

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021821\
 Data File : BM028827.D
 Acq On : 19 Feb 2021 19:30
 Operator : CG/JU
 Sample : M1412-02
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBG5

Manual Integrations
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Quant Time: Feb 20 01:32:51 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	411	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	1742	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	1039	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	2003	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	1853	0.40	ng/ul	0.00
20) Perylene-d12	23.65	264	1773	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	508	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	1153	0.22	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.31	178	181	0.032	ng/ul#	50
15) Fluoranthene	19.32	202	885	0.139	ng/ul	88
17) Pyrene	19.68	202	1112m	0.165	ng/ul	
18) Benzo(a)anthracene	21.41	228	601	0.095	ng/ul#	73
19) Chrysene	21.46	228	869	0.138	ng/ul#	75
21) Benzo(b)fluoranthene	22.98	252	1614m	0.266	ng/ul	
22) Benzo(k)fluoranthene	23.03	252	501m	0.083	ng/ul	
23) Benzo(a)pyrene	23.56	252	898	0.166	ng/ul#	60
24) Indeno(1,2,3-cd)pyrene	25.91	276	782	0.111	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.92	278	197	0.033	ng/ul#	1
26) Benzo(g,h,i)perylene	26.61	276	337	0.058	ng/ul#	33

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

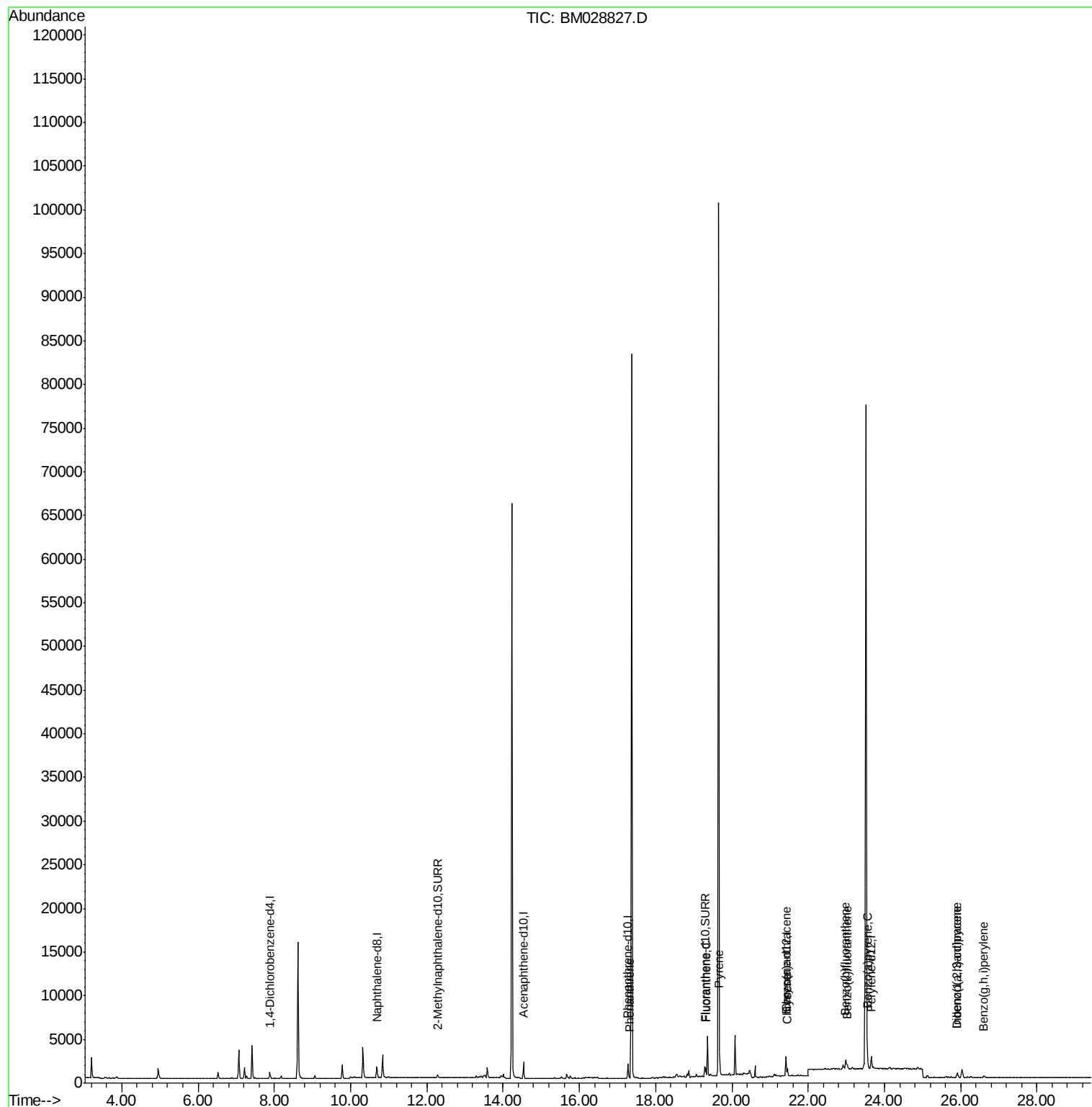
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021821\
Data File : BM028827.D
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Sample : M1412-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

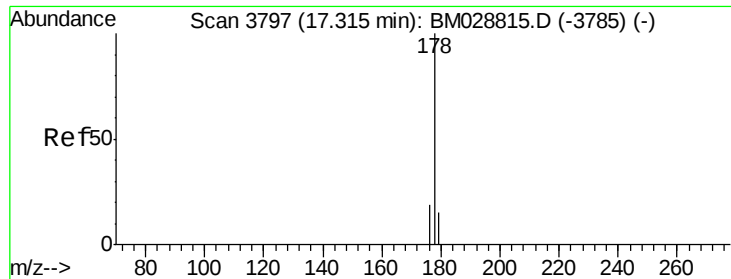
Instrument :
BNA_M
ClientSampleId :
DBGT5

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Quant Time: Feb 20 01:32:51 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: 0.032 ng/ul

RT: 17.31 min Scan# 3797

Delta R.T. 0.00 min

Lab File: BM028827.D

Acq: 19 Feb 2021 19:30

Instrument :

BNA_M

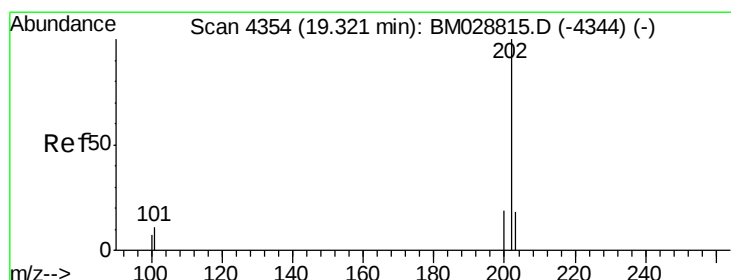
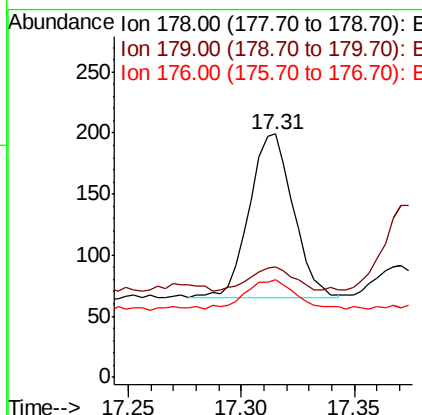
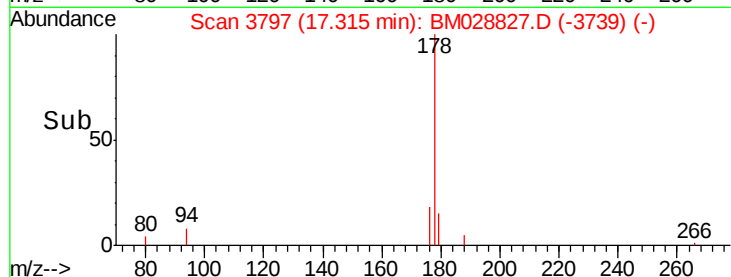
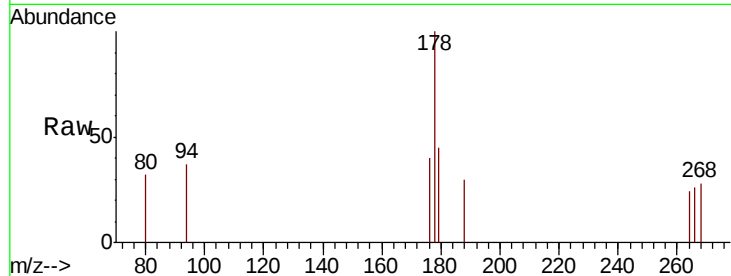
ClientSampleId :

DBGT5

Tot Ion:	178	Resp:	181
Ion	Ratio	Lower	Upper
178	100		
179	45.2	14.7	22.1#
176	40.2	16.7	25.1#

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#15

Fluoranthene

Concen: 0.139 ng/ul

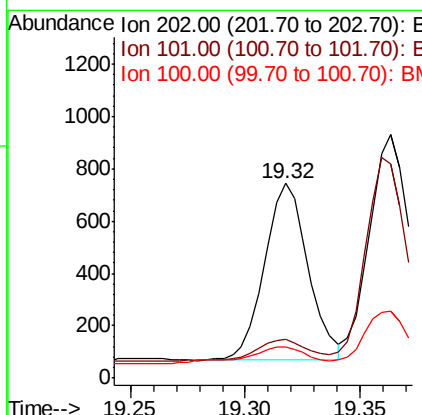
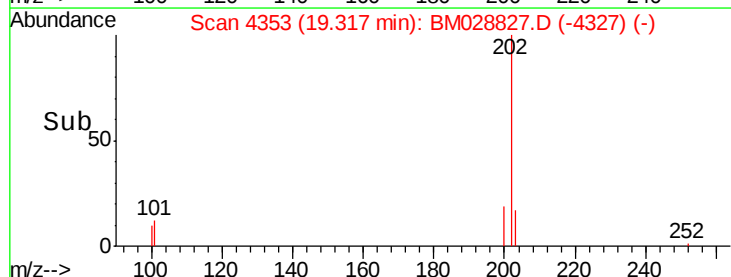
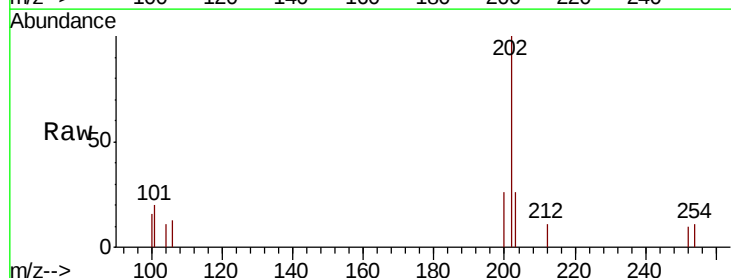
RT: 19.32 min Scan# 4353

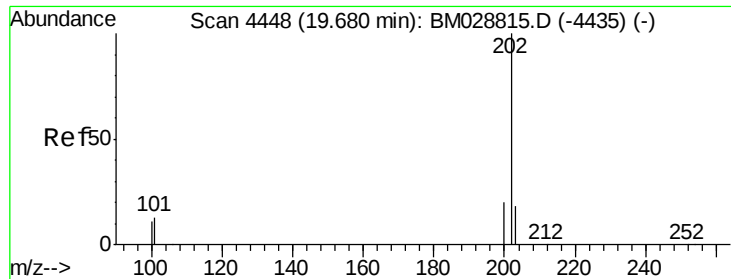
Delta R.T. 0.00 min

Lab File: BM028827.D

Acq: 19 Feb 2021 19:30

Tgt Ion:	202	Resp:	885
Ion	Ratio	Lower	Upper
202	100		
101	19.9	0.0	34.5
100	16.1	0.0	31.7





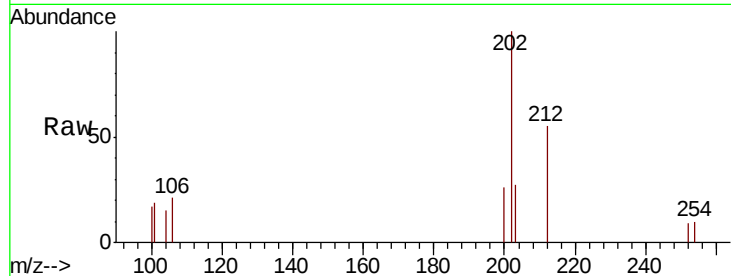
#17
Pvrene
Concen: 0.165 ng/ul m
RT: 19.68 min Scan# 4448
Delta R.T. 0.00 min
Lab File: BM028827.D
Acq: 19 Feb 2021 19:30

Instrument :
BNA_M
ClientSampleId :
DBGT5

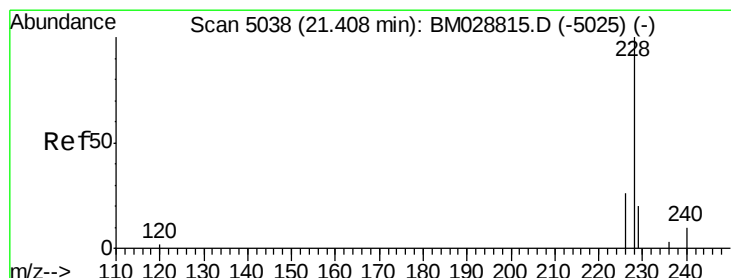
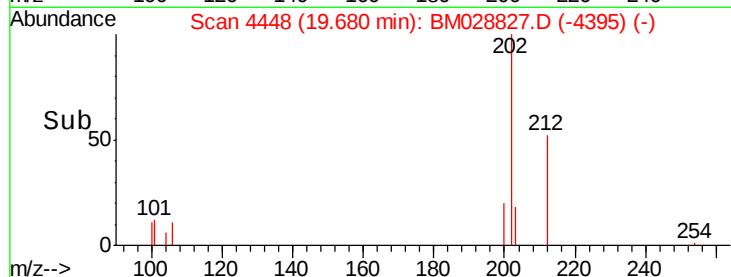
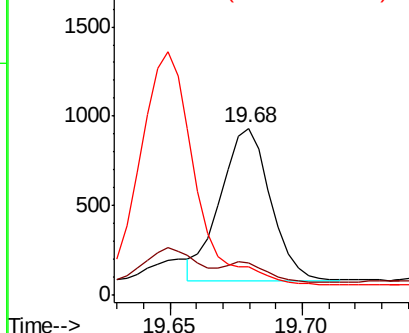
Tot Ion	Ratio	Lower	Upper
202	100		
101	19.1	12.7	19.1#
100	16.7	10.2	15.4#

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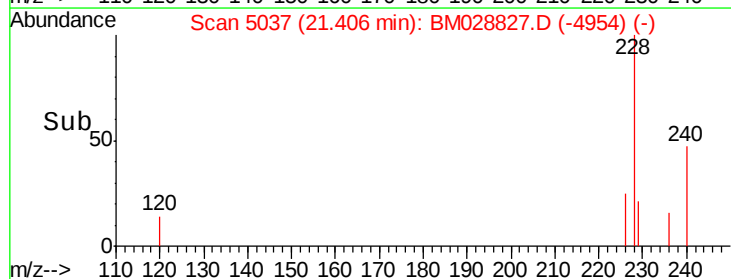
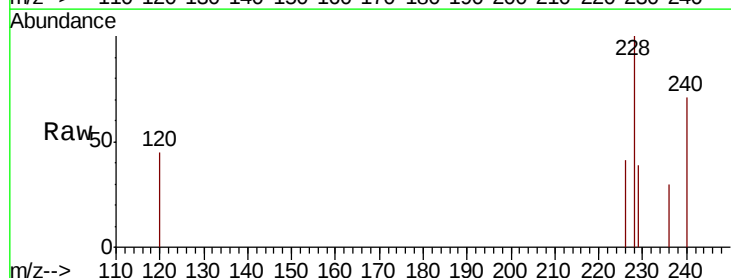
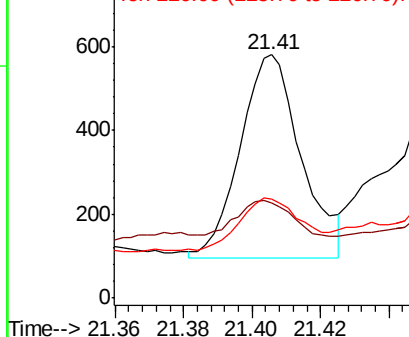
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

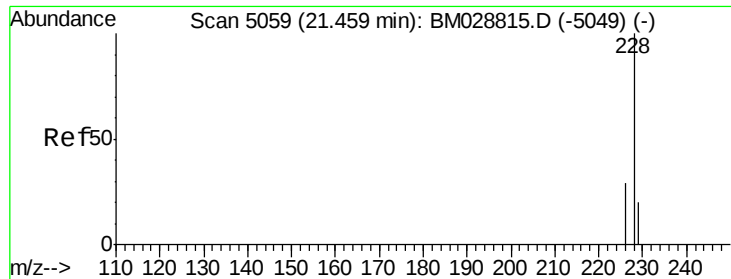


#18
Benzo(a)anthracene
Concen: 0.095 ng/ul
RT: 21.41 min Scan# 5037
Delta R.T. 0.00 min
Lab File: BM028827.D
Acq: 19 Feb 2021 19:30

Tgt Ion	Ratio	Lower	Upper
228	100		
229	39.2	18.9	28.3#
226	40.8	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: 0.138 ng/ul

RT: 21.46 min Scan# 5058

Delta R.T. 0.00 min

Lab File: BM028827.D

Acq: 19 Feb 2021 19:30

Instrument :

BNA_M

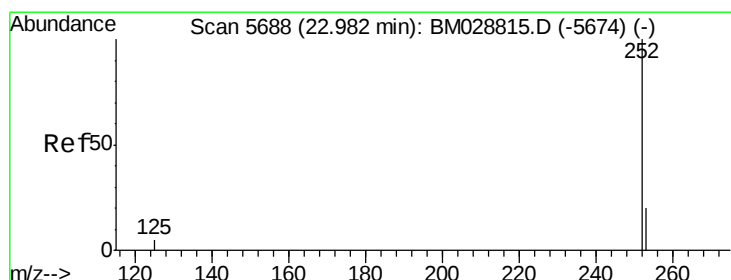
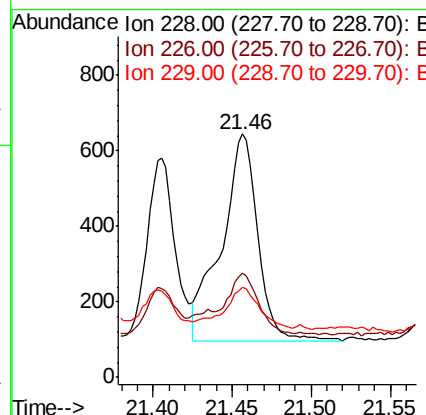
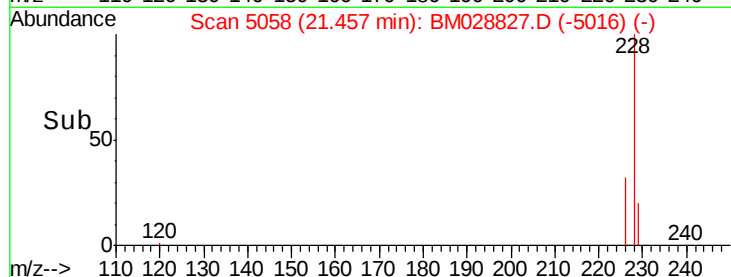
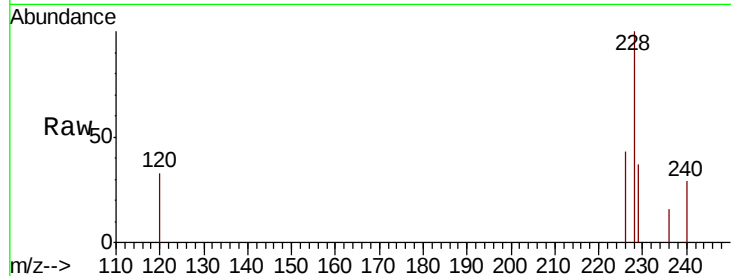
ClientSampleId :

DBGT5

Tot Ion:	228	Resp:	869
Ion	Ratio	Lower	Upper
228	100		
226	42.8	24.6	37.0#
229	37.2	18.8	28.2#

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#21

Benzo(b)fluoranthene

Concen: 0.266 ng/ul m

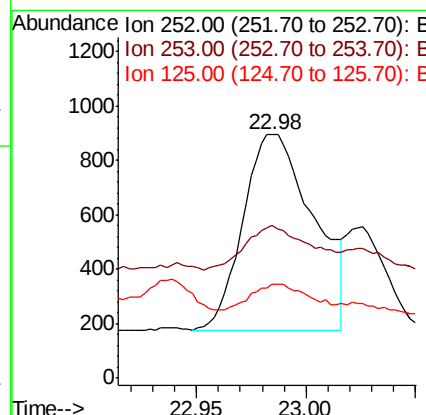
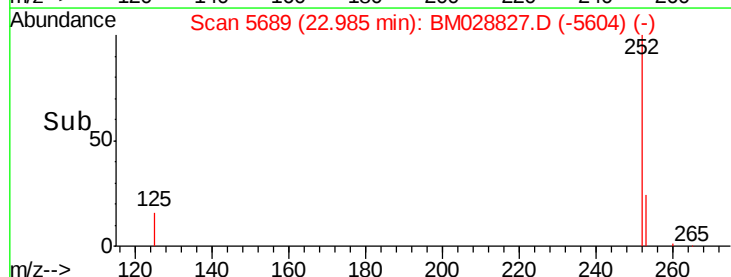
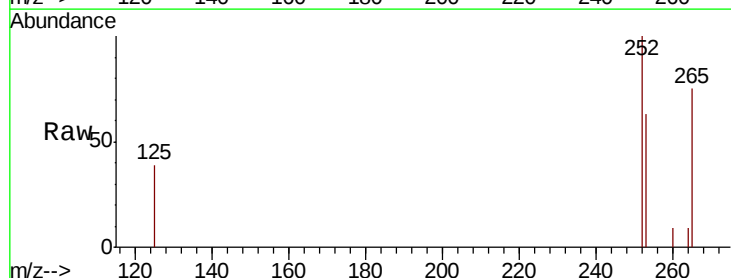
RT: 22.98 min Scan# 5689

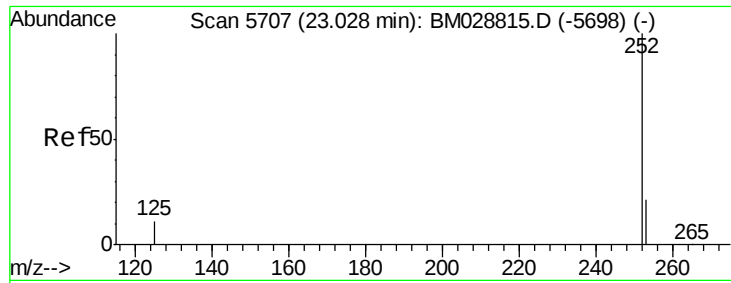
Delta R.T. 0.01 min

Lab File: BM028827.D

Acq: 19 Feb 2021 19:30

Tgt Ion:	252	Resp:	1614
Ion	Ratio	Lower	Upper
252	100		
253	62.8	0.0	67.0
125	38.5	0.0	57.4





#22

Benzo(k)fluoranthene

Concen: 0.083 ng/ul m

RT: 23.03 min Scan# 5706

Delta R.T. 0.00 min

Lab File: BM028827.D

Acq: 19 Feb 2021 19:30

Instrument :

BNA_M

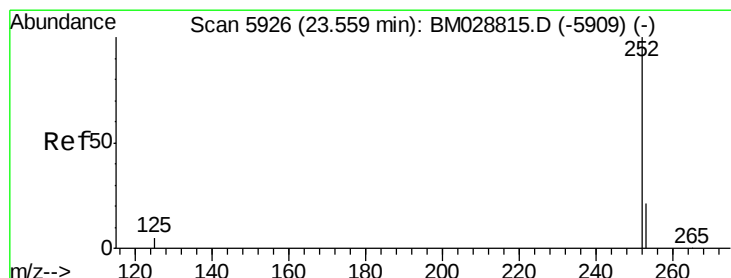
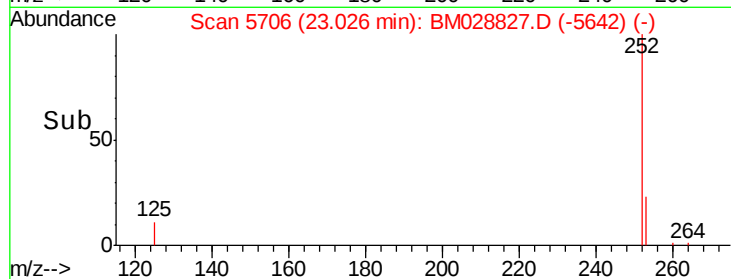
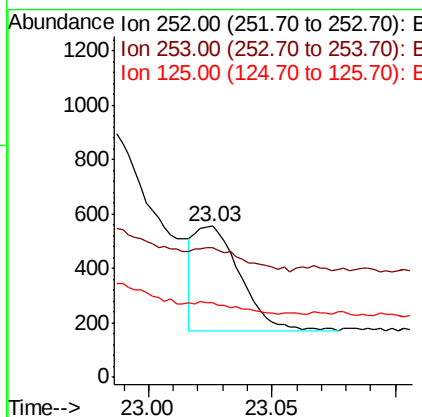
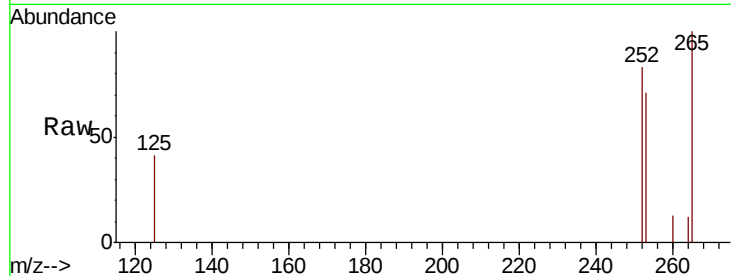
ClientSampleId :

DBGT5

Tot Ion:	252	Resp:	501
Ion Ratio	Lower	Upper	
252	100		
253	85.9	26.3	39.5#
125	49.2	22.9	34.3#

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#23

Benzo(a)pyrene

Concen: 0.166 ng/ul

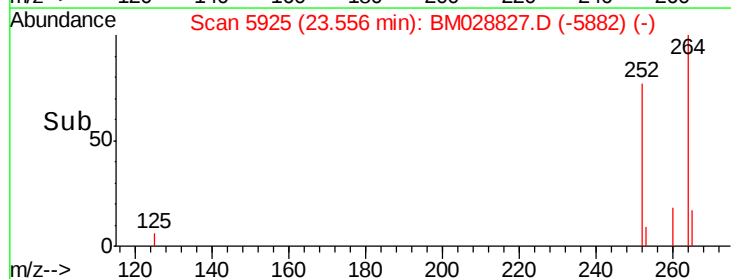
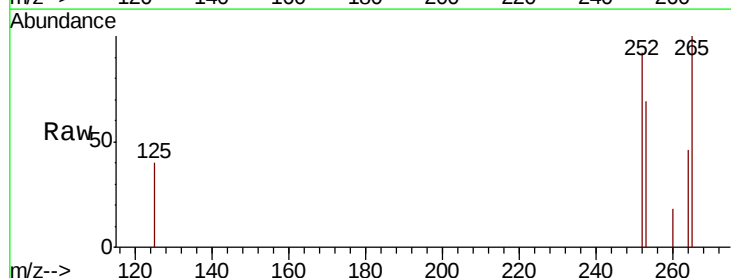
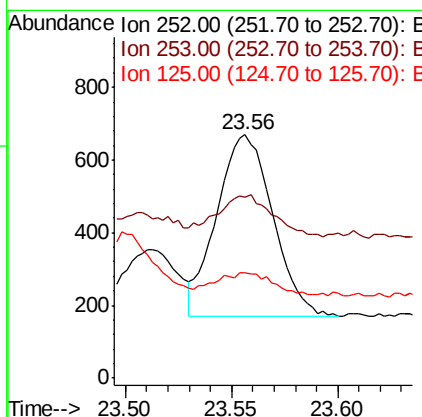
RT: 23.56 min Scan# 5925

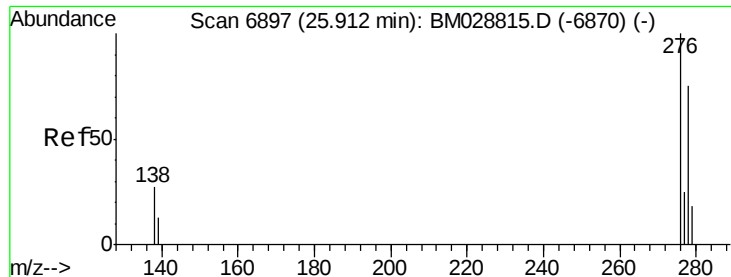
Delta R.T. 0.00 min

Lab File: BM028827.D

Acq: 19 Feb 2021 19:30

Tgt Ion:	252	Resp:	898
Ion Ratio	Lower	Upper	
252	100		
253	74.3	28.7	43.1#
125	43.3	27.9	41.9#





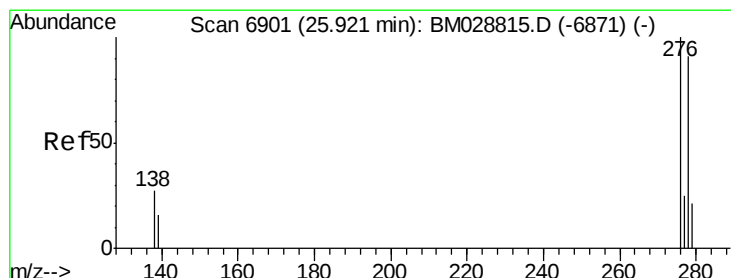
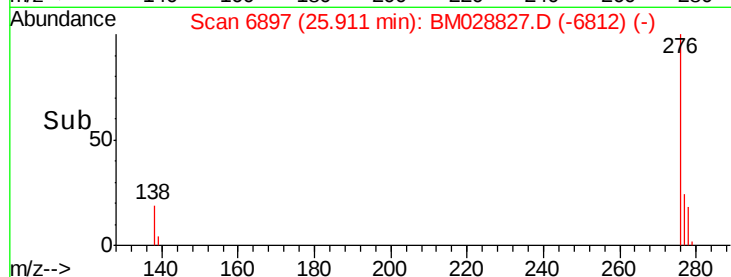
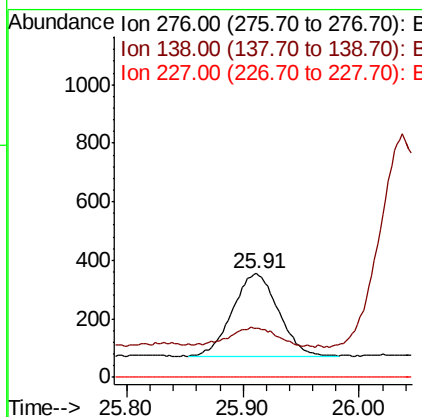
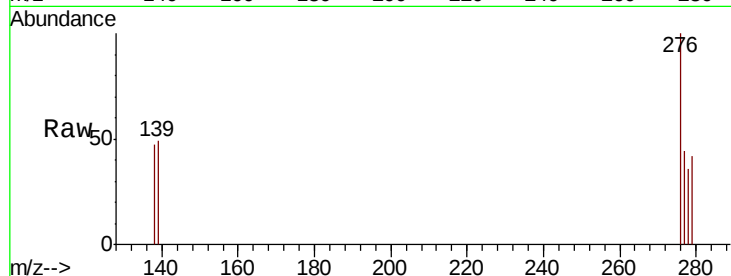
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.111 ng/ul
RT: 25.91 min Scan# 6897
Delta R.T. 0.01 min
Lab File: BM028827.D
Acq: 19 Feb 2021 19:30

Instrument :
BNA_M
ClientSampled :
DBGT5

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.9	0.0	0.0#
227	0.0	0.0	0.0

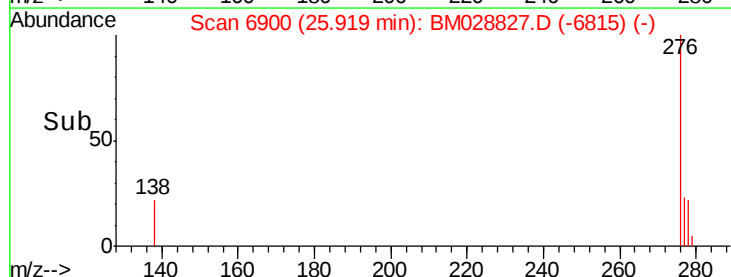
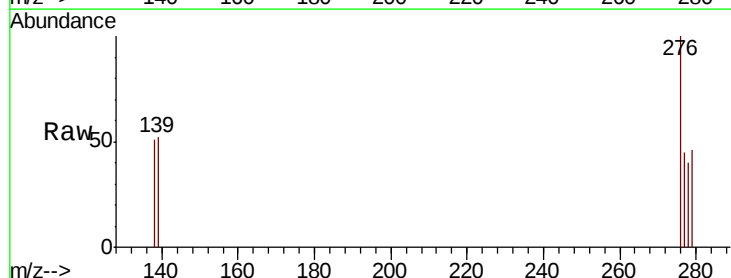
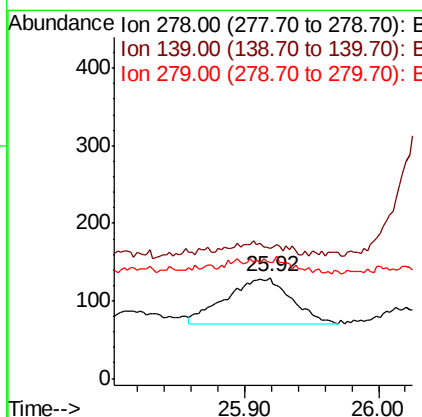
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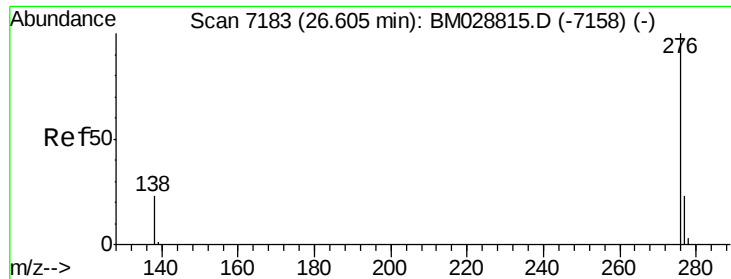
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#25
Dibenzo(a,h)anthracene
Concen: 0.033 ng/ul
RT: 25.92 min Scan# 6900
Delta R.T. 0.01 min
Lab File: BM028827.D
Acq: 19 Feb 2021 19:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	128.5	24.9	37.3#
279	114.6	28.3	42.5#





#26

Benzo(a,h,i)perylene

Concen: 0.058 ng/ul

RT: 26.61 min Scan# 7185

Delta R.T. 0.01 min

Lab File: BM028827.D

Acq: 19 Feb 2021 19:30

Instrument :

BNA_M

ClientSampleId :

DBGT5

Tot Ion:	276	Resp:	337
Ion Ratio	Lower	Upper	
276	100		
138	73.1	25.4	38.2#
277	65.1	25.3	37.9#

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