

Data File : BM021811.D
Acq On : 04 Aug 2019 14:10
Operator : HP/JU
Sample : K3850-16RE
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENR8

Quant Time: Aug 05 05:30:24 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 : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1004	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	4050	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.29	164	2477	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.14	188	301017	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	441211	0.40	ng/ul	-0.15

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1200	0.18	ng/ul	-0.01
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

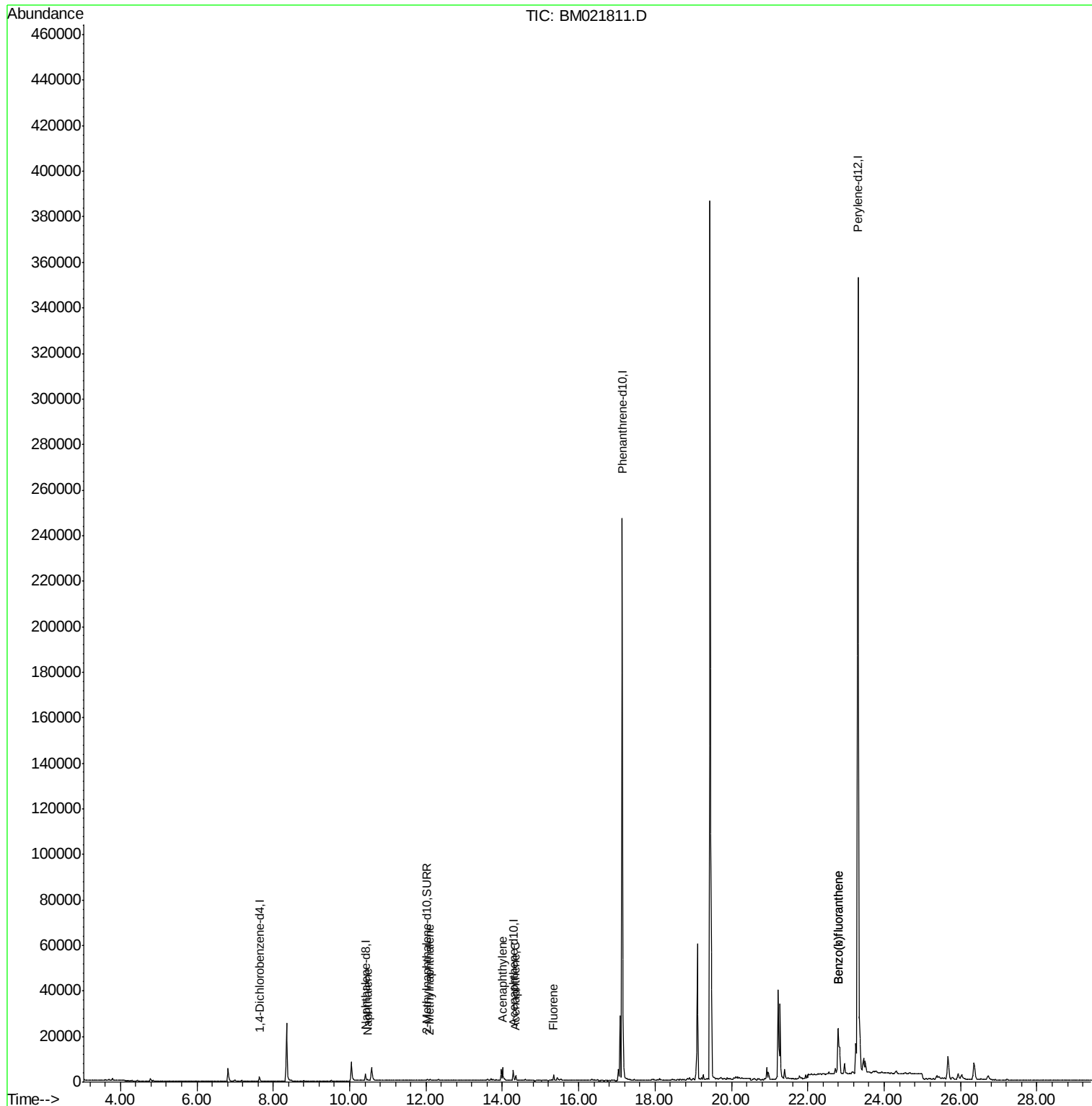
Target Compounds				Qvalue		
3) Naphthalene	10.46	128	613	0.054	ng/ul#	81
5) 2-Methylnaphthalene	12.10	142	339	0.044	ng/ul	98
7) Acenaphthylene	14.01	152	1237	0.107	ng/ul#	95
8) Acenaphthene	14.35	153	1392	0.147	ng/ul	97
9) Fluorene	15.34	166	1533	0.146	ng/ul	99
21) Benzo(b)fluoranthene	22.79	252	44315	0.030	ng/ul	86
22) Benzo(k)fluoranthene	22.79	252	41031	0.024	ng/ul#	87

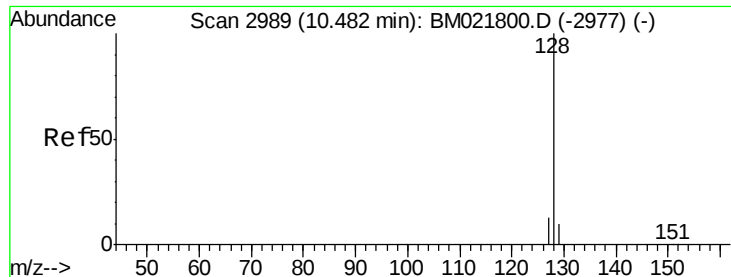
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.054 ng/ul

RT: 10.46 min Scan# 2984

Delta R.T. -0.02 min

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BNA_M

ClientSampleId :

BENR8

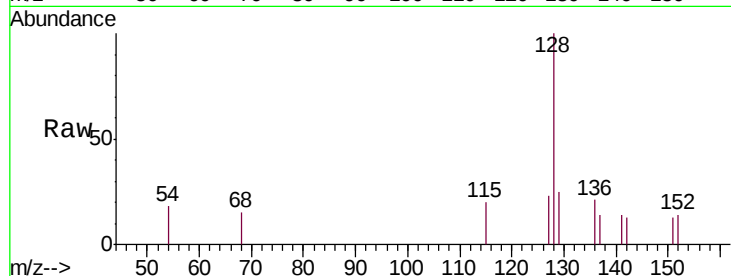
Tgt Ion:128 Resp: 613

Ion Ratio Lower Upper

128 100

129 24.8 12.3 18.5#

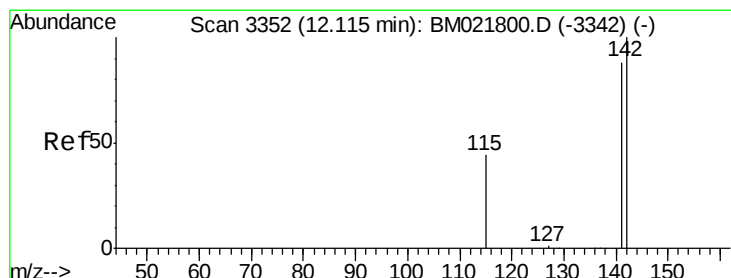
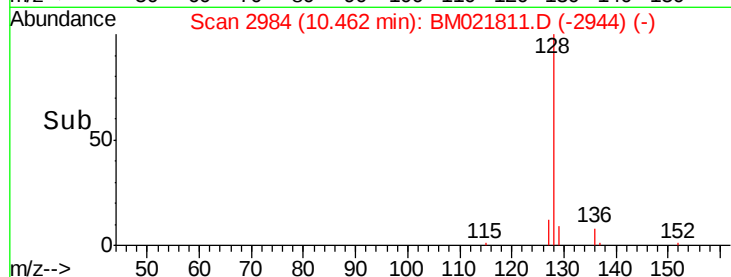
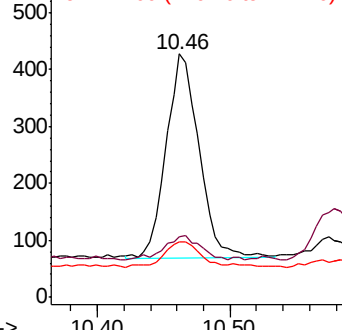
127 22.7 13.0 19.6#



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: 0.044 ng/ul

RT: 12.10 min Scan# 3349

Delta R.T. -0.01 min

Lab File: BM021811.D

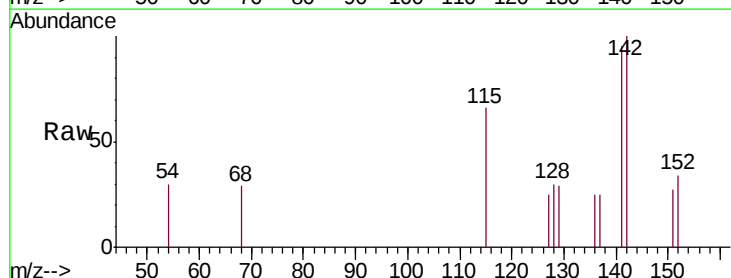
Acq: 04 Aug 2019 14:10

Tgt Ion:142 Resp: 339

Ion Ratio Lower Upper

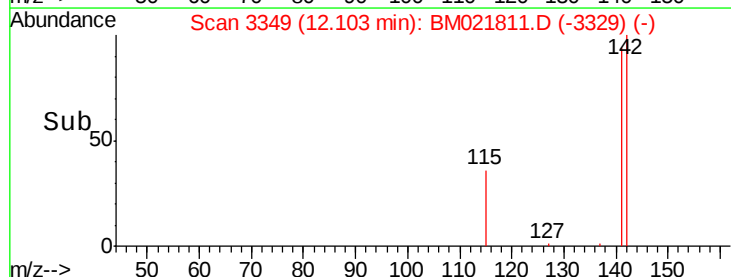
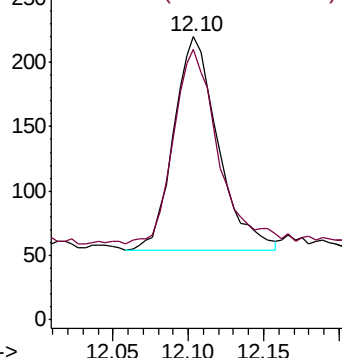
142 100

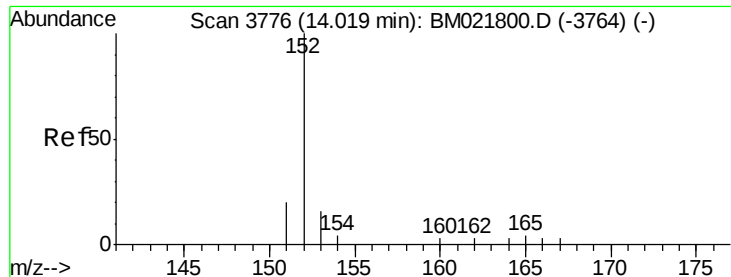
141 94.4 74.3 111.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.107 ng/ul

RT: 14.01 min Scan# 3773

Delta R.T. -0.01 min

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Acq: 04 Aug 2019 14:10

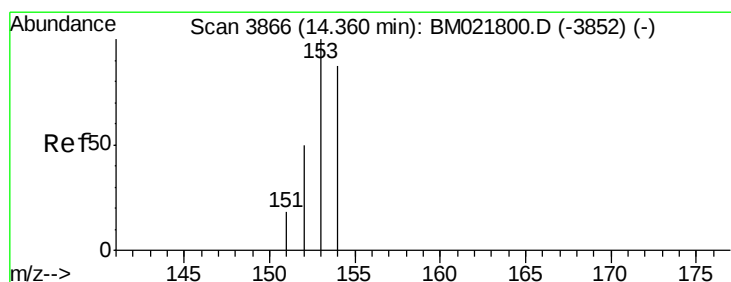
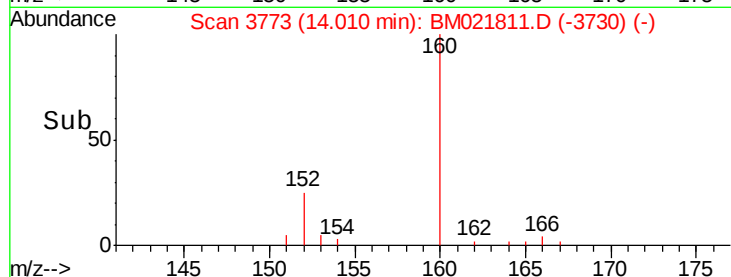
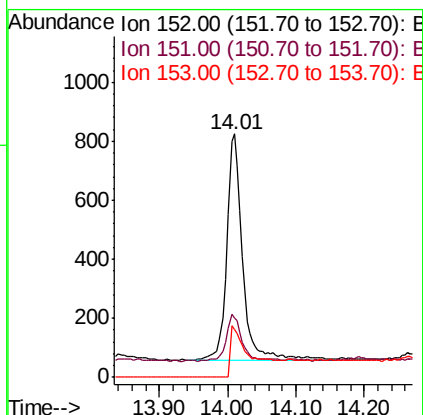
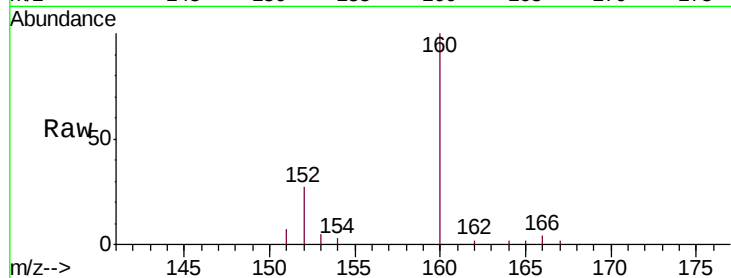
Instrument :

BNA_M

ClientSampleId :

BENR8

Tgt Ion:	152	Resp:	1237
Ion	Ratio	Lower	Upper
152	100		
151	24.1	18.3	27.5
153	19.6	12.8	19.2#



#8

Acenaphthene

Concen: 0.147 ng/ul

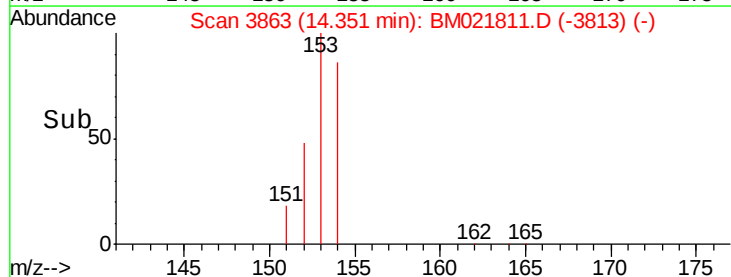
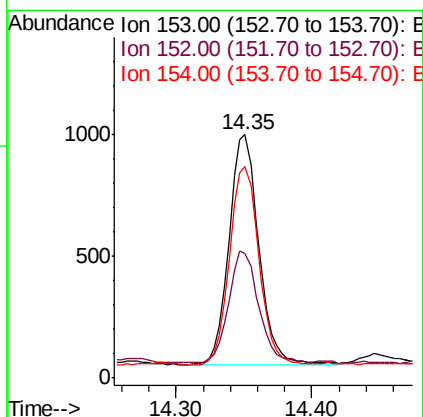
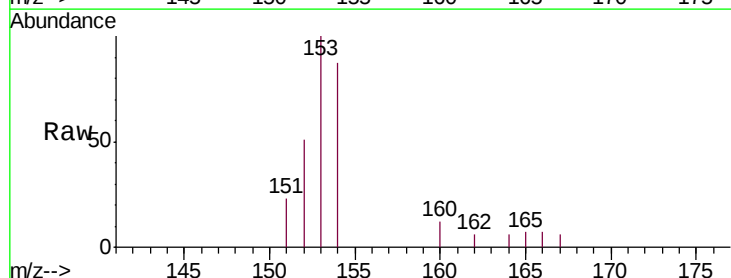
RT: 14.35 min Scan# 3863

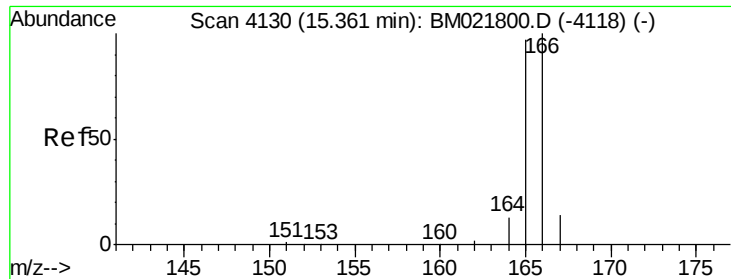
Delta R.T. -0.01 min

Lab File: BM021811.D

Acq: 04 Aug 2019 14:10

Tgt Ion:	153	Resp:	1392
Ion	Ratio	Lower	Upper
153	100		
152	51.2	41.3	61.9
154	86.7	72.3	108.5





#9

Fluorene

Concen: 0.146 ng/ul

RT: 15.34 min Scan# 4125

Delta R.T. -0.02 min

Lab File: BM021811.D

Acq: 04 Aug 2019 14:10

Instrument :

BNA_M

ClientSampleId :

BENR8

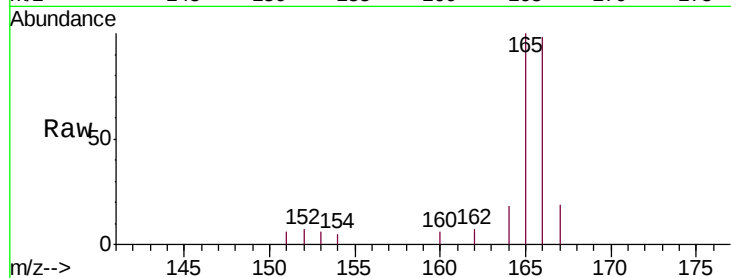
Tgt Ion:166 Resp: 1533

Ion Ratio Lower Upper

166 100

165 101.6 81.4 122.0

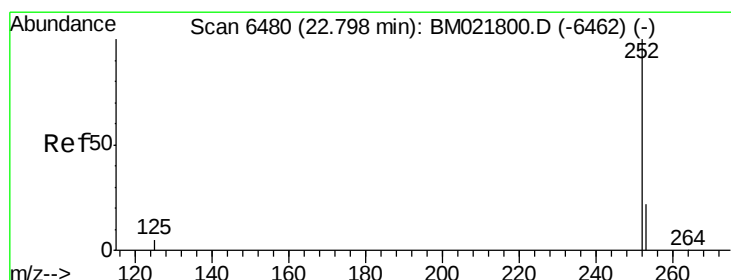
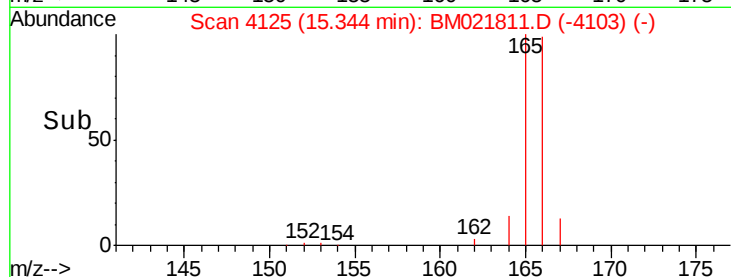
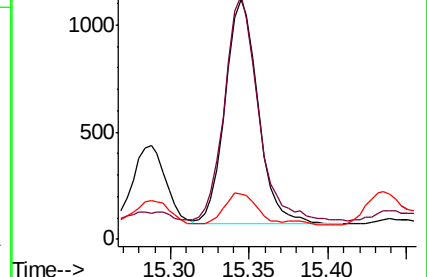
167 19.0 13.7 20.5



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: 0.030 ng/ul

RT: 22.79 min Scan# 6477

Delta R.T. -0.01 min

Lab File: BM021811.D

Acq: 04 Aug 2019 14:10

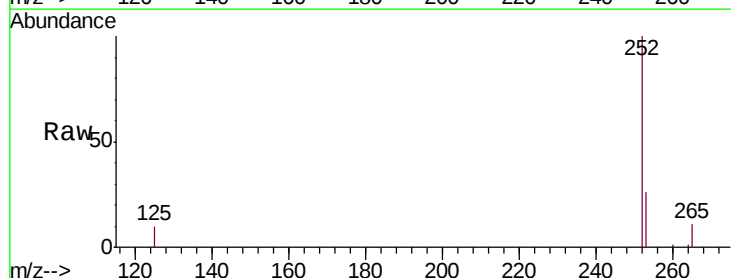
Tgt Ion:252 Resp: 44315

Ion Ratio Lower Upper

252 100

253 25.6 0.0 67.4

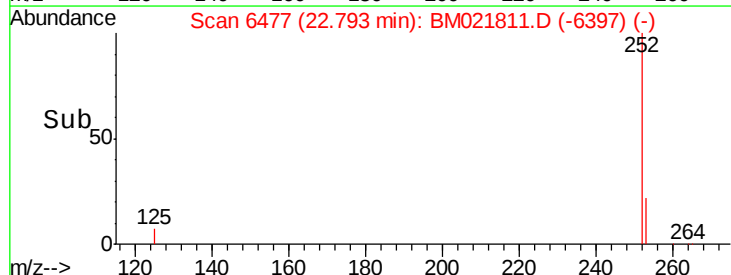
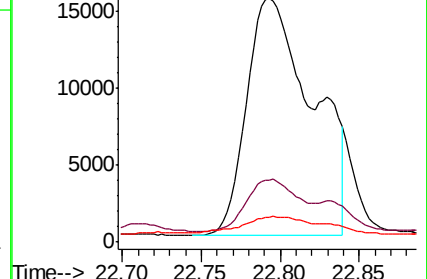
125 10.4 0.0 31.0

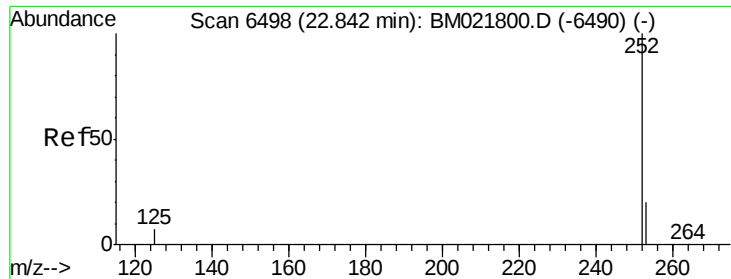


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.024 ng/ul

RT: 22.79 min Scan# 6477

Delta R.T. -0.05 min

Lab File: BM021811.D

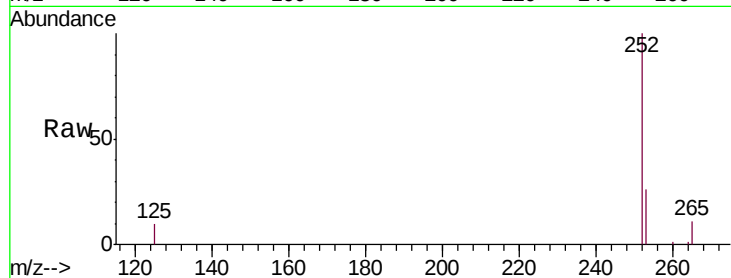
Acq: 04 Aug 2019 14:10

Instrument :

BNA_M

ClientSampleId :

BENR8



Tgt Ion: 252 Resp: 41031

Ion Ratio Lower Upper

252 100

253 25.6 27.0 40.4#

125 10.4 12.2 18.2#

