

Data File : BE098086.D
Acq On : 26 Oct 2018 13:03
Operator : SJ/JU
Sample : J5598-15
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AE3

Quant Time: Oct 26 23:19:48 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 : Fri Oct 26 23:15:36 2018
Response via : Initial Calibration

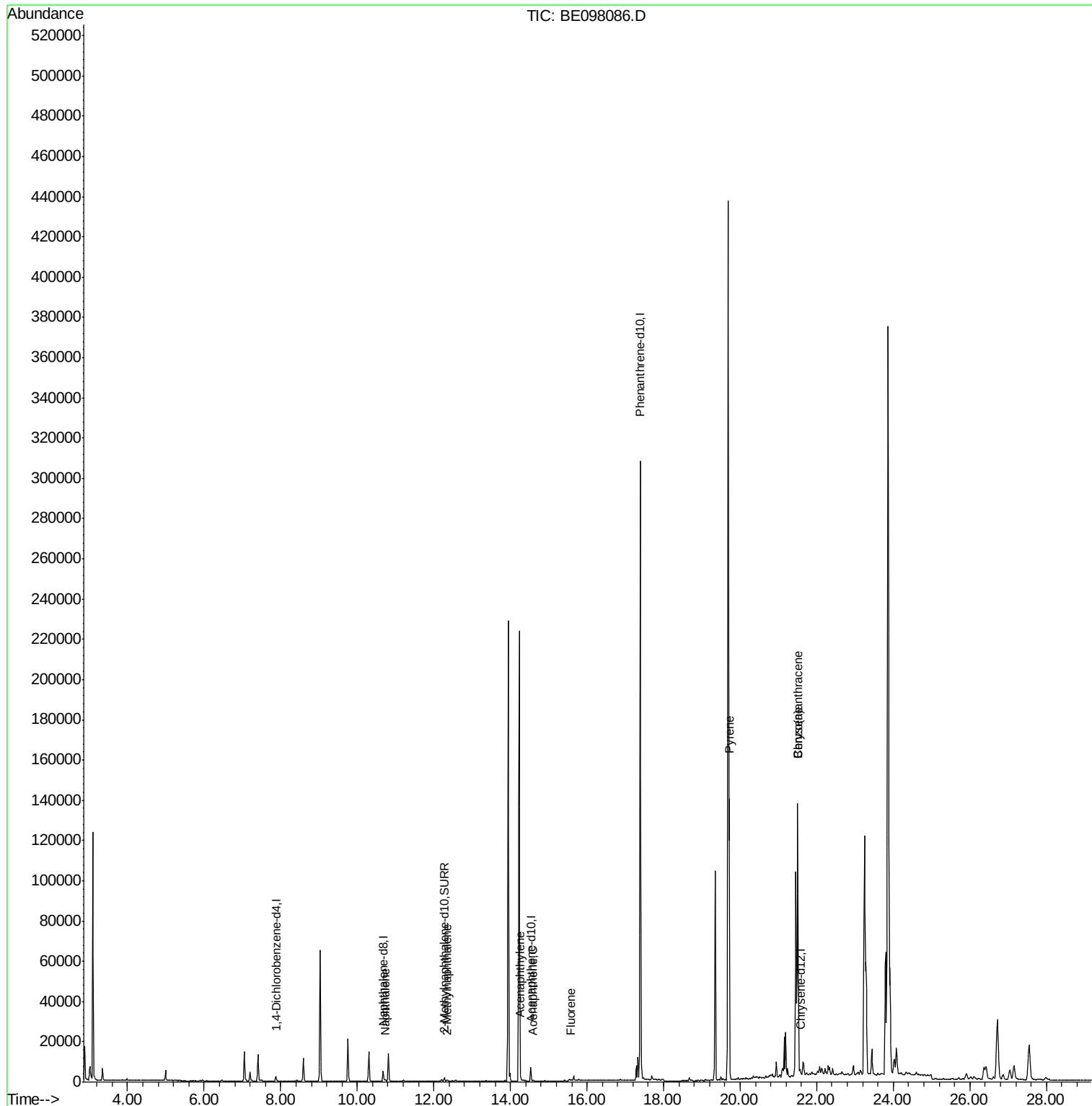
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1122	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	5593	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	3964	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.39	188	399468	0.40	ng/ul	0.10
16) Chrysene-d12	21.60	240	38	0.40	ng/ul	0.13
20) Perylene-d12	0.00	264	0	0.00	ng/ul	-24.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	1983	0.20	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Qvalue	
3) Naphthalene	10.72	128	1339	0.100	ng/ul#	93
5) 2-Methylnaphthalene	12.34	142	423	0.042	ng/ul	94
7) Acenaphthylene	14.26	152	5278	0.337	ng/ul	99
8) Acenaphthene	14.60	153	358	0.031	ng/ul#	89
9) Fluorene	15.59	166	405	0.029	ng/ul#	92
17) Pyrene	19.71	202	156598	1764.948	ng/ul	99
18) Benzo(a)anthracene	21.51	228	147280	1318.202	ng/ul	96
19) Chrysene	21.51	228	147280	1704.075	ng/ul	99

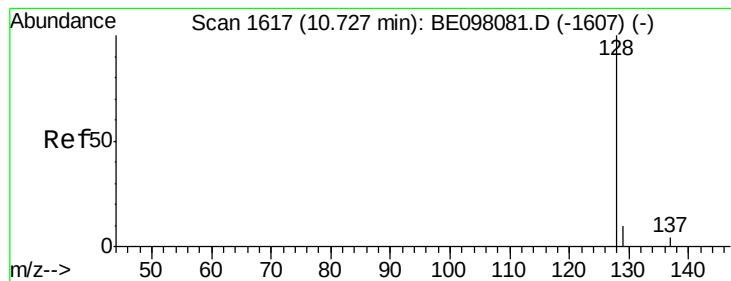
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.100 ng/ul

RT: 10.72 min Scan# 1617

Delta R.T. -0.00 min

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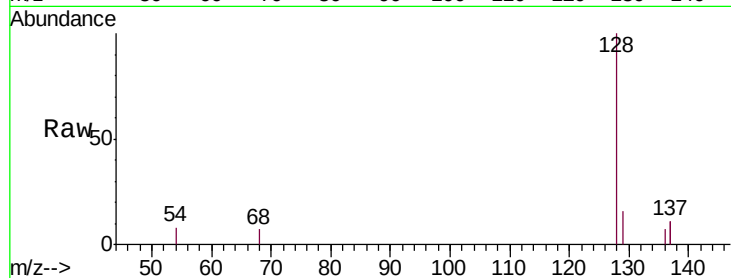
Tgt Ion:128 Resp: 1339

Ion Ratio Lower Upper

128 100

129 15.8 10.5 15.7#

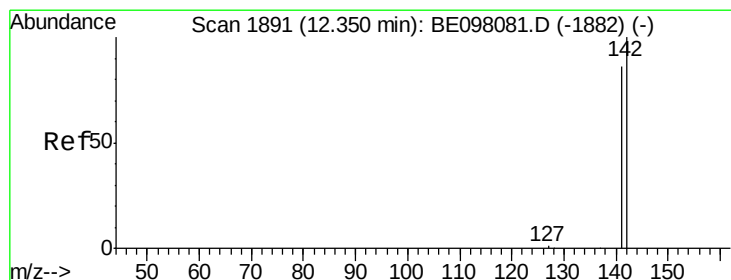
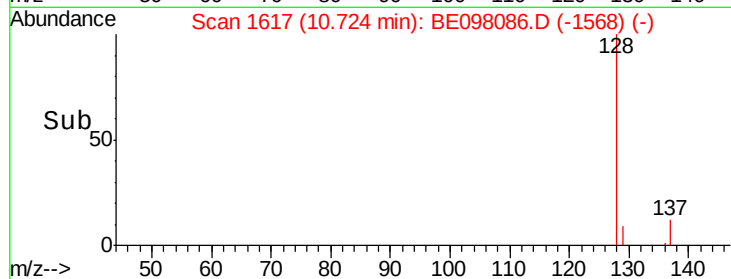
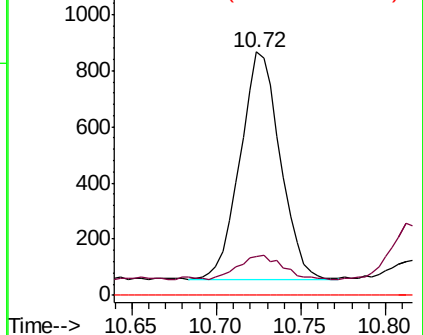
127 0.0 0.0 0.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.042 ng/ul

RT: 12.34 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BE098086.D

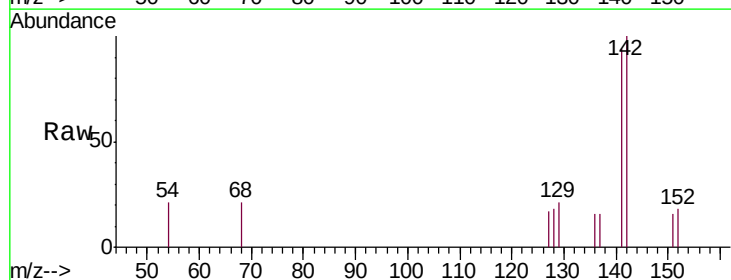
Acq: 26 Oct 2018 13:03

Tgt Ion:142 Resp: 423

Ion Ratio Lower Upper

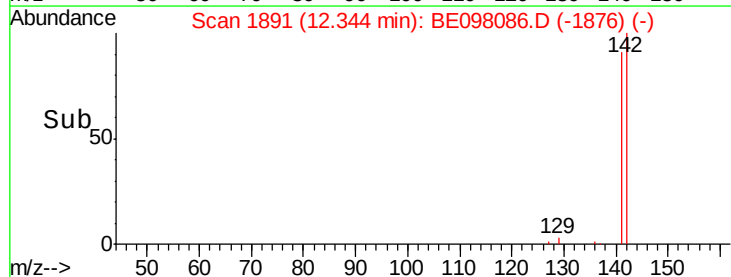
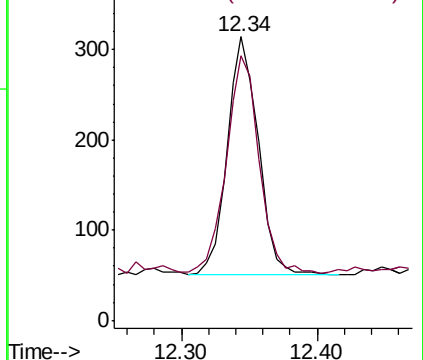
142 100

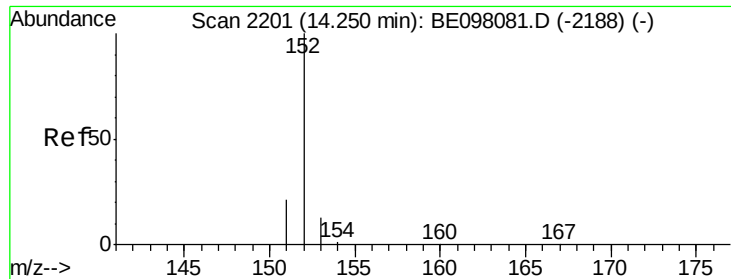
141 96.0 72.5 108.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.337 ng/ul

RT: 14.26 min Scan# 2202

Delta R.T. 0.01 min

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Instrument :

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ClientSampleId :

C0AE3

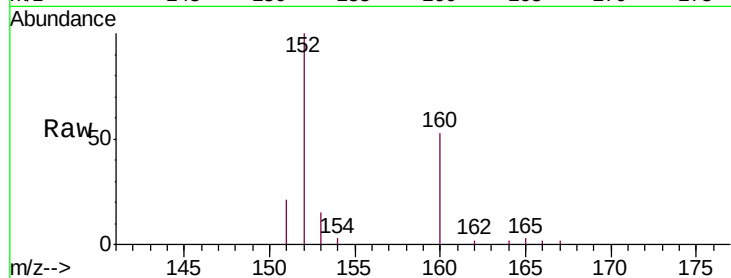
Tgt Ion:152 Resp: 5278

Ion Ratio Lower Upper

152 100

151 20.7 17.3 25.9

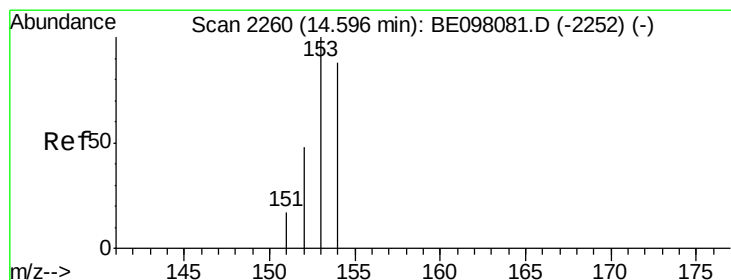
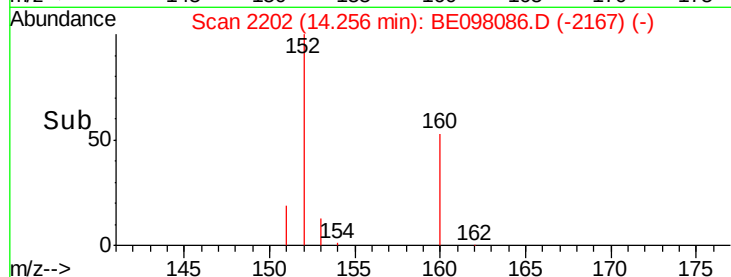
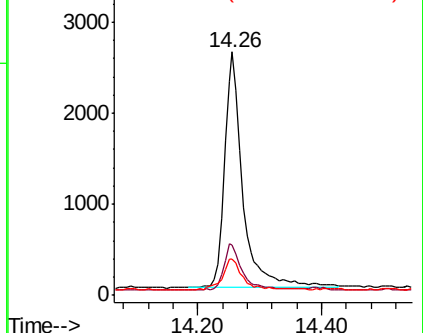
153 14.9 11.9 17.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.031 ng/ul

RT: 14.60 min Scan# 2260

Delta R.T. -0.00 min

Lab File: BE098086.D

Acq: 26 Oct 2018 13:03

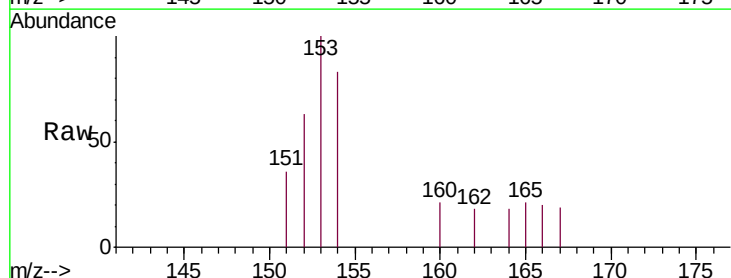
Tgt Ion:153 Resp: 358

Ion Ratio Lower Upper

153 100

152 63.4 39.4 59.0#

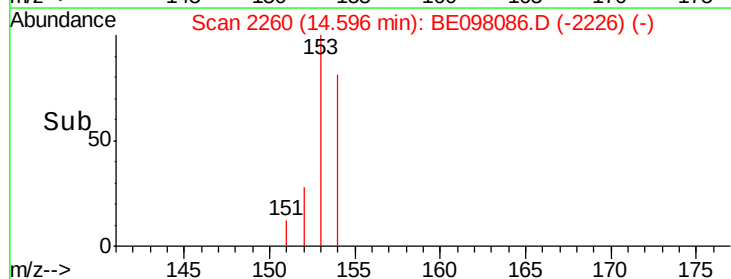
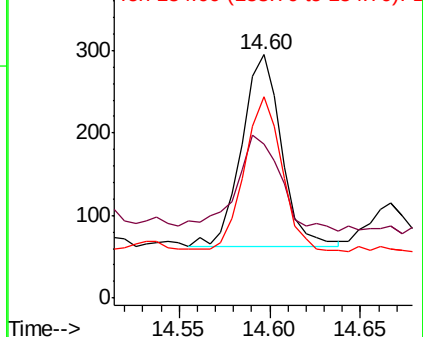
154 82.7 70.5 105.7

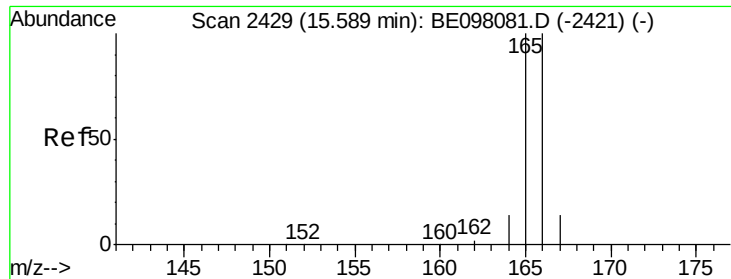


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

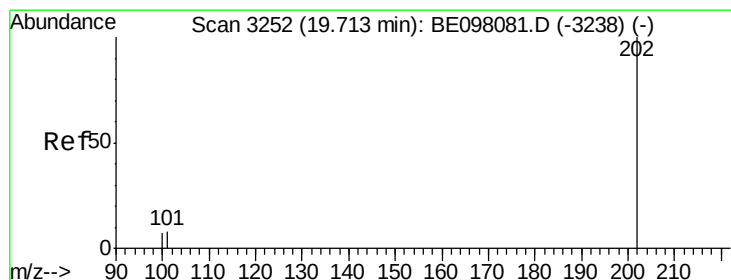
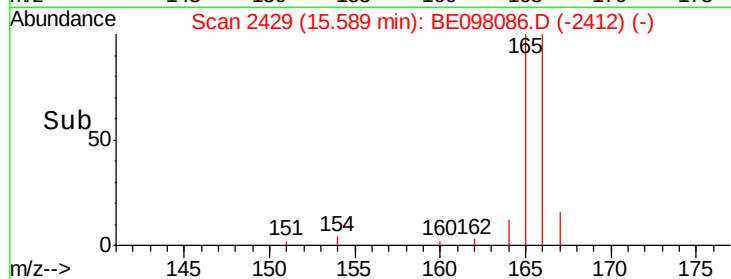
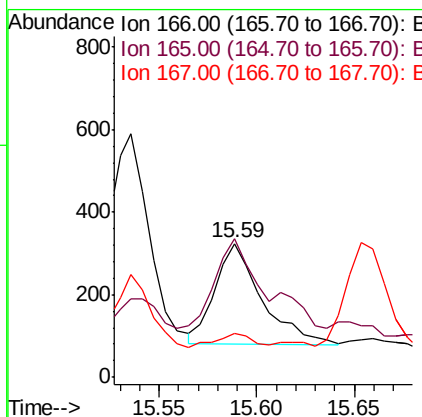
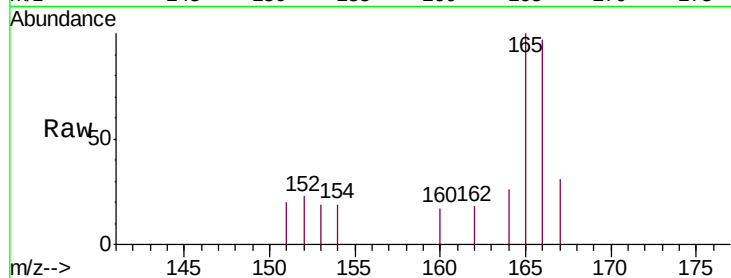




#9
Fluorene
Concen: 0.029 ng/ul
RT: 15.59 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BE098086.D
Acq: 26 Oct 2018 13:03

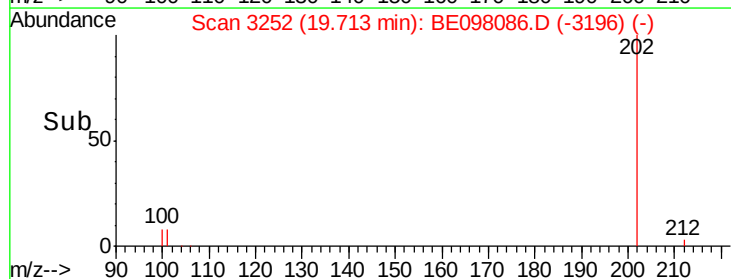
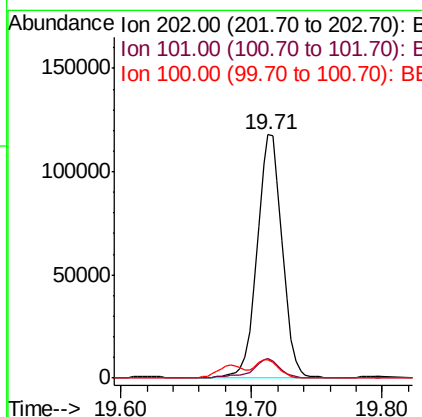
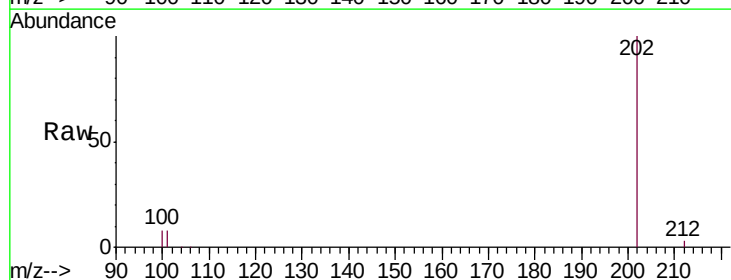
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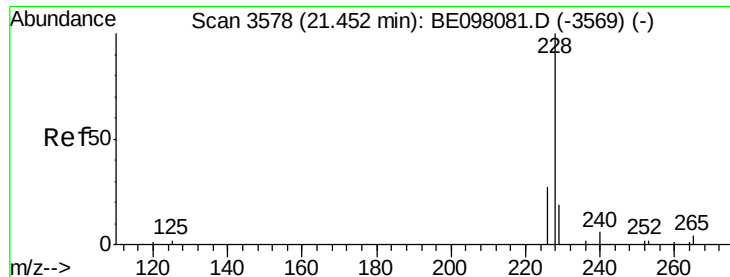
Tgt Ion:166 Resp: 405
Ion Ratio Lower Upper
166 100
165 103.4 80.2 120.4
167 32.4 12.0 18.0#



#17
Pyrene
Concen: 1764.948 ng/ul
RT: 19.71 min Scan# 3252
Delta R.T. -0.00 min
Lab File: BE098086.D
Acq: 26 Oct 2018 13:03

Tgt Ion:202 Resp: 156598
Ion Ratio Lower Upper
202 100
101 8.0 6.9 10.3
100 7.6 6.0 9.0





#18

Benzo(a)anthracene

Concen: 1318.202 ng/ul

RT: 21.51 min Scan# 3586

Delta R.T. 0.06 min

Lab File: BE098086.D

Acq: 26 Oct 2018 13:03

Instrument :

BNA_E

ClientSampleId :

C0AE3

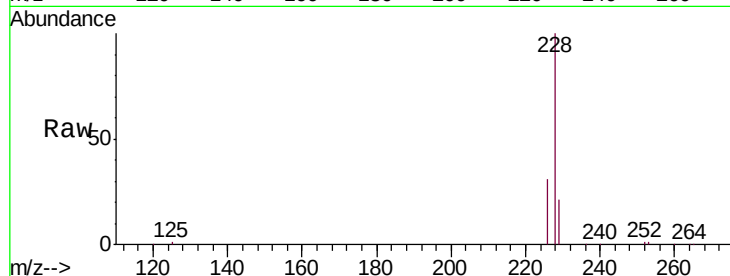
Tgt Ion:228 Resp: 147280

Ion Ratio Lower Upper

228 100

229 20.7 16.1 24.1

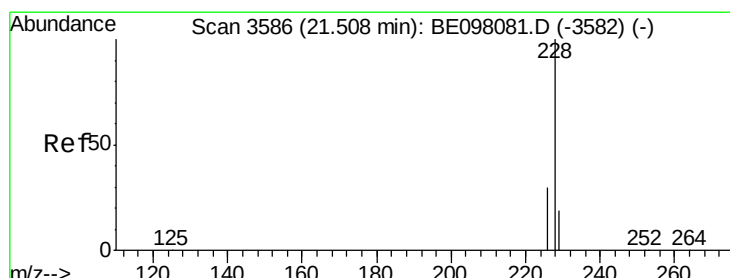
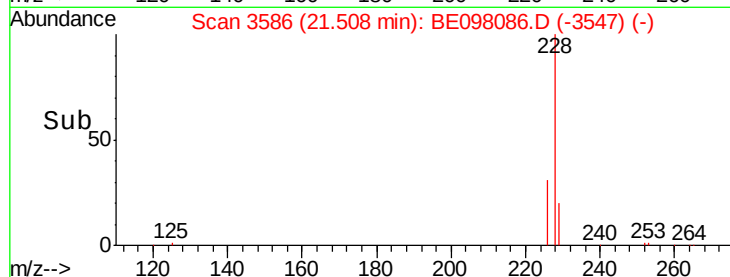
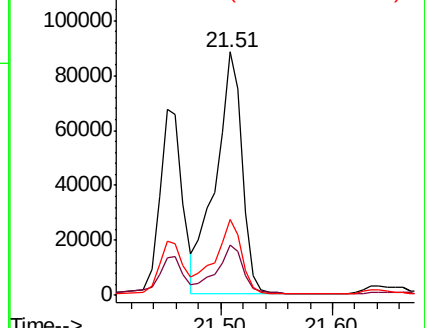
226 31.2 22.2 33.4



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: 1704.075 ng/ul

RT: 21.51 min Scan# 3586

Delta R.T. -0.00 min

Lab File: BE098086.D

Acq: 26 Oct 2018 13:03

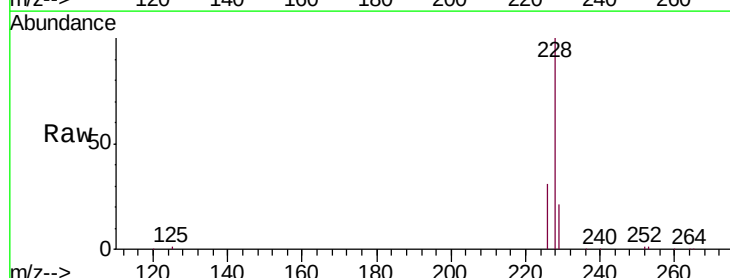
Tgt Ion:228 Resp: 147280

Ion Ratio Lower Upper

228 100

226 31.2 24.6 37.0

229 20.7 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

