

Data File : BM021872.D
Acq On : 06 Aug 2019 23:33
Operator : HP/JU
Sample : K3893-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP13

Quant Time: Aug 07 04:06:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 04:02:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	856	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.40	136	3635	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	2062	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.13	188	297511	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.25
20) Perylene-d12	23.31	264	374641	0.40	ng/ul	-0.15

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1487	0.25	ng/ul	-0.02
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

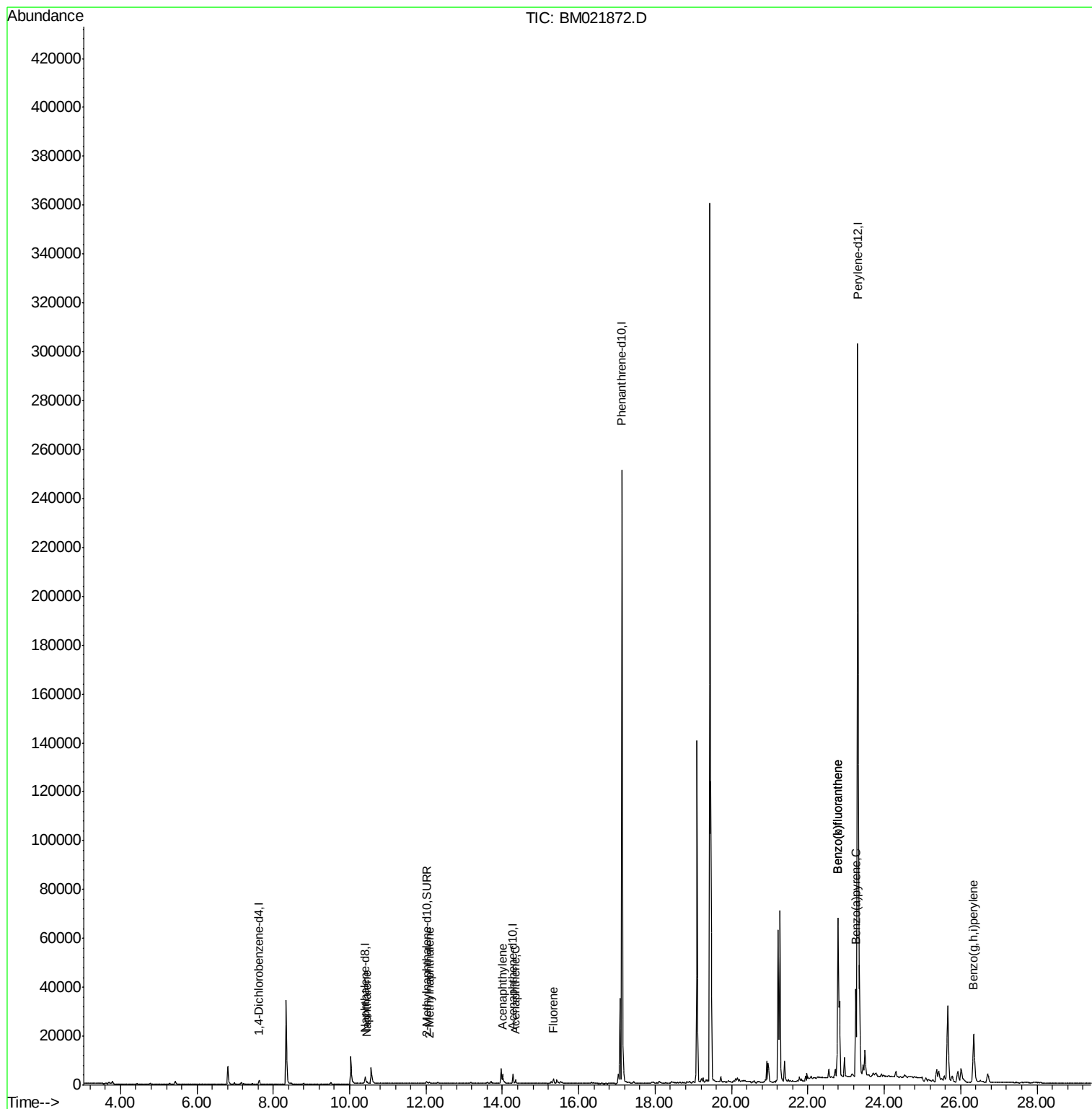
Target Compounds				Qvalue		
3) Naphthalene	10.45	128	818	0.080	ng/ul#	89
5) 2-Methylnaphthalene	12.09	142	370	0.054	ng/ul	99
7) Acenaphthylene	14.00	152	2597	0.270	ng/ul#	83
8) Acenaphthene	14.34	153	1101	0.140	ng/ul	98
9) Fluorene	15.34	166	1406	0.161	ng/ul#	98
21) Benzo(b)fluoranthene	22.79	252	129157	0.102	ng/ul	82
22) Benzo(k)fluoranthene	22.79	252	124021	0.087	ng/ul#	83
23) Benzo(a)pyrene	23.26	252	48849	0.038	ng/ul#	78
26) Benzo(g,h,i)perylene	26.34	276	38417	0.028	ng/ul	96

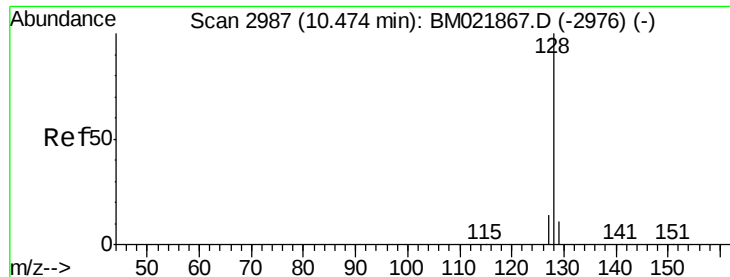
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.080 ng/ul

RT: 10.45 min Scan# 2982

Delta R.T. -0.02 min

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BNA_M

ClientSampleId :

BEP13

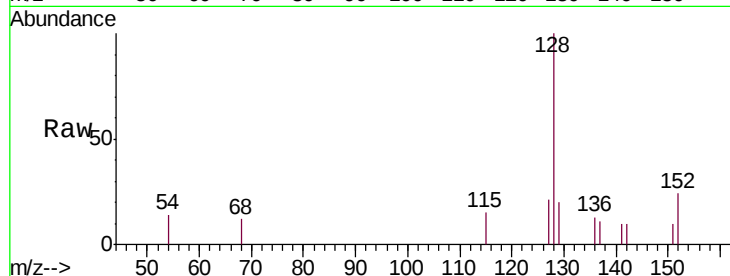
Tgt Ion:128 Resp: 818

Ion Ratio Lower Upper

128 100

129 19.7 12.3 18.5#

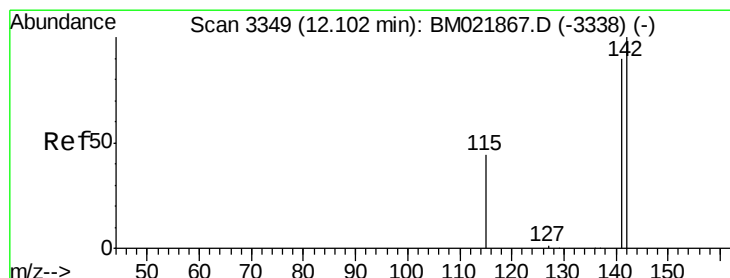
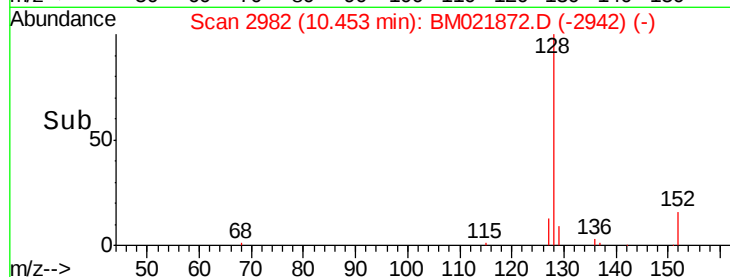
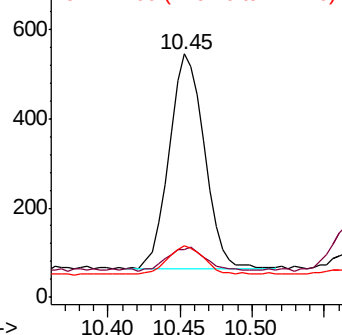
127 21.3 13.0 19.6#



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: 0.054 ng/ul

RT: 12.09 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BM021872.D

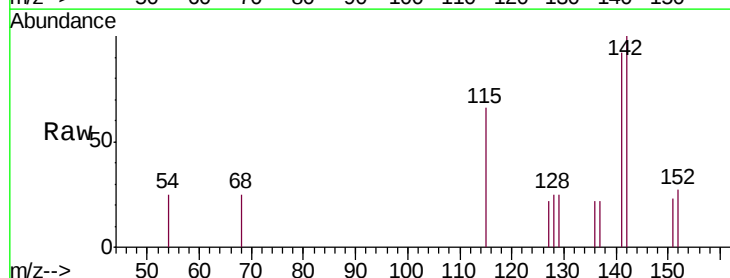
Acq: 06 Aug 2019 23:33

Tgt Ion:142 Resp: 370

Ion Ratio Lower Upper

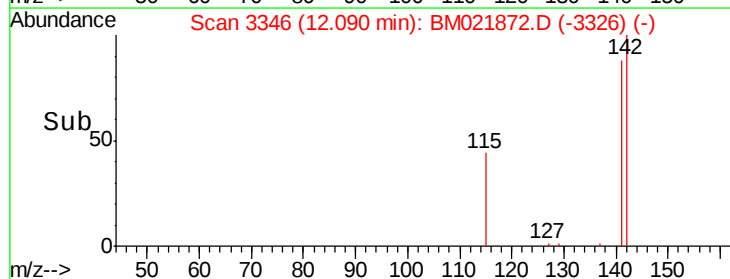
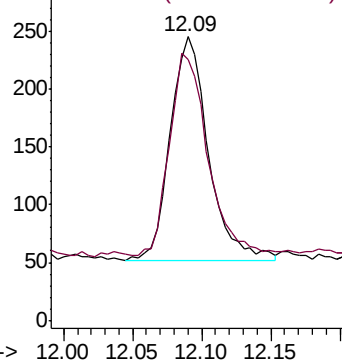
142 100

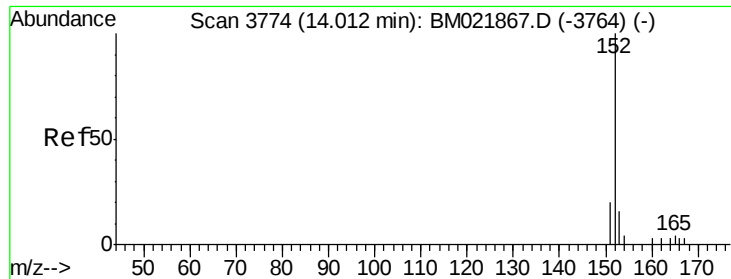
141 91.9 74.3 111.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.270 ng/ul

RT: 14.00 min Scan# 3771

Delta R.T. -0.01 min

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ClientSampleId :

BEP13

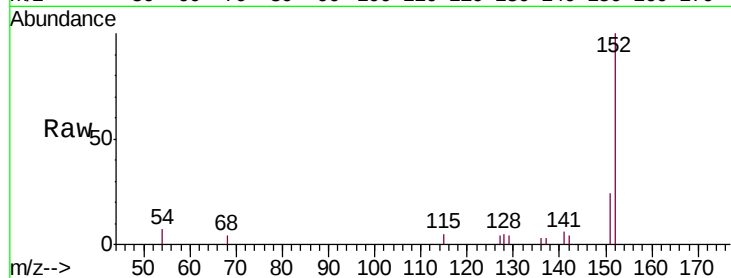
Tgt Ion:152 Resp: 2597

Ion Ratio Lower Upper

152 100

151 24.3 18.3 27.5

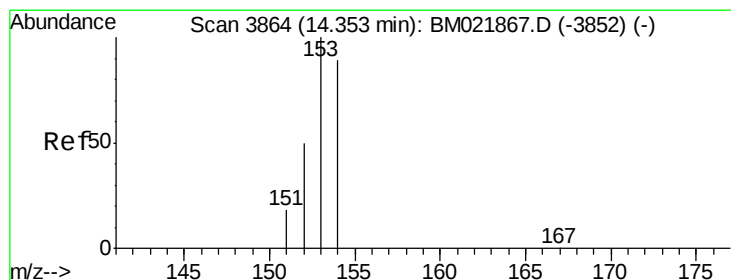
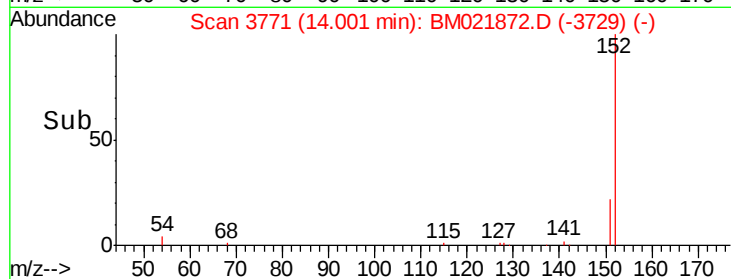
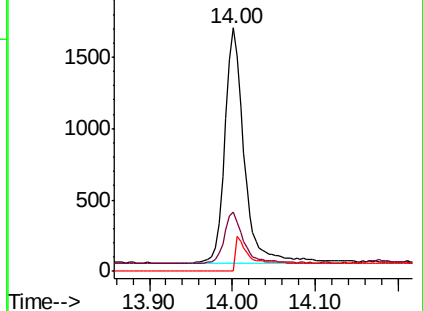
153 0.0 12.8 19.2#



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: 0.140 ng/ul

RT: 14.34 min Scan# 3861

Delta R.T. -0.01 min

Lab File: BM021872.D

Acq: 06 Aug 2019 23:33

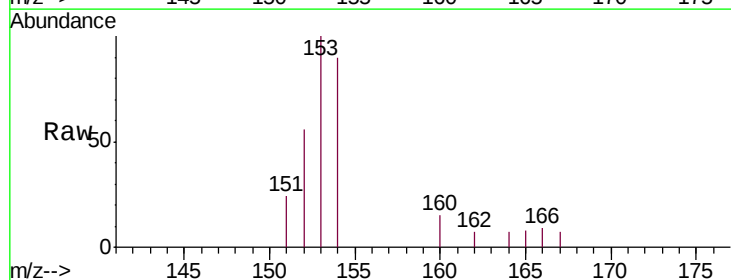
Tgt Ion:153 Resp: 1101

Ion Ratio Lower Upper

153 100

152 55.7 41.3 61.9

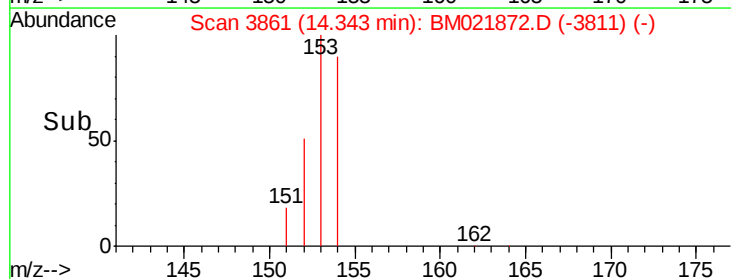
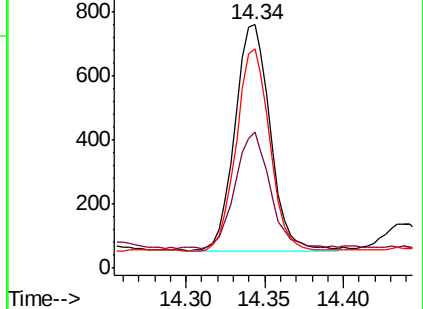
154 90.1 72.3 108.5

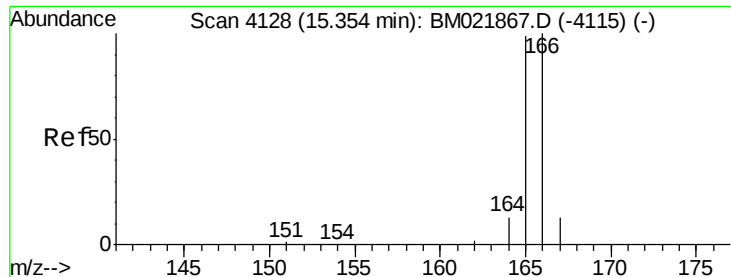


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.161 ng/ul

RT: 15.34 min Scan# 4123

Delta R.T. -0.02 min

Lab File: BM021872.D

Acq: 06 Aug 2019 23:33

Instrument :

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ClientSampleId :

BEP13

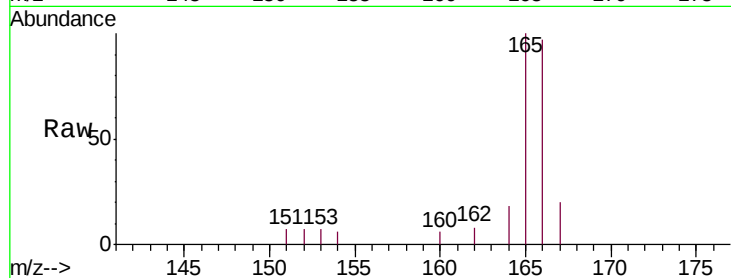
Tgt Ion:166 Resp: 1406

Ion Ratio Lower Upper

166 100

165 103.2 81.4 122.0

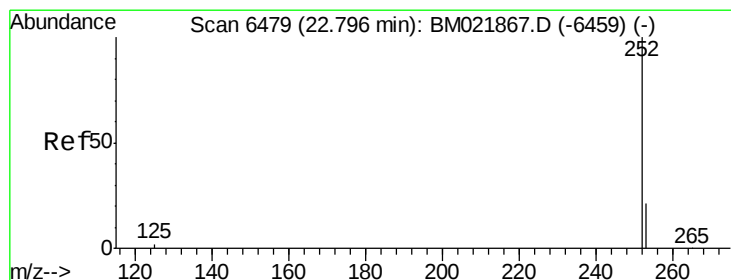
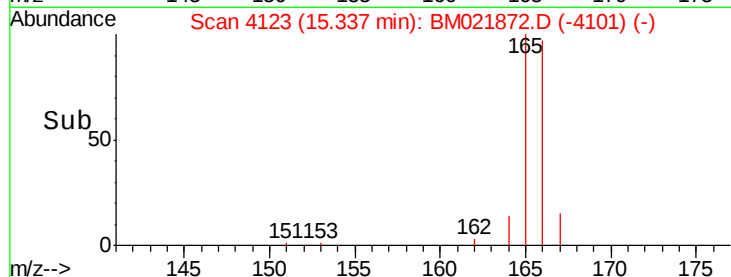
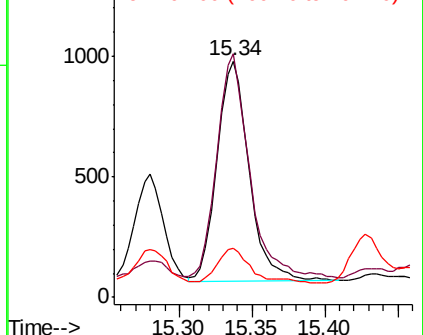
167 20.8 13.7 20.5#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#21

Benzo(b)fluoranthene

Concen: 0.102 ng/ul

RT: 22.79 min Scan# 6474

Delta R.T. -0.01 min

Lab File: BM021872.D

Acq: 06 Aug 2019 23:33

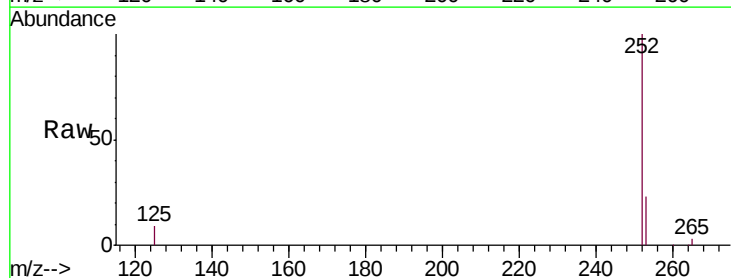
Tgt Ion:252 Resp: 129157

Ion Ratio Lower Upper

252 100

253 23.2 0.0 67.4

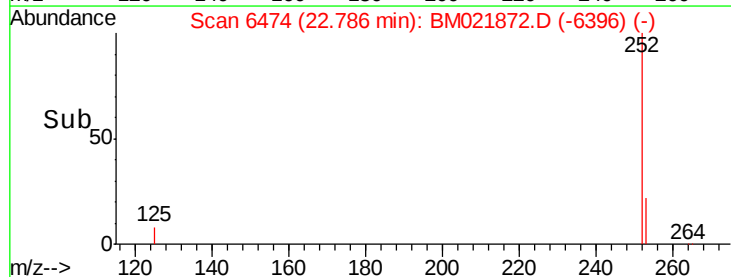
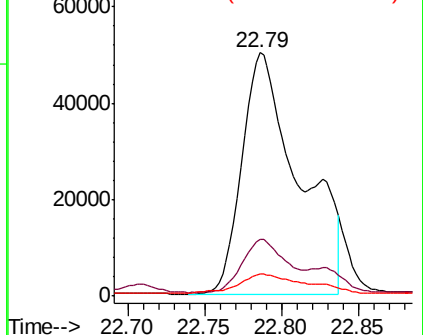
125 8.9 0.0 31.0

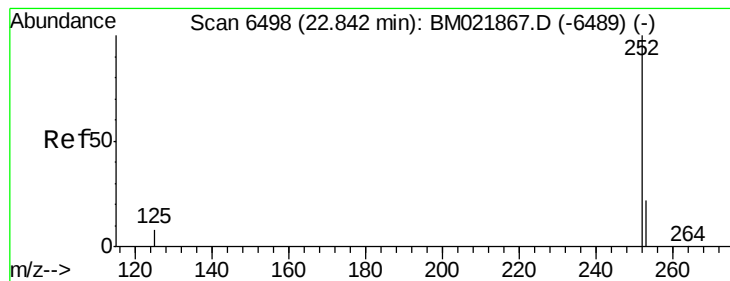


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.087 ng/ul

RT: 22.79 min Scan# 6474

Delta R.T. -0.06 min

Lab File: BM021872.D

Acq: 06 Aug 2019 23:33

Instrument :

BNA_M

ClientSampleId :

BEP13

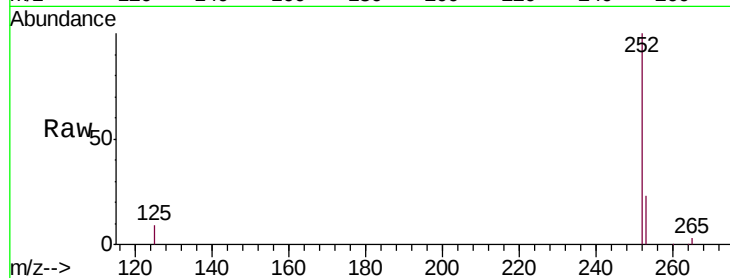
Tgt Ion:252 Resp: 124021

Ion Ratio Lower Upper

252 100

253 23.2 27.0 40.4#

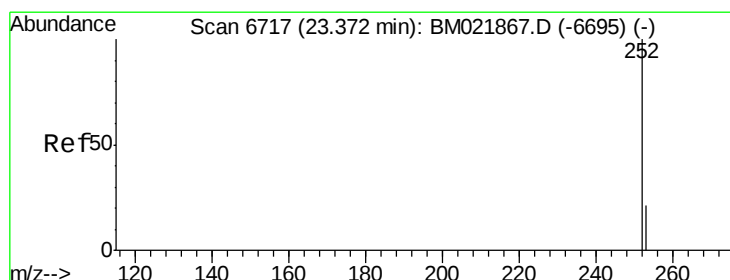
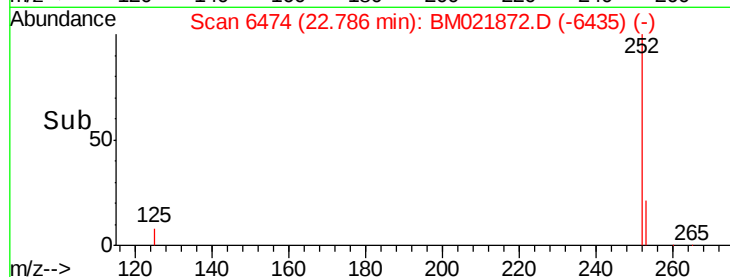
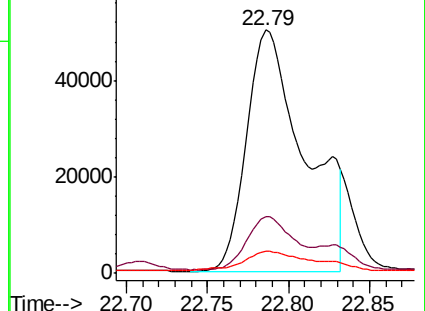
125 8.9 12.2 18.2#



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



#23

Benzo(a)pyrene

Concen: 0.038 ng/ul

RT: 23.26 min Scan# 6668

Delta R.T. -0.12 min

Lab File: BM021872.D

Acq: 06 Aug 2019 23:33

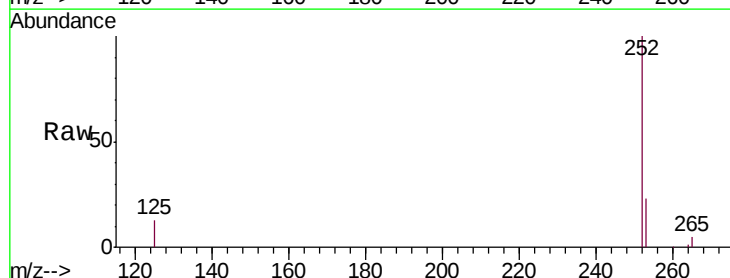
Tgt Ion:252 Resp: 48849

Ion Ratio Lower Upper

252 100

253 23.1 31.7 47.5#

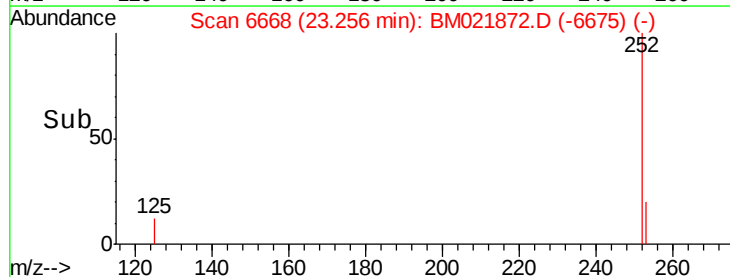
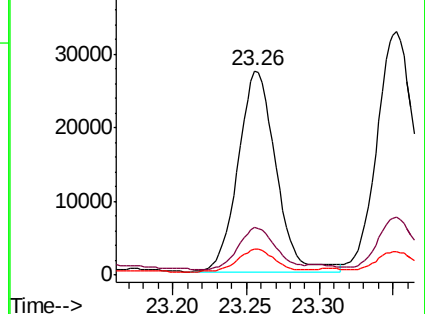
125 12.7 14.6 21.8#

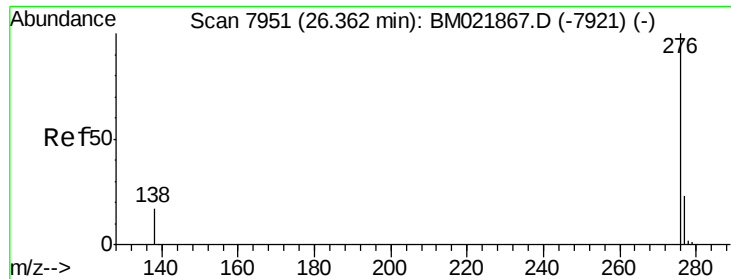


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(g,h,i)perylene

Concen: 0.028 ng/ul

RT: 26.34 min Scan# 7942

Delta R.T. -0.02 min

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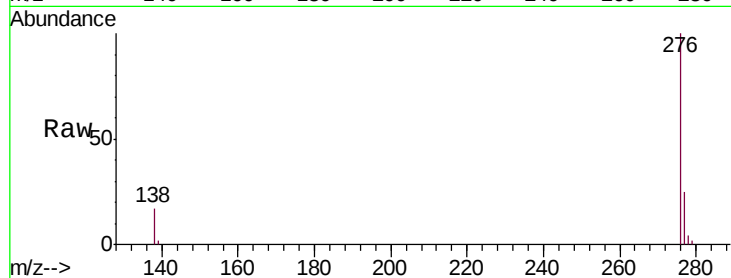
Tgt Ion: 276 Resp: 38417

Ion Ratio Lower Upper

276 100

138 17.2 15.5 23.3

277 24.7 21.4 32.2



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

