

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072220\
 Data File : BM026841.D
 Acq On : 22 Jul 2020 20:30
 Operator : JU/CG
 Sample : L3360-03RX
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP-2RX

Manual Integrations
 APPROVED

Sohil
 7/24/2020 12:11:36 PM

Quant Time: Jul 23 03:05:26 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	7.30	152	101738	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	355164	20.00	ng	0.00
39) Acenaphthene-d10	13.96	164	185425	20.00	ng	0.00
64) Phenanthrene-d10	16.72	188	392072	20.00	ng	0.00
76) Chrysene-d12	20.94	240	443001	20.00	ng	0.00
86) Perylene-d12	23.01	264	473388	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.95	112	19521	3.22	ng	0.00
7) Phenol-d6	6.51	99	279454	28.90	ng	0.00
23) Nitrobenzene-d5	8.44	82	437057	52.50	ng	0.00
42) 2,4,6-Tribromophenol	15.48	330	5013	1.86	ng	0.00
45) 2-Fluorobiphenyl	12.57	172	735664	52.75	ng	0.00
79) Terphenyl-d14	19.39	244	1064224	47.28	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.44	163	108799	6.860	ng	99
71) Phenanthrene	16.76	178	111265	4.807	ng	98
75) Fluoranthene	18.79	202	155110	5.441	ng	96
78) Pyrene	19.16	202	176938	6.340	ng	99
81) Benzo(a)anthracene	20.93	228	95049	3.194	ng	94
83) Chrysene	20.98	228	92011m	3.177	ng	
88) Benzo(b)fluoranthene	22.41	252	109078m	3.497	ng	
90) Benzo(a)pyrene	22.92	252	86202	2.977	ng	# 90
92) Benzo(g,h,i)perylene	25.60	276	54905	2.095	ng	93

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

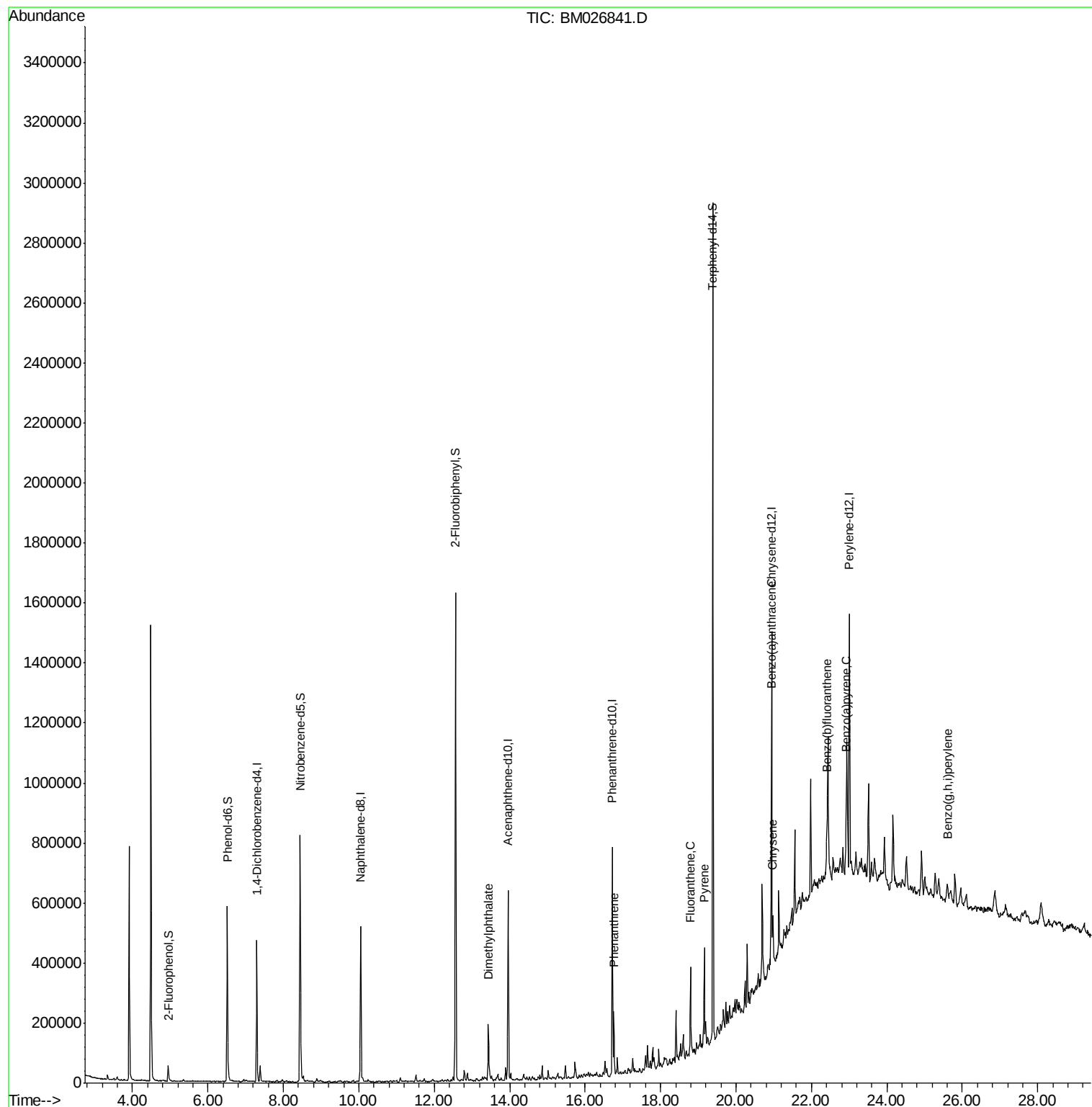
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072220\
Data File : BM026841.D
Acq On : 22 Jul 2020 20:30
Operator : JU/CG
Sample : L3360-03RX
Misc :
ALS Vial : 13 Sample Multiplier: 1

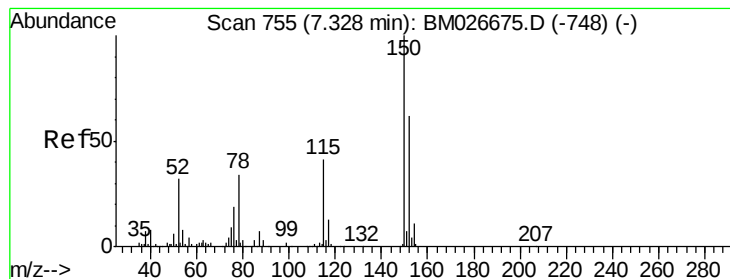
Instrument :
BNA_M
ClientSampleId :
SP-2RX

Manual Integrations
APPROVED

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Quant Time: Jul 23 03:05:26 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





#1

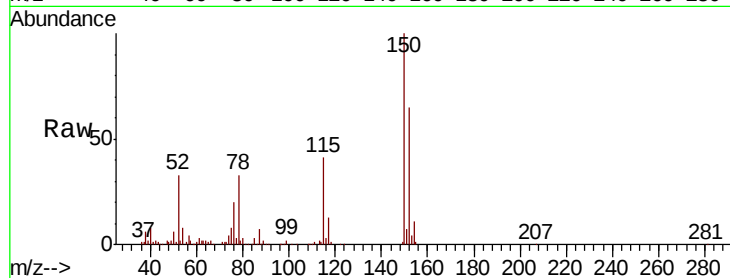
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.30 min Scan# 775
Delta R.T. 0.00 min
Lab File: BM026841.D
Acq: 22 Jul 2020 20:30

Instrument :
BNA_M
ClientSampled :
SP-2RX

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	128.1	192.1
115	64.2	52.2	78.4

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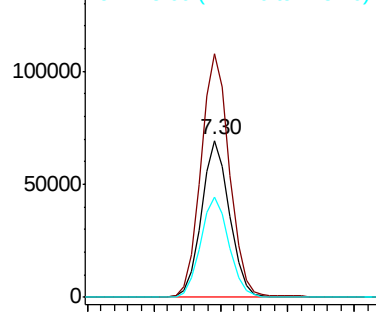


Abundance

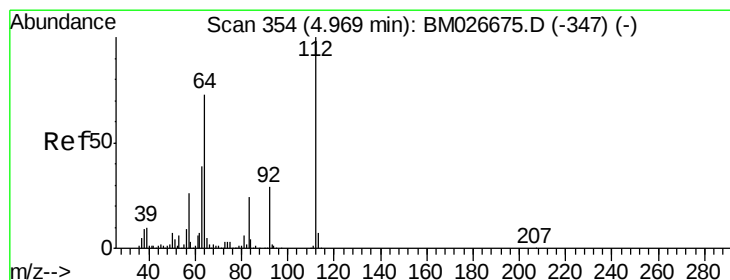
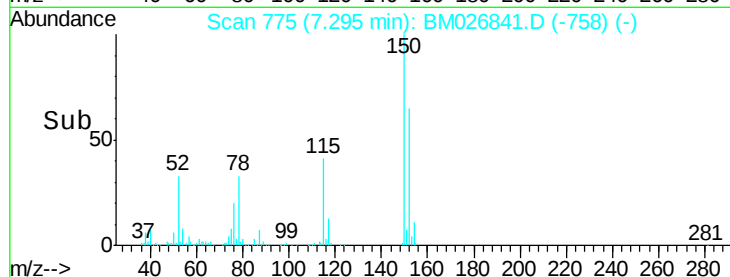
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



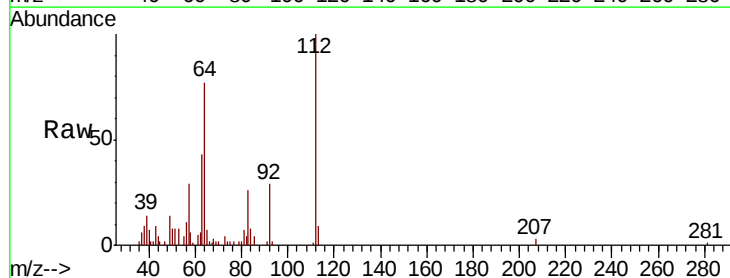
Time-->



#5

2-Fluorophenol
Concen: 3.216 ng
RT: 4.95 min Scan# 376
Delta R.T. 0.01 min
Lab File: BM026841.D
Acq: 22 Jul 2020 20:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.2	58.4	87.6
63	42.9	31.5	47.3

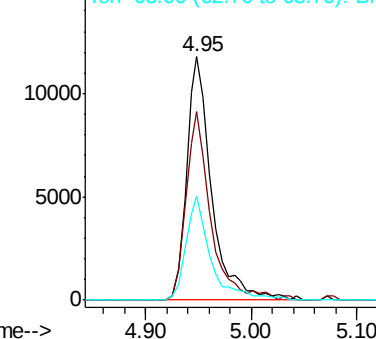


Abundance

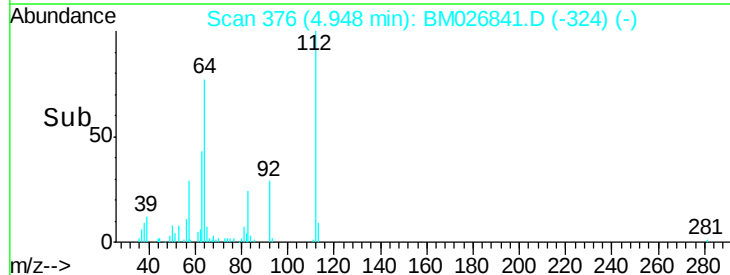
Ion 112.00 (111.70 to 112.70): E

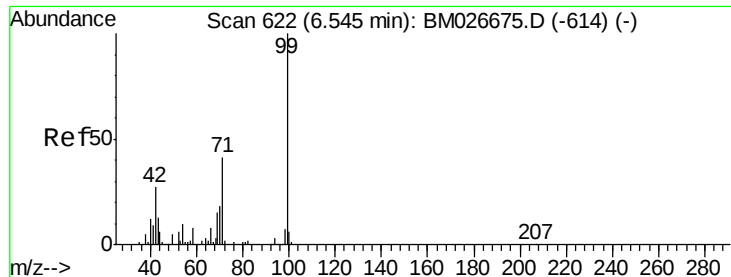
Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



Time-->





#7

Phenol-d6

Concen: 28.896 ng

RT: 6.51 min Scan# 642

Delta R.T. 0.00 min

Lab File: BM026841.D

Acq: 22 Jul 2020 20:30

Instrument :

BNA_M

ClientSampleId :

SP-2RX

Tot Ion: 99 Resp: 279454

Ion Ratio Lower Upper

99 100

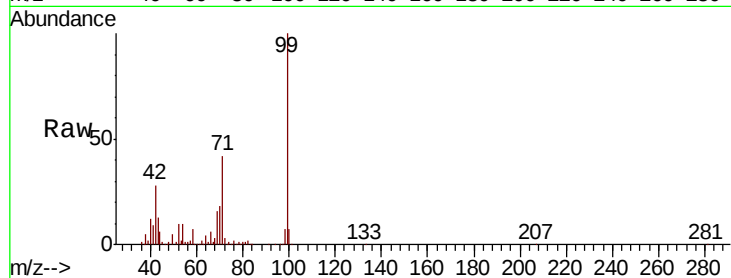
42 27.8 21.7 32.5

71 42.1 33.2 49.8

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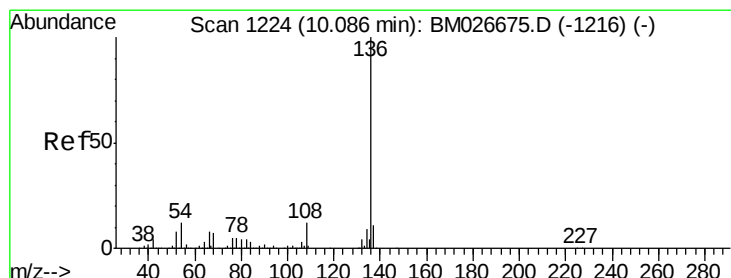
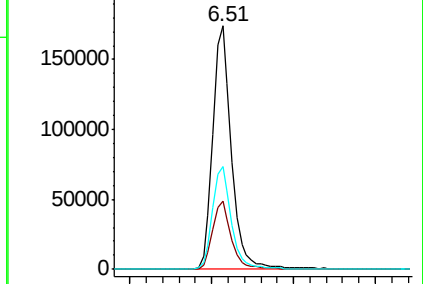
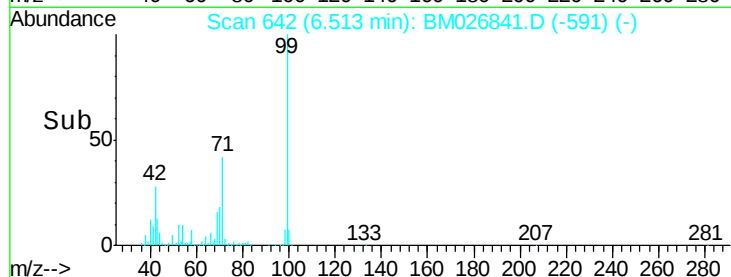


Abundance Ion 99.00 (98.70 to 99.70): BM026675.D (-614) (-)

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

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

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BM026841.D

Acq: 22 Jul 2020 20:30

Tgt Ion: 136 Resp: 355164

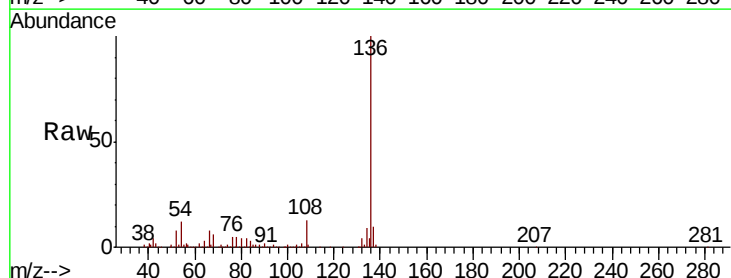
Ion Ratio Lower Upper

136 100

137 10.5 8.6 12.8

54 11.9 9.8 14.6

68 6.5 5.8 8.6



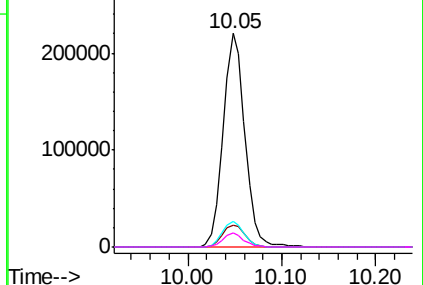
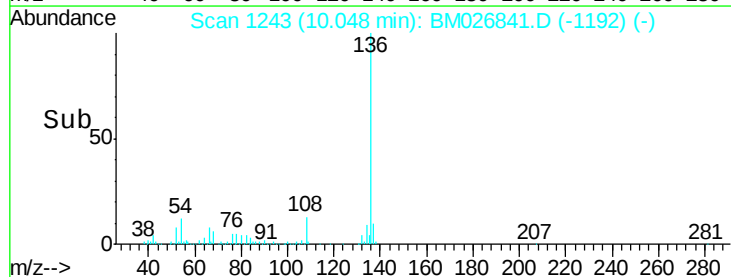
Abundance Ion 136.00 (135.70 to 136.70): BM026675.D (-1216) (-)

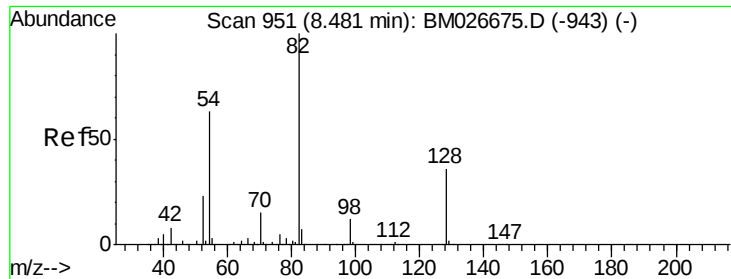
Ion 137.00 (136.70 to 137.70): BM026675.D (-1216) (-)

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

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

Time-->





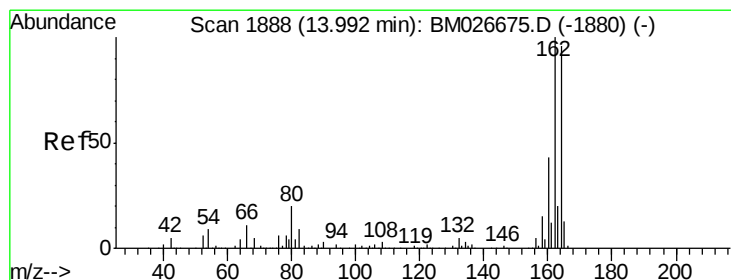
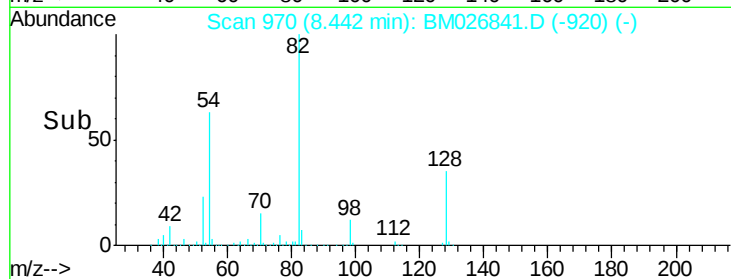
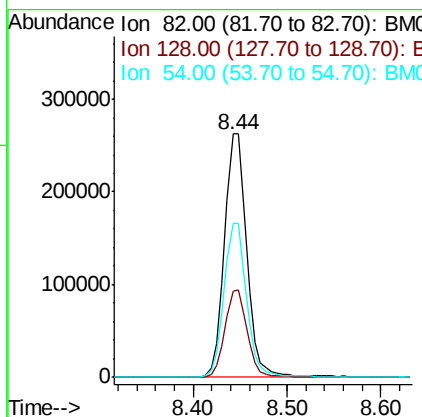
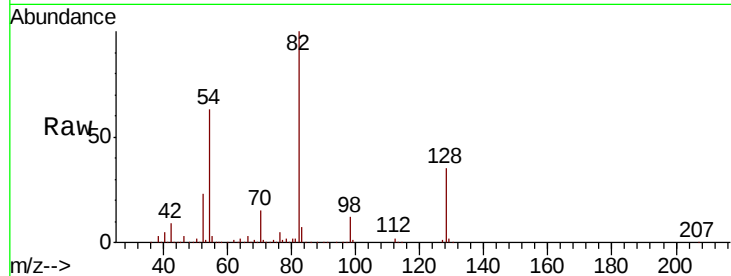
#23
Nitrobenzene-d5
Concen: 52.500 ng
RT: 8.44 min Scan# 970
Delta R.T. -0.01 min
Lab File: BM026841.D
Acq: 22 Jul 2020 20:30

Instrument :
BNA_M
ClientSampleId :
SP-2RX

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	35.4	29.1	43.7	
54	63.3	50.2	75.4	

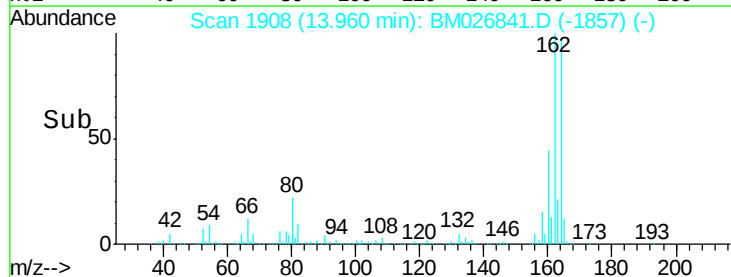
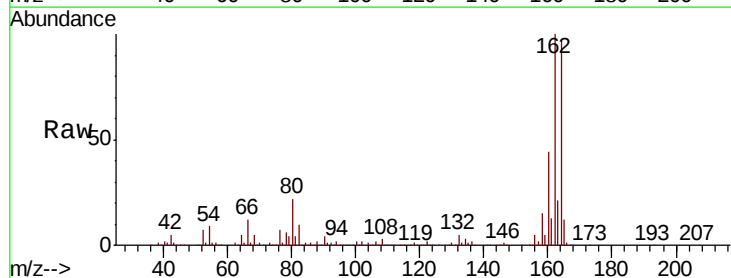
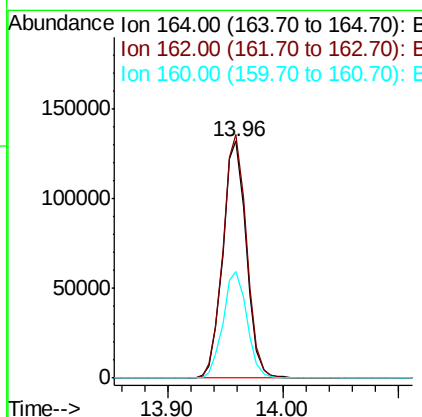
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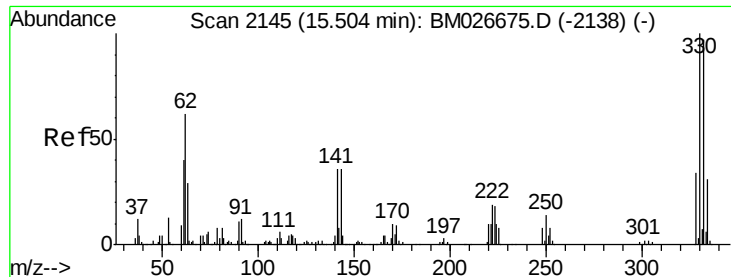
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.96 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BM026841.D
Acq: 22 Jul 2020 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.8	83.7	125.5	
160	45.3	36.2	54.2	





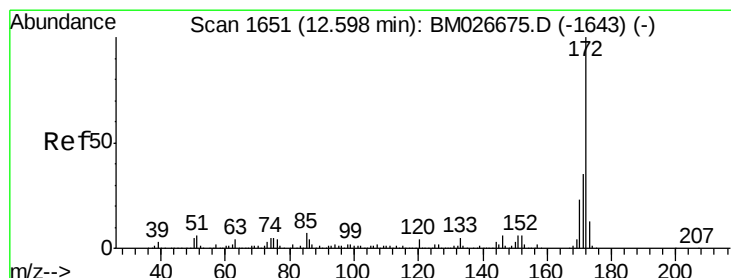
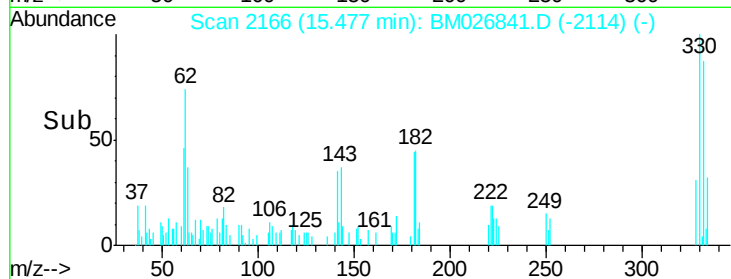
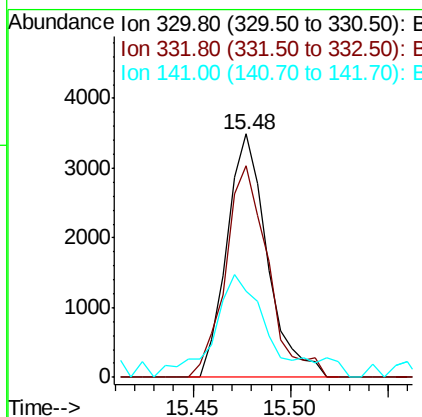
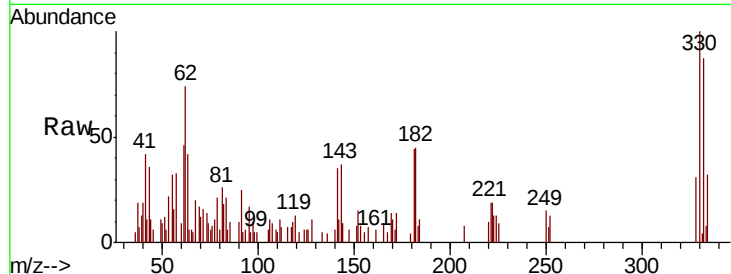
#42
 2,4,6-Tribromophenol
 Concen: 1.856 ng
 RT: 15.48 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: BM026841.D
 Acq: 22 Jul 2020 20:30

Instrument :
 BNA_M
 ClientSampleId :
 SP-2RX

Tot Ion	Ratio	Lower	Upper
330	100		
332	91.6	77.5	116.3
141	58.6	32.4	48.6

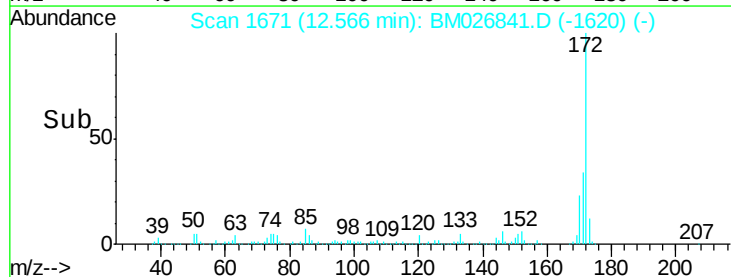
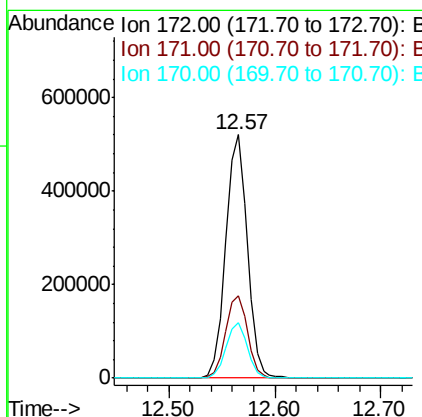
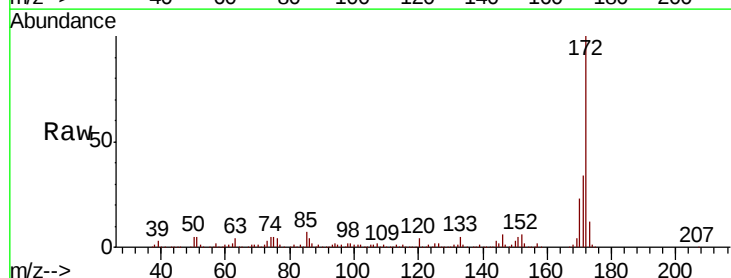
Manual Integrations
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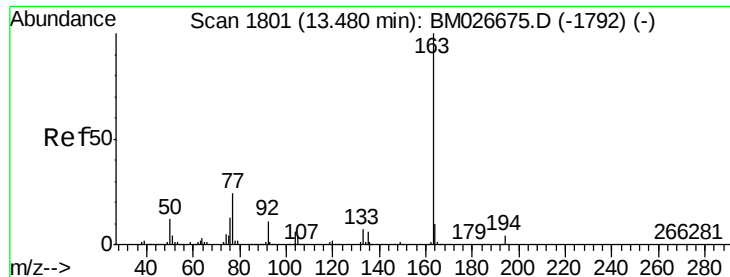
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#45
 2-Fluorobiphenyl
 Concen: 52.752 ng
 RT: 12.57 min Scan# 1671
 Delta R.T. 0.00 min
 Lab File: BM026841.D
 Acq: 22 Jul 2020 20:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.8	41.6
170	22.9	18.5	27.7





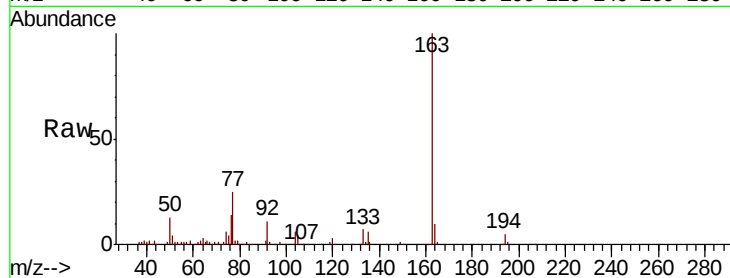
#50
Dimethylphthalate
Concen: 6.860 ng
RT: 13.44 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BM026841.D
Acq: 22 Jul 2020 20:30

Instrument :
BNA_M
ClientSampled :
SP-2RX

Tot Ion	Ratio	Resp	Lower	Upper
163	100	108799		
194	4.8		3.4	5.2
164	9.6		7.8	11.6

Manual Integrations
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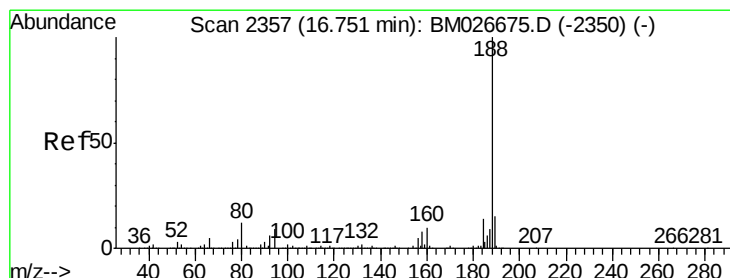
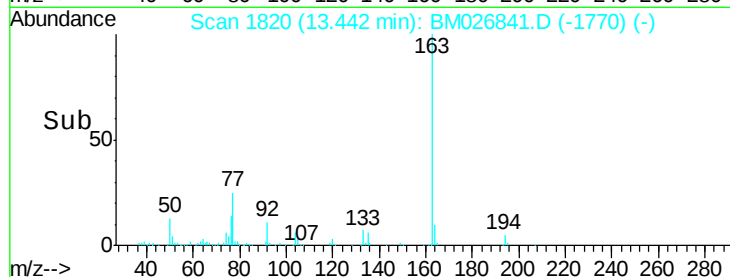
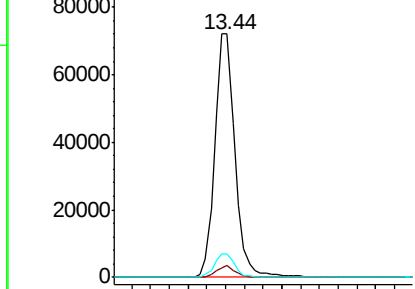


Abundance

Ion 163.00 (162.70 to 163.70): E

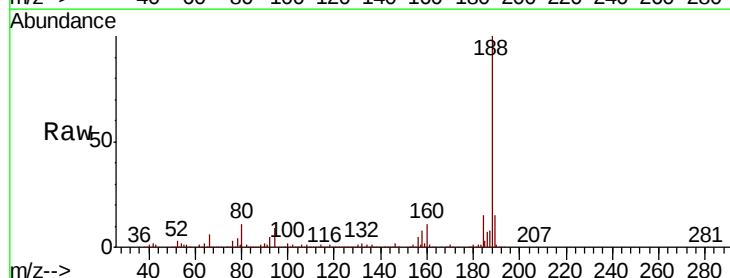
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.72 min Scan# 2377
Delta R.T. -0.01 min
Lab File: BM026841.D
Acq: 22 Jul 2020 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	392072		
94	8.8		7.4	11.0
80	11.3		9.3	13.9

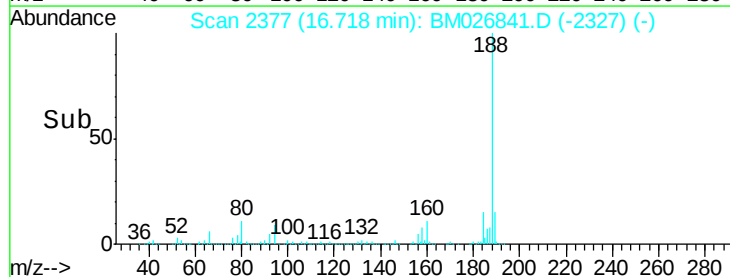
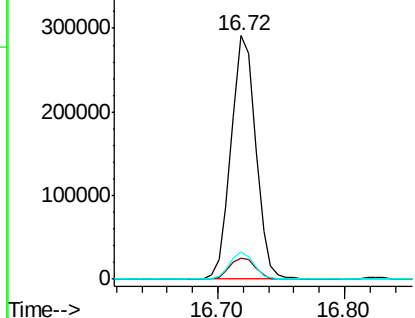


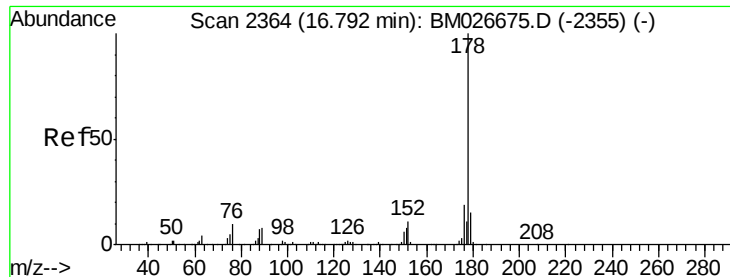
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





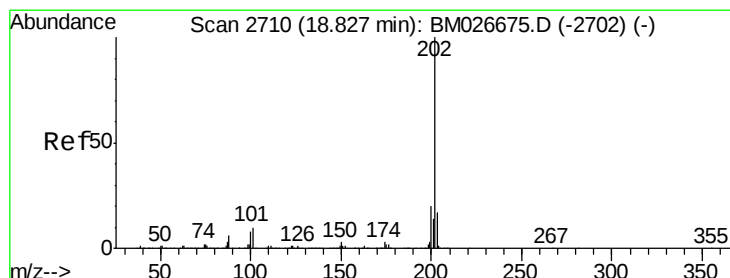
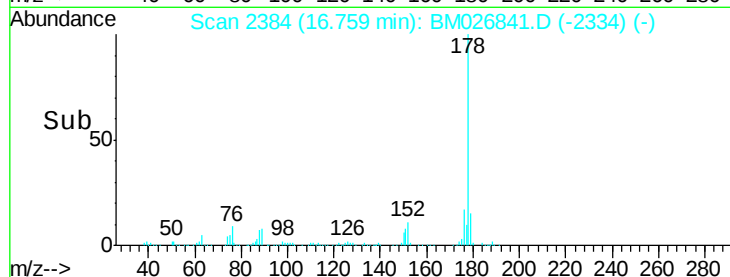
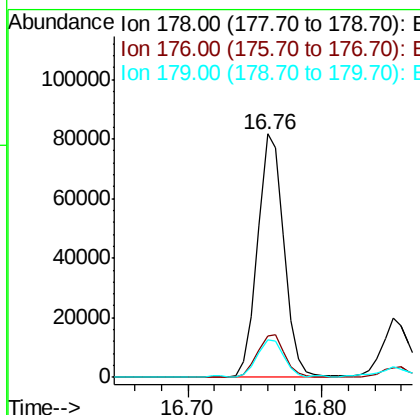
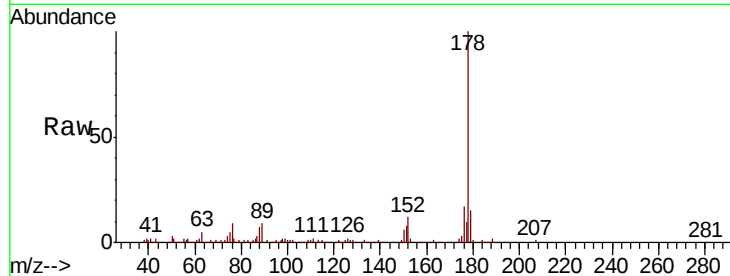
#71
Phenanthrene
Concen: 4.807 ng
RT: 16.76 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM026841.D
Acq: 22 Jul 2020 20:30

Instrument :
BNA_M
ClientSampled :
SP-2RX

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.2	15.0	22.6
179	15.4	12.1	18.1

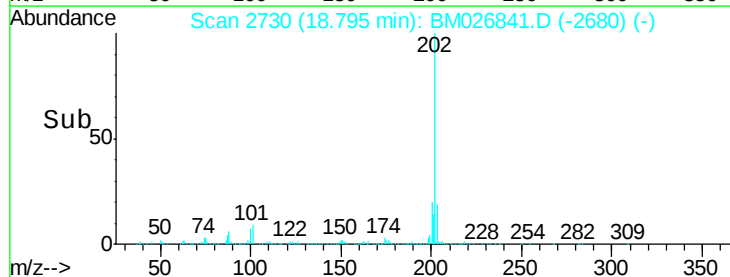
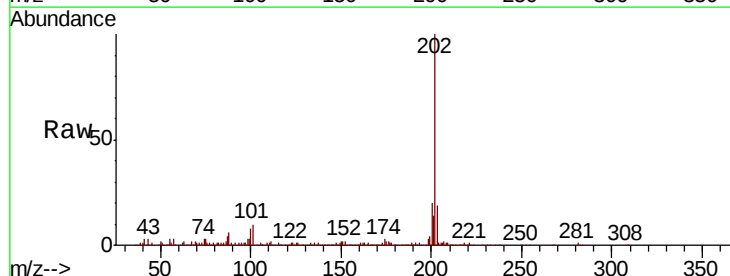
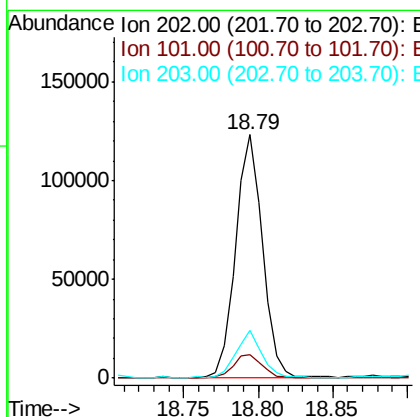
Manual Integrations
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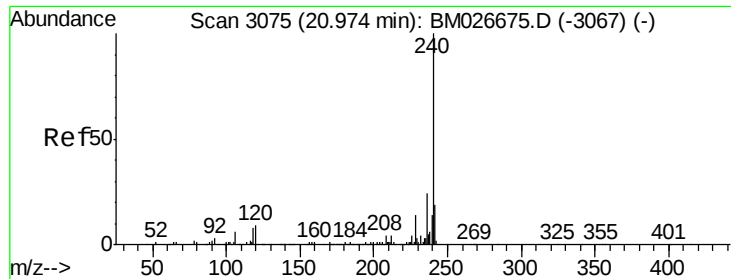
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#75
Fluoranthene
Concen: 5.441 ng
RT: 18.79 min Scan# 2730
Delta R.T. -0.01 min
Lab File: BM026841.D
Acq: 22 Jul 2020 20:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	30.1
203	19.4	0.0	37.2





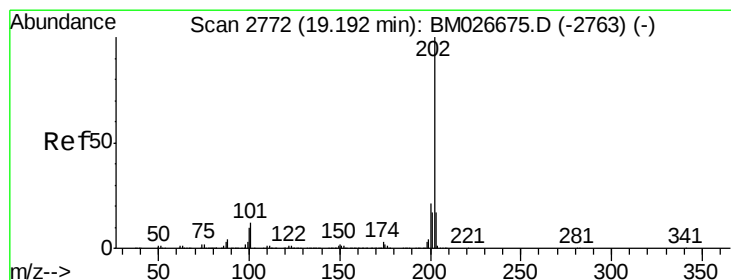
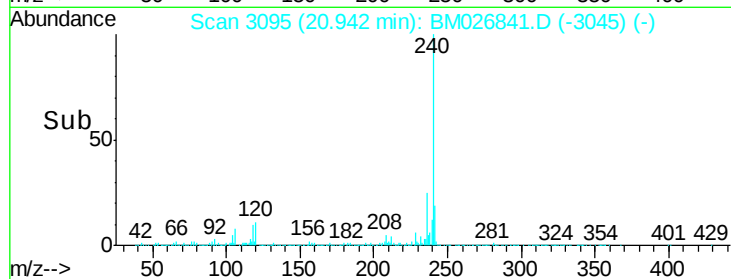
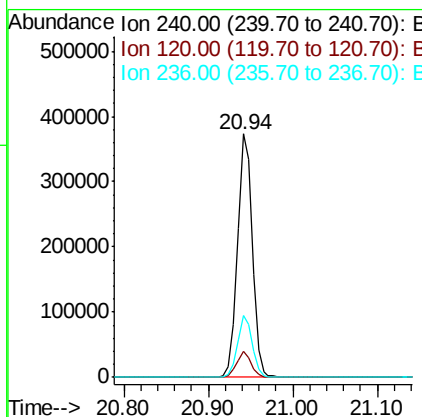
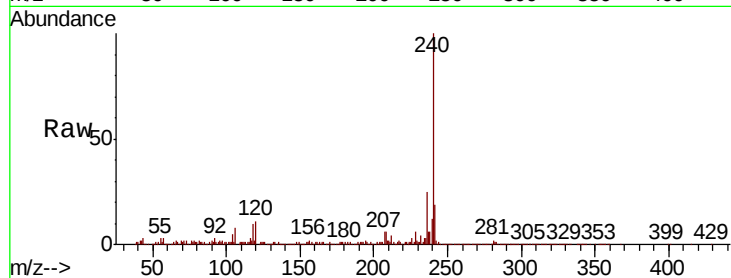
#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM026841.D
Acq: 22 Jul 2020 20:30

Instrument :
BNA_M
ClientSampled :
SP-2RX

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	7.3	10.9
236	25.5	19.4	29.2

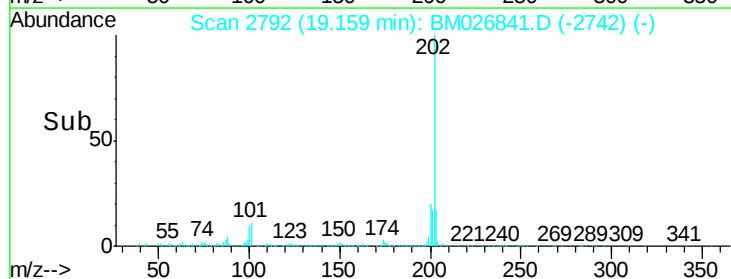
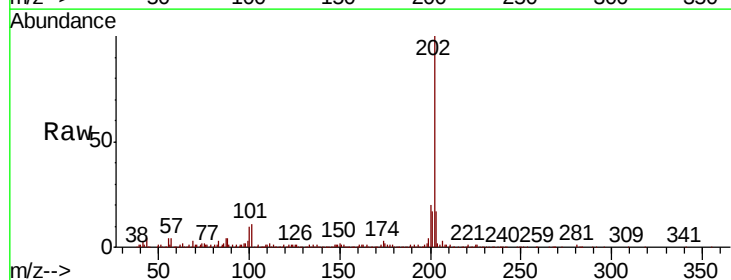
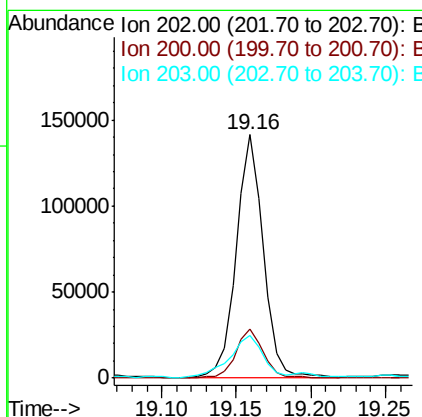
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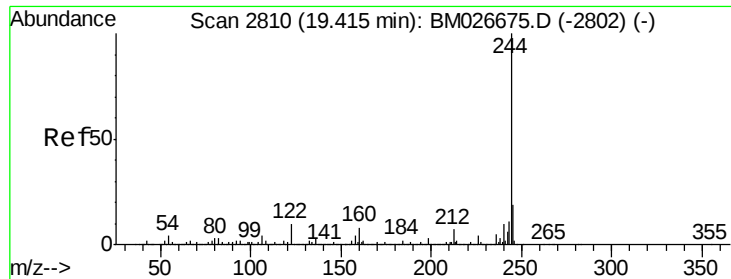
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#78
Pyrene
Concen: 6.340 ng
RT: 19.16 min Scan# 2792
Delta R.T. -0.01 min
Lab File: BM026841.D
Acq: 22 Jul 2020 20:30

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.6	24.8
203	17.3	13.7	20.5





#79

Terphenyl-d14

Concen: 47.278 ng

RT: 19.39 min Scan# 2831

Delta R.T. 0.00 min

Lab File: BM026841.D

Acq: 22 Jul 2020 20:30

Instrument :

BNA_M

ClientSampled :

SP-2RX

Tot Ion:244 Resp: 1064224

Ion Ratio Lower Upper

244 100

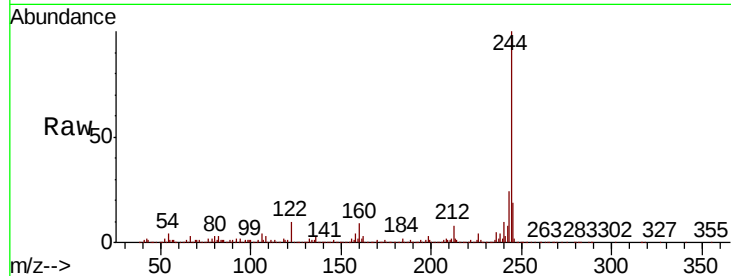
212 7.8 5.9 8.9

122 9.6 8.2 12.4

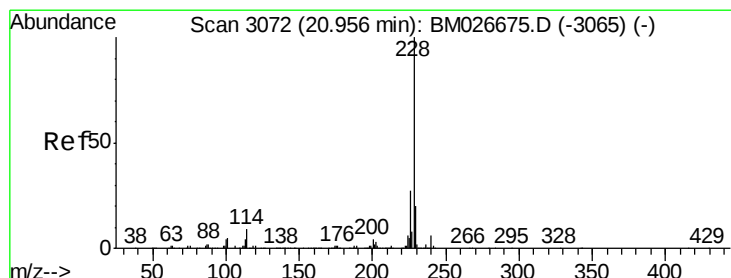
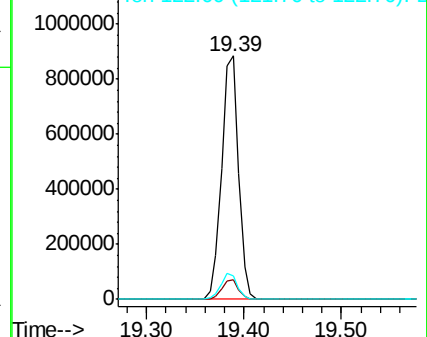
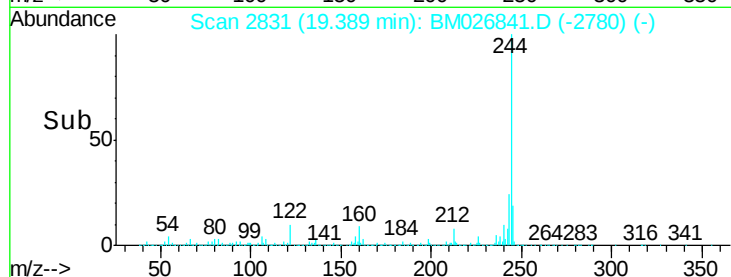
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Abundance Ion 244.00 (243.70 to 244.70): E
1200000
Ion 212.00 (211.70 to 212.70): E
1000000
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 3.194 ng

RT: 20.93 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM026841.D

Acq: 22 Jul 2020 20:30

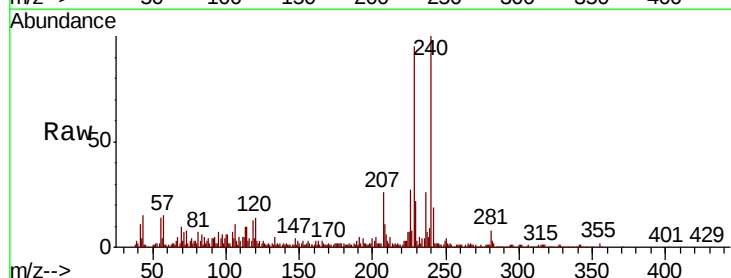
Tgt Ion:228 Resp: 95049

Ion Ratio Lower Upper

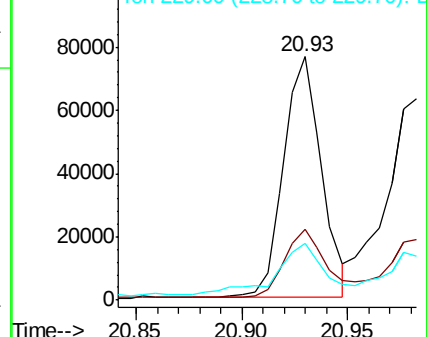
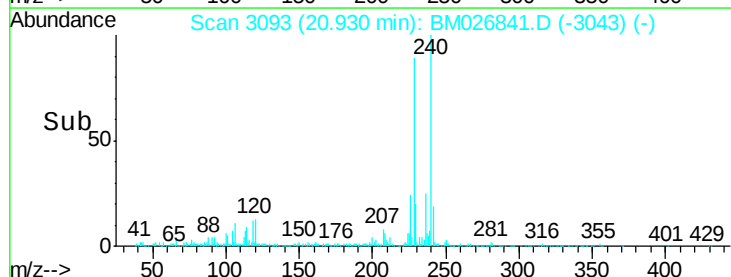
228 100

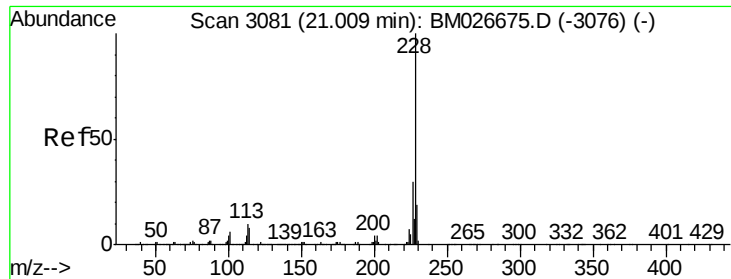
226 28.8 21.4 32.2

229 23.1 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E
100000
Ion 226.00 (225.70 to 226.70): E
80000
Ion 229.00 (228.70 to 229.70): E





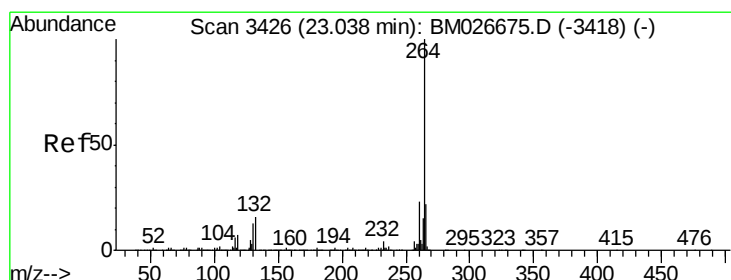
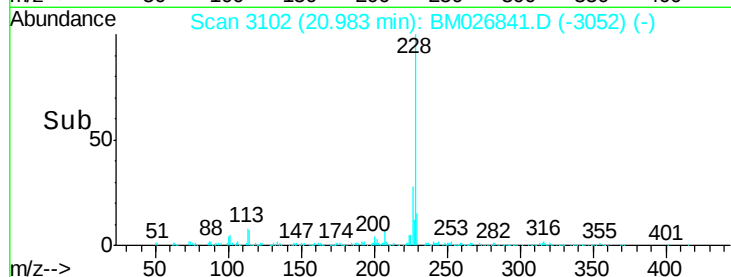
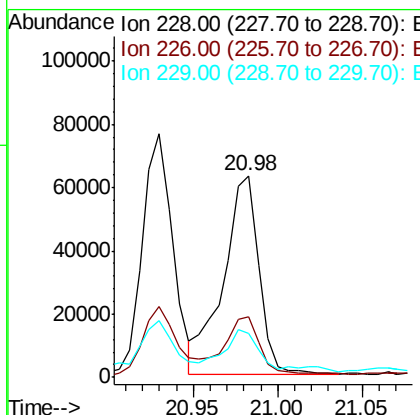
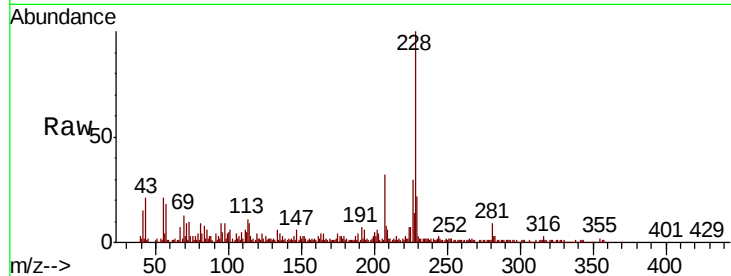
#83
Chrysene
Concen: 3.177 ng/ml
RT: 20.98 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM026841.D
Acq: 22 Jul 2020 20:30

Instrument :
BNA_M
ClientSampled :
SP-2RX

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.7	35.5
229	21.9	15.4	23.0

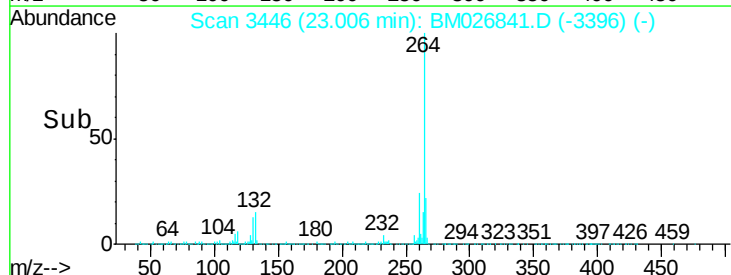
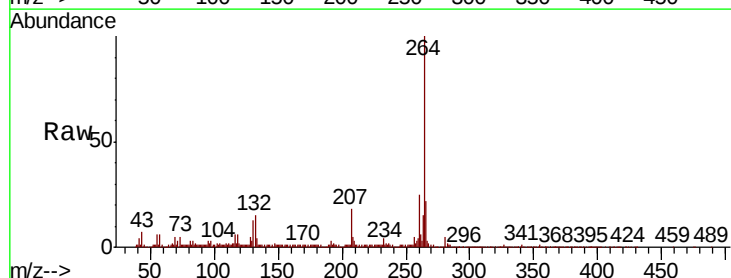
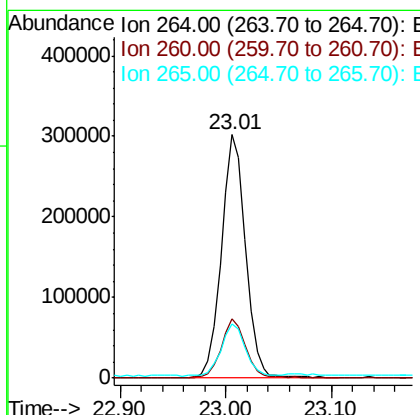
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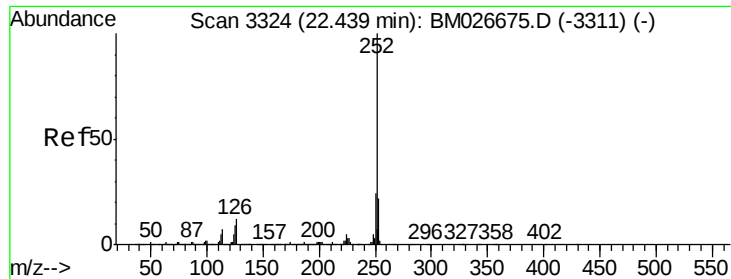
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.01 min Scan# 3446
Delta R.T. -0.01 min
Lab File: BM026841.D
Acq: 22 Jul 2020 20:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.2	27.2
265	22.4	17.6	26.4





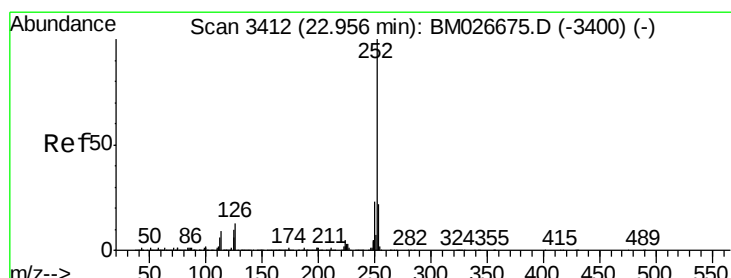
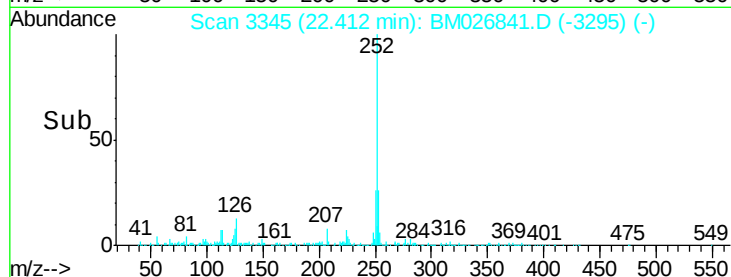
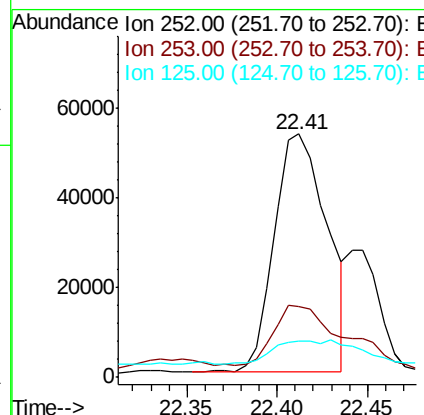
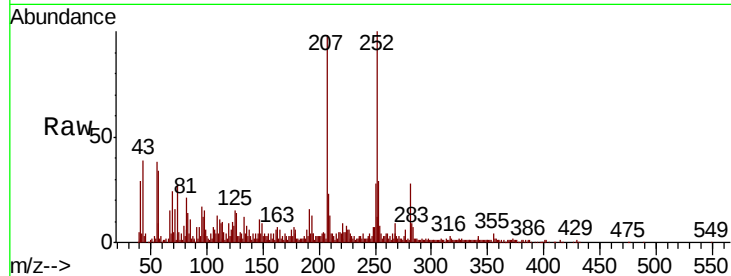
#88
Benzo(b)fluoranthene
Concen: 3.497 ng m
RT: 22.41 min Scan# 3345
Delta R.T. -0.01 min
Lab File: BM026841.D
Acq: 22 Jul 2020 20:30

Instrument :
BNA_M
ClientSampled :
SP-2RX

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.2	17.5	26.3#
125	14.7	7.5	11.3#

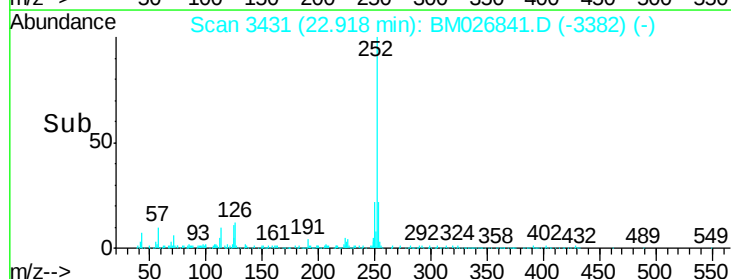
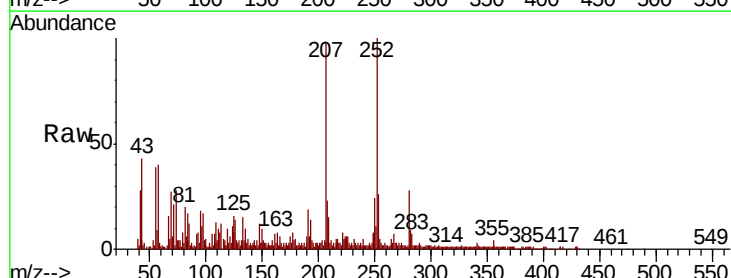
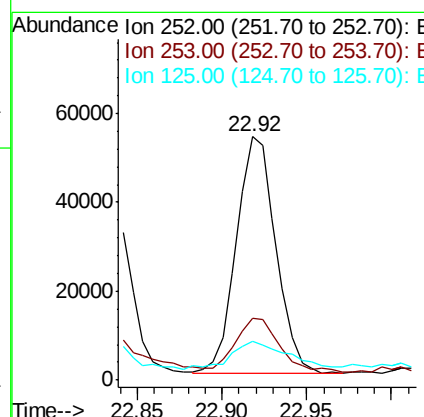
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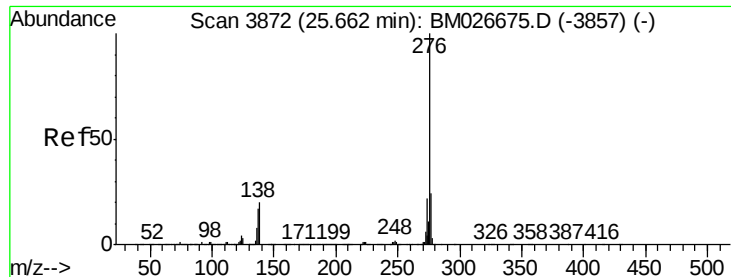
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#90
Benzo(a)pyrene
Concen: 2.977 ng
RT: 22.92 min Scan# 3431
Delta R.T. -0.01 min
Lab File: BM026841.D
Acq: 22 Jul 2020 20:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.4	26.2
125	15.9	8.2	12.4#





#92
 Benzo(a,h,i)perylene
 Concen: 2.095 ng
 RT: 25.60 min Scan# 3887
 Delta R.T. -0.01 min
 Lab File: BM026841.D
 Acq: 22 Jul 2020 20:30

Instrument :
 BNA_M
 ClientSampleId :
 SP-2RX

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.7	19.1	28.7
138	21.1	15.8	23.8

Manual Integrations
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