

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
 Data File : BM026860.D
 Acq On : 23 Jul 2020 20:34
 Operator : JU/CG
 Sample : L3381-04 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 347-GRID-B1-B2

Manual Integrations
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Sohil
 7/24/2020 12:16:30 PM

Quant Time: Jul 24 02:14:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 14:16:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	100450	20.00	ng	-0.02
21) Naphthalene-d8	10.03	136	379284	20.00	ng	-0.02
39) Acenaphthene-d10	13.95	164	221329	20.00	ng	-0.01
64) Phenanthrene-d10	16.71	188	460690	20.00	ng	-0.01
76) Chrysene-d12	20.94	240	508266	20.00	ng	0.00
86) Perylene-d12	23.01	264	523042	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	169109	28.22	ng	-0.02
7) Phenol-d6	6.50	99	226369	23.71	ng	-0.02
23) Nitrobenzene-d5	8.42	82	155548	17.50	ng	-0.02
42) 2,4,6-Tribromophenol	15.46	330	75216	23.33	ng	-0.01
45) 2-Fluorobiphenyl	12.55	172	304363	18.28	ng	-0.02
79) Terphenyl-d14	19.38	244	430850	16.68	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.42	163	103857	5.486	ng	99
71) Phenanthrene	16.75	178	284068	10.445	ng	99
72) Anthracene	16.84	178	87298	3.224	ng	98
75) Fluoranthene	18.79	202	574886	17.162	ng	100
78) Pyrene	19.15	202	532560	16.633	ng	99
81) Benzo(a)anthracene	20.92	228	287382	8.417	ng	97
83) Chrysene	20.98	228	275965	8.305	ng	97
87) Indeno(1,2,3-cd)pyrene	24.99	276	177842	4.776	ng	96
88) Benzo(b)fluoranthene	22.41	252	354578m	10.289	ng	
89) Benzo(k)fluoranthene	22.44	252	133967m	3.963	ng	
90) Benzo(a)pyrene	22.92	252	259848	8.122	ng	# 94
92) Benzo(a,h,i)perylene	25.60	276	179182	6.187	ng	100

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

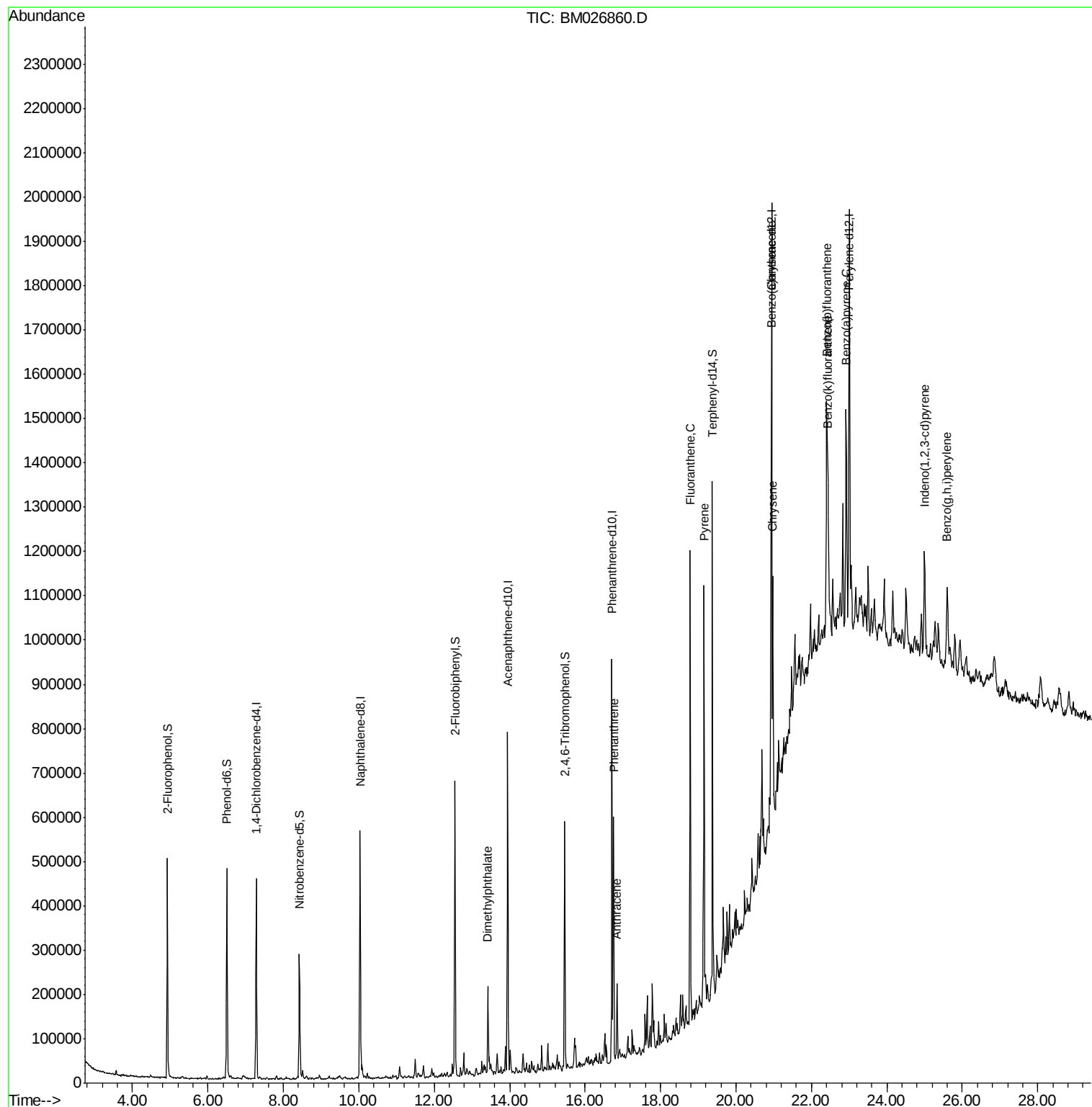
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026860.D
Acq On : 23 Jul 2020 20:34
Operator : JU/CG
Sample : L3381-04 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

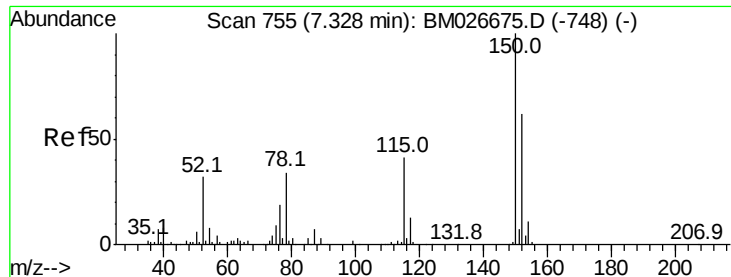
Instrument :
BNA_M
ClientSampleId :
347-GRID-B1-B2

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Quant Time: Jul 24 02:14:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

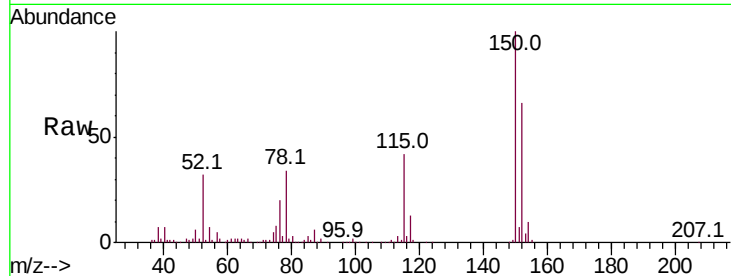
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.28 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM026860.D
Acq: 23 Jul 2020 20:34

Instrument :
BNA_M
ClientSampleId :
347-GRID-B1-B2

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	128.1	192.1
115	64.1	52.2	78.4

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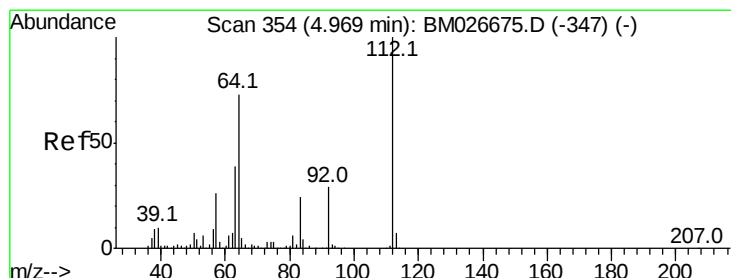
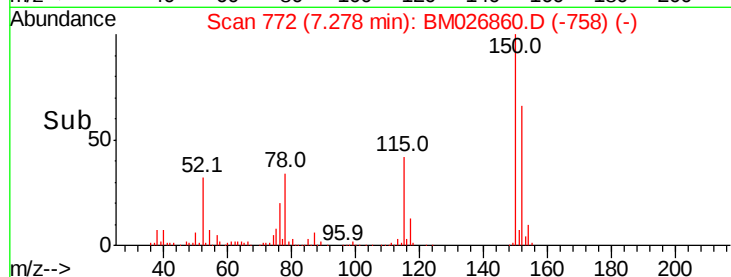
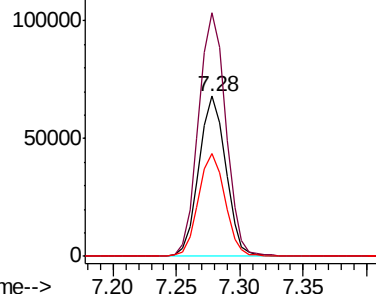


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

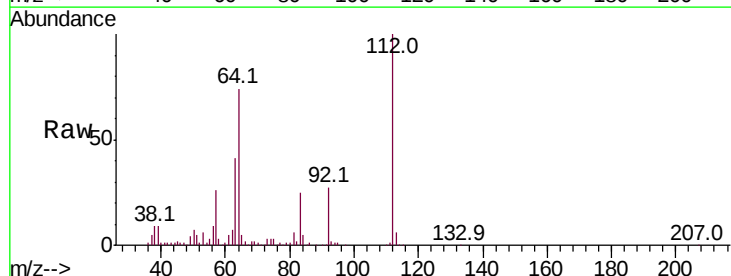
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 28.217 ng
RT: 4.93 min Scan# 372
Delta R.T. -0.02 min
Lab File: BM026860.D
Acq: 23 Jul 2020 20:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.3	58.4	87.6
63	41.0	31.5	47.3

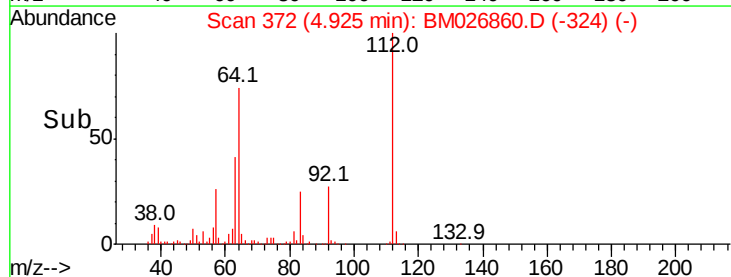
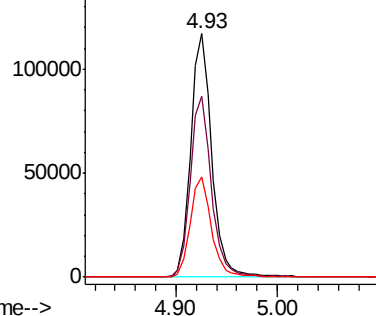


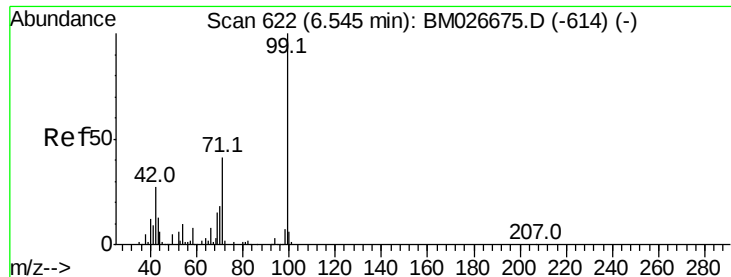
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 23.707 ng

RT: 6.50 min Scan# 639

Delta R.T. -0.02 min

Lab File: BM026860.D

Acq: 23 Jul 2020 20:34

Instrument :

BNA_M

ClientSampleId :

347-GRID-B1-B2

Tot Ion: 99 Resp: 226369

Ion Ratio Lower Upper

99 100

42 28.0 21.7 32.5

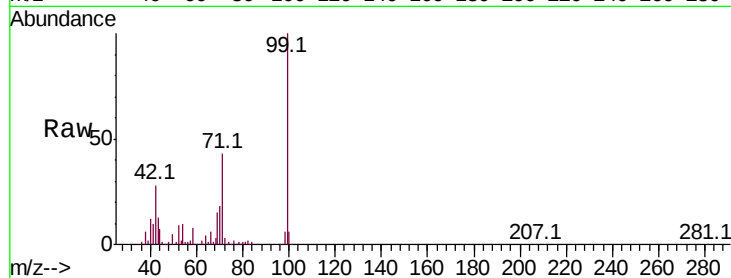
71 42.8 33.2 49.8

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Abundance Ion 99.00 (98.70 to 99.70): BM026675.D (-614) (-)

Ion 42.00 (41.70 to 42.70): BM026675.D (-614) (-)

Ion 71.00 (70.70 to 71.70): BM026675.D (-614) (-)

6.50

150000

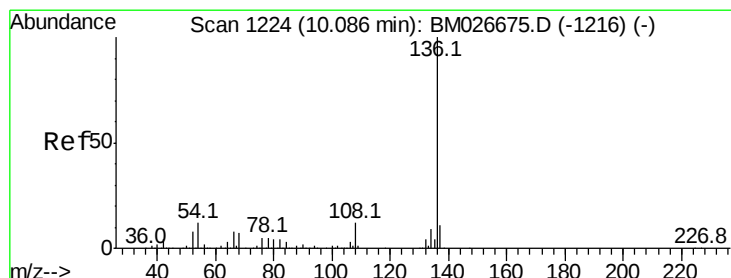
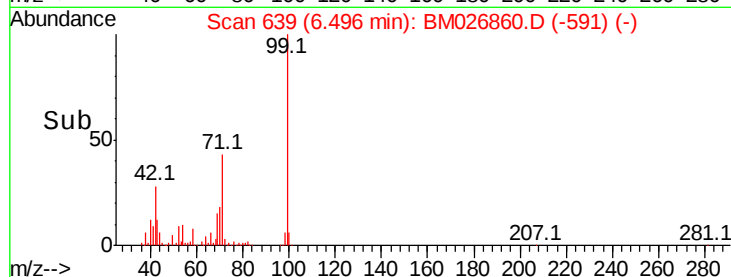
100000

50000

0

6.40 6.45 6.50 6.55 6.60

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.03 min Scan# 1240

Delta R.T. -0.02 min

Lab File: BM026860.D

Acq: 23 Jul 2020 20:34

Tgt Ion: 136 Resp: 379284

Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 12.0 9.8 14.6

68 6.7 5.8 8.6

Abundance Ion 136.00 (135.70 to 136.70): BM026675.D (-1216) (-)

Ion 137.00 (136.70 to 137.70): BM026675.D (-1216) (-)

Ion 54.00 (53.70 to 54.70): BM026675.D (-1216) (-)

Ion 68.00 (67.70 to 68.70): BM026675.D (-1216) (-)

10.03

300000

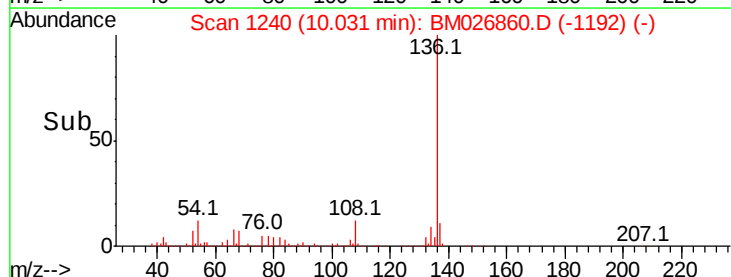
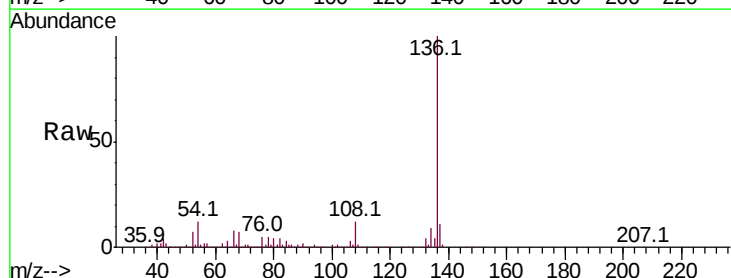
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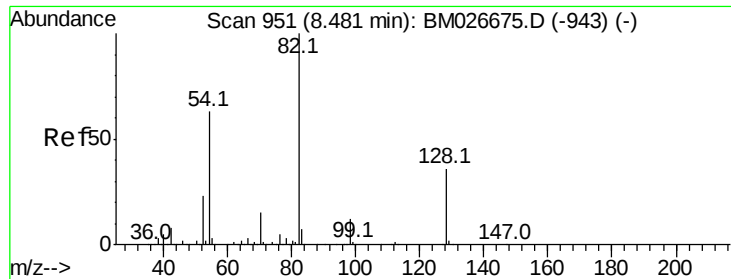
100000

0

10.00 10.10

Time-->





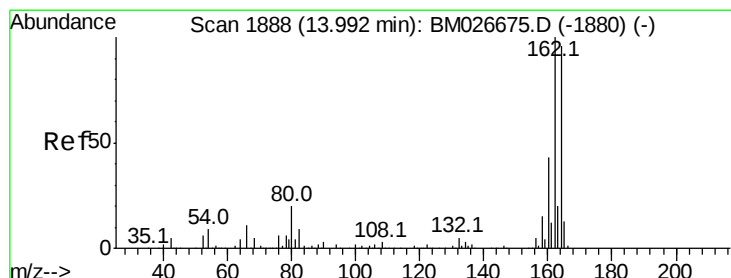
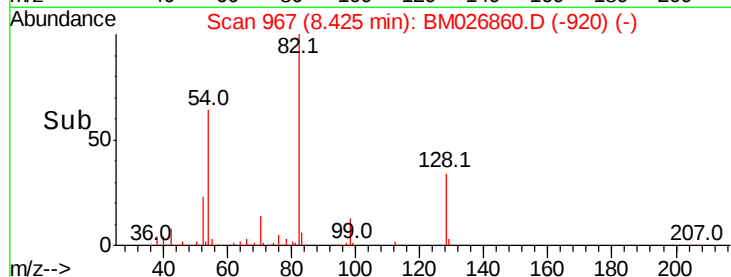
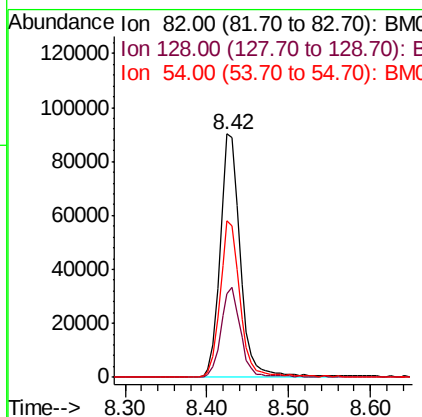
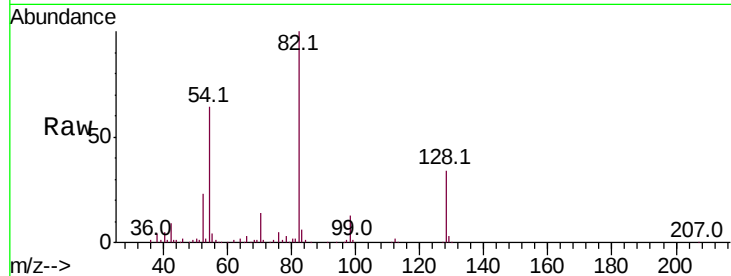
#23
 Nitrobenzene-d5
 Concen: 17.497 ng
 RT: 8.42 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BM026860.D
 Acq: 23 Jul 2020 20:34

Instrument :
 BNA_M
 ClientSampleId :
 347-GRID-B1-B2

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.1	29.1	43.7
54	64.5	50.2	75.4

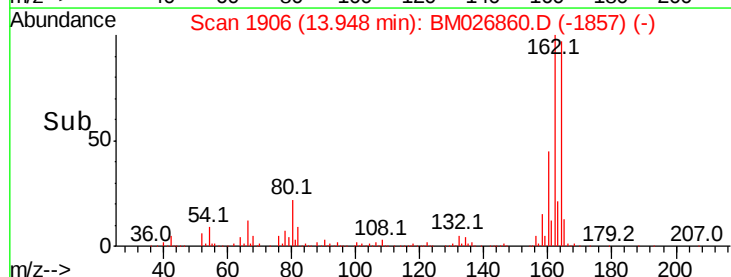
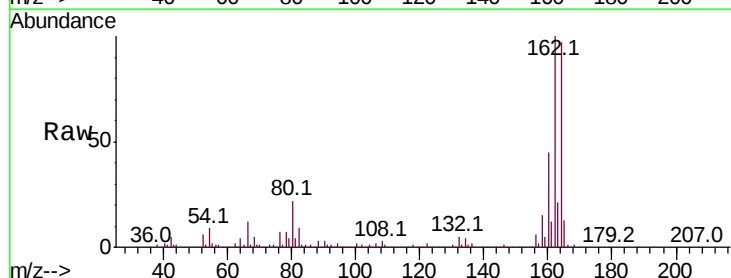
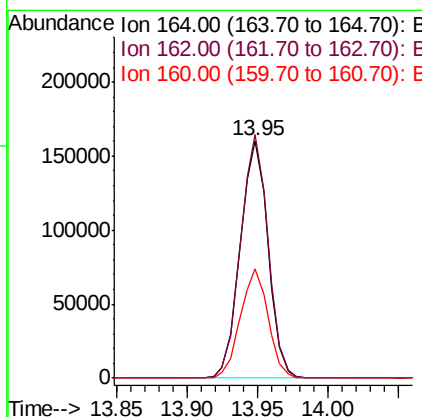
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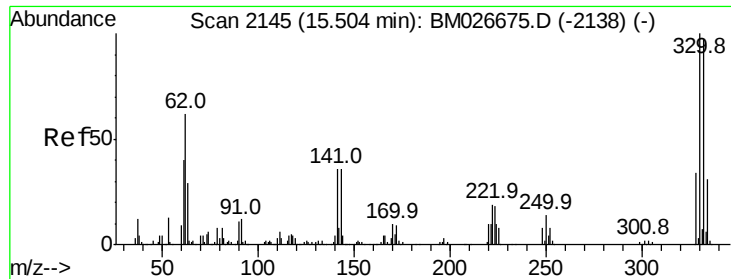
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.95 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BM026860.D
 Acq: 23 Jul 2020 20:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.7	125.5
160	46.1	36.2	54.2





#42

2,4,6-Tribromophenol

Concen: 23.329 ng

RT: 15.46 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BM026860.D

Acq: 23 Jul 2020 20:34

Instrument :

BNA_M

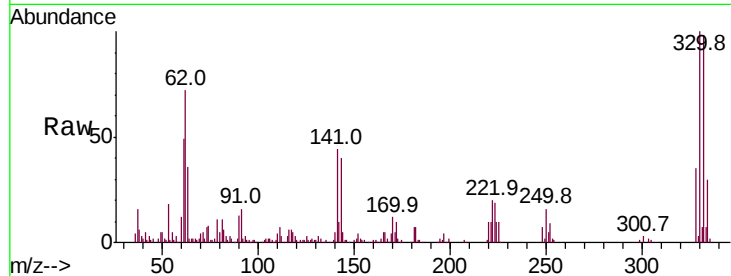
ClientSampleId :

347-GRID-B1-B2

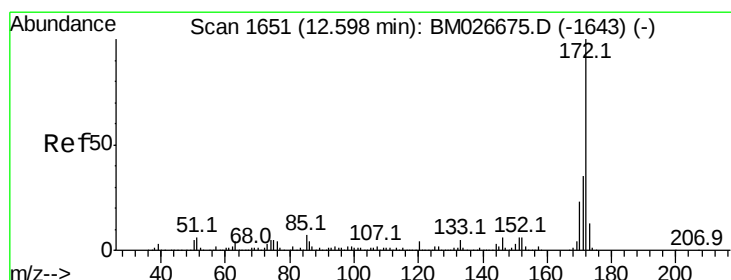
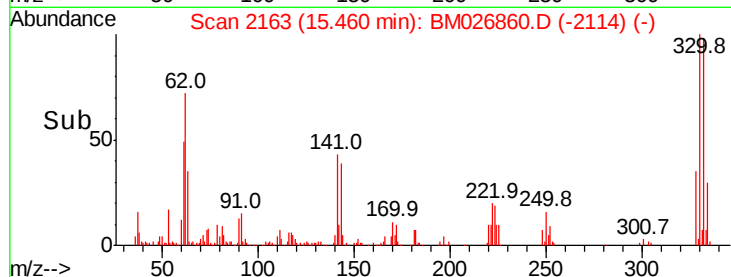
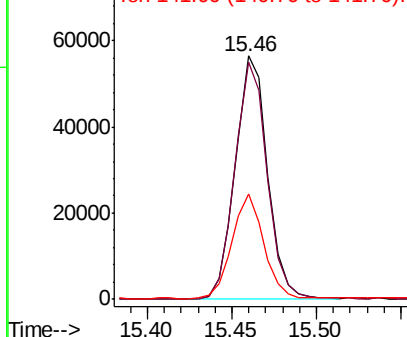
Tot Ion:	330	Resp:	75216
Ion Ratio	Lower	Upper	
330	100		
332	97.7	77.5	116.3
141	42.1	32.4	48.6

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 18.285 ng

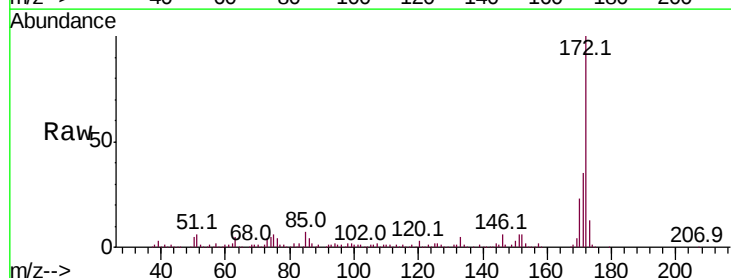
RT: 12.55 min Scan# 1668

Delta R.T. -0.02 min

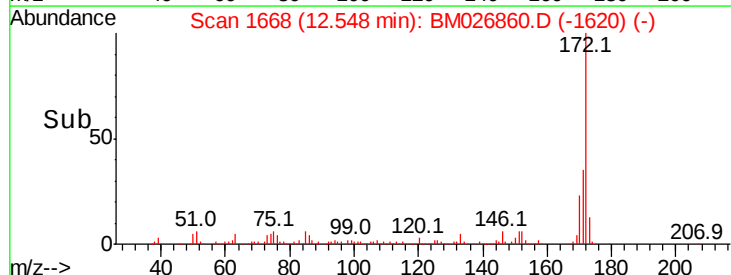
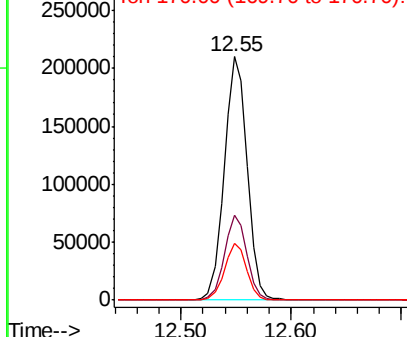
Lab File: BM026860.D

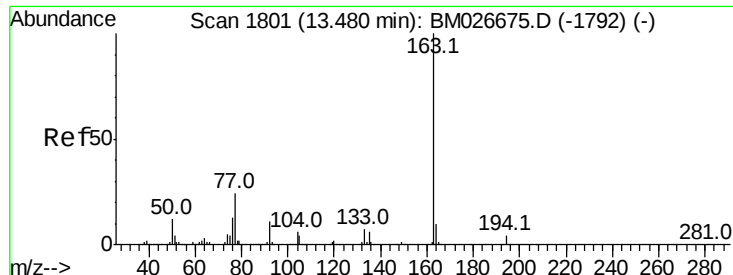
Acq: 23 Jul 2020 20:34

Tgt Ion:	172	Resp:	304363
Ion Ratio	Lower	Upper	
172	100		
171	34.8	27.8	41.6
170	23.2	18.5	27.7



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





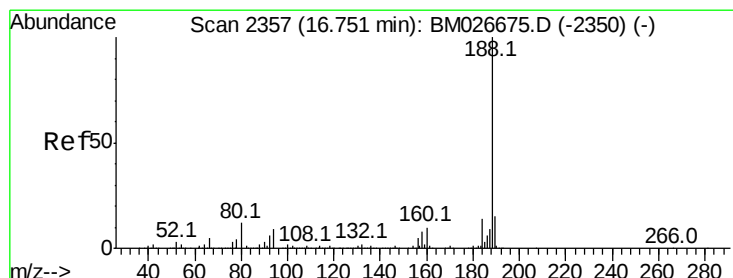
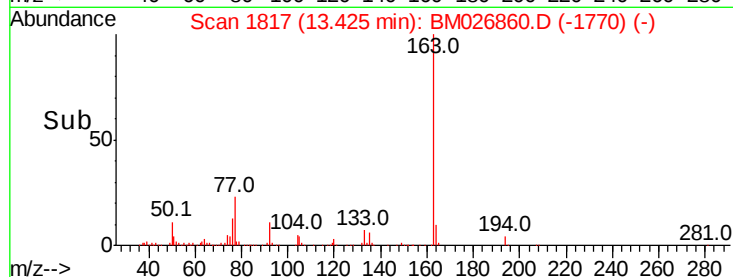
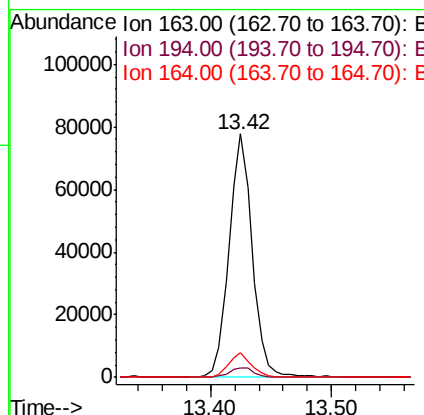
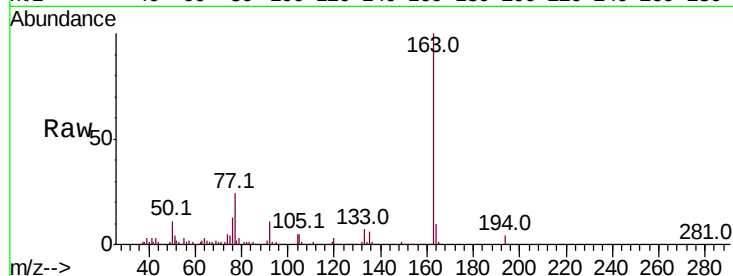
#50
Dimethylphthalate
Concen: 5.486 ng
RT: 13.42 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BM026860.D
Acq: 23 Jul 2020 20:34

Instrument :
BNA_M
ClientSampleId :
347-GRID-B1-B2

Tot Ion	Ratio	Resp	Lower	Upper
163	100	103857		
194	4.0		3.4	5.2
164	10.2		7.8	11.6

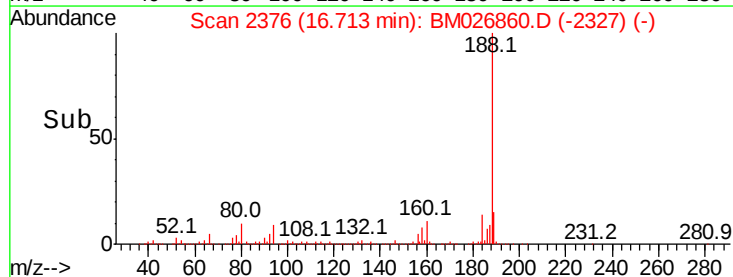
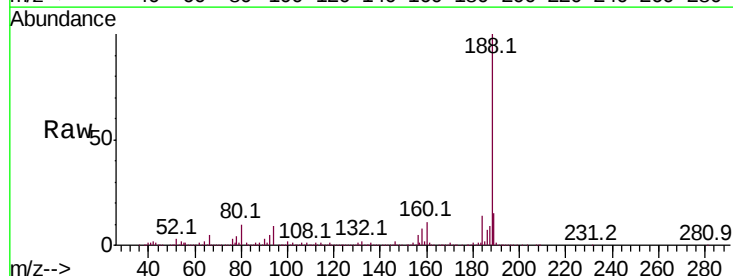
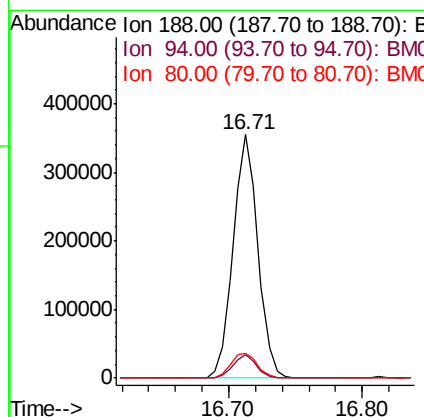
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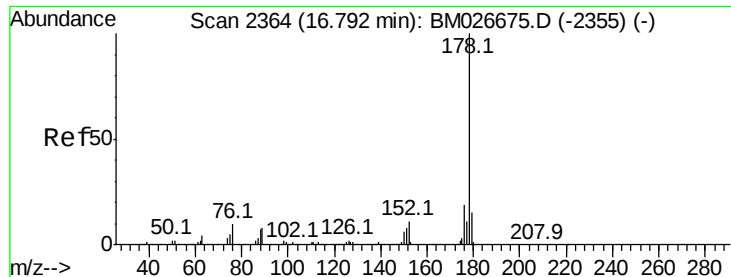
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.71 min Scan# 2376
Delta R.T. -0.01 min
Lab File: BM026860.D
Acq: 23 Jul 2020 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	460690		
94	9.5		7.4	11.0
80	10.3		9.3	13.9





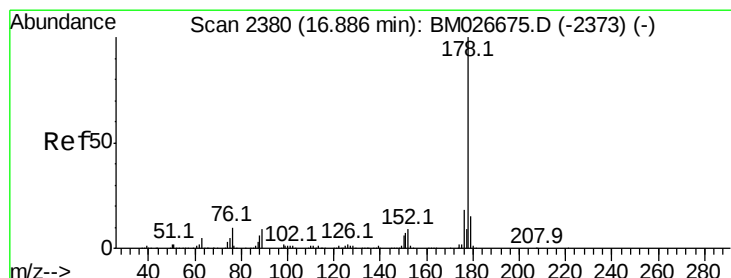
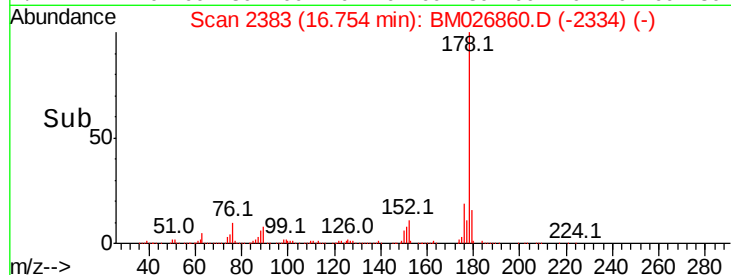
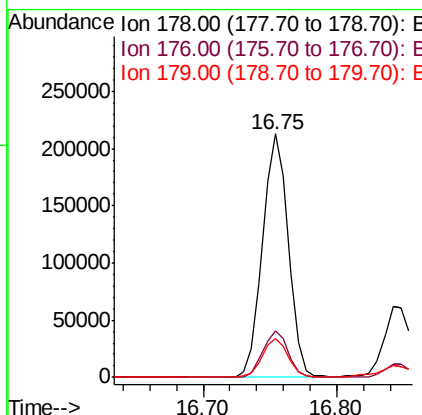
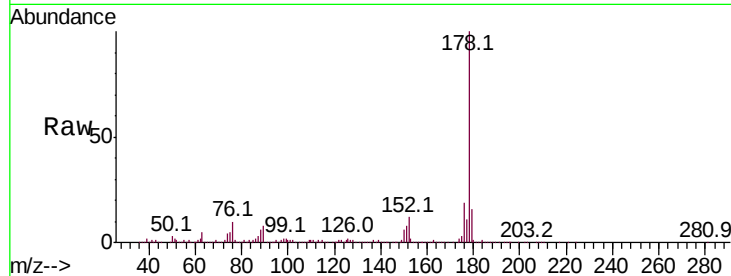
#71
Phenanthrene
Concen: 10.445 ng
RT: 16.75 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM026860.D
Acq: 23 Jul 2020 20:34

Instrument :
BNA_M
ClientSampleId :
347-GRID-B1-B2

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.9	12.1	18.1

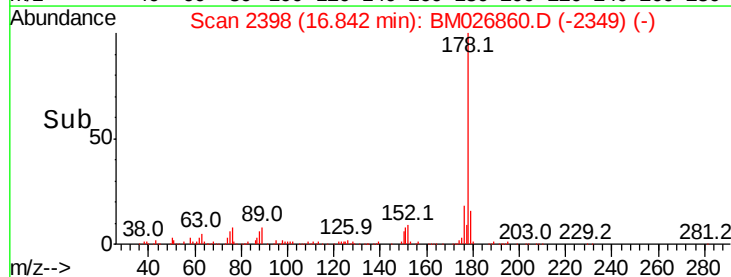
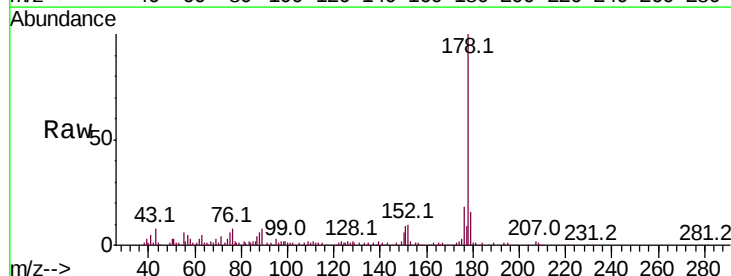
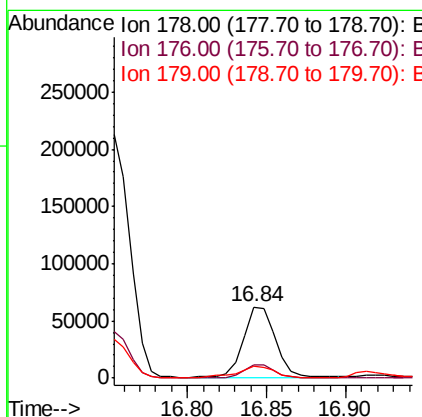
Manual Integrations
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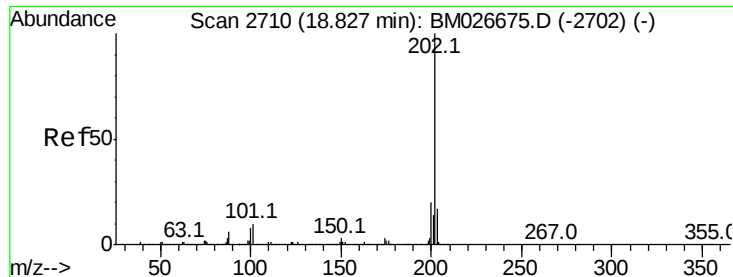
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#72
Anthracene
Concen: 3.224 ng
RT: 16.84 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BM026860.D
Acq: 23 Jul 2020 20:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.7	22.1
179	16.4	12.1	18.1





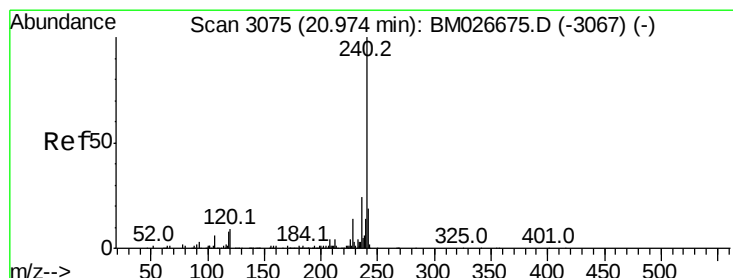
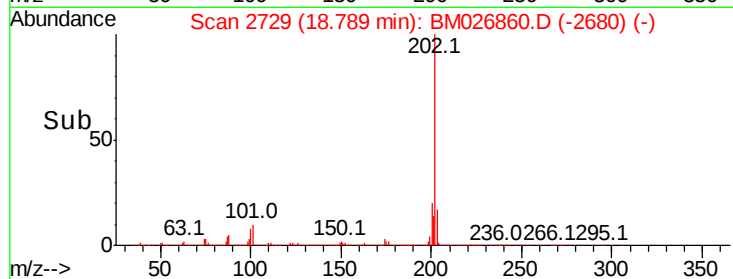
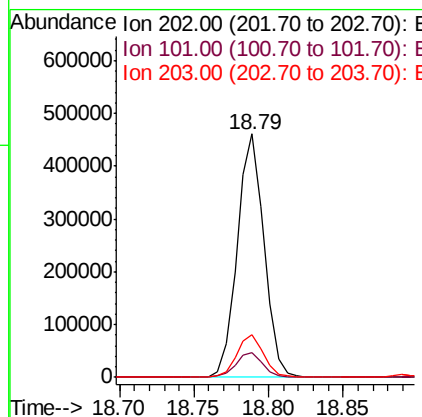
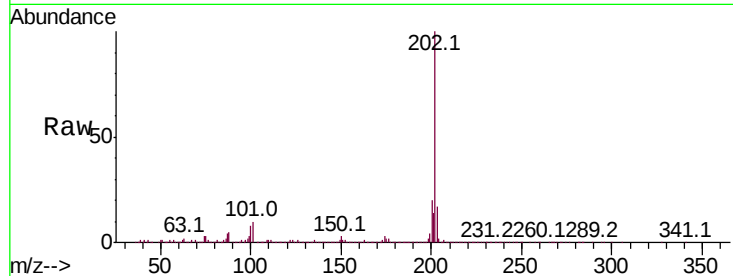
#75
 Fluoranthene
 Concen: 17.162 ng
 RT: 18.79 min Scan# 2729
 Delta R.T. -0.01 min
 Lab File: BM026860.D
 Acq: 23 Jul 2020 20:34

Instrument :
 BNA_M
 ClientSampleId :
 347-GRID-B1-B2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.1	0.0	30.1
203	17.3	0.0	37.2

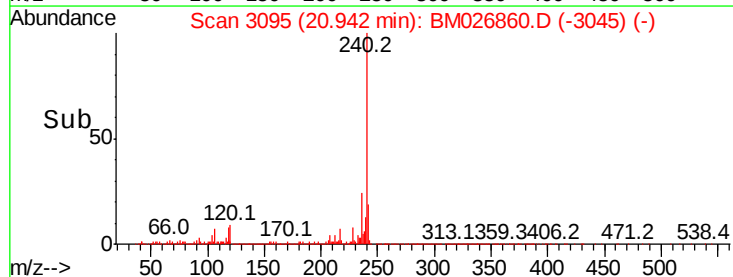
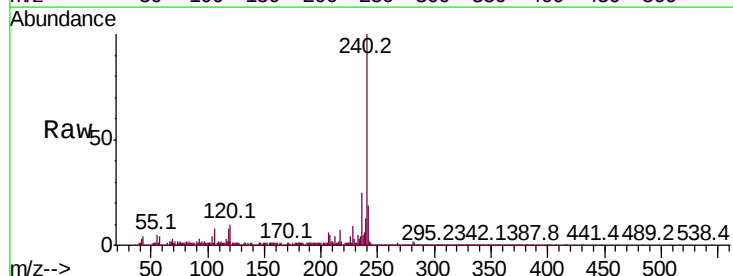
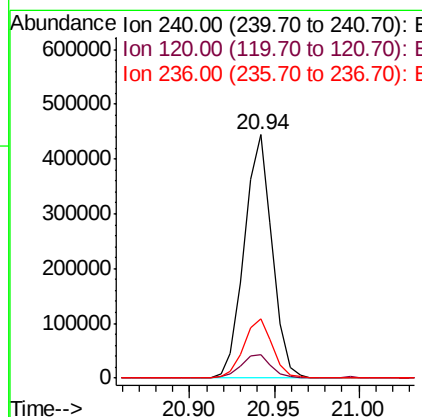
Manual Integrations
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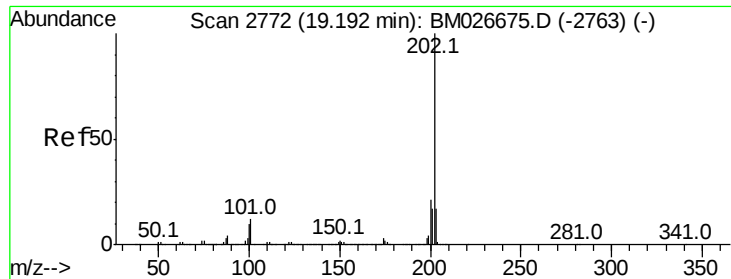
Sohil
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 20.94 min Scan# 3095
 Delta R.T. -0.01 min
 Lab File: BM026860.D
 Acq: 23 Jul 2020 20:34

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.7	7.3	10.9
236	24.5	19.4	29.2





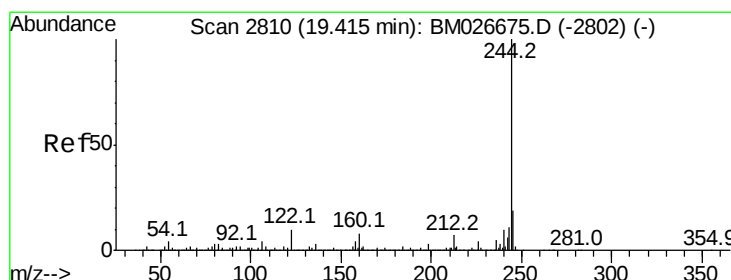
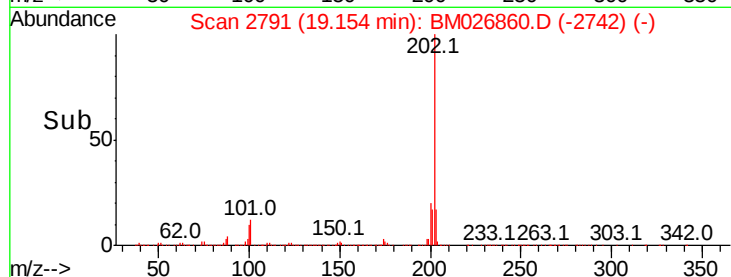
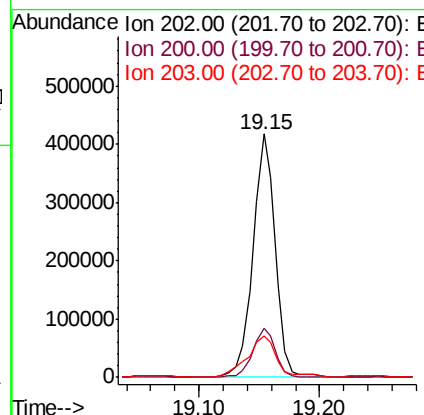
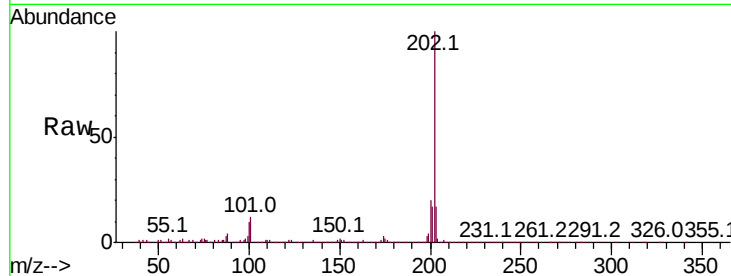
#78
Pvrene
Concen: 16.633 ng
RT: 19.15 min Scan# 2791
Delta R.T. -0.01 min
Lab File: BM026860.D
Acq: 23 Jul 2020 20:34

Instrument :
BNA_M
ClientSampleId :
347-GRID-B1-B2

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.6	24.8
203	17.0	13.7	20.5

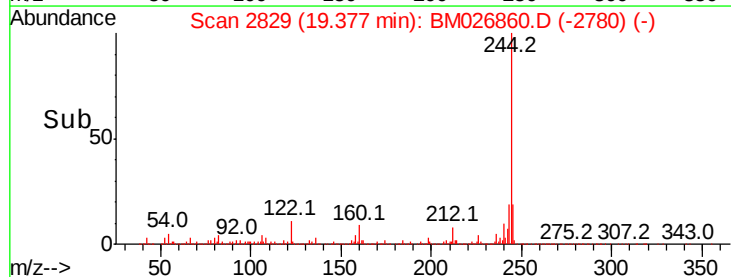
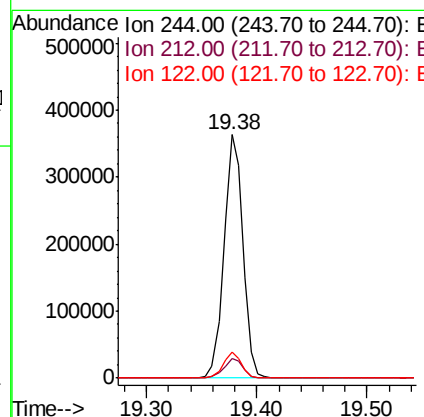
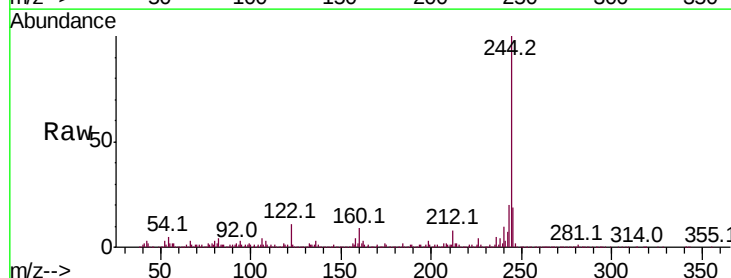
Manual Integrations
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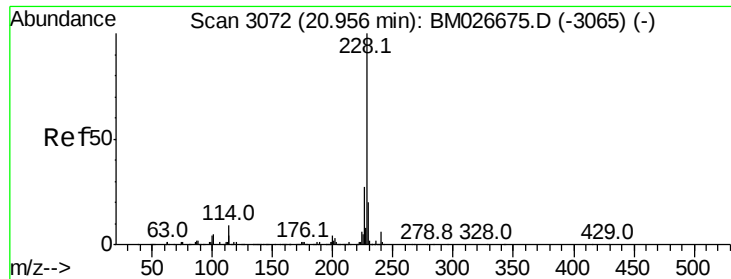
Sohil
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#79
Terphenyl-d14
Concen: 16.683 ng
RT: 19.38 min Scan# 2829
Delta R.T. -0.01 min
Lab File: BM026860.D
Acq: 23 Jul 2020 20:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.9	8.9
122	10.6	8.2	12.4





#81

Benzo(a)anthracene

Concen: 8.417 ng

RT: 20.92 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM026860.D

Acq: 23 Jul 2020 20:34

Instrument :

BNA_M

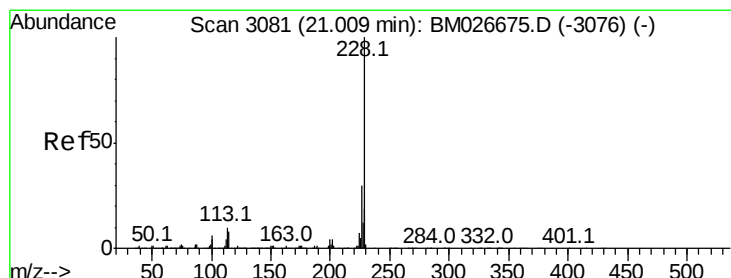
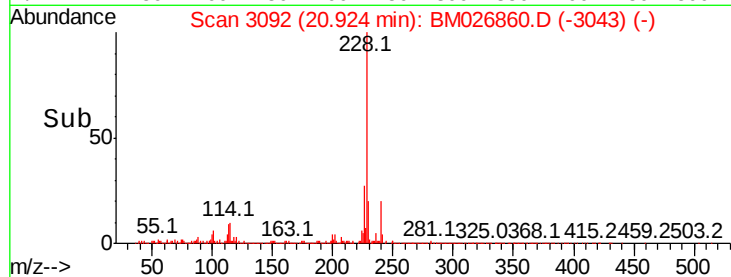
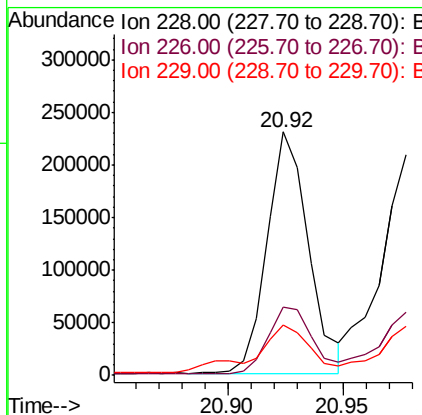
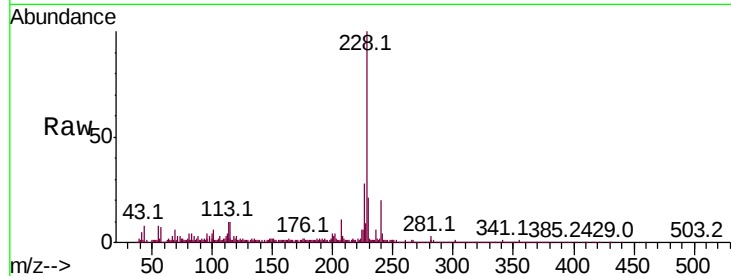
ClientSampleId :

347-GRID-B1-B2

Tot Ion:	228	Resp:	287382
Ion Ratio	Lower	Upper	
228	100		
226	28.0	21.4	32.2
229	20.7	15.6	23.4

Manual Integrations
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#83

Chrysene

Concen: 8.305 ng

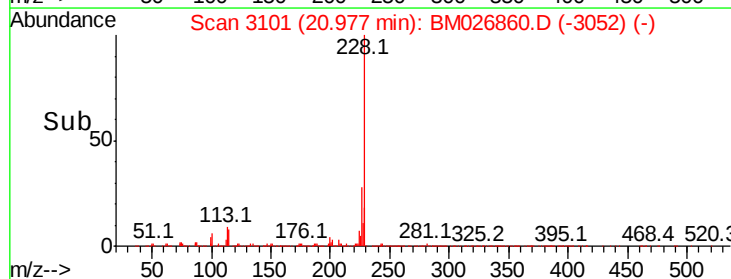
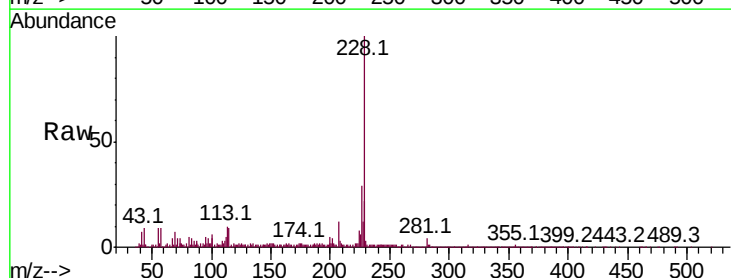
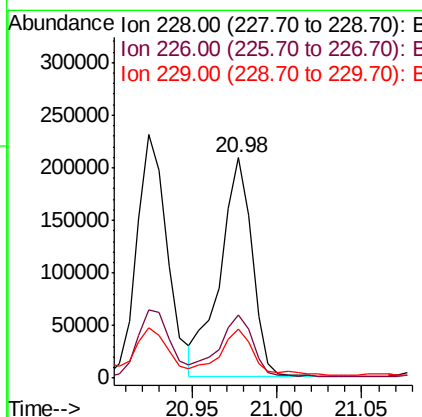
RT: 20.98 min Scan# 3101

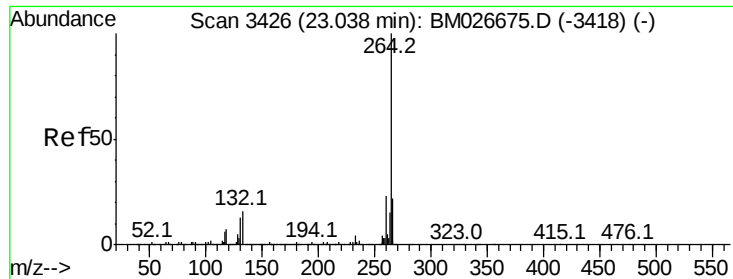
Delta R.T. -0.01 min

Lab File: BM026860.D

Acq: 23 Jul 2020 20:34

Tgt Ion:	228	Resp:	275965
Ion Ratio	Lower	Upper	
228	100		
226	28.8	23.7	35.5
229	22.1	15.4	23.0





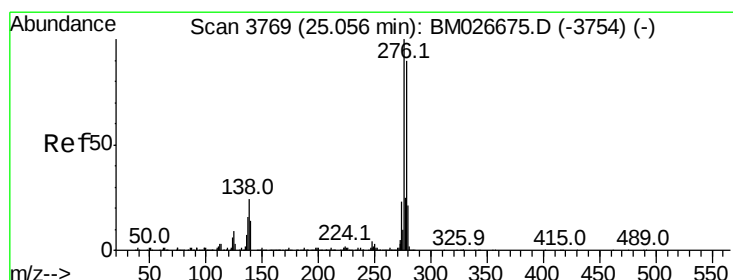
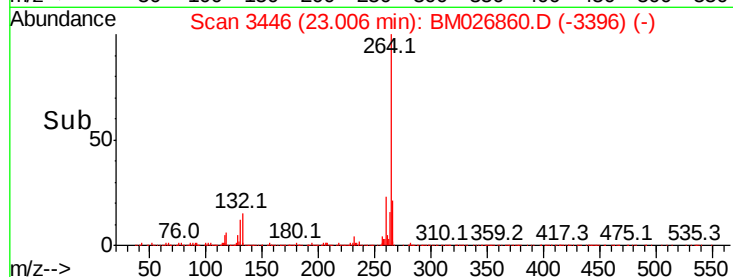
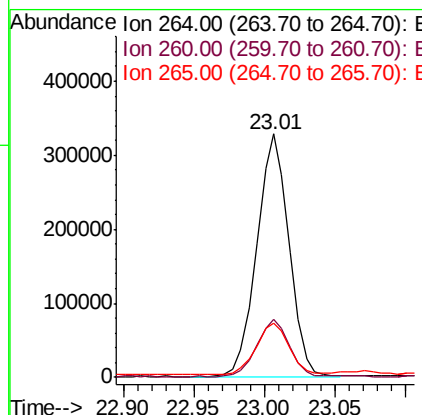
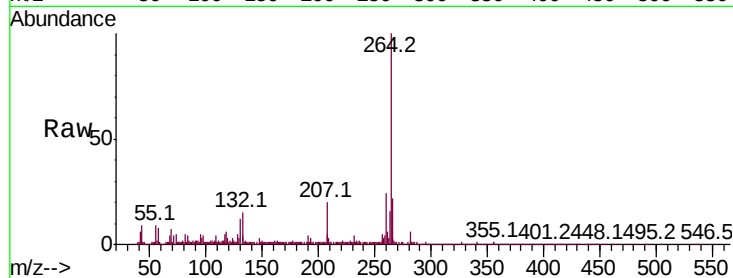
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.01 min Scan# 3446
Delta R.T. -0.01 min
Lab File: BM026860.D
Acq: 23 Jul 2020 20:34

Instrument :
BNA_M
ClientSampleId :
347-GRID-B1-B2

Tot Ion:	264	Resp:	523042
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.2	27.2
265	22.1	17.6	26.4

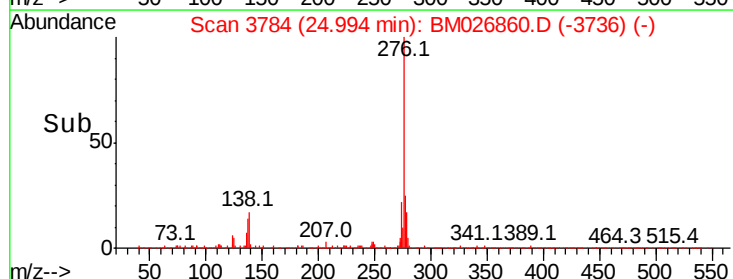
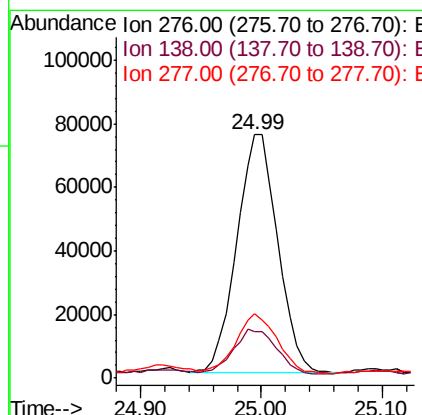
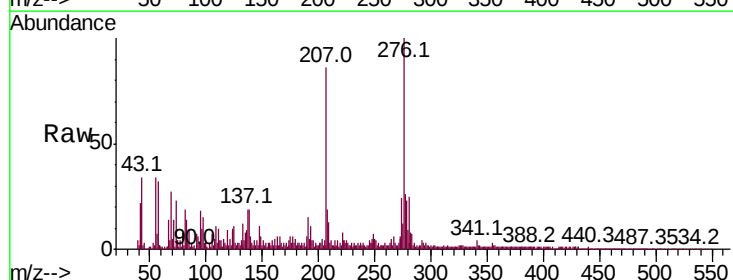
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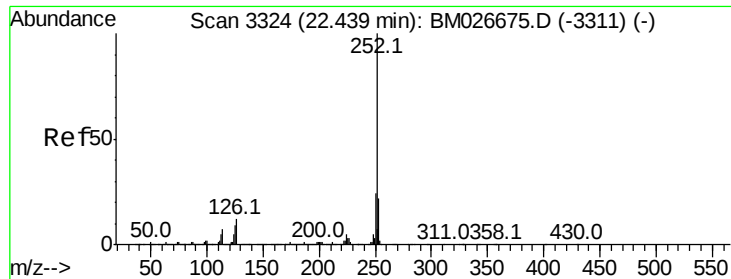
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#87
Indeno(1,2,3-cd)pyrene
Concen: 4.776 ng
RT: 24.99 min Scan# 3784
Delta R.T. -0.02 min
Lab File: BM026860.D
Acq: 23 Jul 2020 20:34

Tgt Ion:	276	Resp:	177842
Ion Ratio	Lower	Upper	
276	100		
138	19.6	18.4	27.6
277	25.7	20.0	30.0





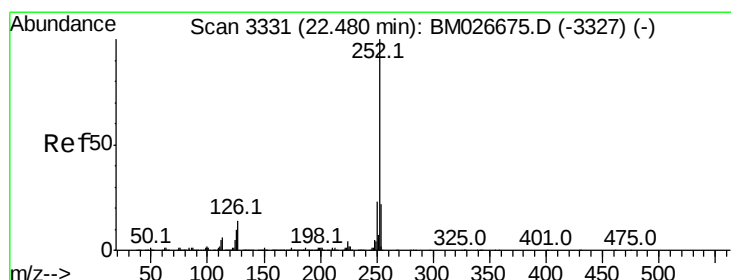
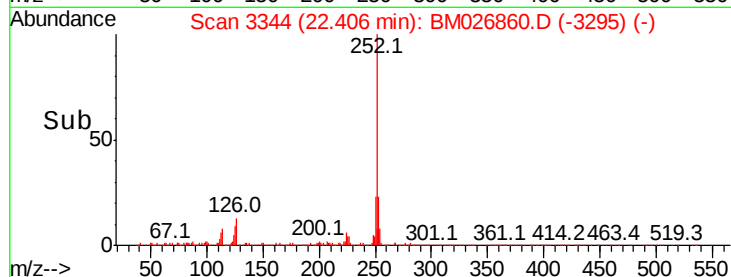
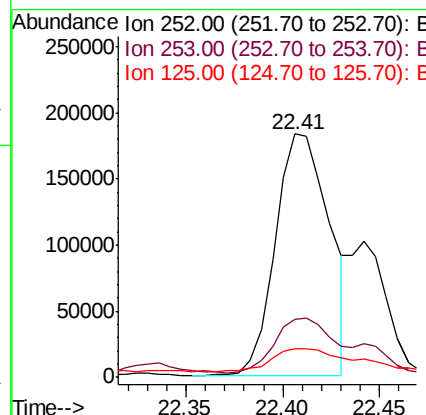
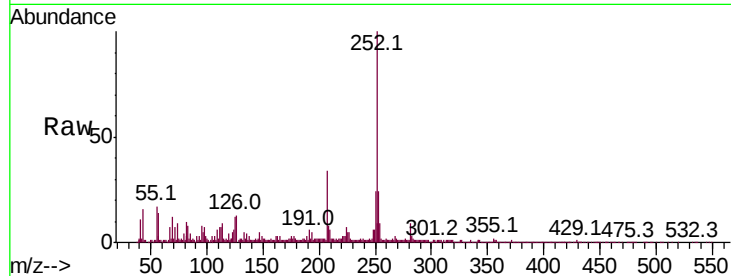
#88
Benzo(b)fluoranthene
Concen: 10.289 ng m
RT: 22.41 min Scan# 3344
Delta R.T. -0.01 min
Lab File: BM026860.D
Acq: 23 Jul 2020 20:34

Instrument :
BNA_M
ClientSampleId :
347-GRID-B1-B2

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.5	26.3
125	11.9	7.5	11.3

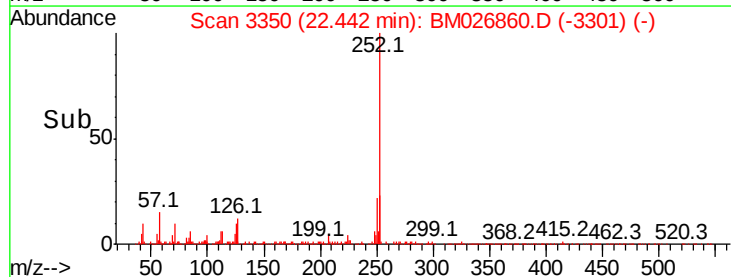
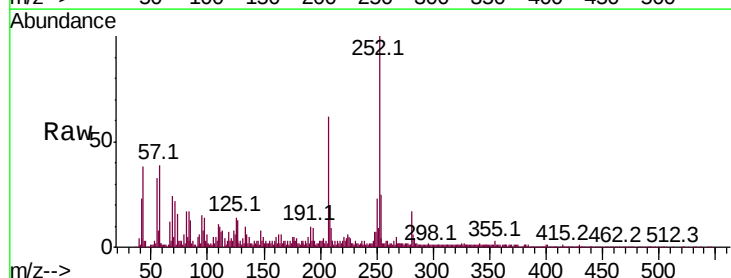
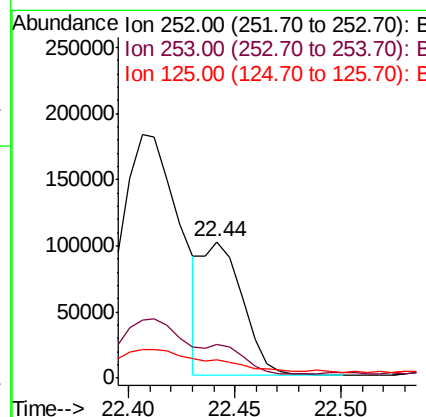
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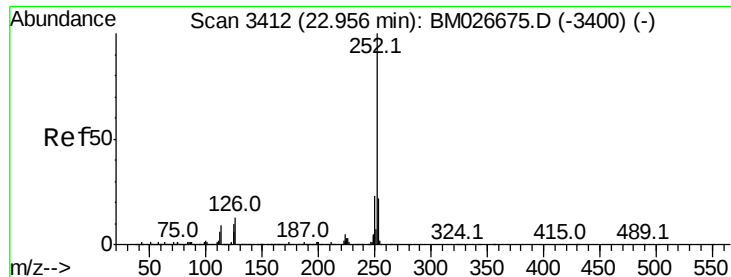
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#89
Benzo(k)fluoranthene
Concen: 3.963 ng m
RT: 22.44 min Scan# 3350
Delta R.T. -0.01 min
Lab File: BM026860.D
Acq: 23 Jul 2020 20:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.5	26.3
125	13.8	7.8	11.8





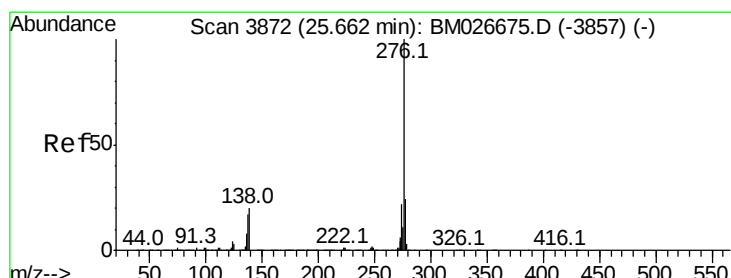
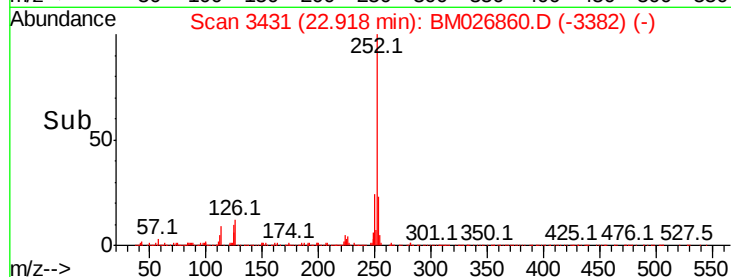
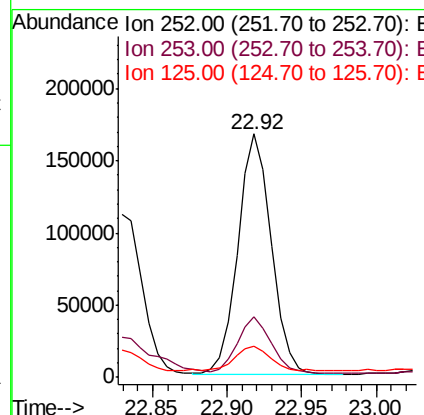
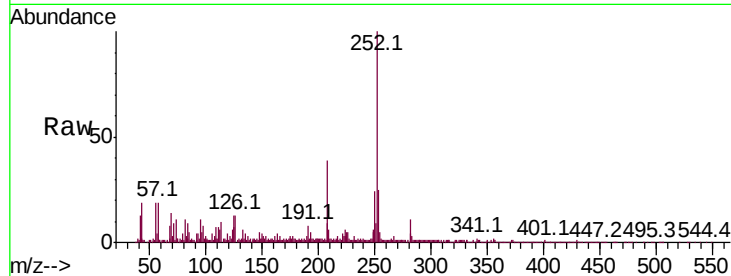
#90
Benzo(a)pyrene
Concen: 8.122 ng
RT: 22.92 min Scan# 3431
Delta R.T. -0.01 min
Lab File: BM026860.D
Acq: 23 Jul 2020 20:34

Instrument :
BNA_M
ClientSampleId :
347-GRID-B1-B2

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.4	26.2
125	12.8	8.2	12.4

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 6.187 ng
RT: 25.60 min Scan# 3887
Delta R.T. -0.01 min
Lab File: BM026860.D
Acq: 23 Jul 2020 20:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	20.1	15.8	23.8

