

Data File : BE098011.D
Acq On : 22 Oct 2018 15:37
Operator : SJ/JU
Sample : J5567-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH0

Quant Time: Oct 23 01:27:55 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 01:24:18 2018
Response via : Initial Calibration

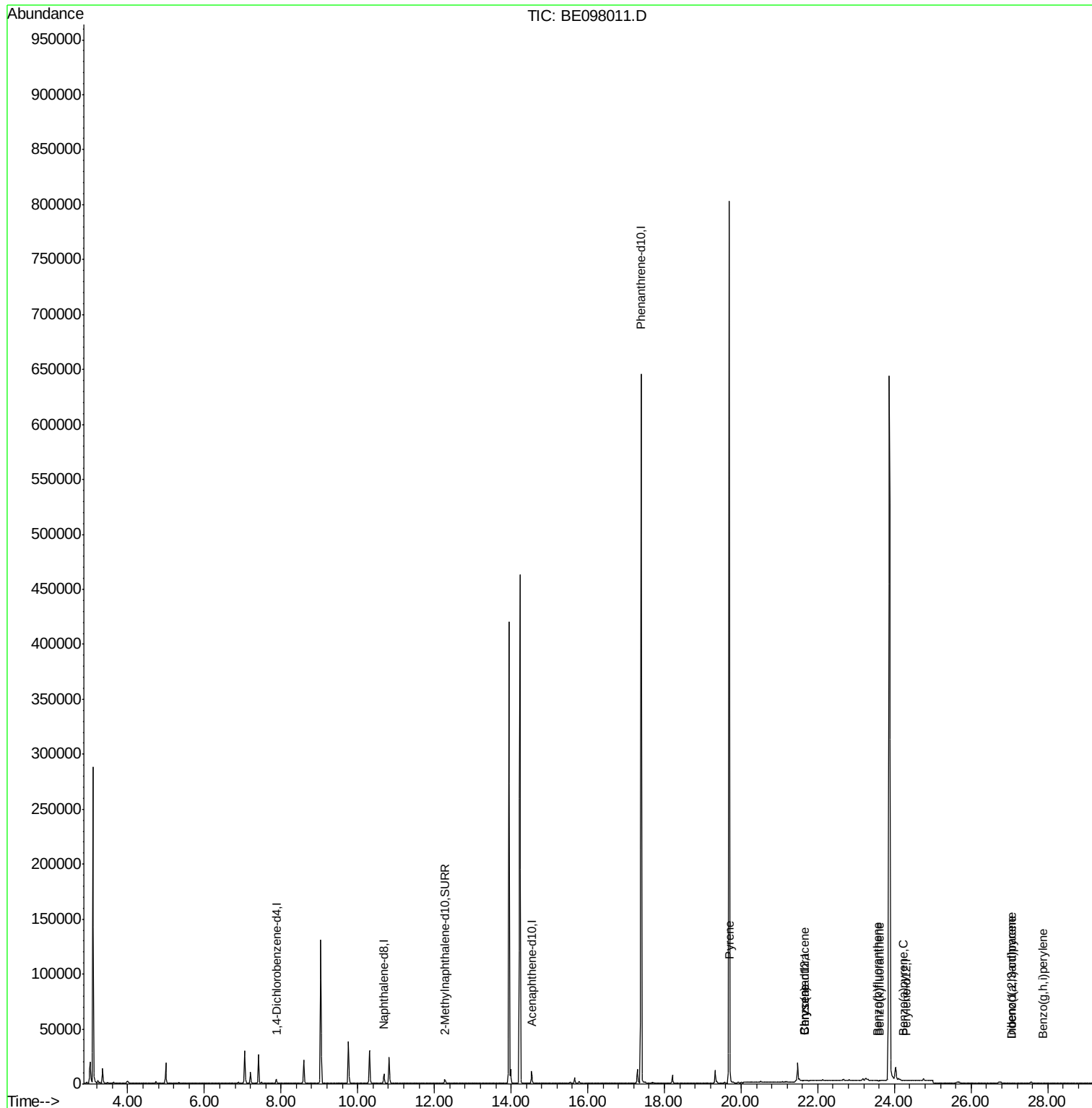
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1748	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	8731	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	6451	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.39	188	762671	0.40	ng/ul	0.10
16) Chrysene-d12	21.65	240	43	0.40	ng/ul	0.18
20) Perylene-d12	24.32	264	142	0.40	ng/ul	0.30
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	4273	0.31	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Qvalue	
17) Pyrene	19.72	202	1601	15.154	ng/ul#	59
18) Benzo(a)anthracene	21.64	228	357	2.991	ng/ul#	1
19) Chrysene	21.64	228	357	3.101	ng/ul#	1
21) Benzo(b)fluoranthene	23.55	252	51	0.139	ng/ul#	1
22) Benzo(k)fluoranthene	23.60	252	15	0.036	ng/ul#	1
23) Benzo(a)pyrene	24.24	252	164	0.488	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	27.04	276	21	0.055	ng/ul#	100
25) Dibenzo(a,h)anthracene	27.07	278	18	0.056	ng/ul#	1
26) Benzo(g,h,i)perylene	27.89	276	33	0.092	ng/ul#	1

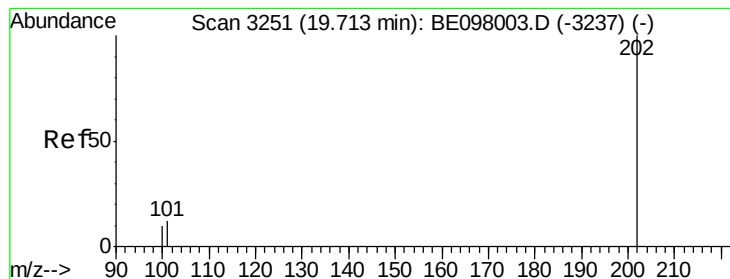
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Pyrene

Concen: 15.154 ng/ul

RT: 19.72 min Scan# 3252

Delta R.T. 0.00 min

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Instrument :

BNA_E

ClientSampleId :

C0AH0

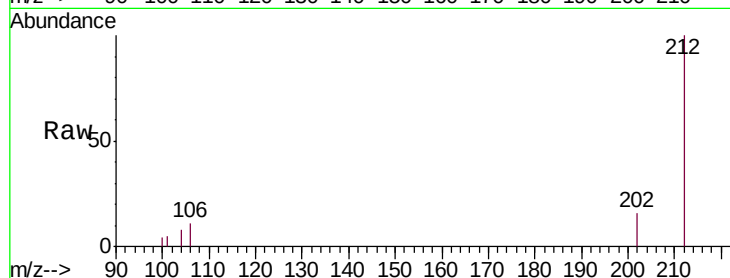
Tgt Ion:202 Resp: 1601

Ion Ratio Lower Upper

202 100

101 28.1 8.8 13.2#

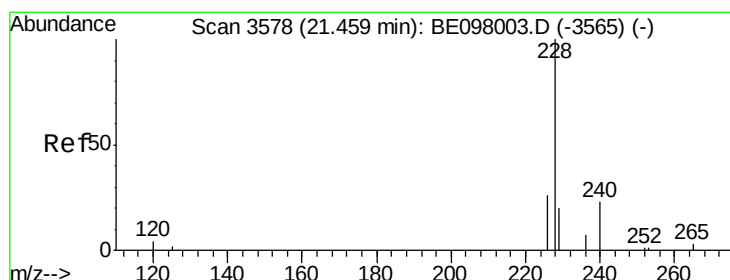
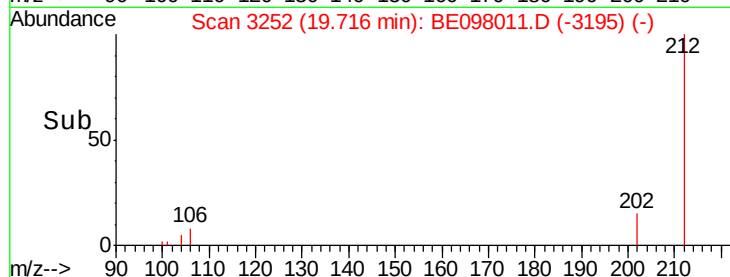
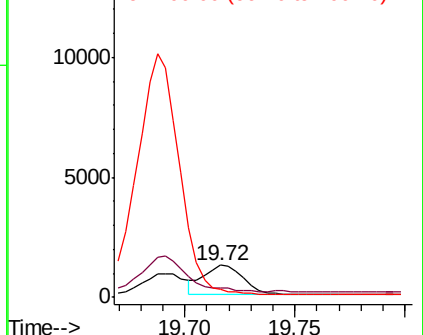
100 23.6 7.9 11.9#



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): E



#18

Benzo(a)anthracene

Concen: 2.991 ng/ul

RT: 21.64 min Scan# 3604

Delta R.T. 0.18 min

Lab File: BE098011.D

Acq: 22 Oct 2018 15:37

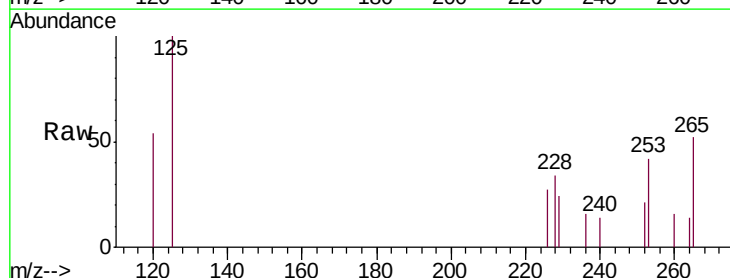
Tgt Ion:228 Resp: 357

Ion Ratio Lower Upper

228 100

229 70.9 16.4 24.6#

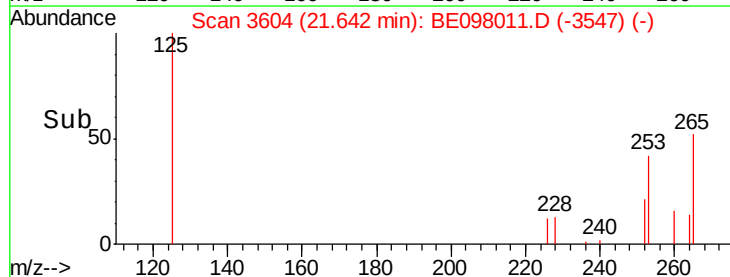
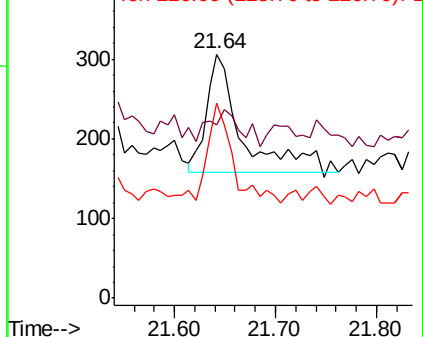
226 80.1 21.5 32.3#

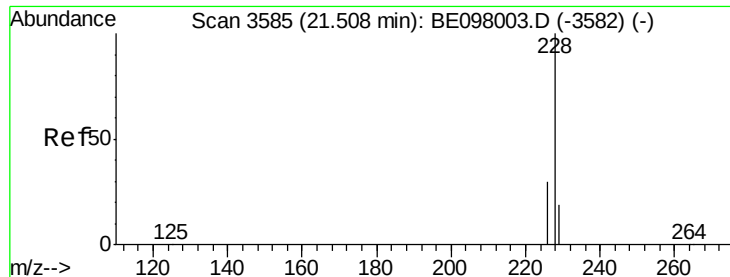


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 3.101 ng/ul

RT: 21.64 min Scan# 3604

Delta R.T. 0.13 min

Lab File: BE098011.D

Acq: 22 Oct 2018 15:37

Instrument :

BNA_E

ClientSampleId :

C0AH0

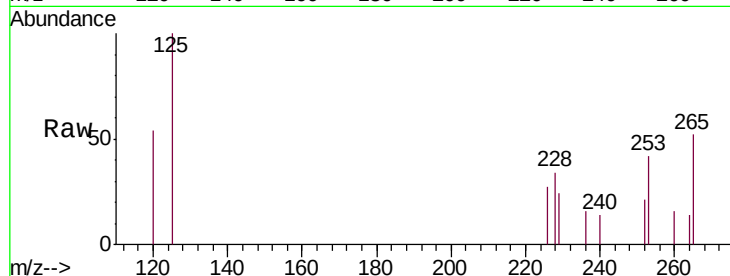
Tgt Ion:228 Resp: 357

Ion Ratio Lower Upper

228 100

226 80.1 23.0 34.4#

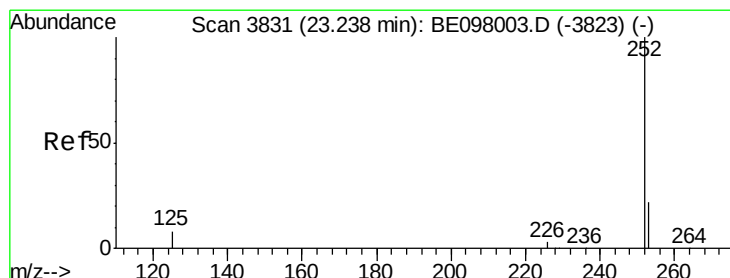
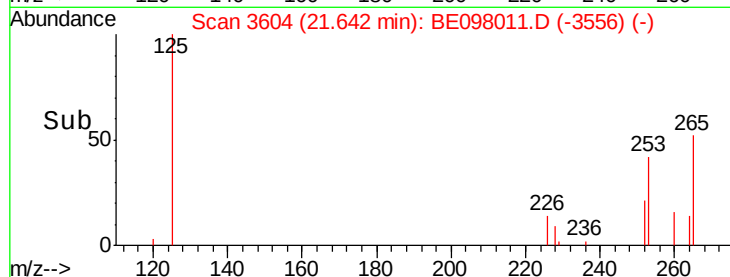
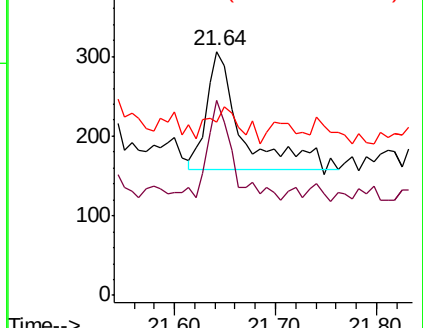
229 70.9 15.5 23.3#



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



#21

Benzo(b)fluoranthene

Concen: 0.139 ng/ul

RT: 23.55 min Scan# 3875

Delta R.T. 0.31 min

Lab File: BE098011.D

Acq: 22 Oct 2018 15:37

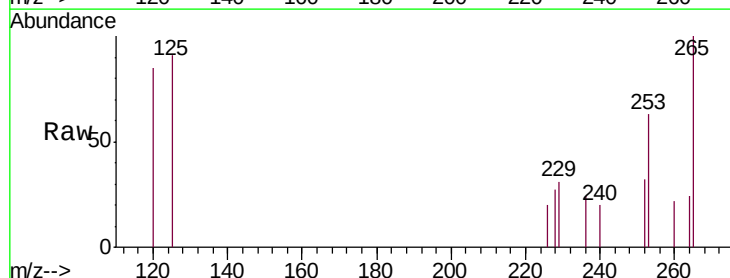
Tgt Ion:252 Resp: 51

Ion Ratio Lower Upper

252 100

253 198.3 0.0 47.0#

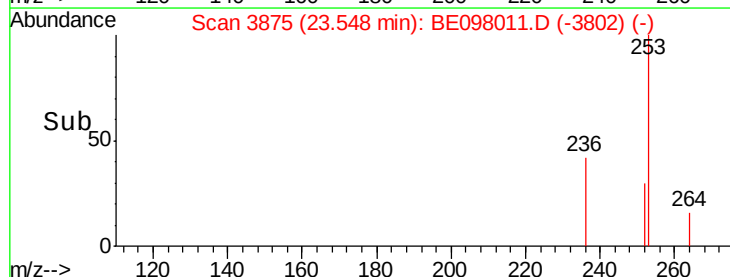
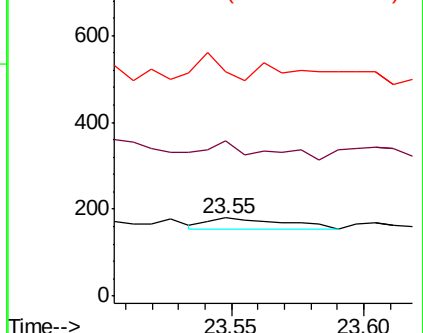
125 286.7 0.0 18.2#

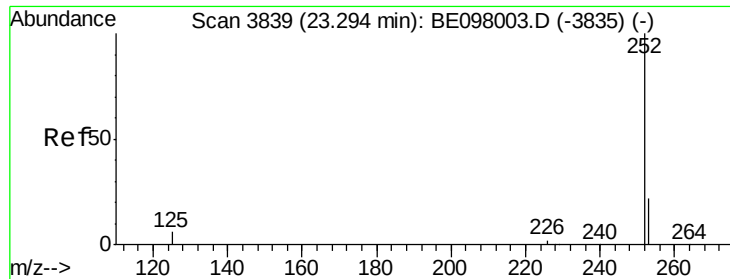


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.036 ng/ul

RT: 23.60 min Scan# 3883

Delta R.T. 0.31 min

Lab File: BE098011.D

Acq: 22 Oct 2018 15:37

Instrument :

BNA_E

ClientSampleId :

C0AH0

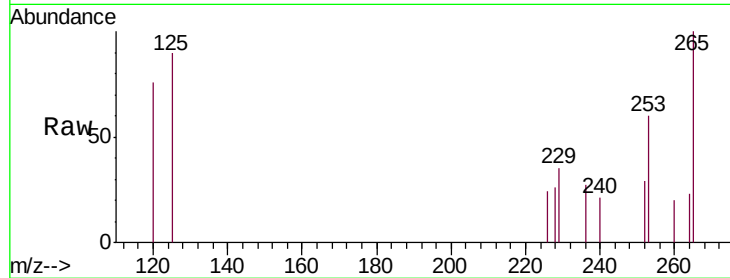
Tgt Ion:252 Resp: 15

Ion Ratio Lower Upper

252 100

253 203.6 17.8 26.6#

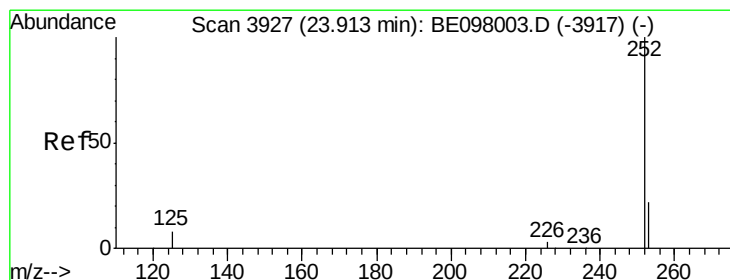
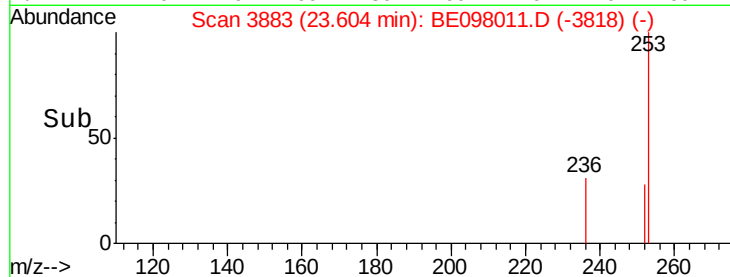
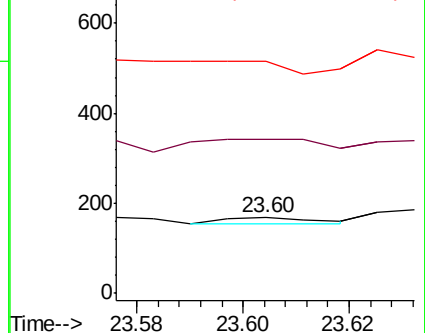
125 307.1 9.4 14.0#



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: 0.488 ng/ul

RT: 24.24 min Scan# 3973

Delta R.T. 0.32 min

Lab File: BE098011.D

Acq: 22 Oct 2018 15:37

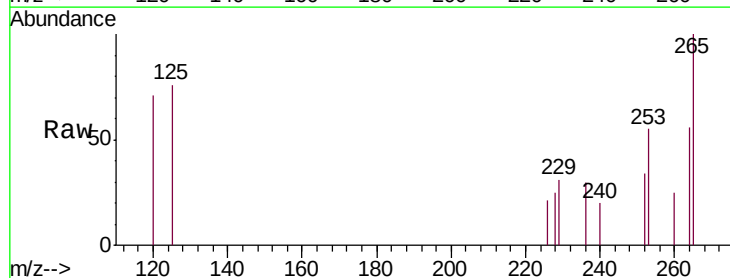
Tgt Ion:252 Resp: 164

Ion Ratio Lower Upper

252 100

253 159.5 18.2 27.4#

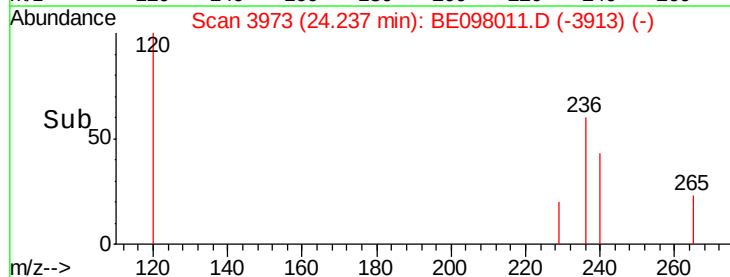
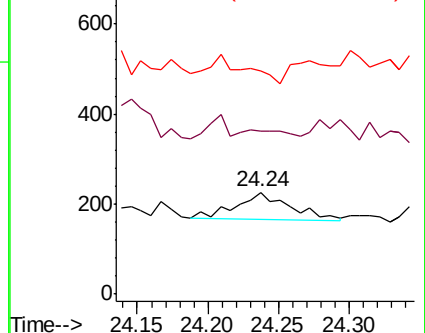
125 218.9 8.3 12.5#

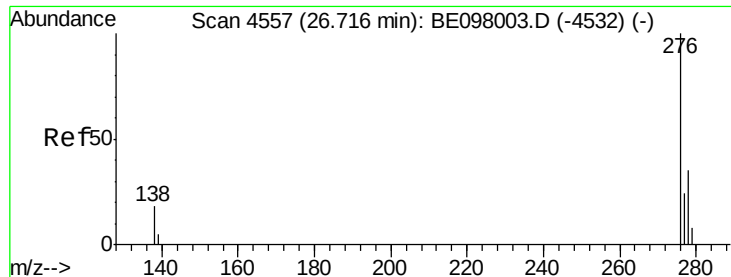


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.055 ng/ul

RT: 27.04 min Scan# 4649

Delta R.T. 0.33 min

Lab File: BE098011.D

Acq: 22 Oct 2018 15:37

Instrument :

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ClientSampleId :

COAH0

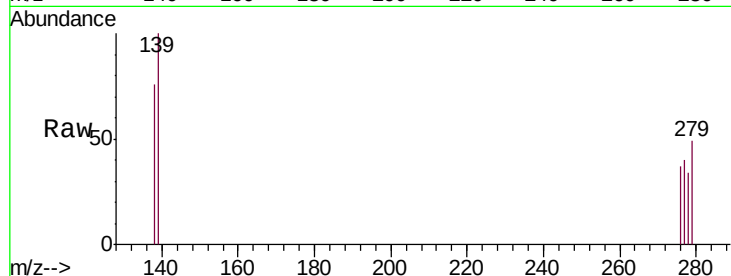
Tgt Ion:276 Resp: 21

Ion Ratio Lower Upper

276 100

138 33.3 0.0 0.0#

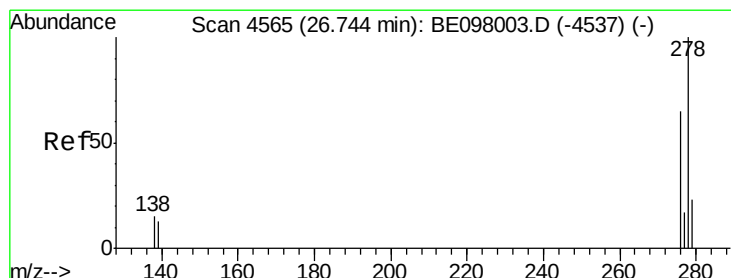
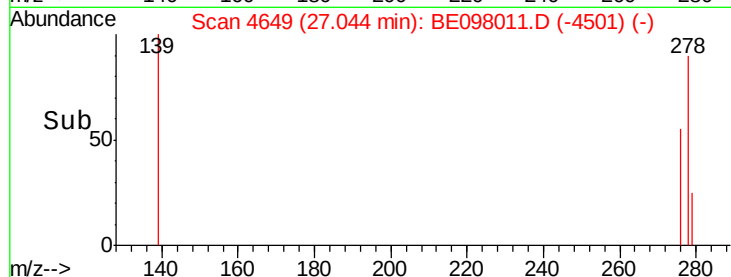
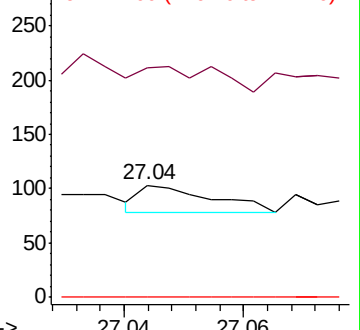
227 0.0 0.0 0.0



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: 0.056 ng/ul

RT: 27.07 min Scan# 4655

Delta R.T. 0.32 min

Lab File: BE098011.D

Acq: 22 Oct 2018 15:37

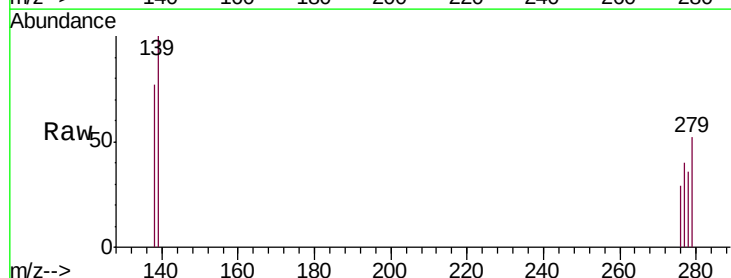
Tgt Ion:278 Resp: 18

Ion Ratio Lower Upper

278 100

139 277.3 10.9 16.3#

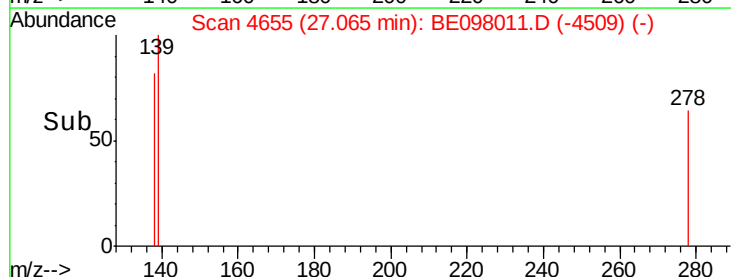
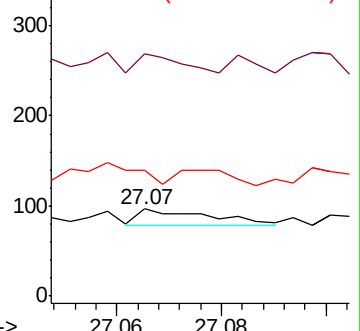
279 143.3 18.8 28.2#

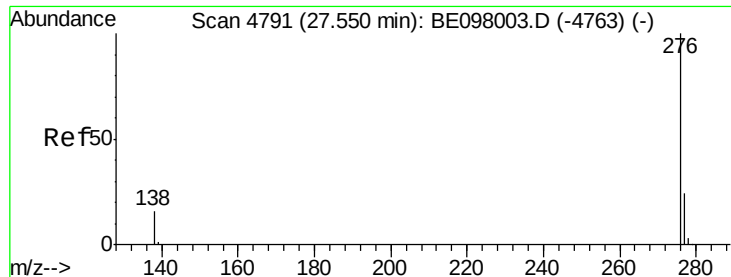


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.092 ng/ul

RT: 27.89 min Scan# 4885

Delta R.T. 0.34 min

Lab File: BE098011.D

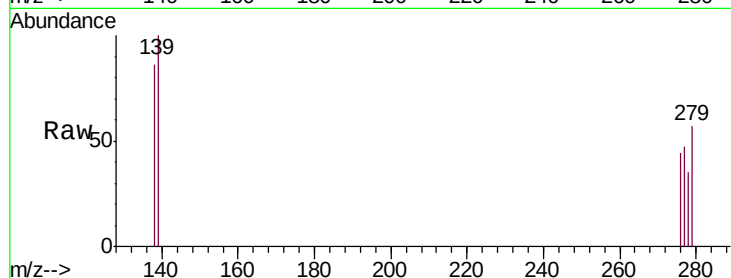
Acq: 22 Oct 2018 15:37

Instrument :

BNA_E

ClientSampleId :

C0AH0



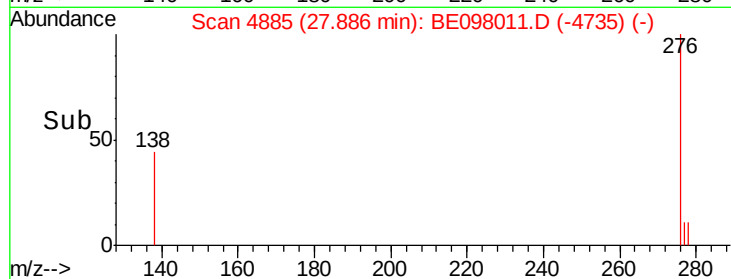
Tgt Ion: 276 Resp: 33

Ion Ratio Lower Upper

276 100

138 197.1 14.3 21.5#

277 107.6 19.5 29.3#



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

