

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021821\
 Data File : BM028825.D
 Acq On : 19 Feb 2021 18:16
 Operator : CG/JU
 Sample : M1412-15
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBGY0

Manual Integrations
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Quant Time: Feb 20 01:22:47 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	368	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	1534	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	866	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	1651	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	1641	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	1502	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	378	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	770	0.18	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.74	128	77	0.020	ng/ul#	1
12) Phenanthrene	17.31	178	276	0.060	ng/ul#	60
13) Anthracene	17.40	178	92	0.021	ng/ul#	16
15) Fluoranthene	19.32	202	600	0.114	ng/ul	77
17) Pyrene	19.68	202	704m	0.118	ng/ul	
18) Benzo(a)anthracene	21.41	228	267	0.048	ng/ul#	30
19) Chrysene	21.46	228	342	0.061	ng/ul#	33
21) Benzo(b)fluoranthene	22.98	252	510m	0.099	ng/ul	
22) Benzo(k)fluoranthene	23.03	252	221m	0.043	ng/ul	
23) Benzo(a)pyrene	23.56	252	308	0.067	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.92	276	270	0.045	ng/ul#	100
26) Benzo(g,h,i)perylene	26.61	276	141	0.028	ng/ul#	1

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

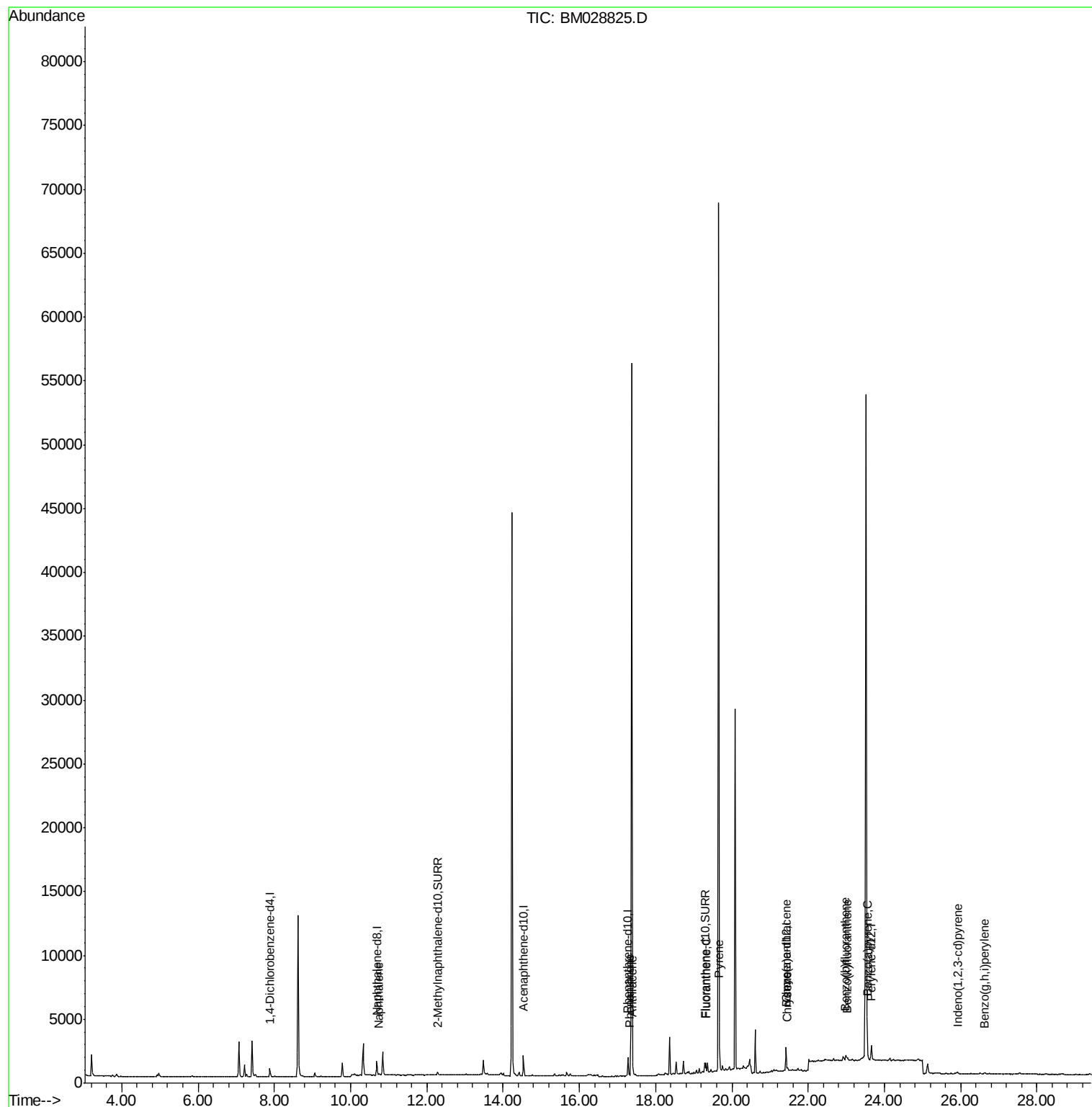
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021821\
Data File : BM028825.D
Acq On : 19 Feb 2021 18:16
Operator : CG/JU
Sample : M1412-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

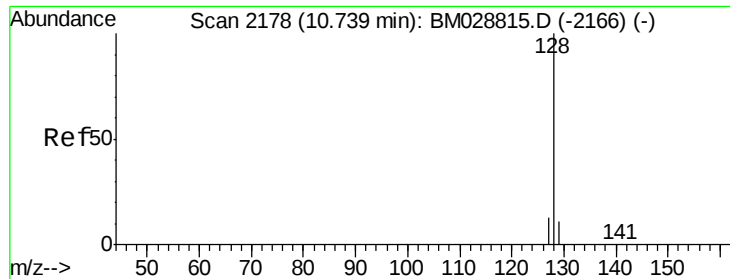
Instrument :
BNA_M
ClientSampleId :
DBGY0

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Quant Time: Feb 20 01:22:47 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





#3

Naphthalene

Concen: 0.020 ng/ul

RT: 10.74 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BM028825.D

Acq: 19 Feb 2021 18:16

Instrument :

BNA_M

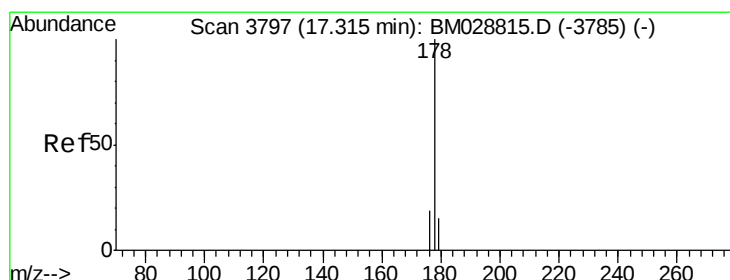
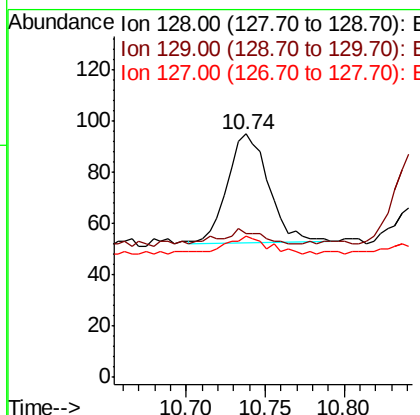
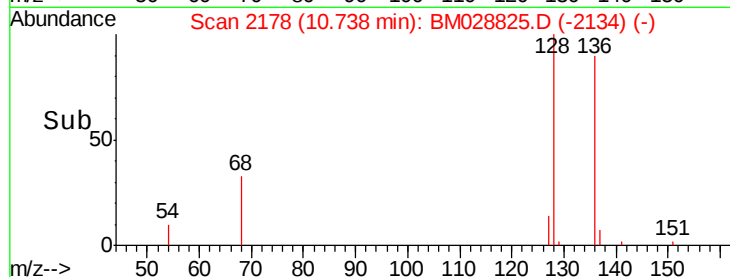
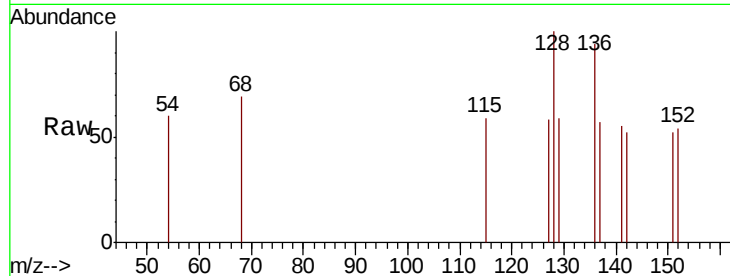
ClientSampleId :

DBGY0

Tot Ion:	128	Resp:	77
Ion	Ratio	Lower	Upper
128	100		
129	58.9	11.4	17.2#
127	57.9	13.0	19.6#

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#12

Phenanthrene

Concen: 0.060 ng/ul

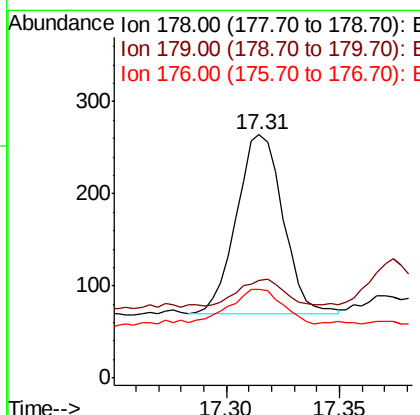
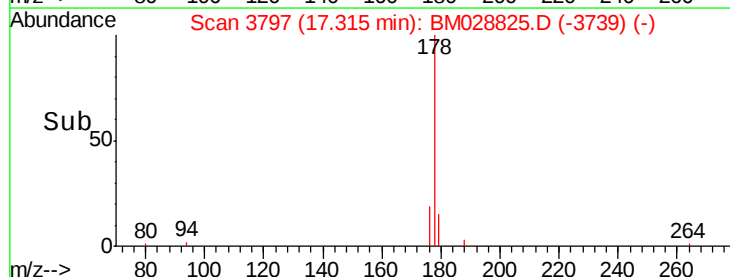
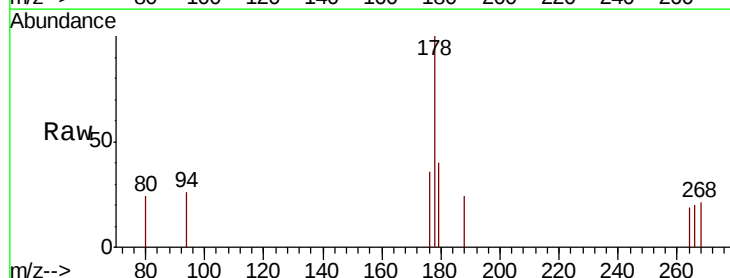
RT: 17.31 min Scan# 3797

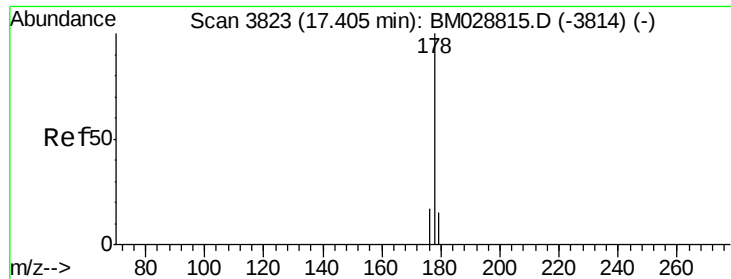
Delta R.T. 0.00 min

Lab File: BM028825.D

Acq: 19 Feb 2021 18:16

Tgt Ion:	178	Resp:	276
Ion	Ratio	Lower	Upper
178	100		
179	40.2	14.7	22.1#
176	36.4	16.7	25.1#





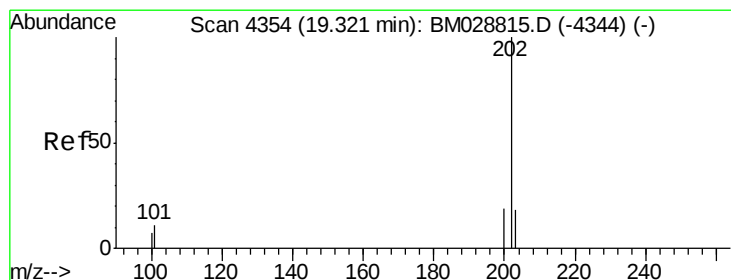
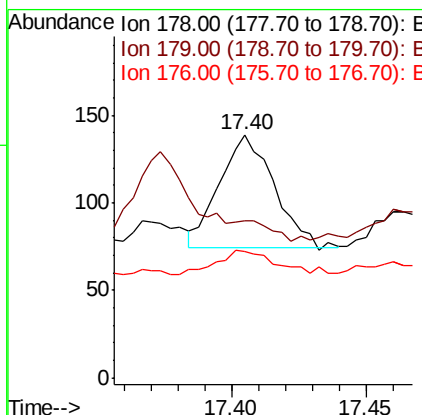
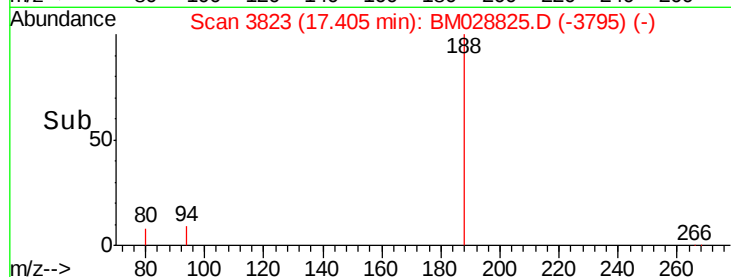
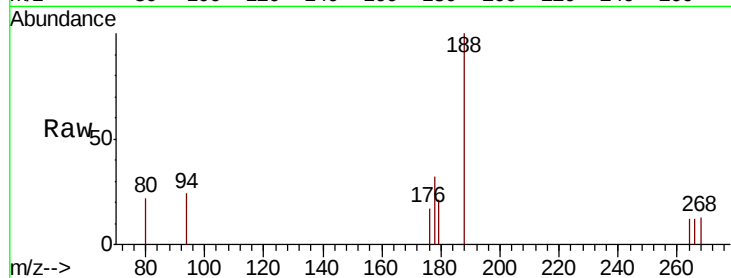
#13
 Anthracene
 Concen: 0.021 ng/ul
 RT: 17.40 min Scan# 3823
 Delta R.T. -0.00 min
 Lab File: BM028825.D
 Acq: 19 Feb 2021 18:16

Instrument :
 BNA_M
 ClientSampleID :
 DBGY0

Tot Ion:178 Resp: 92
 Ion Ratio Lower Upper
 178 100
 179 64.7 15.0 22.4#
 176 51.8 16.6 24.8#

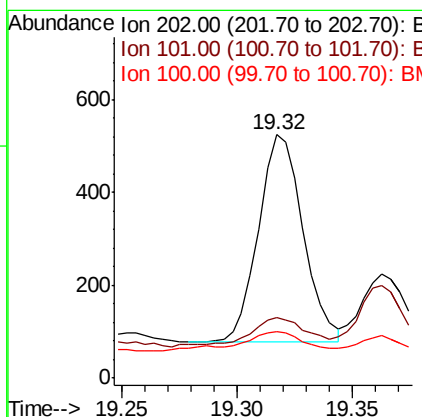
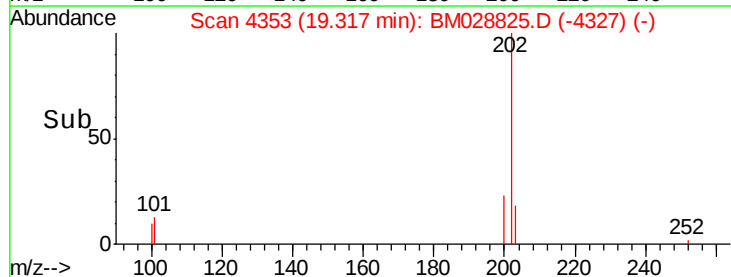
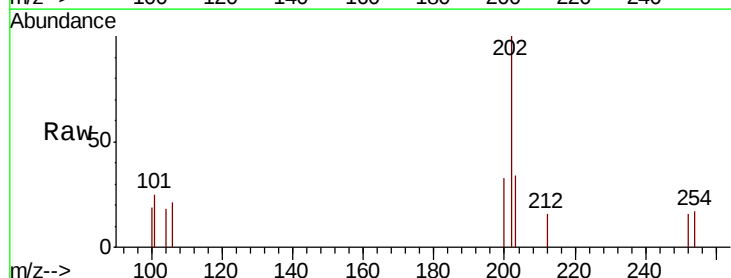
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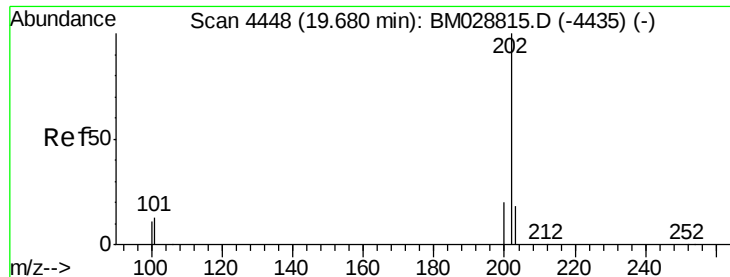
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#15
 Fluoranthene
 Concen: 0.114 ng/ul
 RT: 19.32 min Scan# 4353
 Delta R.T. 0.00 min
 Lab File: BM028825.D
 Acq: 19 Feb 2021 18:16

Tgt Ion:202 Resp: 600
 Ion Ratio Lower Upper
 202 100
 101 24.8 0.0 34.5
 100 19.3 0.0 31.7





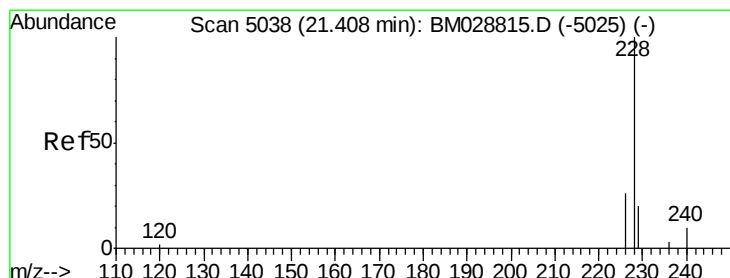
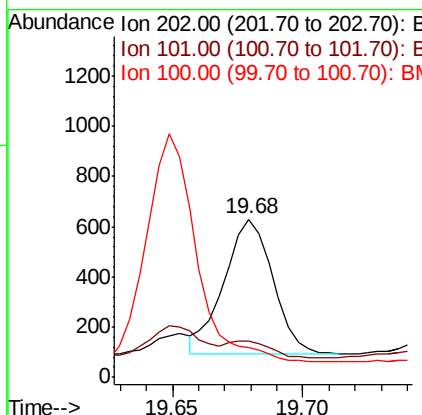
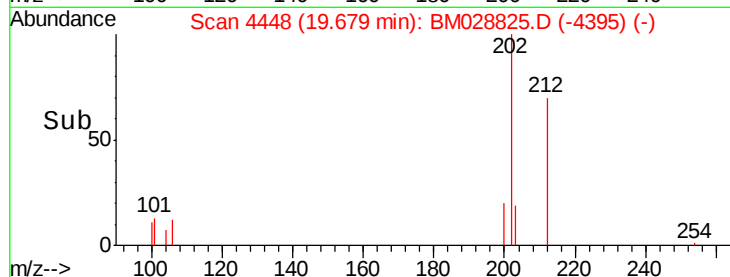
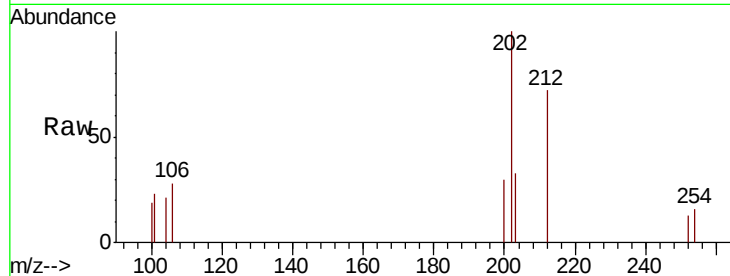
#17
Pvrene
Concen: 0.118 ng/ul m
RT: 19.68 min Scan# 4448
Delta R.T. 0.00 min
Lab File: BM028825.D
Acq: 19 Feb 2021 18:16

Instrument :
BNA_M
ClientSampleId :
DBGY0

Tot Ion	Ratio	Lower	Upper
202	100		
101	23.2	12.7	19.1#
100	19.2	10.2	15.4#

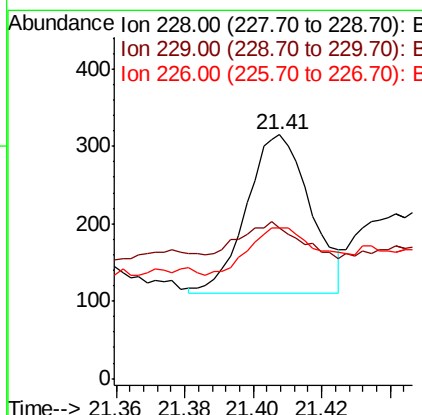
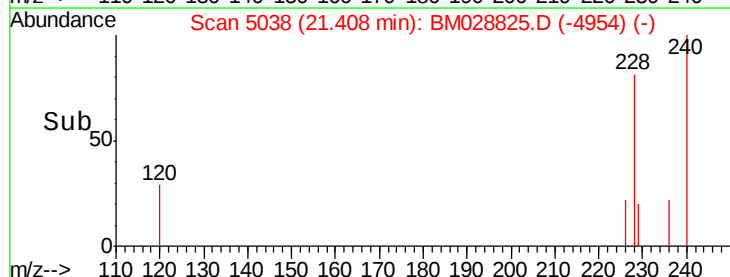
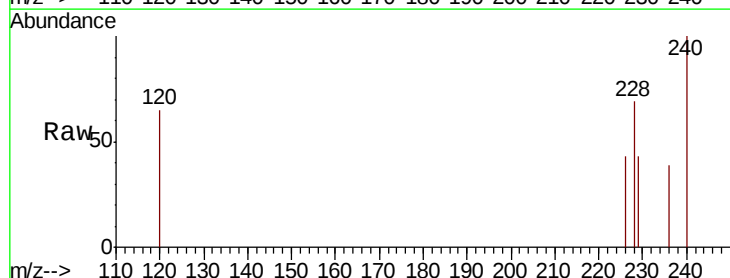
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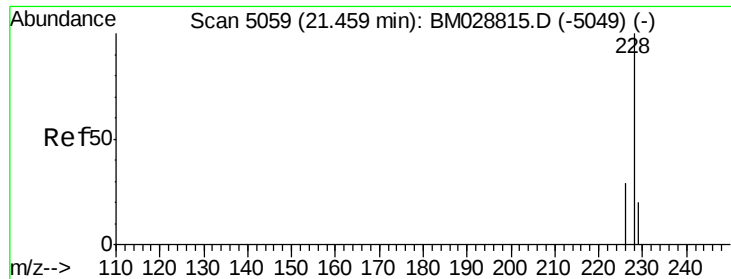
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#18
Benzo(a)anthracene
Concen: 0.048 ng/ul
RT: 21.41 min Scan# 5038
Delta R.T. 0.00 min
Lab File: BM028825.D
Acq: 19 Feb 2021 18:16

Tgt Ion	Ratio	Lower	Upper
228	100		
229	61.6	18.9	28.3#
226	61.6	22.6	34.0#





#19

Chrysene

Concen: 0.061 ng/ul

RT: 21.46 min Scan# 5059

Delta R.T. 0.00 min

Lab File: BM028825.D

Acq: 19 Feb 2021 18:16

Instrument :

BNA_M

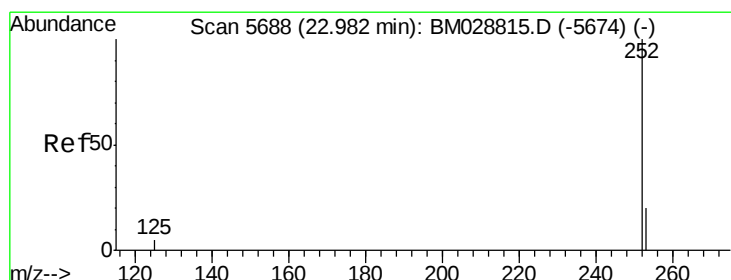
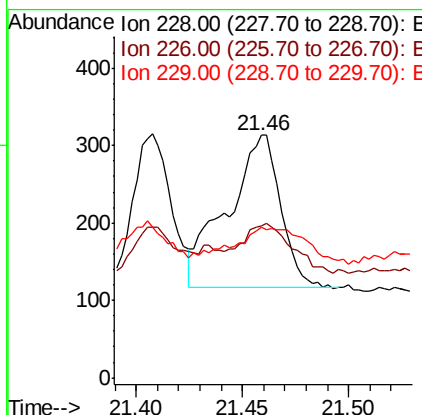
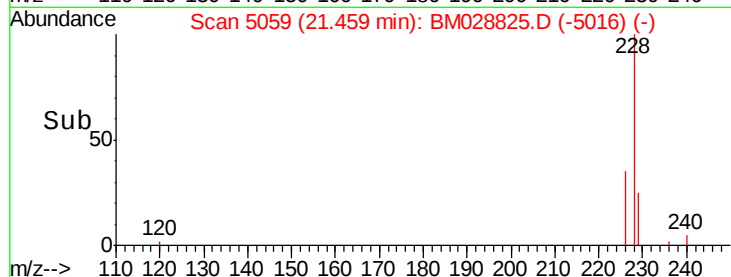
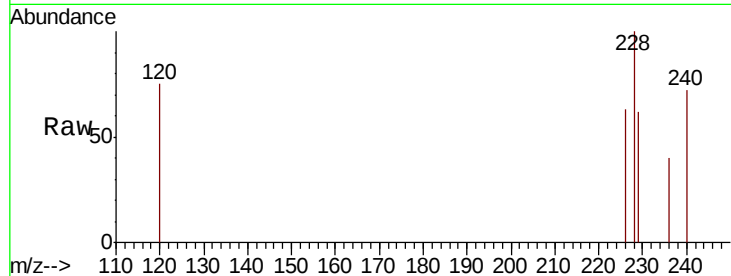
ClientSampleId :

DBGY0

Tot Ion:	228	Resp:	342
Ion Ratio	Lower	Upper	
228	100		
226	62.9	24.6	37.0#
229	62.0	18.8	28.2#

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#21

Benzo(b)fluoranthene

Concen: 0.099 ng/ul m

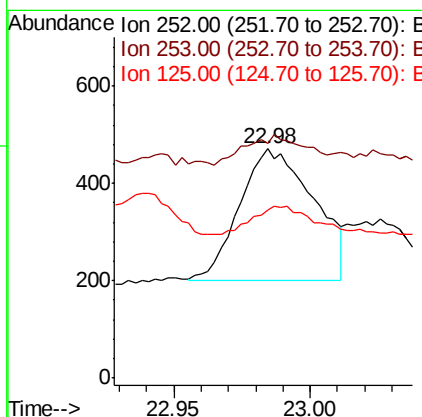
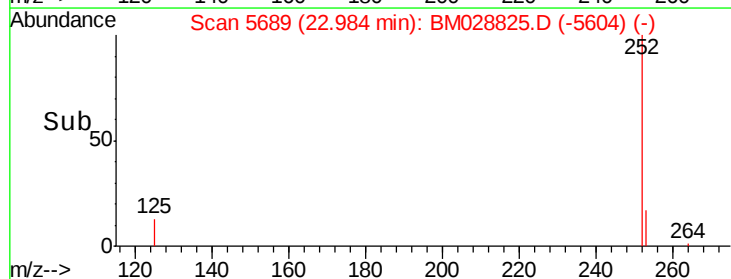
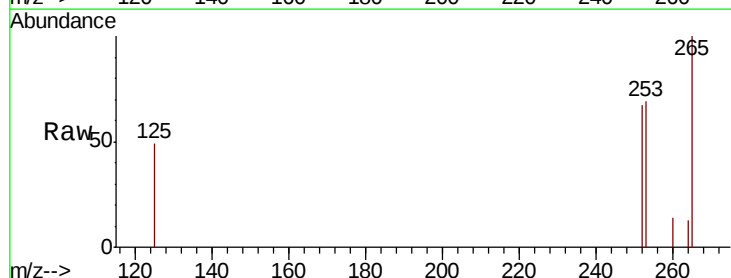
RT: 22.98 min Scan# 5689

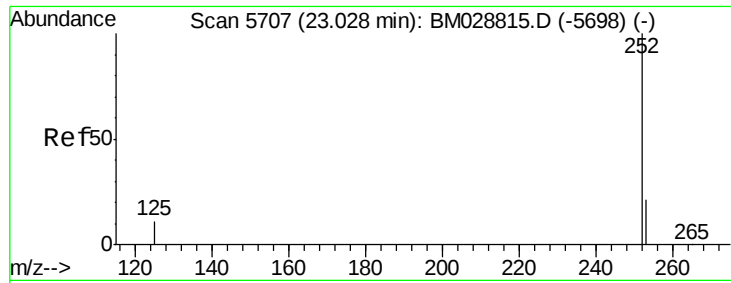
Delta R.T. 0.01 min

Lab File: BM028825.D

Acq: 19 Feb 2021 18:16

Tgt Ion:	252	Resp:	510
Ion Ratio	Lower	Upper	
252	100		
253	102.5	0.0	67.0#
125	73.0	0.0	57.4#





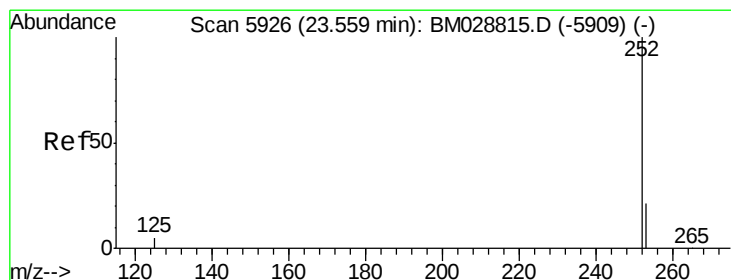
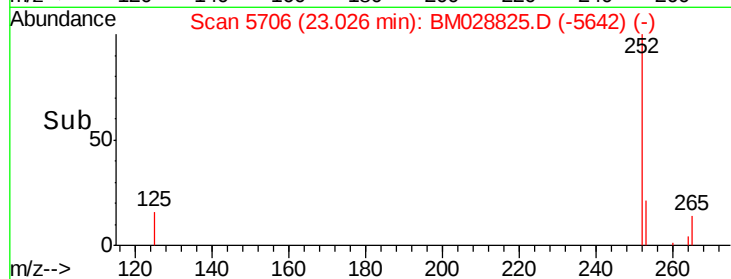
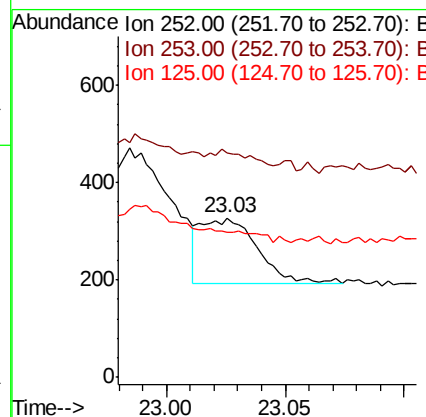
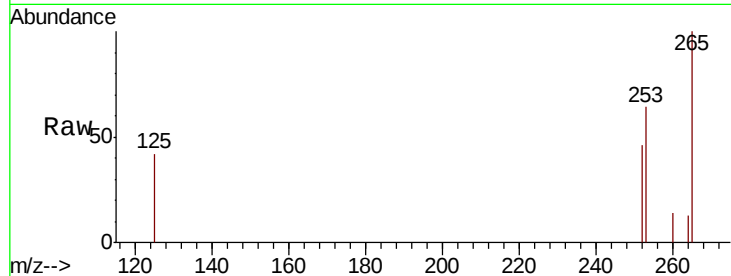
#22
Benzo(k)fluoranthene
Concen: 0.043 ng/ul m
RT: 23.03 min Scan# 5706
Delta R.T. 0.00 min
Lab File: BM028825.D
Acq: 19 Feb 2021 18:16

Instrument :
BNA_M
ClientSampleId :
DBGY0

Tot Ion	Ratio	Lower	Upper
252	100		
253	140.2	26.3	39.5#
125	91.2	22.9	34.3#

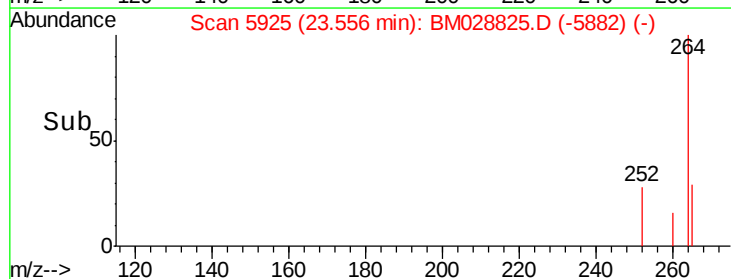
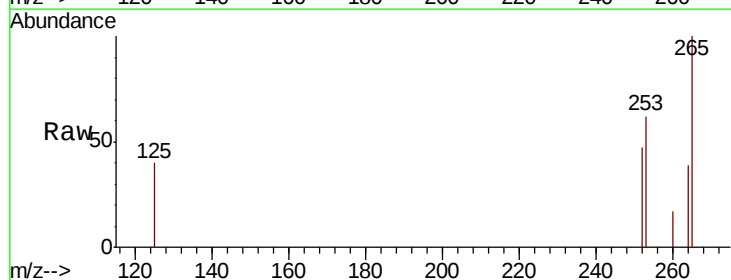
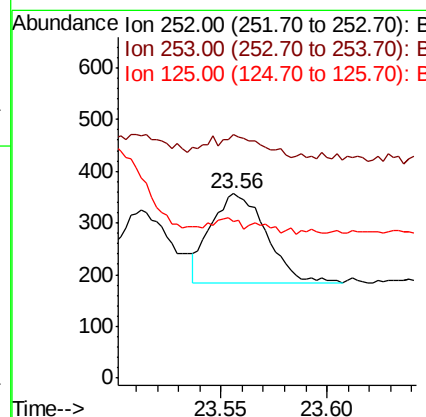
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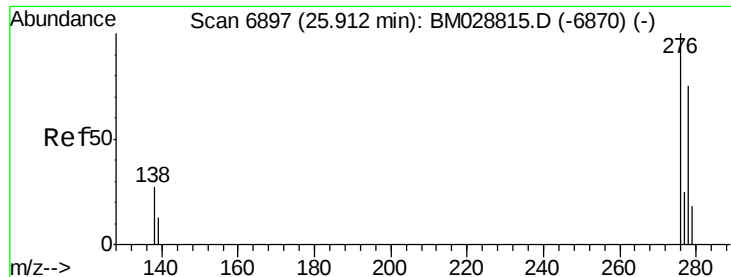
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#23
Benzo(a)pyrene
Concen: 0.067 ng/ul
RT: 23.56 min Scan# 5925
Delta R.T. 0.00 min
Lab File: BM028825.D
Acq: 19 Feb 2021 18:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	132.3	28.7	43.1#
125	85.1	27.9	41.9#





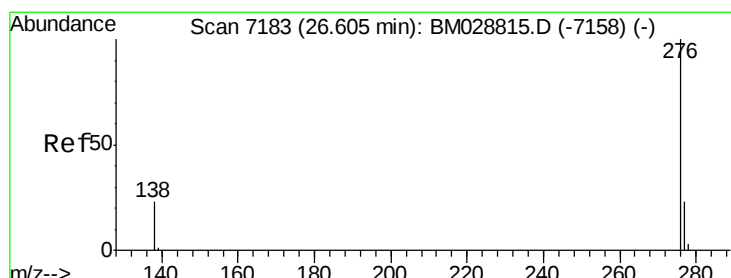
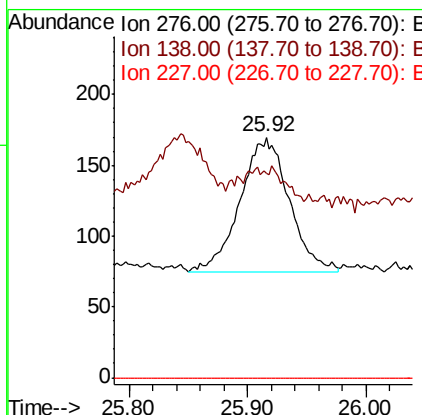
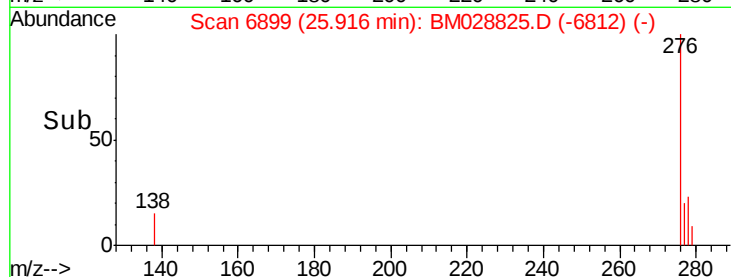
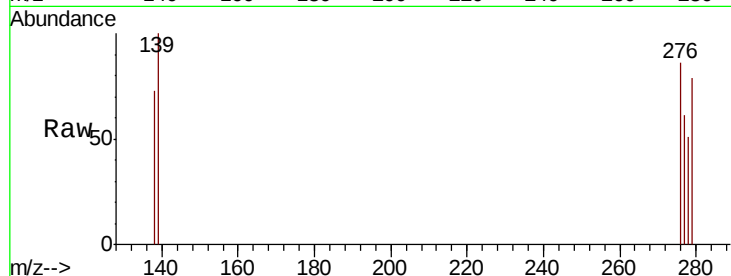
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.045 ng/uL
RT: 25.92 min Scan# 6899
Delta R.T. 0.01 min
Lab File: BM028825.D
Acq: 19 Feb 2021 18:16

Instrument :
BNA_M
ClientSampleID :
DBGY0

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
138	18.1	0.0	0.0	0.0
227	0.0	0.0	0.0	0.0

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#26
Benzo(g,h,i)perylene
Concen: 0.028 ng/uL
RT: 26.61 min Scan# 7185
Delta R.T. 0.01 min
Lab File: BM028825.D
Acq: 19 Feb 2021 18:16

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	108.2	25.4	38.2	
277	88.5	25.3	37.9	

