

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021821\
 Data File : BM028826.D
 Acq On : 19 Feb 2021 18:53
 Operator : CG/JU
 Sample : M1412-01
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBG3

Manual Integrations
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Quant Time: Feb 20 01:28:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 20 01:10:53 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	345	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	1428	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	803	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	1564m	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	1465	0.40	ng/ul	0.00
20) Perylene-d12	23.65	264	1452	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	451	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	973	0.24	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.31	178	125	0.029	ng/ul#	33
15) Fluoranthene	19.32	202	778	0.156	ng/ul	88
17) Pyrene	19.68	202	712m	0.134	ng/ul	
18) Benzo(a)anthracene	21.41	228	407	0.081	ng/ul#	64
19) Chrysene	21.46	228	680	0.137	ng/ul#	70
21) Benzo(b)fluoranthene	22.98	252	1242m	0.250	ng/ul	
22) Benzo(k)fluoranthene	23.03	252	433m	0.087	ng/ul	
23) Benzo(a)pyrene	23.55	252	732	0.165	ng/ul#	44
24) Indeno(1,2,3-cd)pyrene	25.91	276	709	0.123	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.92	278	158	0.033	ng/ul#	1
26) Benzo(g,h,i)perylene	26.61	276	354	0.074	ng/ul#	37

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

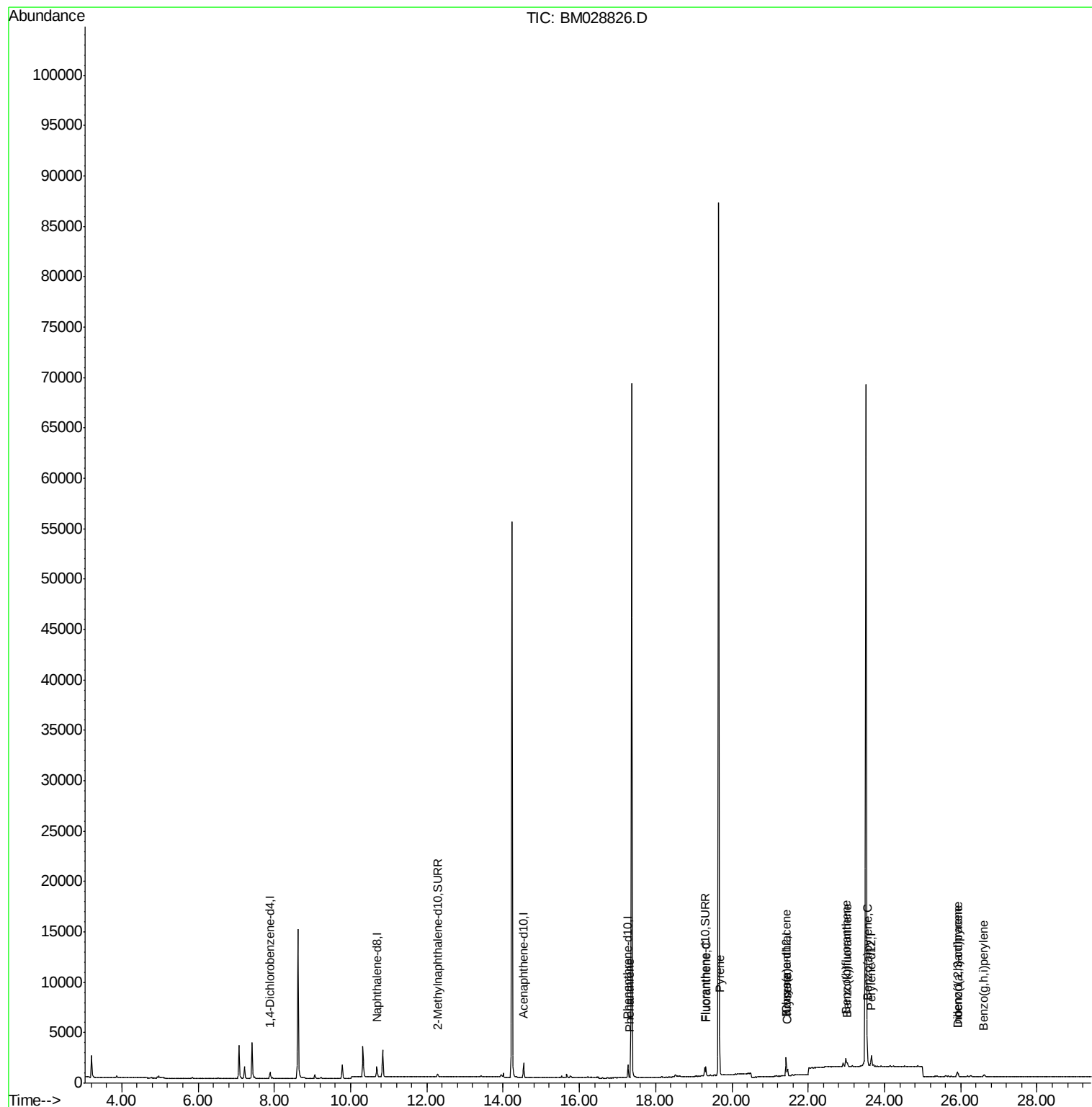
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021821\
Data File : BM028826.D
Acq On : 19 Feb 2021 18:53
Operator : CG/JU
Sample : M1412-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

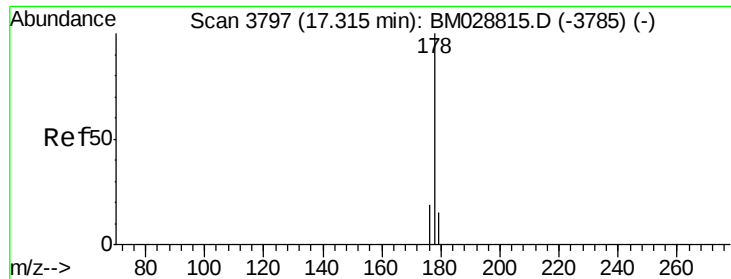
Instrument :
BNA_M
ClientSampleId :
DBG3

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Quant Time: Feb 20 01:28:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 20 01:10:53 2021
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.029 ng/ul

RT: 17.31 min Scan# 3796

Delta R.T. -0.00 min

Lab File: BM028826.D

Acq: 19 Feb 2021 18:53

Instrument :

BNA_M

ClientSampleId :

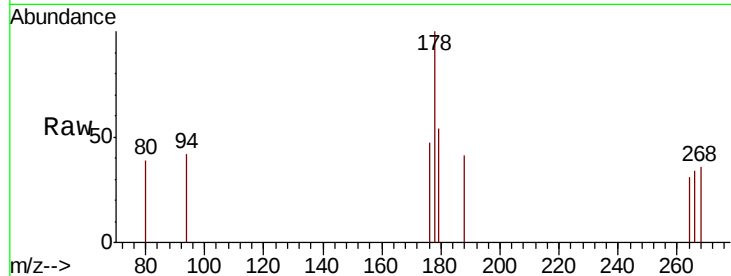
DBGT3

Tot Ion:178 Resp: 125

Ion	Ratio	Lower	Upper
178	100		
179	53.6	14.7	22.1#
176	47.1	16.7	25.1#

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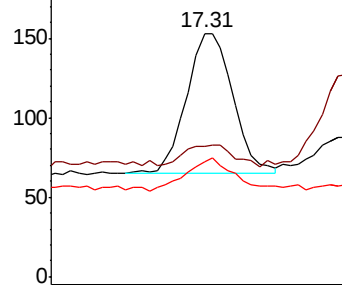
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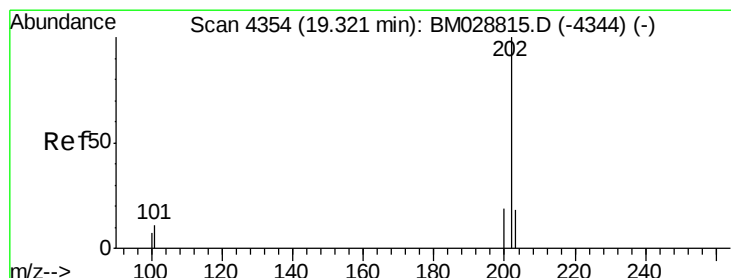
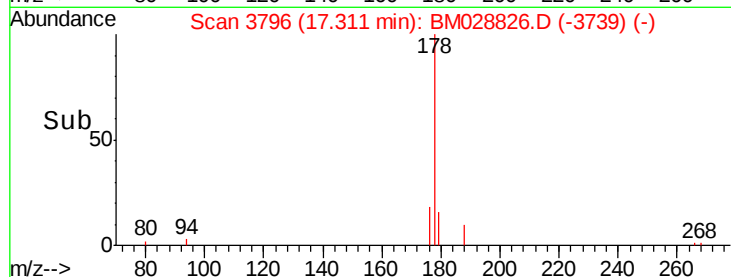
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#15

Fluoranthene

Concen: 0.156 ng/ul

RT: 19.32 min Scan# 4353

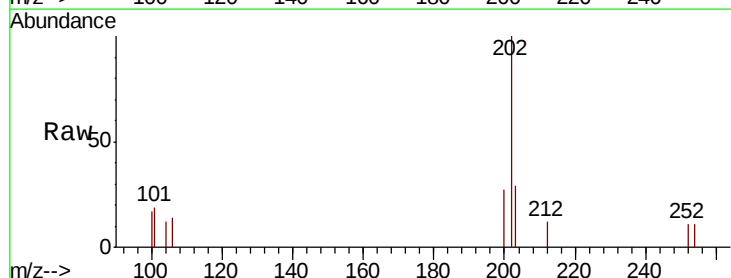
Delta R.T. 0.00 min

Lab File: BM028826.D

Acq: 19 Feb 2021 18:53

Tgt Ion:202 Resp: 778

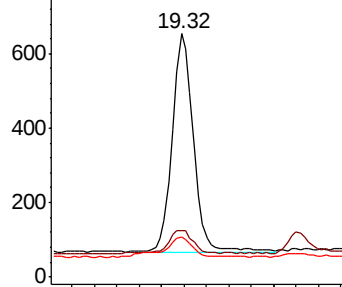
Ion	Ratio	Lower	Upper
202	100		
101	19.1	0.0	34.5
100	16.7	0.0	31.7



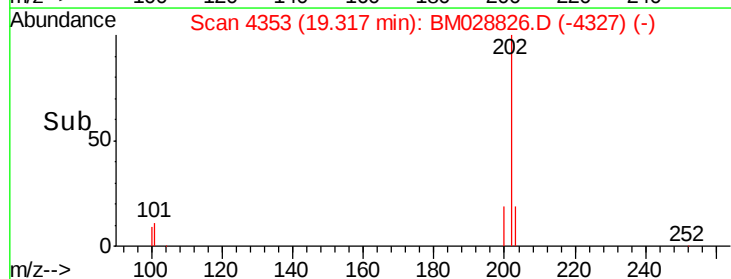
Abundance Ion 202.00 (201.70 to 202.70): E

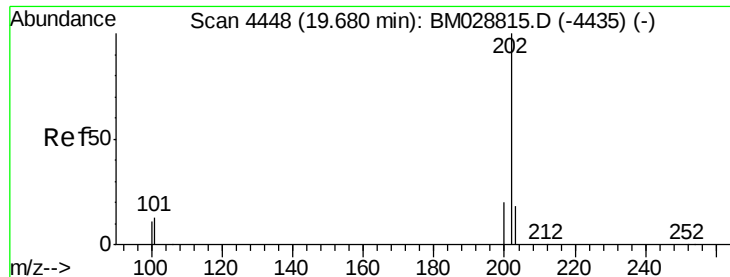
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





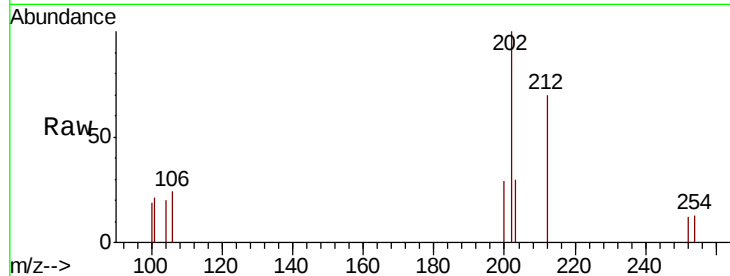
#17
Pvrene
Concen: 0.134 ng/ul m
RT: 19.68 min Scan# 4448
Delta R.T. 0.00 min
Lab File: BM028826.D
Acq: 19 Feb 2021 18:53

Instrument :
BNA_M
ClientSampleId :
DBGT3

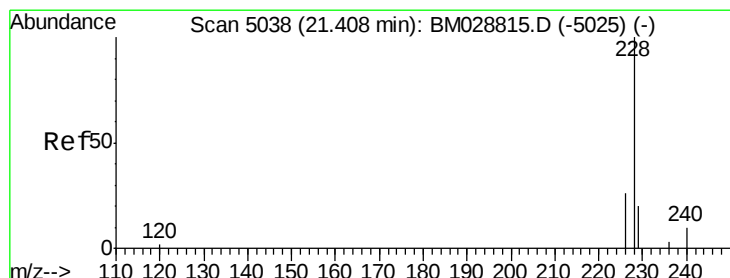
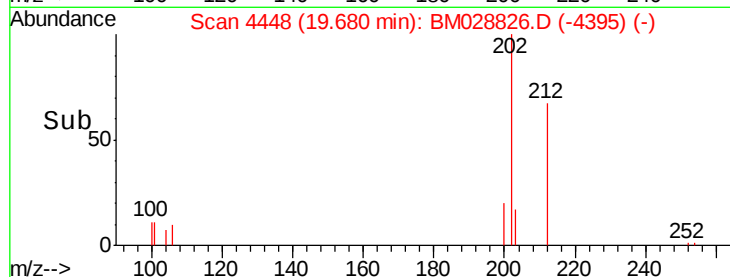
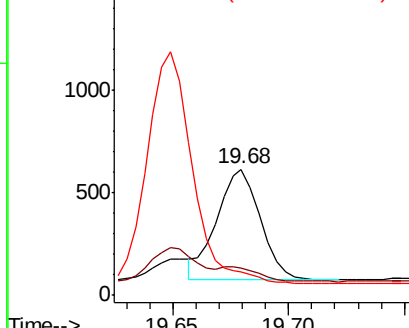
Tot Ion	Ratio	Lower	Upper
202	100		
101	21.2	12.7	19.1#
100	18.7	10.2	15.4#

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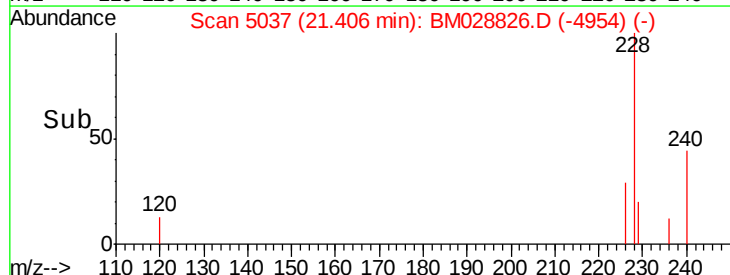
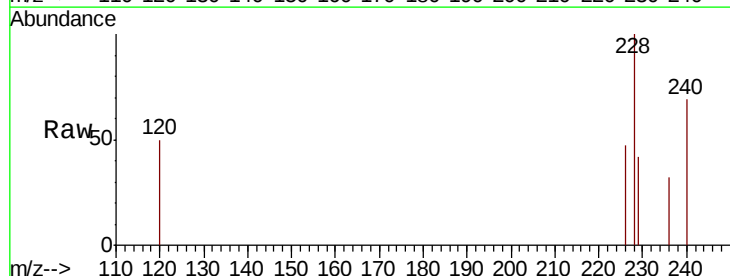
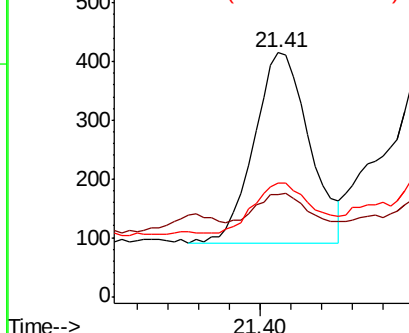
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

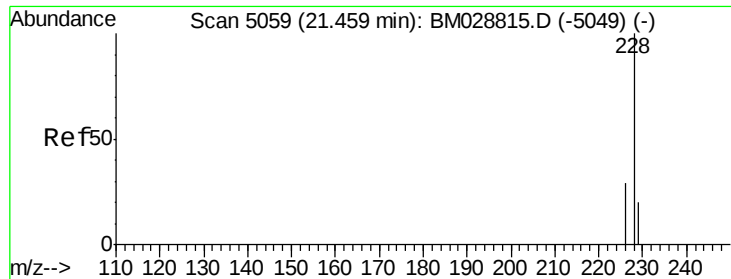


#18
Benzo(a)anthracene
Concen: 0.081 ng/ul
RT: 21.41 min Scan# 5037
Delta R.T. 0.00 min
Lab File: BM028826.D
Acq: 19 Feb 2021 18:53

Tgt Ion	Ratio	Lower	Upper
228	100		
229	41.7	18.9	28.3#
226	46.7	22.6	34.0#

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: 0.137 ng/ul

RT: 21.46 min Scan# 5058

Delta R.T. 0.00 min

Lab File: BM028826.D

Acq: 19 Feb 2021 18:53

Instrument :

BNA_M

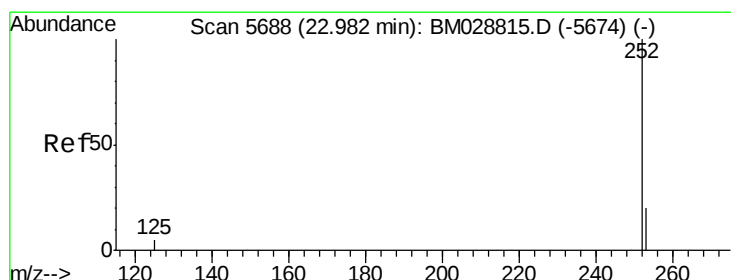
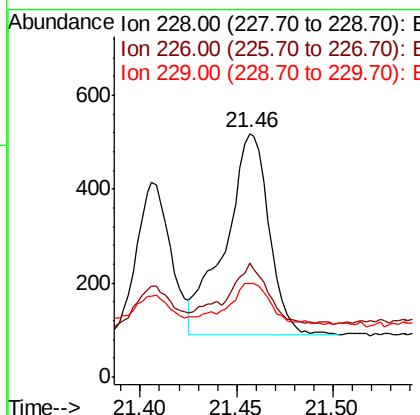
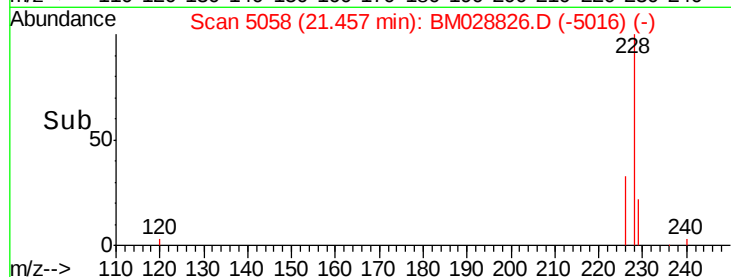
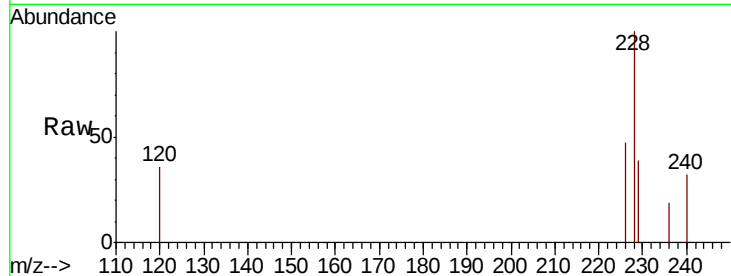
ClientSampleId :

DBGT3

Tot Ion:	228	Resp:	680
Ion	Ratio	Lower	Upper
228	100		
226	46.7	24.6	37.0#
229	38.6	18.8	28.2#

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#21

Benzo(b)fluoranthene

Concen: 0.250 ng/ul m

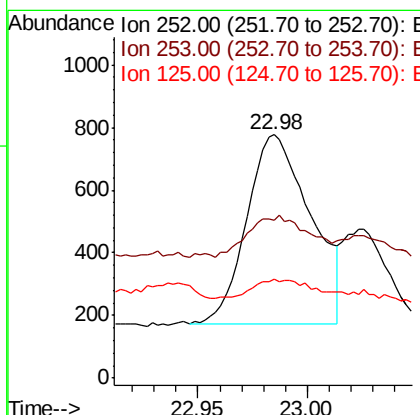
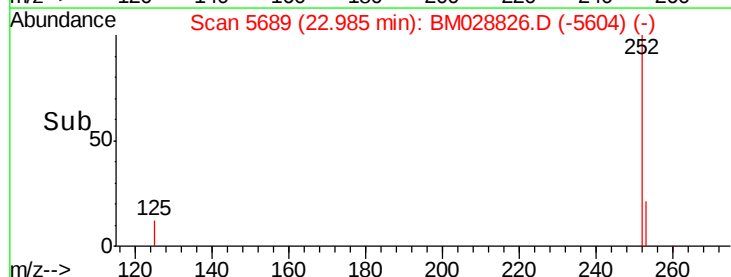
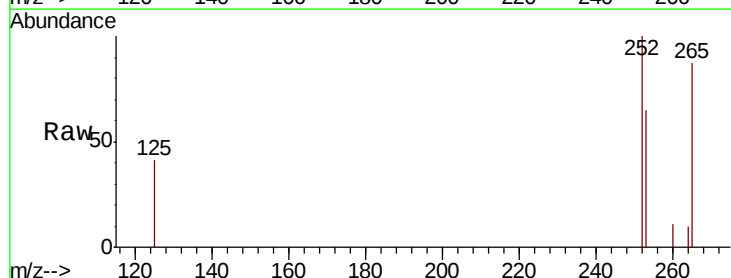
RT: 22.98 min Scan# 5689

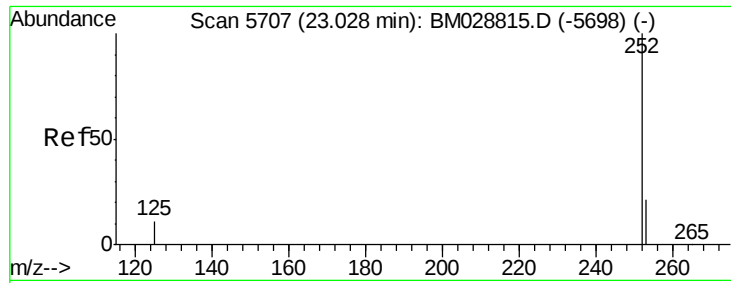
Delta R.T. 0.01 min

Lab File: BM028826.D

Acq: 19 Feb 2021 18:53

Tgt Ion:	252	Resp:	1242
Ion	Ratio	Lower	Upper
252	100		
253	65.1	0.0	67.0
125	40.7	0.0	57.4





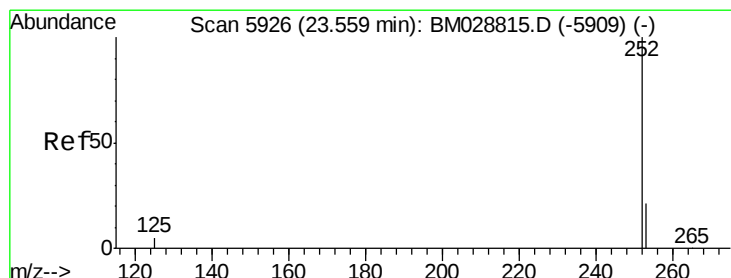
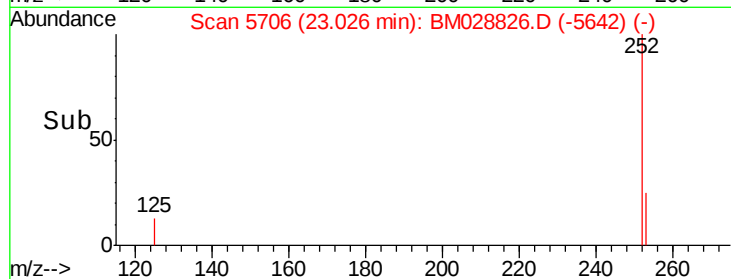
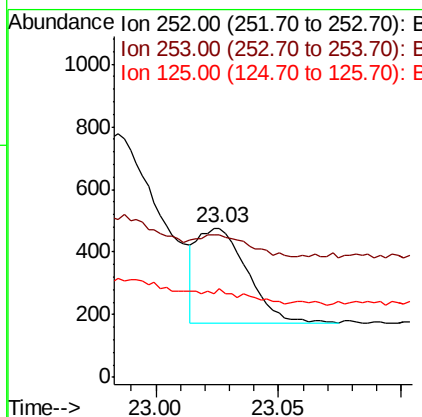
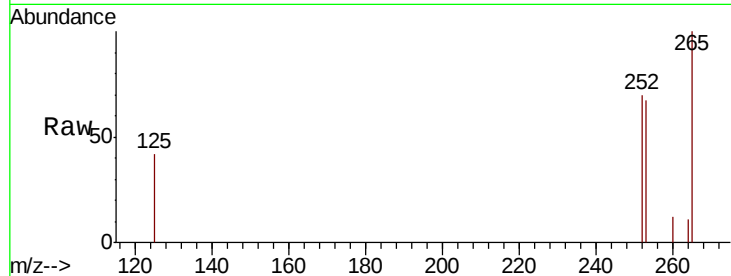
#22
Benzo(k)fluoranthene
Concen: 0.087 ng/ul m
RT: 23.03 min Scan# 5706
Delta R.T. 0.00 min
Lab File: BM028826.D
Acq: 19 Feb 2021 18:53

Instrument :
BNA_M
ClientSampleId :
DBGT3

Tot Ion	Ratio	Lower	Upper
252	100		
253	95.2	26.3	39.5#
125	59.1	22.9	34.3#

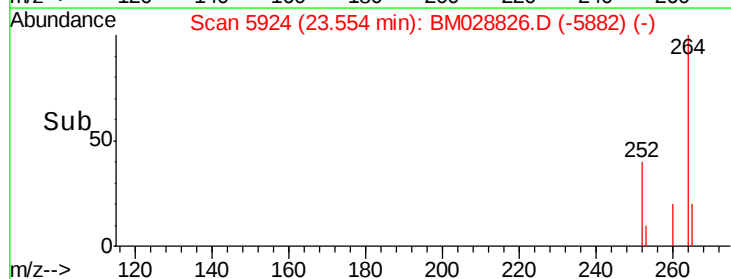
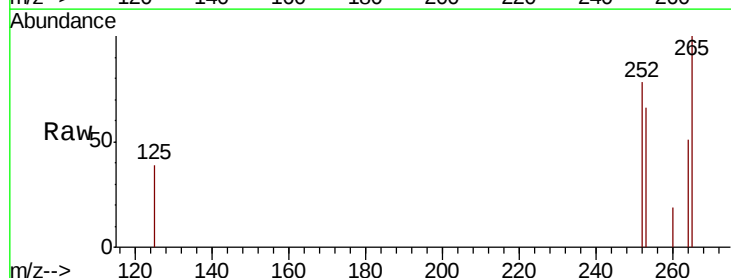
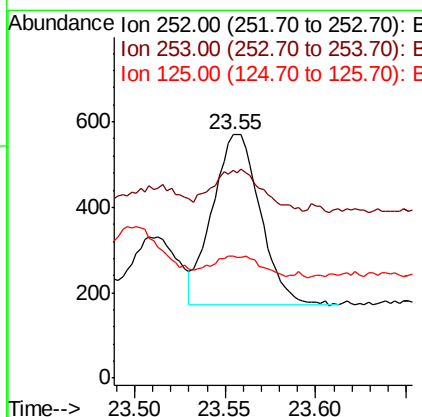
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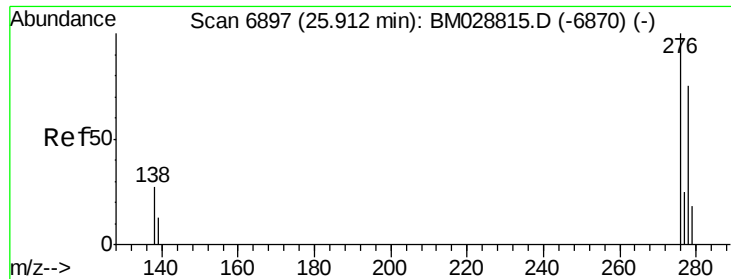
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#23
Benzo(a)pyrene
Concen: 0.165 ng/ul
RT: 23.55 min Scan# 5924
Delta R.T. 0.00 min
Lab File: BM028826.D
Acq: 19 Feb 2021 18:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	85.4	28.7	43.1#
125	50.2	27.9	41.9#





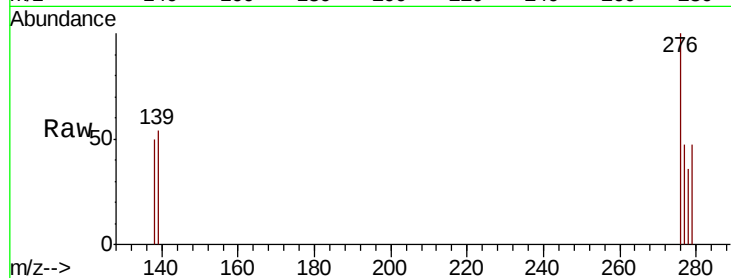
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.123 ng/uL
RT: 25.91 min Scan# 6897
Delta R.T. 0.01 min
Lab File: BM028826.D
Acq: 19 Feb 2021 18:53

Instrument :
BNA_M
ClientSampleID :
DBGT3

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.4	0.0	0.0#
227	0.0	0.0	0.0

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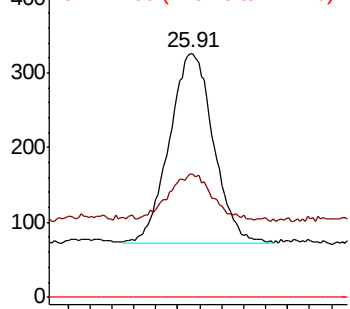


Abundance

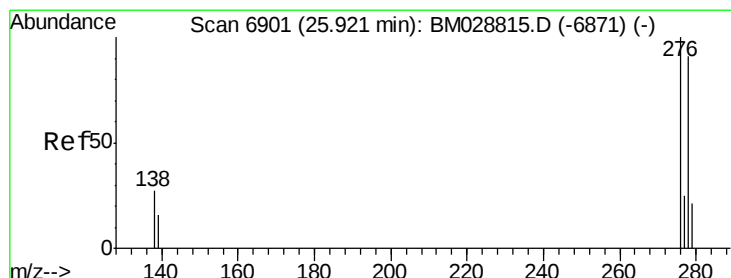
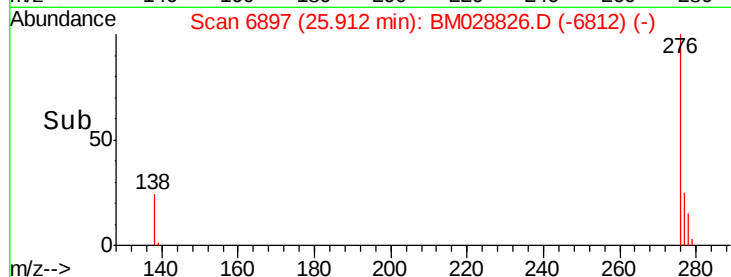
Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

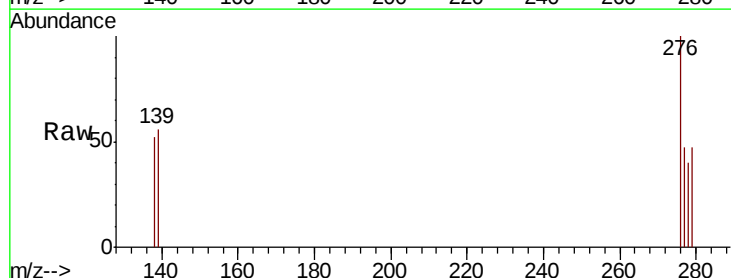


Time--> 25.80 25.90 26.00



#25
Dibenzo(a,h)anthracene
Concen: 0.033 ng/uL
RT: 25.92 min Scan# 6900
Delta R.T. 0.01 min
Lab File: BM028826.D
Acq: 19 Feb 2021 18:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	140.0	24.9	37.3#
279	118.4	28.3	42.5#

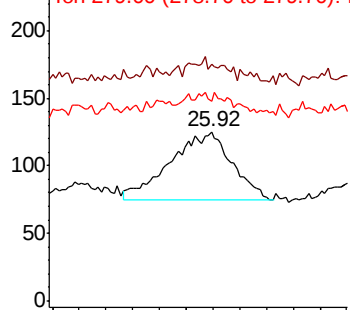


Abundance

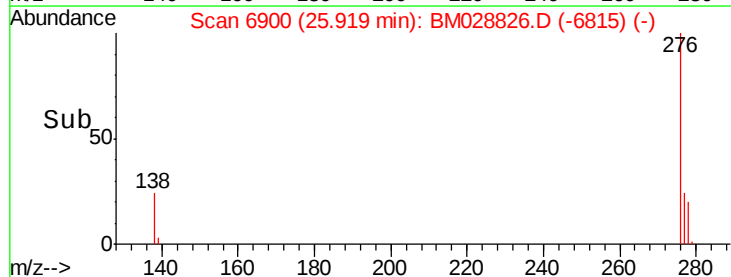
Ion 278.00 (277.70 to 278.70): E

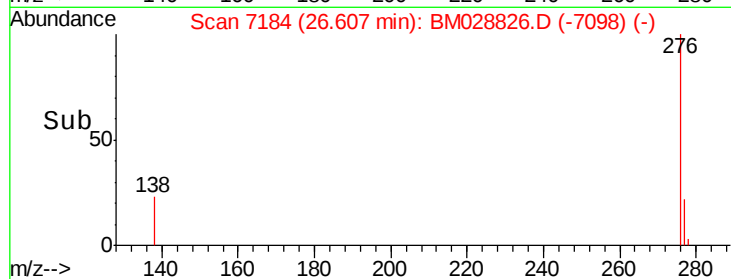
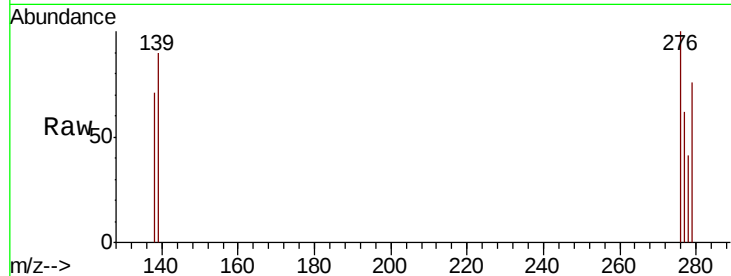
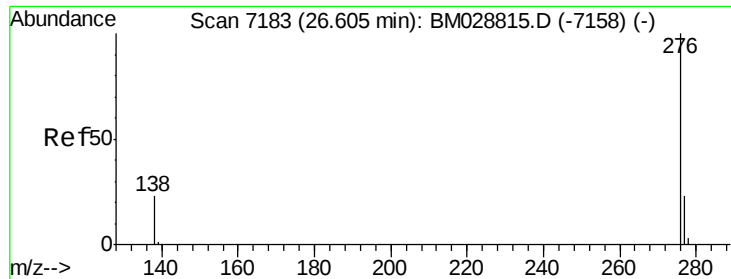
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 25.80 25.90 26.00





#26
Benzo(a,h,i)perylene
Concen: 0.074 ng/ul
RT: 26.61 min Scan# 7184
Delta R.T. 0.01 min
Lab File: BM028826.D
Acq: 19 Feb 2021 18:53

Instrument :
BNA_M
ClientSampleId :
DBGT3

Tot Ion	Ratio	Lower	Upper
276	100		
138	70.7	25.4	38.2#
277	62.4	25.3	37.9#

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