

Data File : BE098125.D
Acq On : 31 Oct 2018 20:45
Operator : SJ/JU
Sample : J5657-15
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A40E6

Quant Time: Nov 01 02:14:55 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	1085	0.40	ng/ul	0.00
2) Naphthalene-d8	10.67	136	5172	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	3549	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.39	188	391914	0.40	ng/ul	0.10
16) Chrysene-d12	21.64	240	35	0.40	ng/ul	0.18
20) Perylene-d12	24.31	264	113	0.40	ng/ul	0.29

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	2257	0.24	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

Target Compounds				Qvalue		
17) Pyrene	19.71	202	2168	26.529	ng/ul#	86
18) Benzo(a)anthracene	21.63	228	144	1.399	ng/ul#	1
19) Chrysene	21.63	228	144	1.809	ng/ul#	1
21) Benzo(b)fluoranthene	23.53	252	14	0.045	ng/ul#	1
22) Benzo(k)fluoranthene	23.53	252	14	0.046	ng/ul#	1
23) Benzo(a)pyrene	24.16	252	9	0.030	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	27.03	276	42	0.122	ng/ul#	93
25) Dibenzo(a,h)anthracene	27.04	278	97	0.337	ng/ul#	1
26) Benzo(g,h,i)perylene	27.86	276	8	0.028	ng/ul#	1

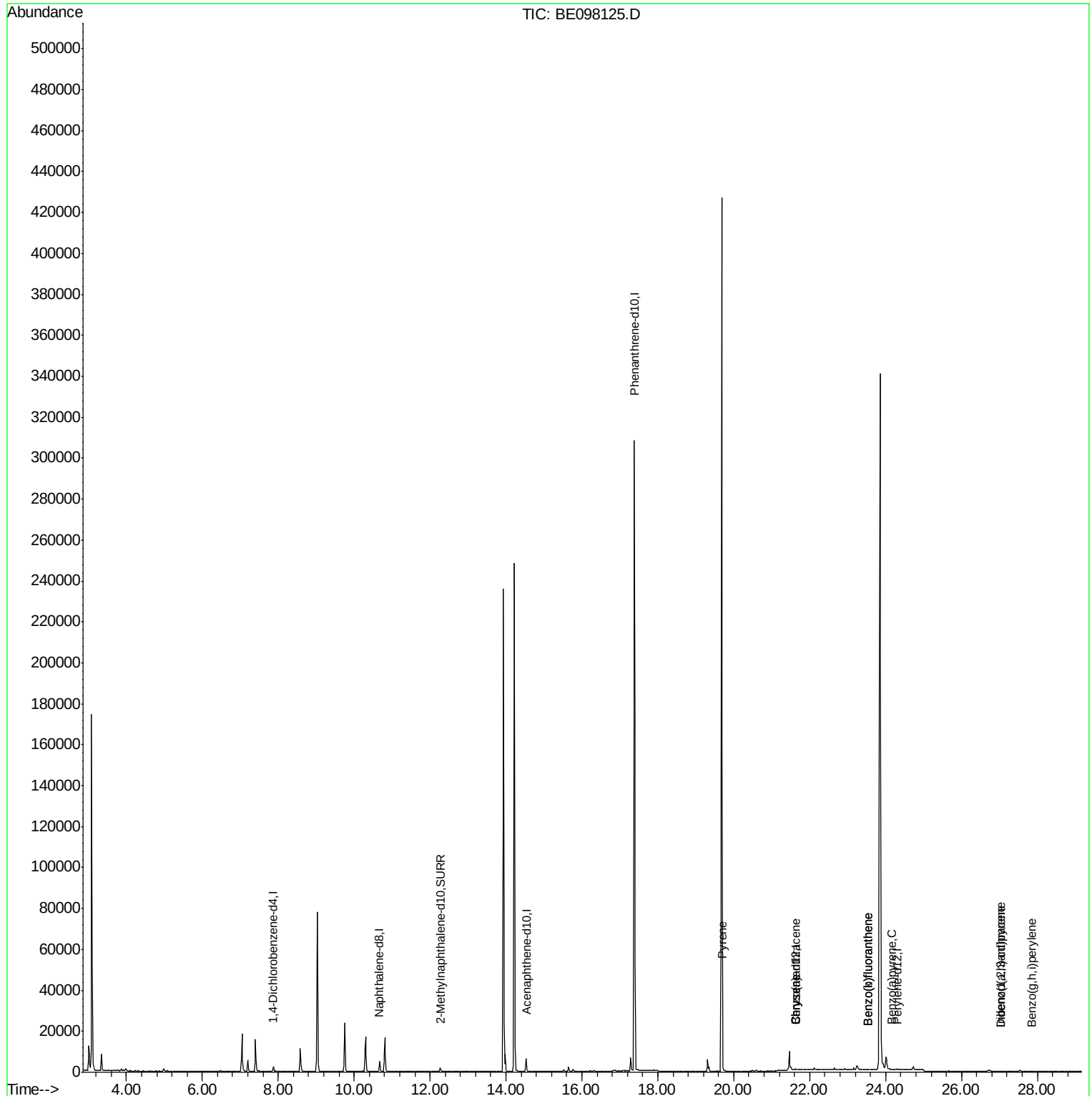
(#) = qualifier out of range (m) = manual integration (+) = signals summed

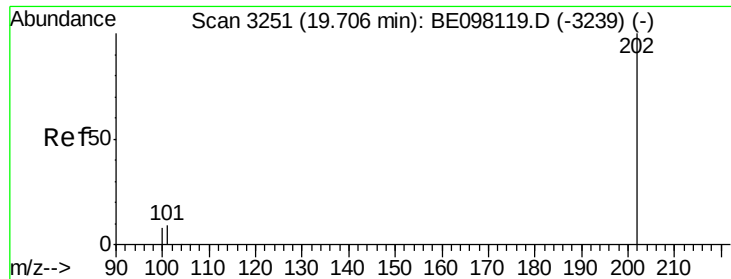
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#17

Pyrene

Concen: 26.529 ng/ul

RT: 19.71 min Scan# 3249

Delta R.T. -0.00 min

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ClientSampleId :

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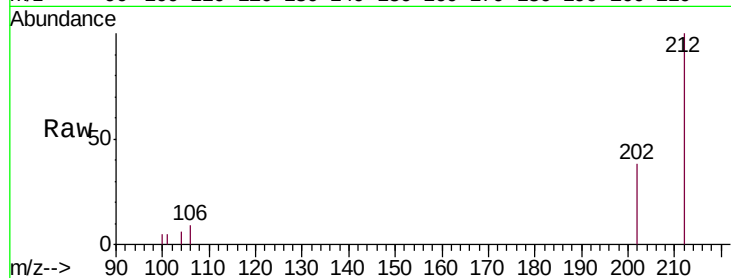
Tgt Ion:202 Resp: 2168

Ion Ratio Lower Upper

202 100

101 12.1 6.9 10.3#

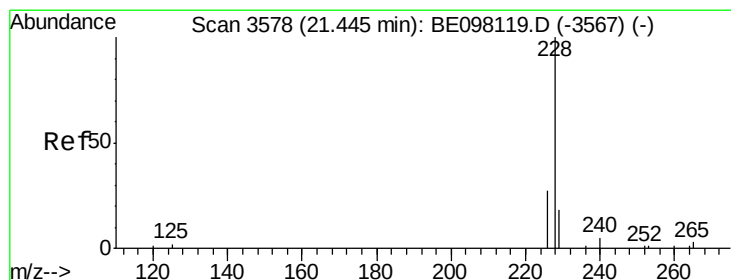
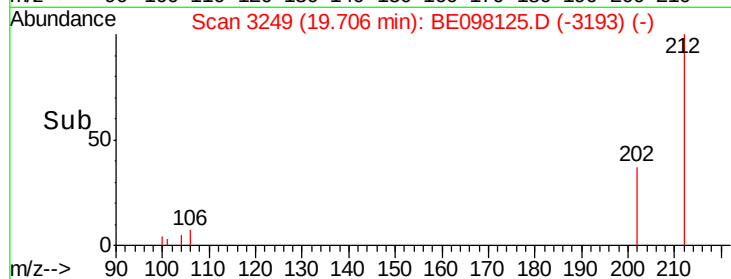
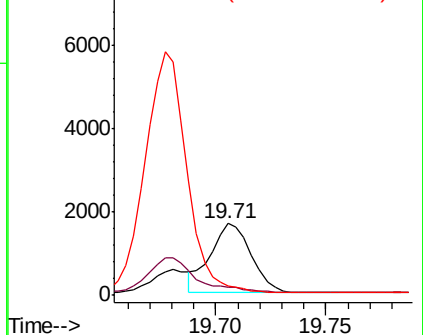
100 13.8 6.0 9.0#



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): E



#18

Benzo(a)anthracene

Concen: 1.399 ng/ul

RT: 21.63 min Scan# 3602

Delta R.T. 0.18 min

Lab File: BE098125.D

Acq: 31 Oct 2018 20:45

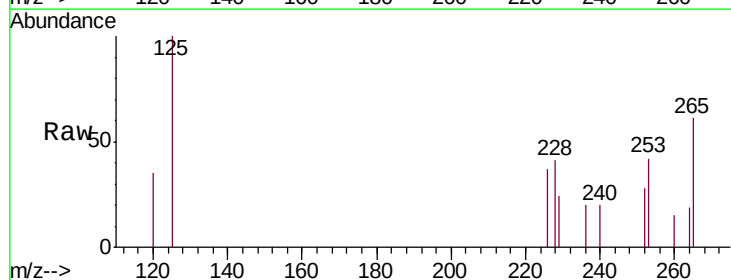
Tgt Ion:228 Resp: 144

Ion Ratio Lower Upper

228 100

229 59.5 16.1 24.1#

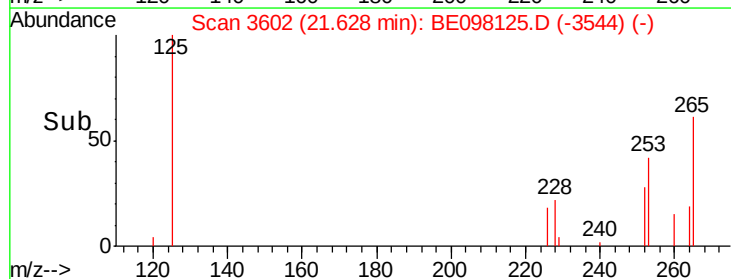
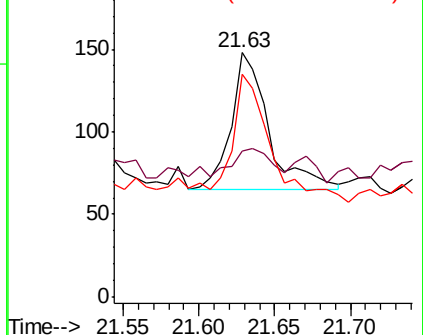
226 91.2 22.2 33.4#

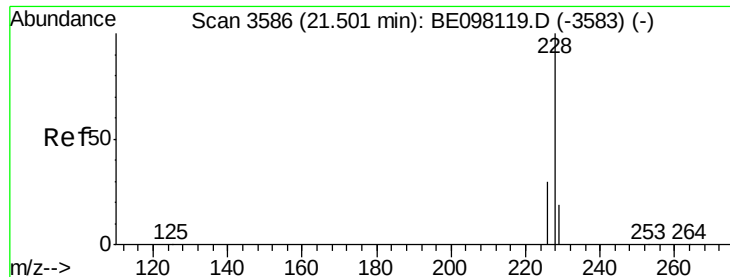


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 1.809 ng/ul

RT: 21.63 min Scan# 3602

Delta R.T. 0.13 min

Lab File: BE098125.D

Acq: 31 Oct 2018 20:45

Instrument :

BNA_E

ClientSampleId :

A40E6

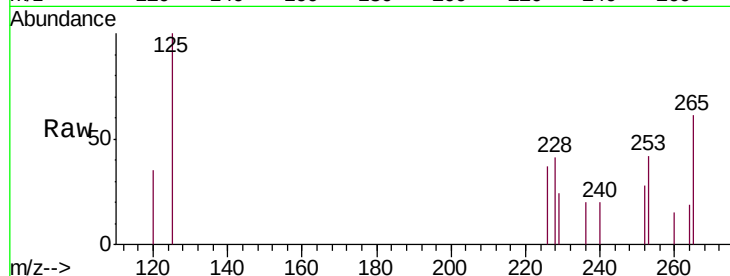
Tgt Ion:228 Resp: 144

Ion Ratio Lower Upper

228 100

226 91.2 24.6 37.0#

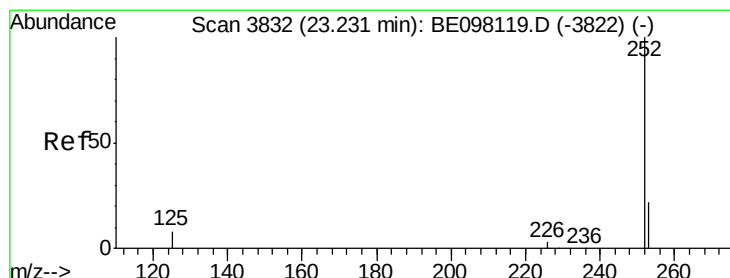
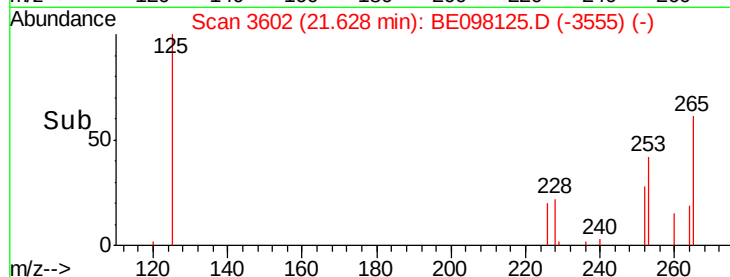
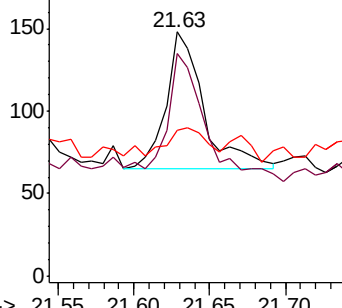
229 59.5 16.4 24.6#



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: 0.045 ng/ul

RT: 23.53 min Scan# 3873

Delta R.T. 0.30 min

Lab File: BE098125.D

Acq: 31 Oct 2018 20:45

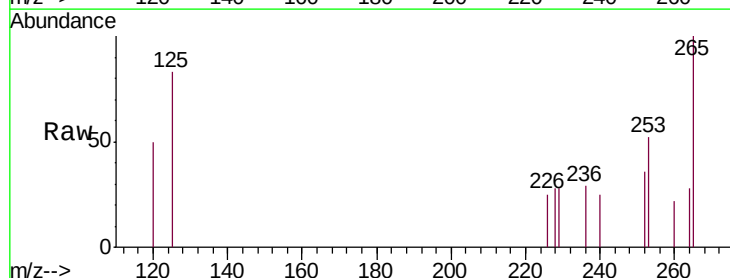
Tgt Ion:252 Resp: 14

Ion Ratio Lower Upper

252 100

253 143.8 0.0 47.8#

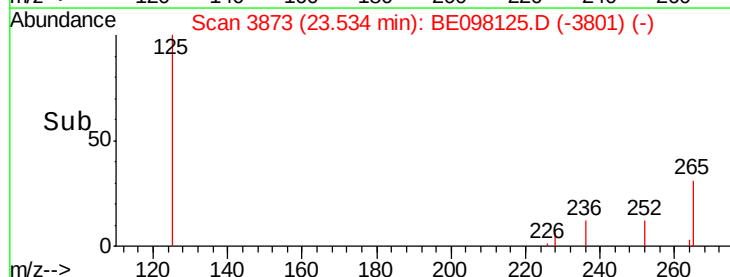
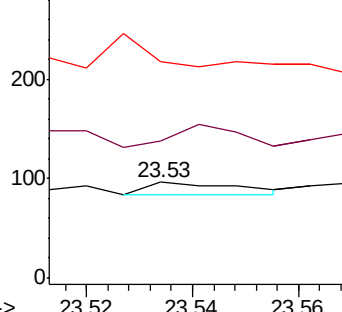
125 227.1 0.0 16.8#

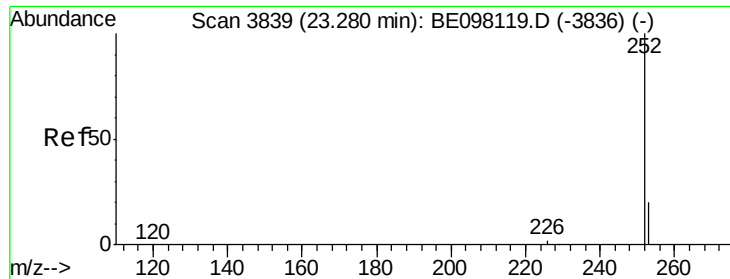


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.046 ng/ul

RT: 23.53 min Scan# 3873

Delta R.T. 0.25 min

Lab File: BE098125.D

Acq: 31 Oct 2018 20:45

Instrument :

BNA_E

ClientSampleId :

A40E6

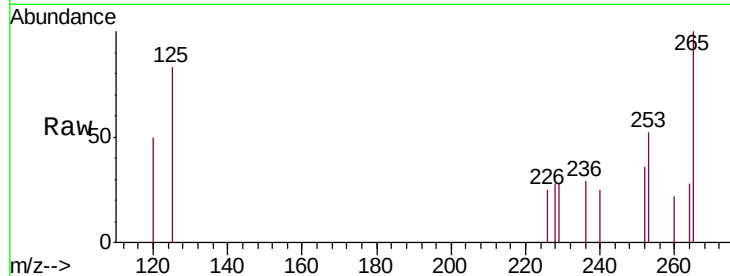
Tgt Ion:252 Resp: 14

Ion Ratio Lower Upper

252 100

253 143.8 19.3 28.9#

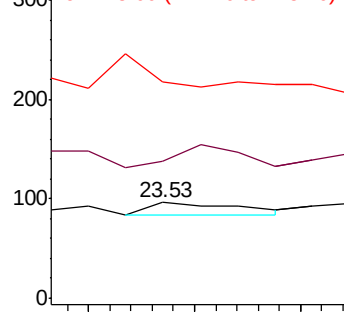
125 227.1 6.2 9.2#



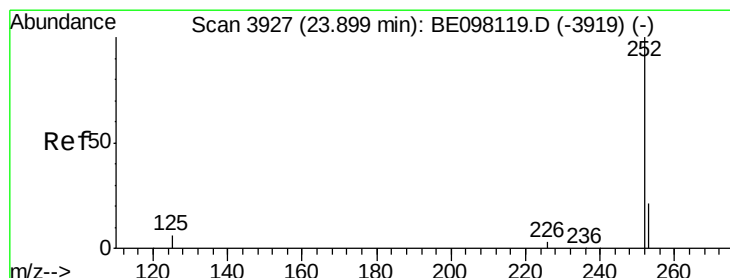
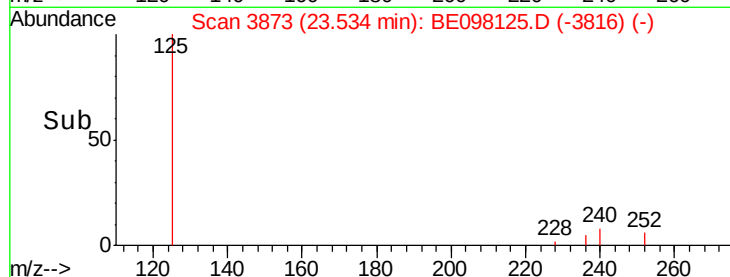
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#23

Benzo(a)pyrene

Concen: 0.030 ng/ul

RT: 24.16 min Scan# 3962

Delta R.T. 0.26 min

Lab File: BE098125.D

Acq: 31 Oct 2018 20:45

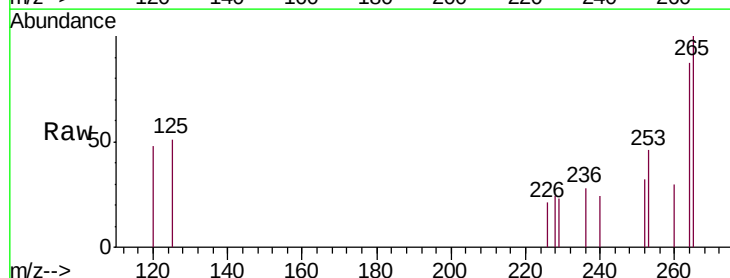
Tgt Ion:252 Resp: 9

Ion Ratio Lower Upper

252 100

253 142.7 19.4 29.2#

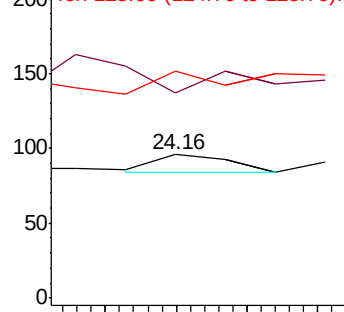
125 158.3 7.8 11.8#



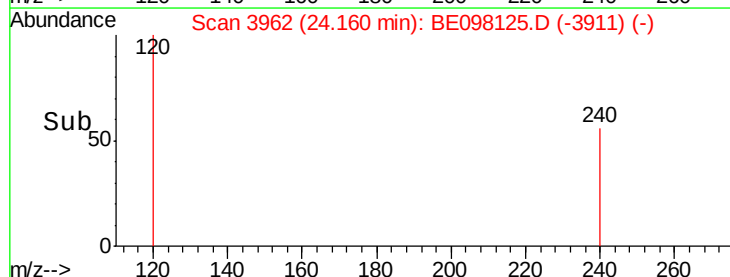
Abundance Ion 252.00 (251.70 to 252.70): E

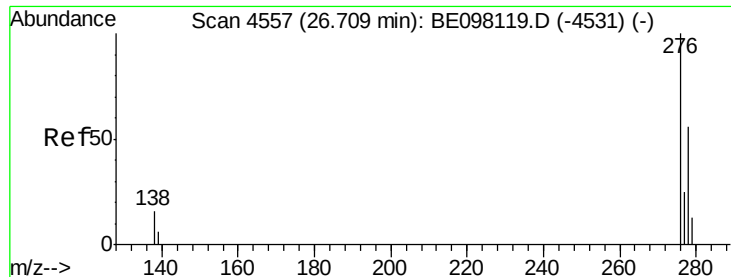
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.122 ng/ul

RT: 27.03 min Scan# 4644

Delta R.T. 0.32 min

Lab File: BE098125.D

Acq: 31 Oct 2018 20:45

Instrument :

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A40E6

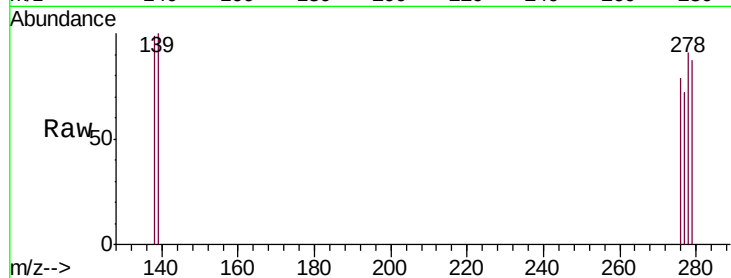
Tgt Ion:276 Resp: 42

Ion Ratio Lower Upper

276 100

138 11.9 11.8 17.8

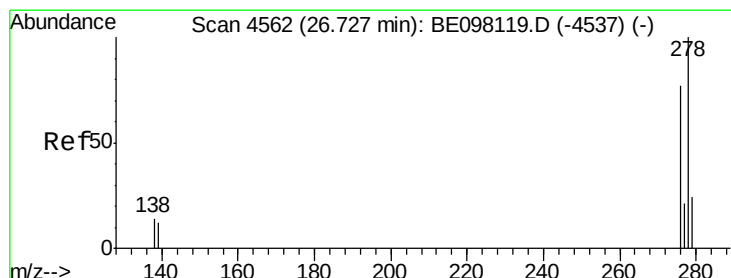
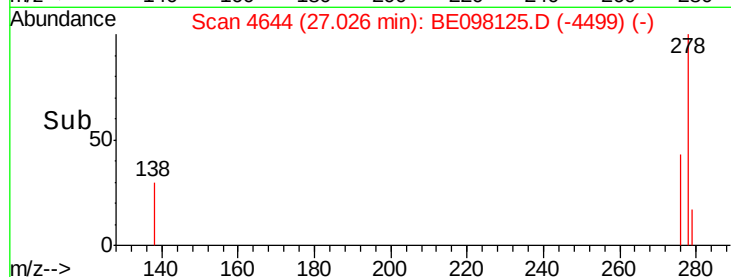
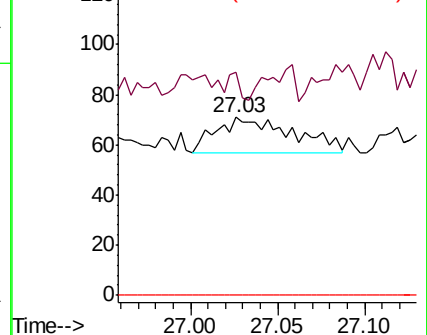
227 0.0 0.0 0.0



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: 0.337 ng/ul

RT: 27.04 min Scan# 4647

Delta R.T. 0.31 min

Lab File: BE098125.D

Acq: 31 Oct 2018 20:45

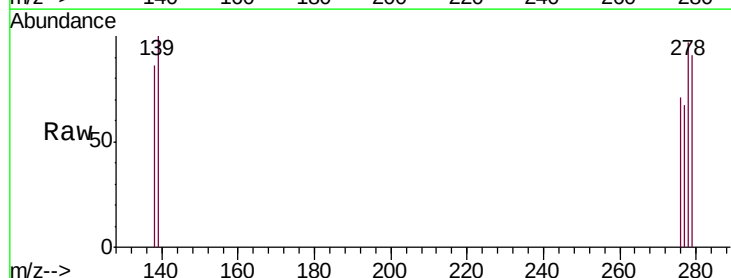
Tgt Ion:278 Resp: 97

Ion Ratio Lower Upper

278 100

139 103.2 10.0 15.0#

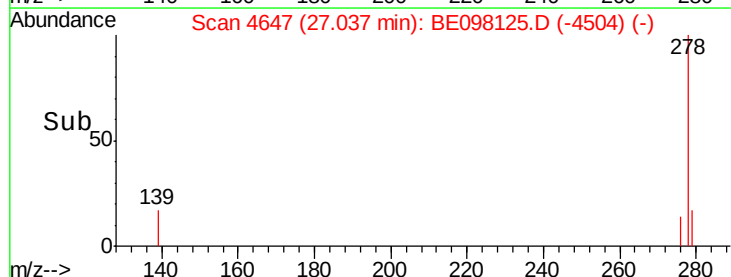
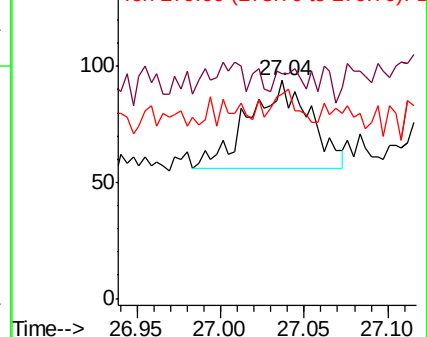
279 93.6 20.3 30.5#

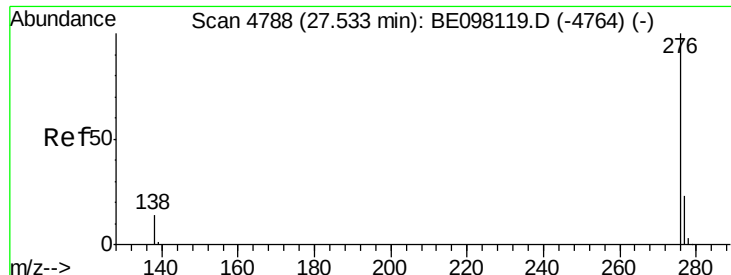


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.028 ng/ul

RT: 27.86 min Scan# 4879

Delta R.T. 0.33 min

Lab File: BE098125.D

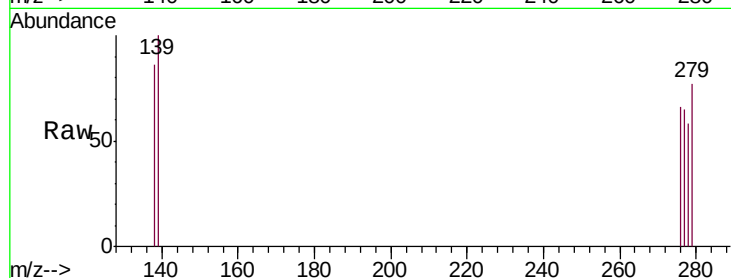
Acq: 31 Oct 2018 20:45

Instrument :

BNA_E

ClientSampleId :

A40E6



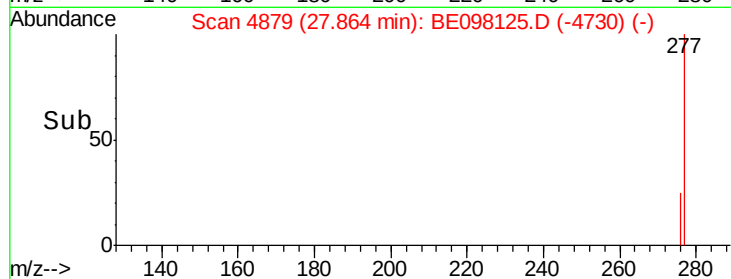
Tgt Ion: 276 Resp: 8

Ion Ratio Lower Upper

276 100

138 130.8 11.6 17.4#

277 98.5 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

27.86

Time-->