

Data File : BM021812.D
Acq On : 04 Aug 2019 14:47
Operator : HP/JU
Sample : K3850--11RE
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENR7

Quant Time: Aug 05 05:30:30 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	966	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	3916	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.29	164	2306	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.14	188	208843	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.25
20) Perylene-d12	23.46	264	9794	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	878	0.14	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

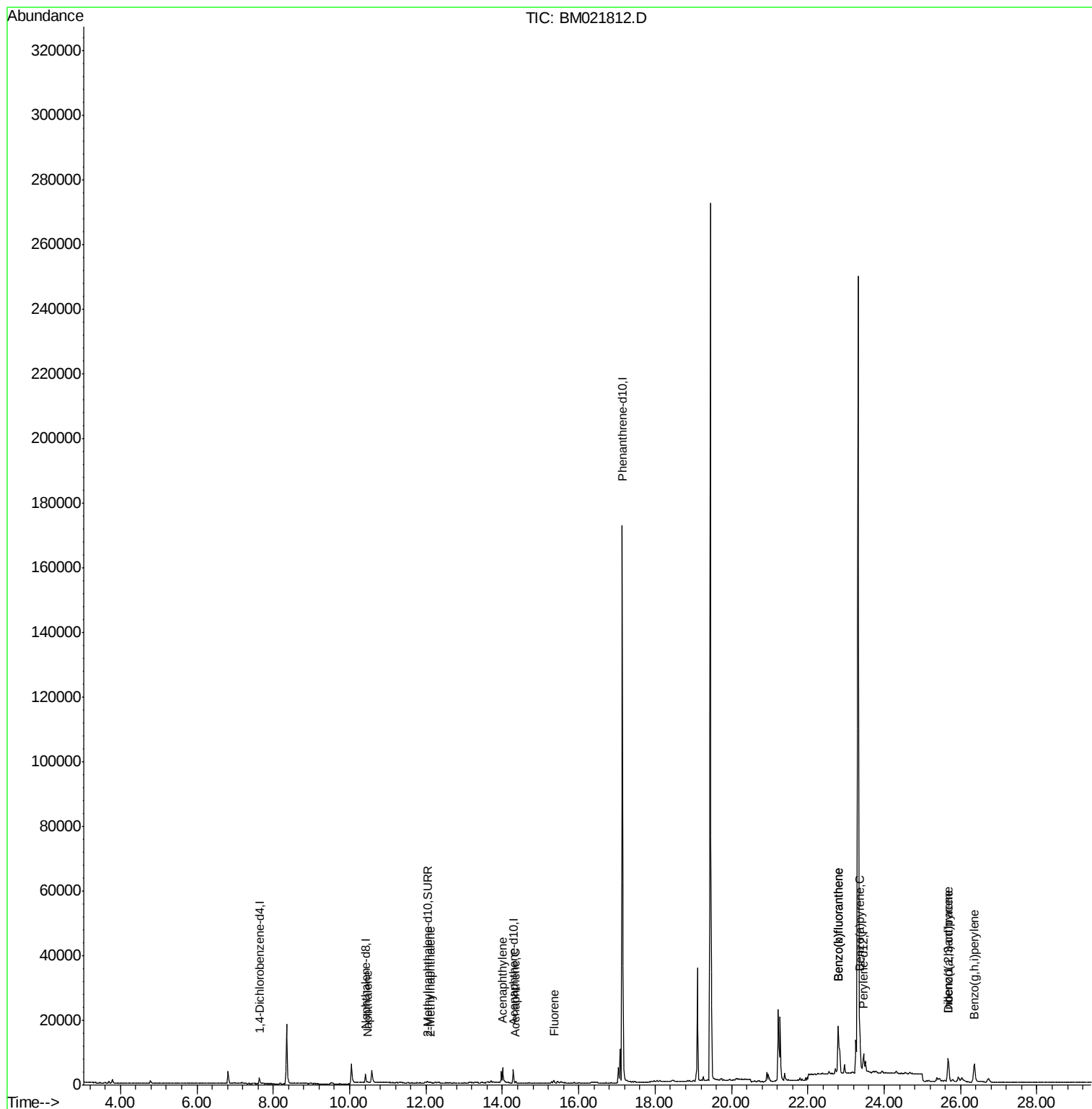
Target Compounds				Qvalue		
3) Naphthalene	10.47	128	399	0.036	ng/ul#	71
5) 2-Methylnaphthalene	12.10	142	215	0.029	ng/ul	89
7) Acenaphthylene	14.01	152	1166	0.108	ng/ul#	92
8) Acenaphthene	14.35	153	328	0.037	ng/ul	93
9) Fluorene	15.34	166	570	0.058	ng/ul#	95
21) Benzo(b)fluoranthene	22.79	252	33586	1.017	ng/ul	90
22) Benzo(k)fluoranthene	22.79	252	33586	0.899	ng/ul#	90
23) Benzo(a)pyrene	23.36	252	18223	0.543	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.68	276	12482	0.311	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.68	278	3061	0.094	ng/ul#	78
26) Benzo(g,h,i)perylene	26.36	276	12531	0.347	ng/ul	98

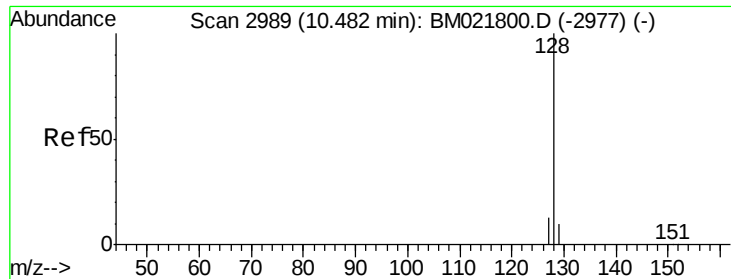
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.036 ng/ul

RT: 10.47 min Scan# 2985

Delta R.T. -0.02 min

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Instrument :

BNA_M

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BENR7

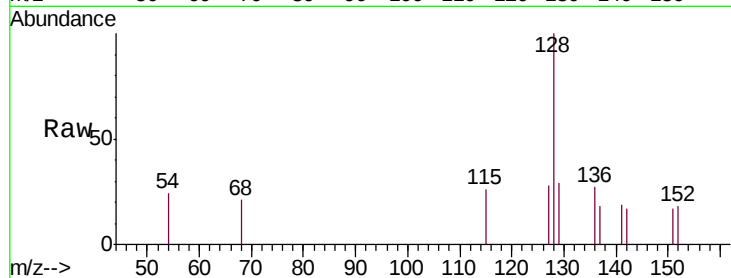
Tgt Ion:128 Resp: 399

Ion Ratio Lower Upper

128 100

129 28.8 12.3 18.5#

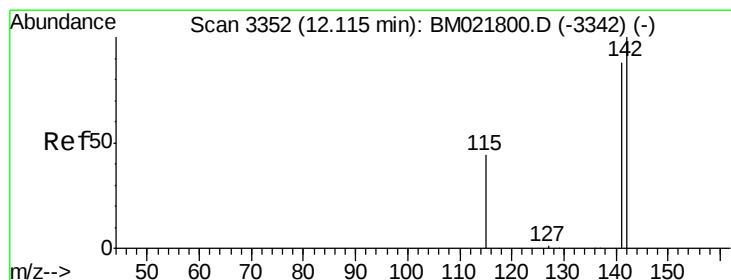
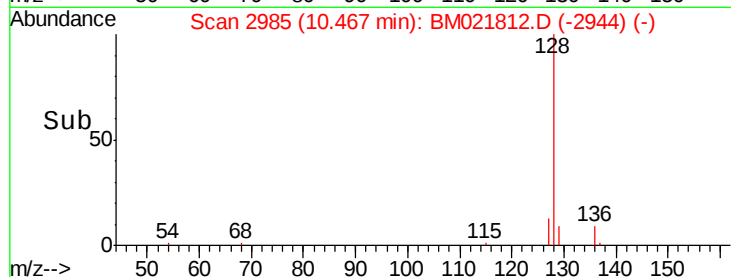
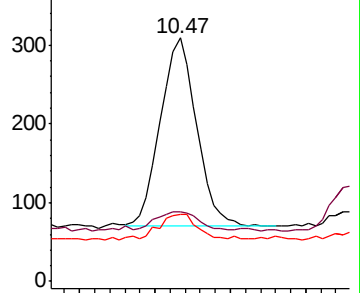
127 27.5 13.0 19.6#



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: 0.029 ng/ul

RT: 12.10 min Scan# 3349

Delta R.T. -0.01 min

Lab File: BM021812.D

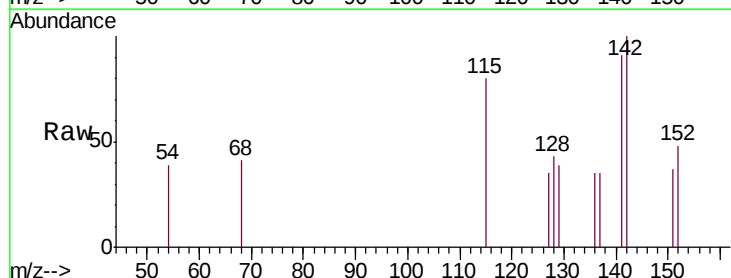
Acq: 04 Aug 2019 14:47

Tgt Ion:142 Resp: 215

Ion Ratio Lower Upper

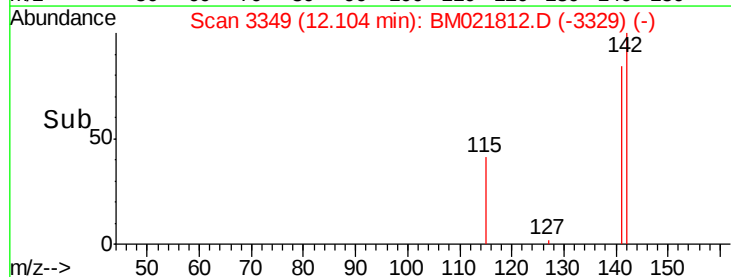
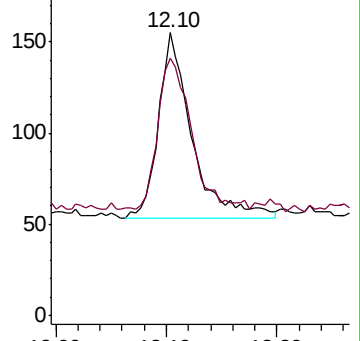
142 100

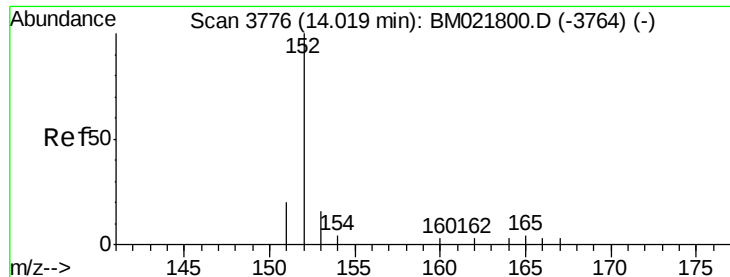
141 82.8 74.3 111.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.108 ng/ul

RT: 14.01 min Scan# 3773

Delta R.T. -0.01 min

Lab File: BM021812.D

Acq: 04 Aug 2019 14:47

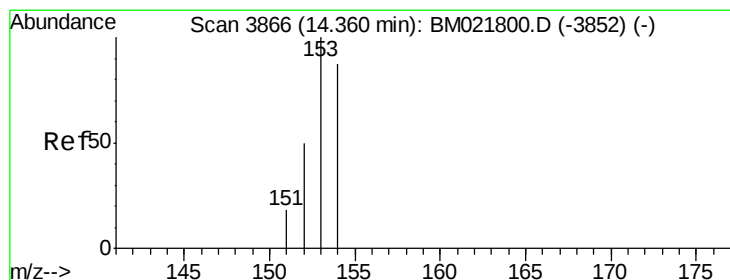
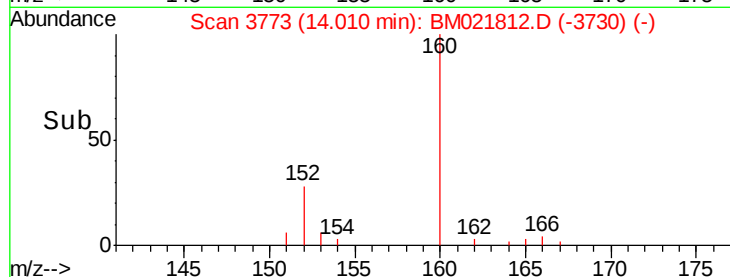
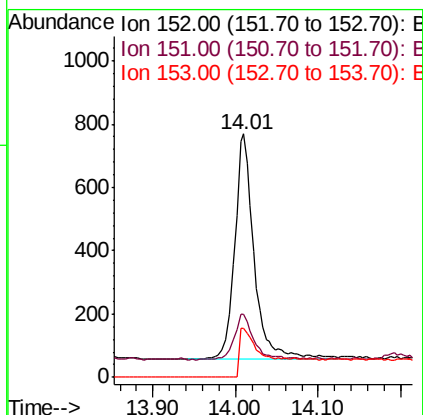
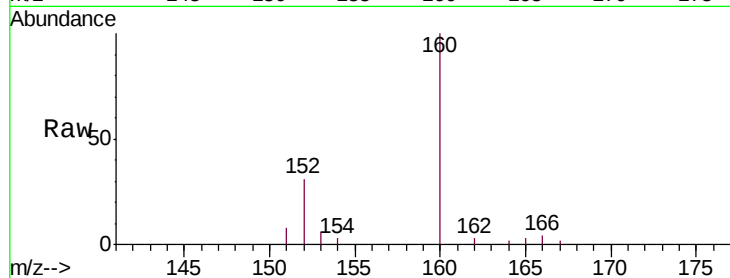
Instrument :

BNA_M

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BENR7

Tgt Ion:	152	Resp:	1166
Ion	Ratio	Lower	Upper
152	100		
151	25.7	18.3	27.5
153	20.3	12.8	19.2#



#8

Acenaphthene

Concen: 0.037 ng/ul

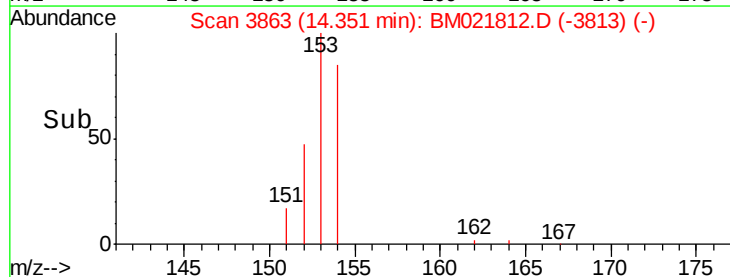
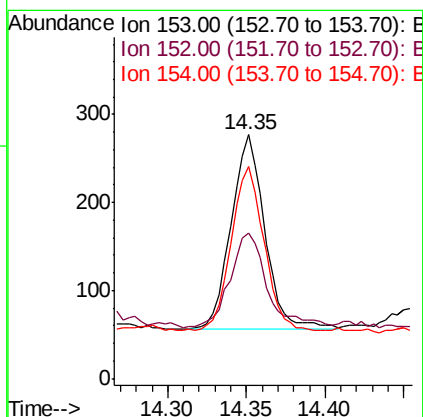
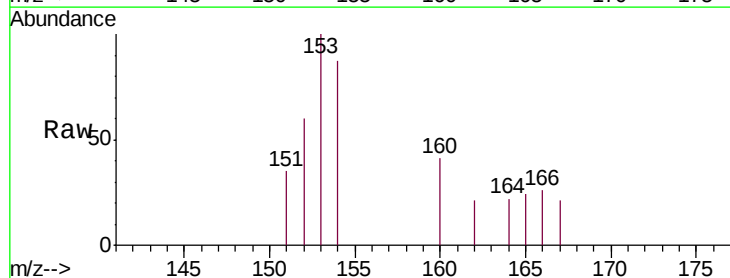
RT: 14.35 min Scan# 3863

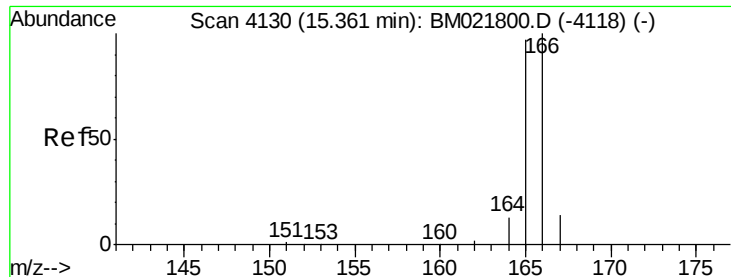
Delta R.T. -0.01 min

Lab File: BM021812.D

Acq: 04 Aug 2019 14:47

Tgt Ion:	153	Resp:	328
Ion	Ratio	Lower	Upper
153	100		
152	59.9	41.3	61.9
154	87.0	72.3	108.5





#9

Fluorene

Concen: 0.058 ng/ul

RT: 15.34 min Scan# 4125

Delta R.T. -0.02 min

Lab File: BM021812.D

Acq: 04 Aug 2019 14:47

Instrument :

BNA_M

ClientSampleId :

BENR7

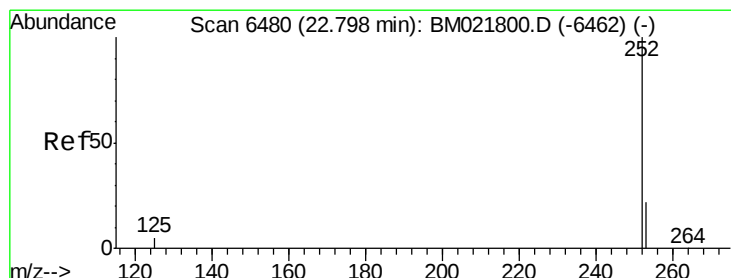
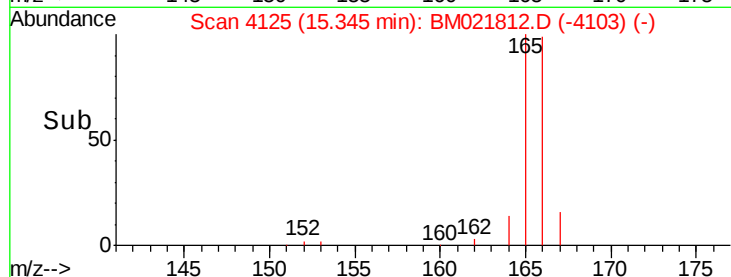
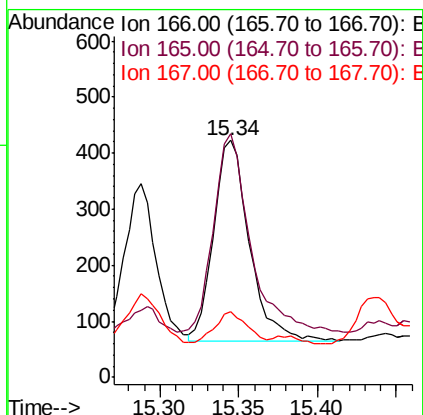
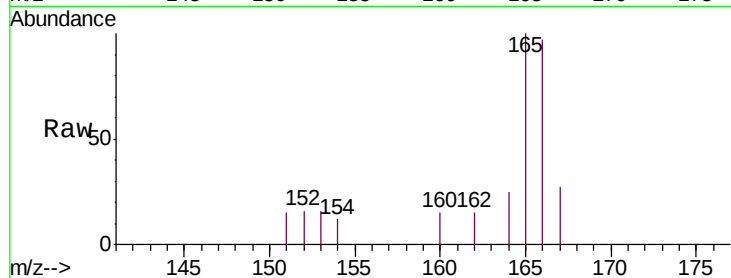
Tgt Ion:166 Resp: 570

Ion Ratio Lower Upper

166 100

165 102.8 81.4 122.0

167 28.0 13.7 20.5#



#21

Benzo(b)fluoranthene

Concen: 1.017 ng/ul

RT: 22.79 min Scan# 6477

Delta R.T. -0.01 min

Lab File: BM021812.D

Acq: 04 Aug 2019 14:47

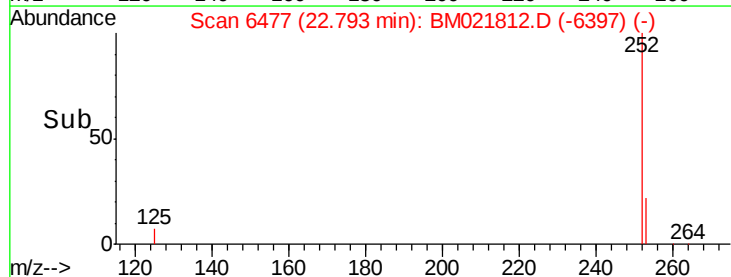
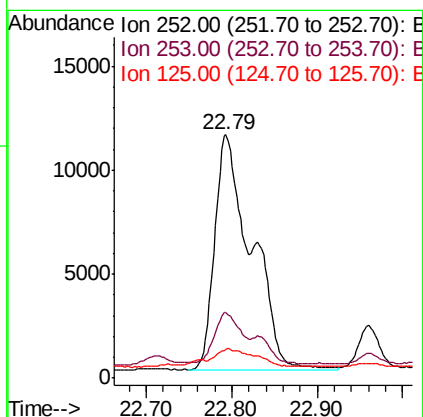
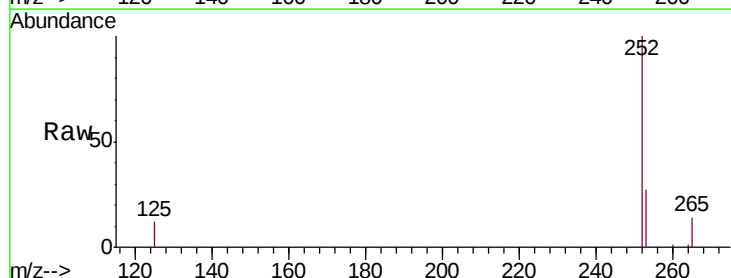
Tgt Ion:252 Resp: 33586

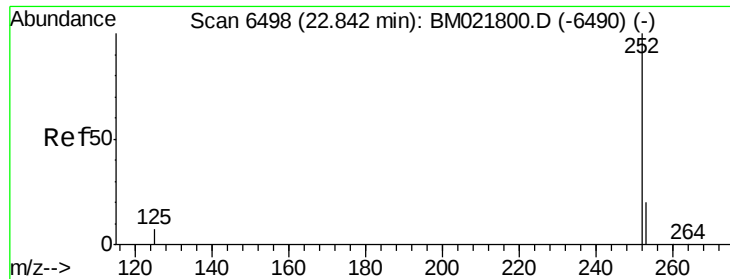
Ion Ratio Lower Upper

252 100

253 27.2 0.0 67.4

125 12.0 0.0 31.0





#22

Benzo(k)fluoranthene

Concen: 0.899 ng/ul

RT: 22.79 min Scan# 6477

Delta R.T. -0.05 min

Lab File: BM021812.D

Acq: 04 Aug 2019 14:47

Instrument :

BNA_M

ClientSampleId :

BENR7

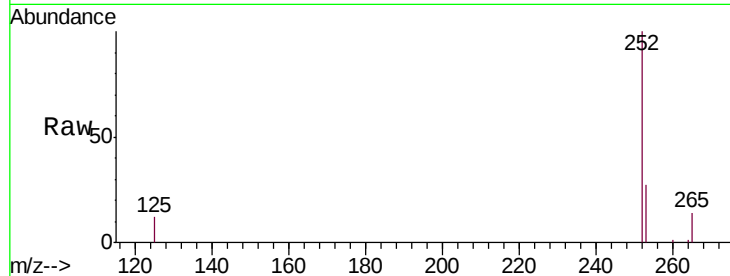
Tgt Ion:252 Resp: 33586

Ion Ratio Lower Upper

252 100

253 27.2 27.0 40.4

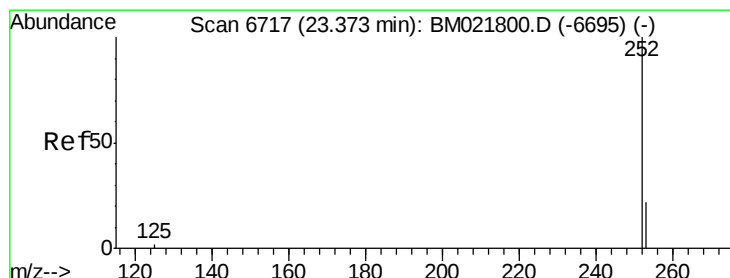
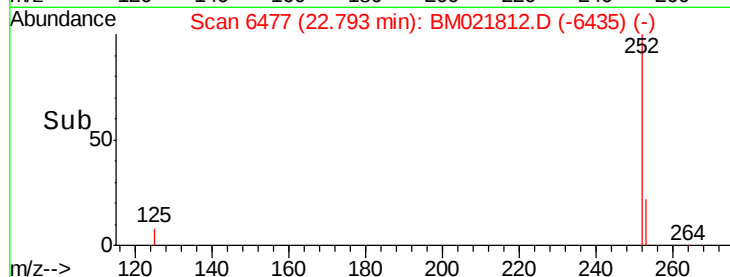
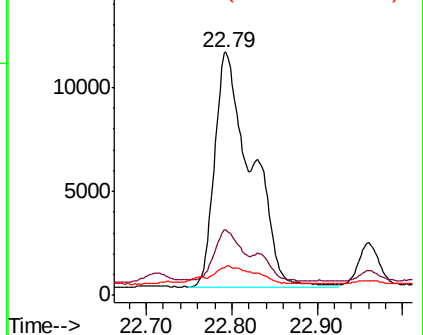
125 12.0 12.2 18.2#



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: 0.543 ng/ul

RT: 23.36 min Scan# 6710

Delta R.T. -0.01 min

Lab File: BM021812.D

Acq: 04 Aug 2019 14:47

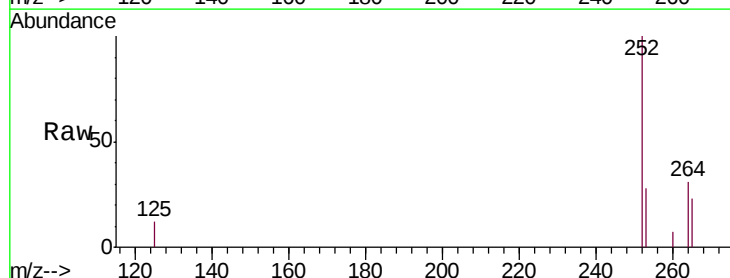
Tgt Ion:252 Resp: 18223

Ion Ratio Lower Upper

252 100

253 27.7 31.7 47.5#

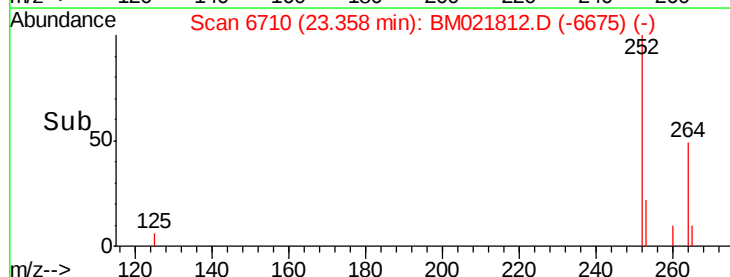
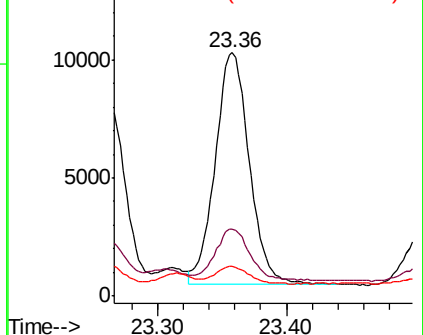
125 12.2 14.6 21.8#

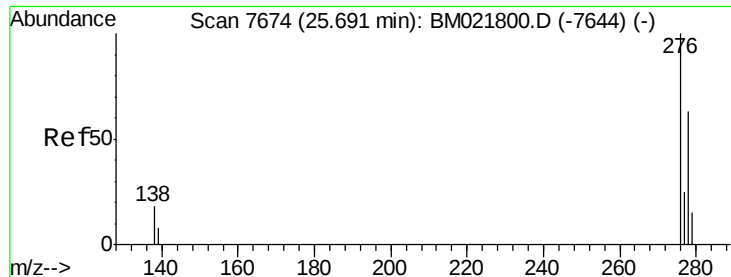


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



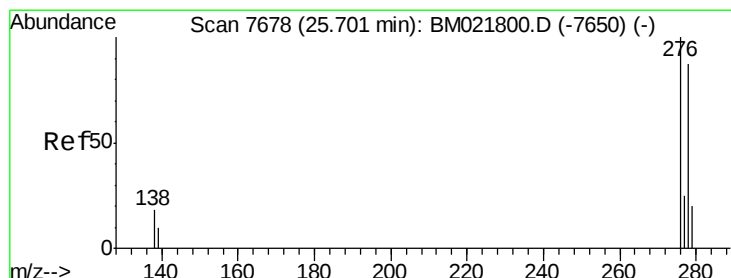
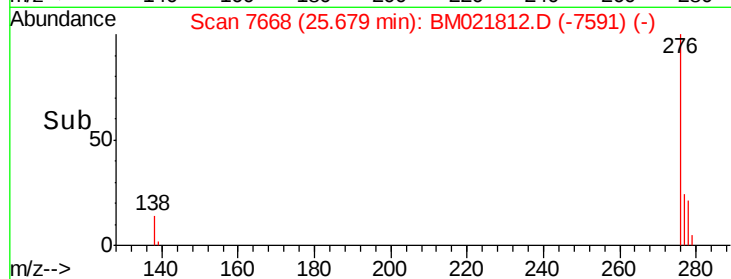
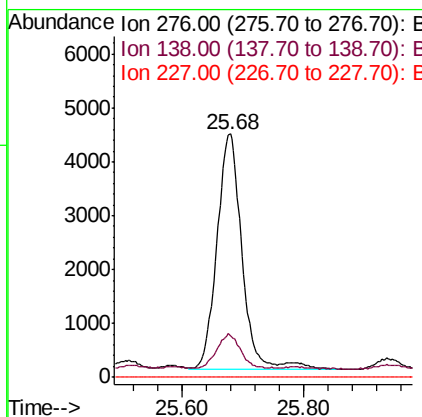
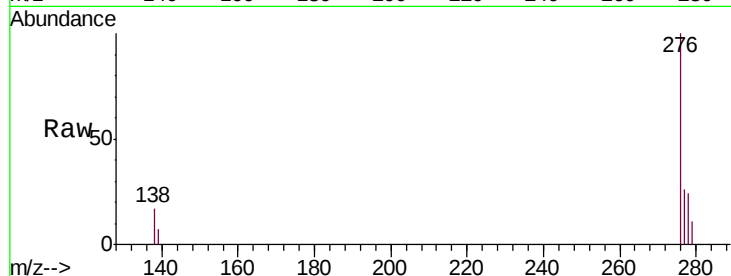


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.311 ng/u1
RT: 25.68 min Scan# 7668
Delta R.T. -0.01 min
Lab File: BM021812.D
Acq: 04 Aug 2019 14:47

Instrument :
BNA_M
ClientSampleId :
BENR7

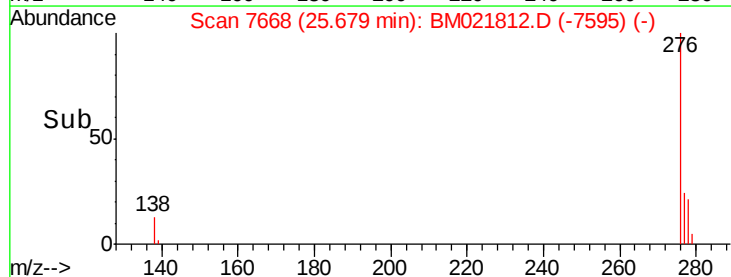
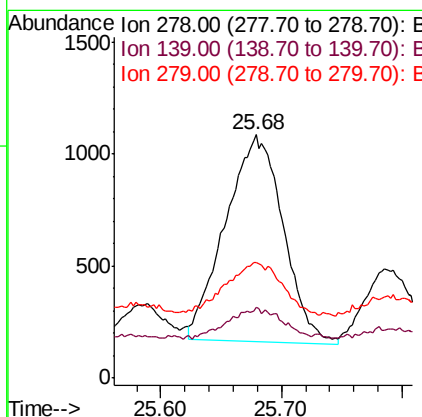
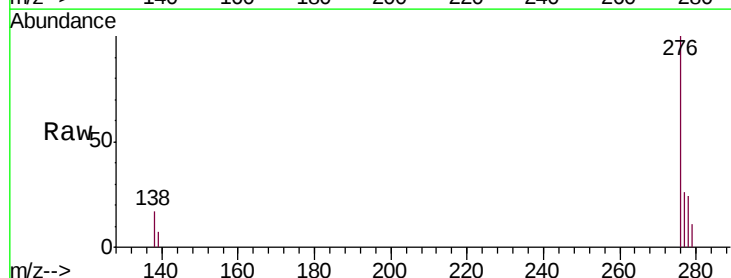
Tgt Ion:276 Resp: 12482
Ion Ratio Lower Upper
276 100
138 13.7 15.1 22.7#
227 0.0 0.0 0.0

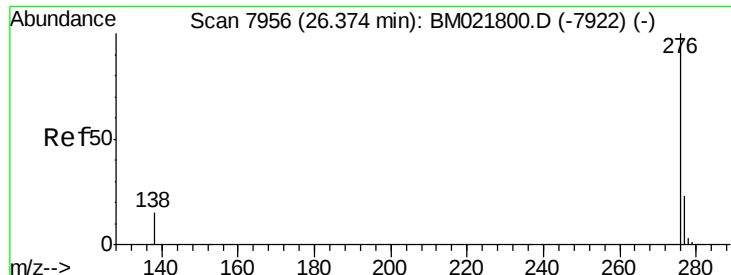


#25

Dibenzo(a,h)anthracene
Concen: 0.094 ng/u1
RT: 25.68 min Scan# 7668
Delta R.T. -0.02 min
Lab File: BM021812.D
Acq: 04 Aug 2019 14:47

Tgt Ion:278 Resp: 3061
Ion Ratio Lower Upper
278 100
139 28.8 14.2 21.2#
279 47.3 28.3 42.5#





#26

Benzo(g,h,i)perylene

Concen: 0.347 ng/ul

RT: 26.36 min Scan# 7948

Delta R.T. -0.02 min

Lab File: BM021812.D

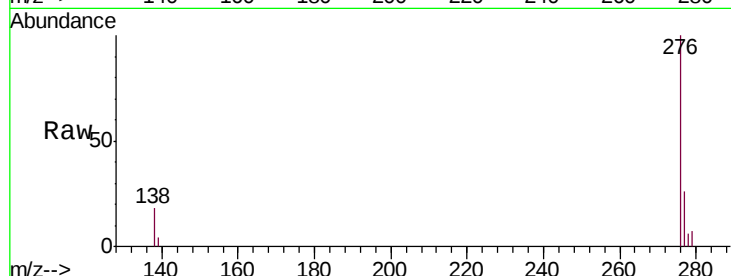
Acq: 04 Aug 2019 14:47

Instrument :

BNA_M

ClientSampleId :

BENR7



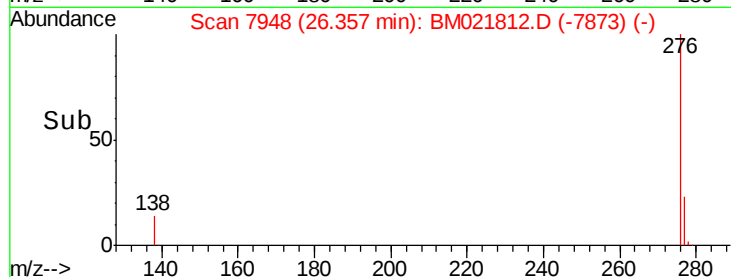
Tgt Ion: 276 Resp: 12531

Ion Ratio Lower Upper

276 100

138 17.7 15.5 23.3

277 26.3 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

