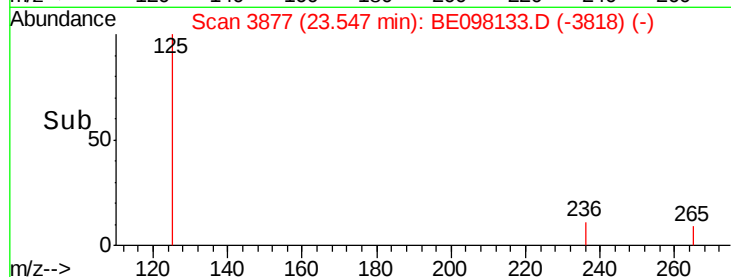
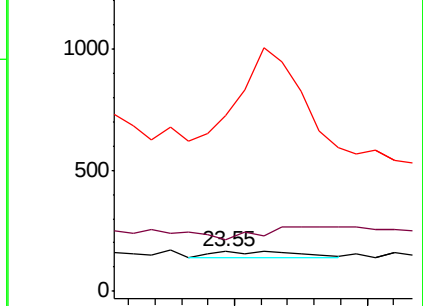
125 440.0 6.2 9.2#



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: 0.213 ng/ul

RT: 24.23 min Scan# 3974

Delta R.T. 0.33 min

Lab File: BE098133.D

Acq: 1 Nov 2018 1:44

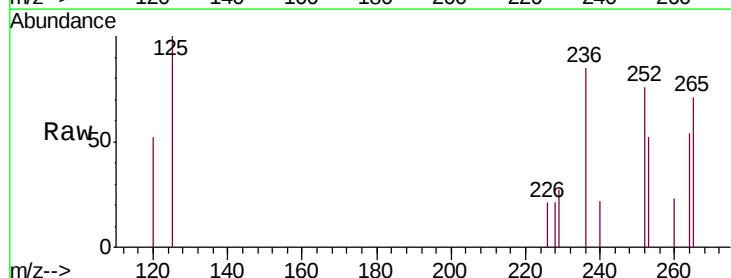
Tgt Ion:252 Resp: 612

Ion Ratio Lower Upper

252 100

253 68.6 19.4 29.2#

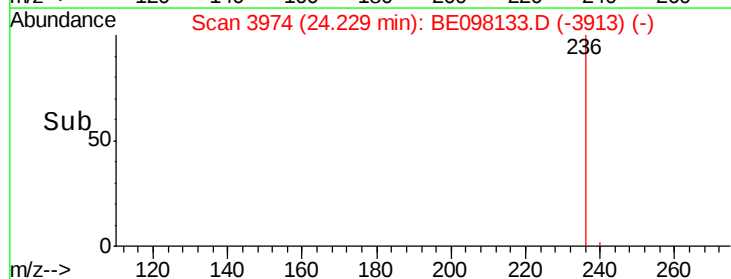
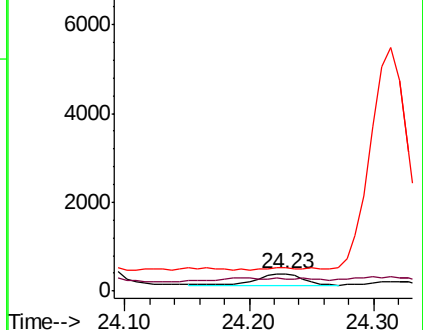
125 131.9 7.8 11.8#

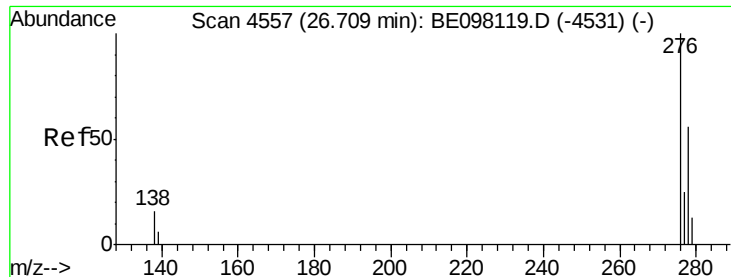


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.125 ng/ul

RT: 27.03 min Scan# 4648

Delta R.T. 0.33 min

Lab File: BE098133.D

Acq: 1 Nov 2018 1:44

Instrument :

BNA_E

ClientSampleId :

A40E7

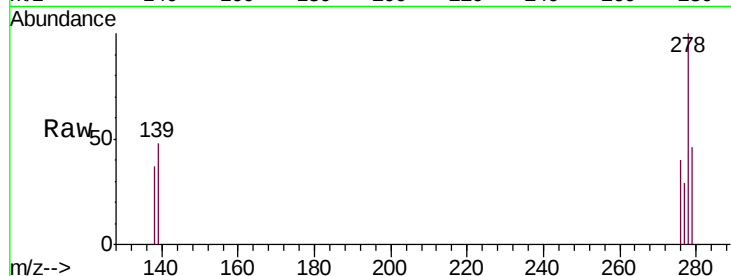
Tgt Ion:276 Resp: 411

Ion Ratio Lower Upper

276 100

138 16.5 11.8 17.8

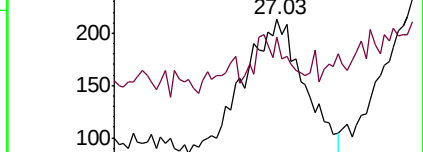
227 0.0 0.0 0.0



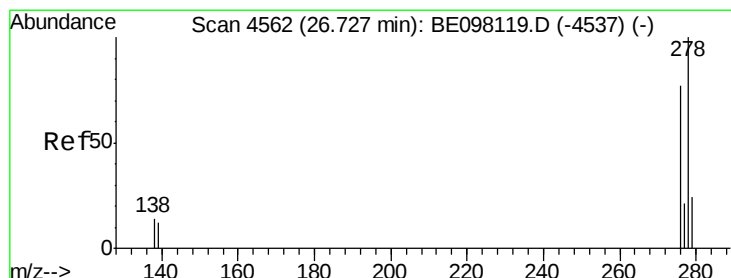
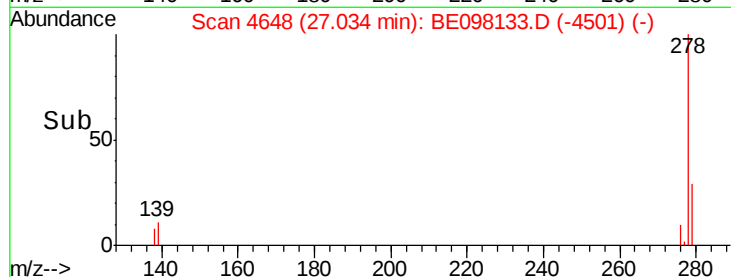
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->



#25

Dibenzo(a,h)anthracene

Concen: 0.530 ng/ul

RT: 27.03 min Scan# 4648

Delta R.T. 0.31 min

Lab File: BE098133.D

Acq: 1 Nov 2018 1:44

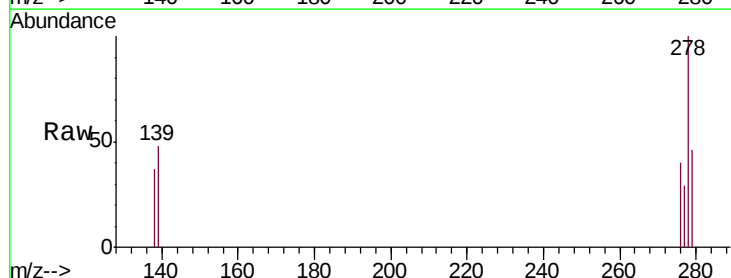
Tgt Ion:278 Resp: 1452

Ion Ratio Lower Upper

278 100

139 47.8 10.0 15.0#

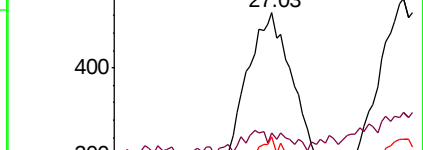
279 45.7 20.3 30.5#



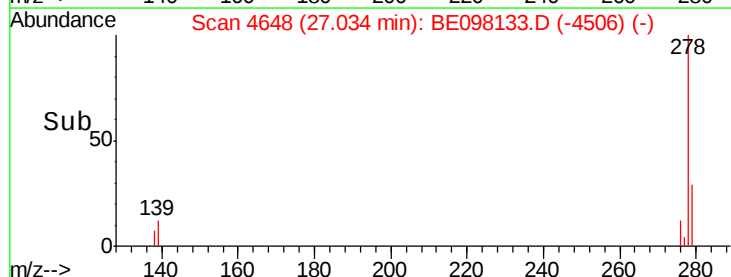
Abundance Ion 278.00 (277.70 to 278.70): E

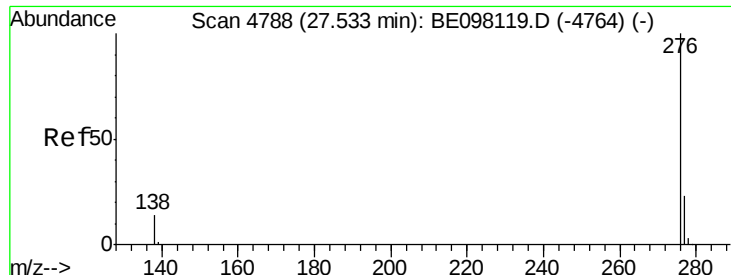
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#26

Benzo(g,h,i)perylene

Concen: 0.535 ng/ul

RT: 27.97 min Scan# 4911

Delta R.T. 0.44 min

Lab File: BE098133.D

Acq: 1 Nov 2018 1:44

Instrument :

BNA_E

ClientSampleId :

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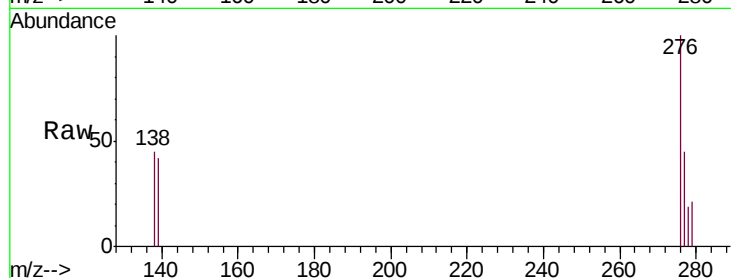
Tgt Ion: 276 Resp: 1480

Ion Ratio Lower Upper

276 100

138 45.4 11.6 17.4#

277 45.4 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

