

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031461.D
 Acq On : 04 Aug 2021 23:29
 Operator : CG/JU
 Sample : M3141-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGER4

Manual Integrations
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Quant Time: Aug 05 01:02:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 04 12:17:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	3	0.400	ng/ul	#-0.01
4) Naphthalene-d8	10.352	136	40	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.224	164	194	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	16.971	188	240m	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.166	240	73	0.400	ng/ul	# 0.00
23) Perylene-d12	0.000	264	0	0.000	ng/ul	-23.33
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	5584	1675.952	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.948	152	1989	29.508	ng/ul	0.00
18) Fluoranthene-d10	19.005	212	4240	17.404	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.241	88	28	8.318	ng/ul#	63
5) Naphthalene	10.401	128	113	0.948	ng/ul#	3
7) 2-Methylnaphthalene	12.020	142	33	0.405	ng/ul#	66
8) 1-Methylnaphthalene	12.245	142	25	0.311	ng/ul	88
10) Acenaphthylene	13.941	152	38	0.046	ng/ul#	1
11) Acenaphthene	14.281	153	25	0.036	ng/ul#	79
12) Fluorene	15.274	166	50	0.062	ng/ul#	79
14) Pentachlorophenol	16.642	266	4	0.052	ng/ul#	69
15) Phenanthrene	17.013	178	214	0.281	ng/ul#	50
16) Anthracene	17.100	178	71	0.100	ng/ul#	1
19) Fluoranthene	19.035	202	268	0.860	ng/ul#	32
20) Pyrene	19.394	202	229m	0.724	ng/ul	
21) Benzo(a)anthracene	21.152	228	109	0.370	ng/ul#	30
22) Chrysene	21.200	228	167	0.548	ng/ul#	38

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

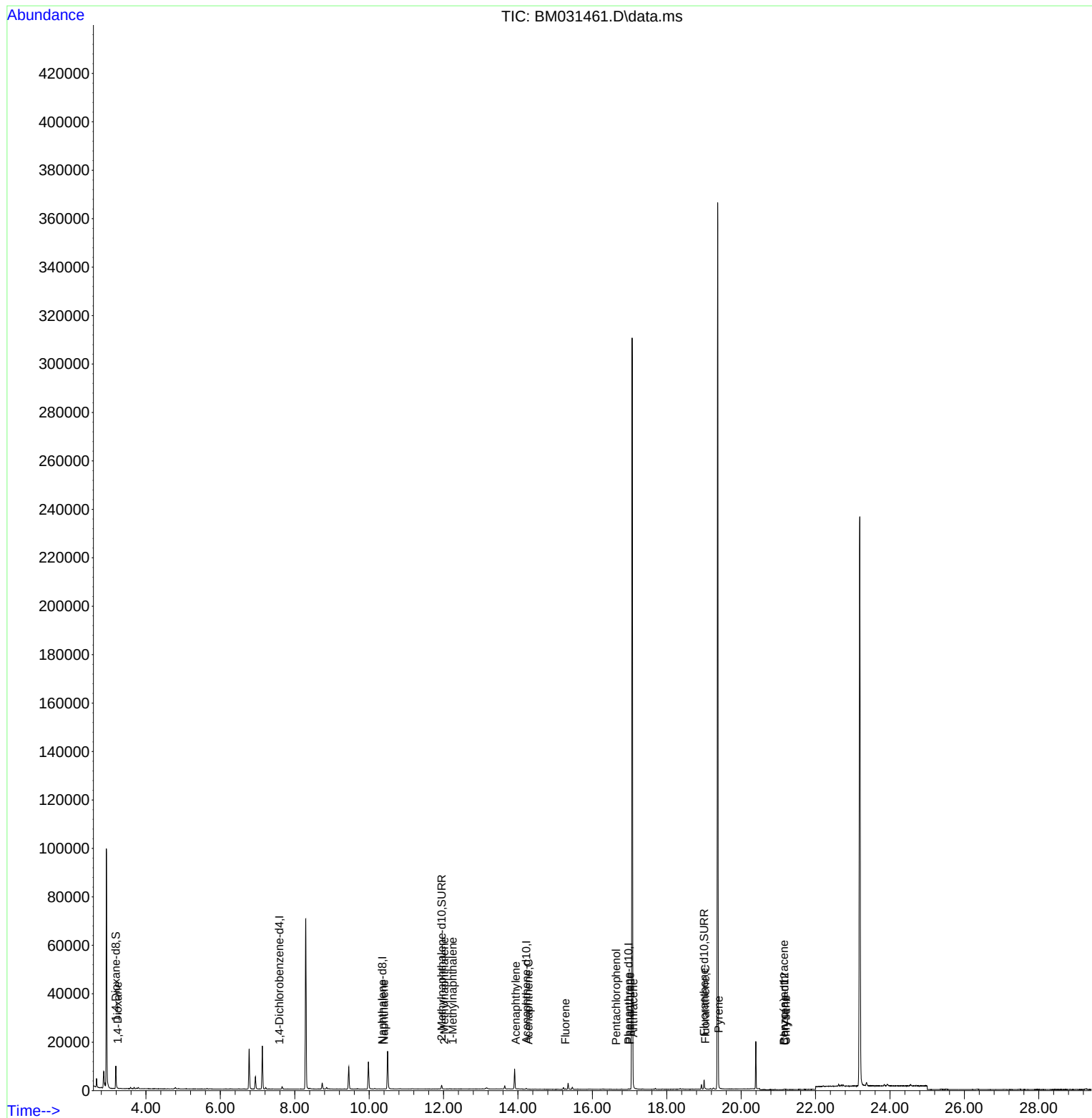
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
Data File : BM031461.D
Acq On : 04 Aug 2021 23:29
Operator : CG/JU
Sample : M3141-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

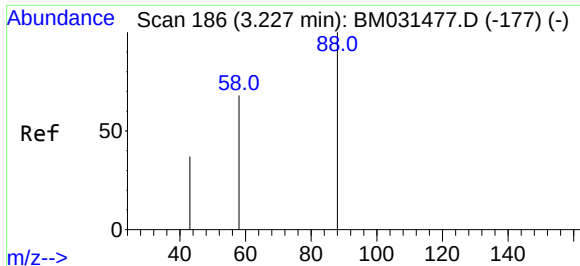
Instrument :
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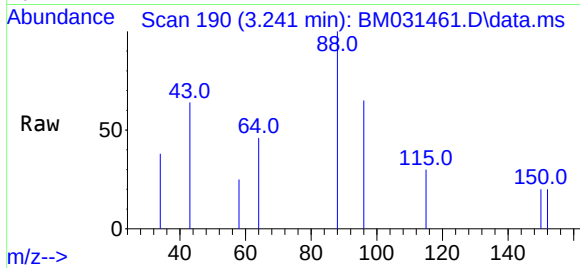
Quant Time: Aug 05 01:02:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 04 12:17:22 2021
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 8.318 ng/ul
RT: 3.241 min Scan# 190
Delta R.T. 0.010 min
Lab File: BM031461.D
Acq: 04 Aug 2021 23:29

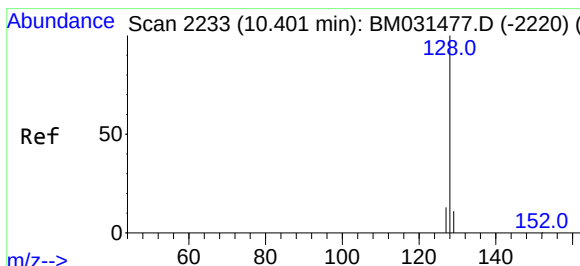
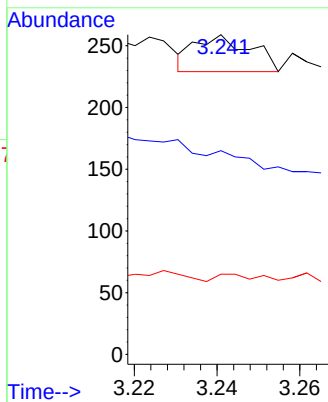
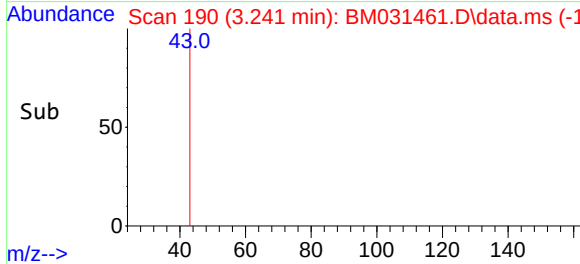
Instrument :
BNA_M
ClientSampled :
BGER4



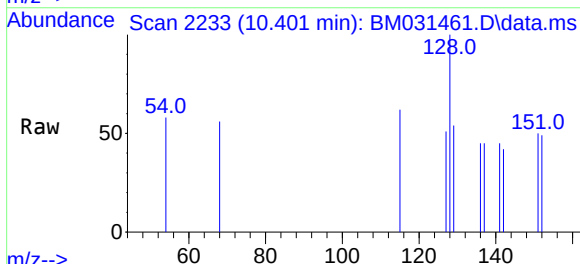
Tgt Ion: 88 Resp: 28
Ion Ratio Lower Upper
88 100
43 63.7 29.7 44.5#
58 25.1 35.6 53.4#

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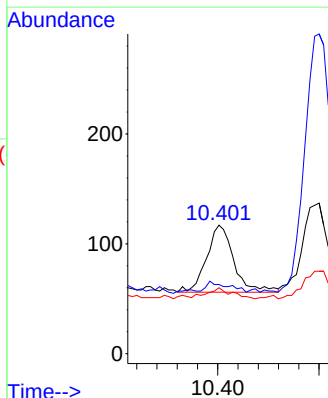
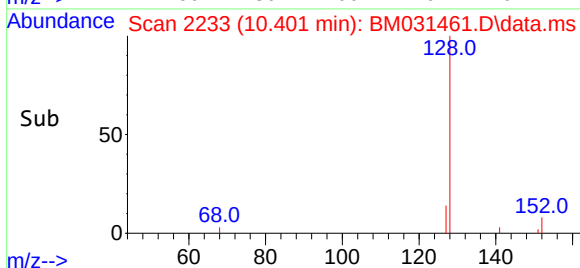
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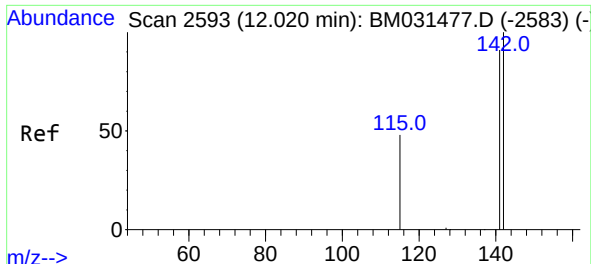


#5
Naphthalene
Concen: 0.948 ng/ul
RT: 10.401 min Scan# 2233
Delta R.T. -0.003 min
Lab File: BM031461.D
Acq: 04 Aug 2021 23:29



Tgt Ion: 128 Resp: 113
Ion Ratio Lower Upper
128 100
129 53.8 10.0 15.0#
127 51.3 11.6 17.4#





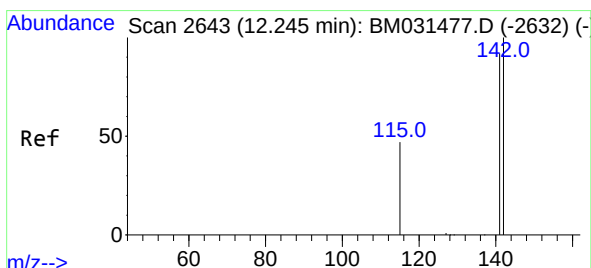
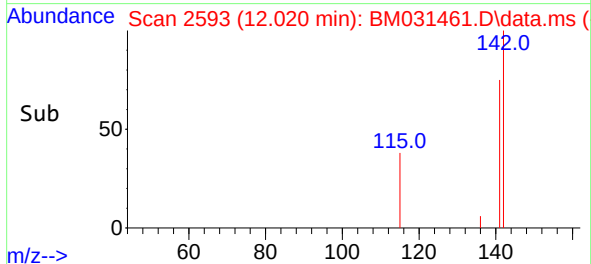
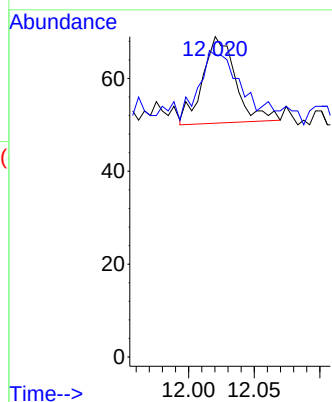
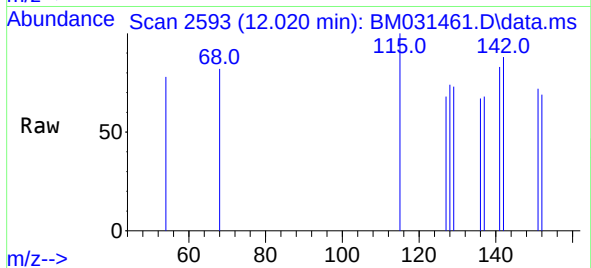
#7
2-Methylnaphthalene
Concen: 0.405 ng/ul
RT: 12.020 min Scan# 2593
Delta R.T. -0.008 min
Lab File: BM031461.D
Acq: 04 Aug 2021 23:29

Tgt Ion:142 Resp: 33
Ion Ratio Lower Upper
142 100
141 121.2 71.4 107.0#

Instrument :
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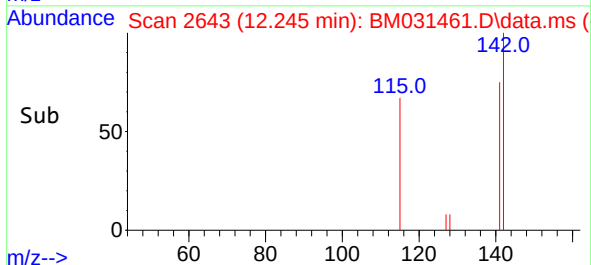
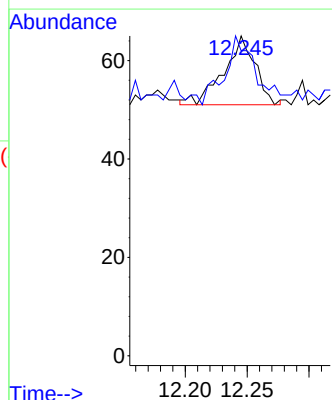
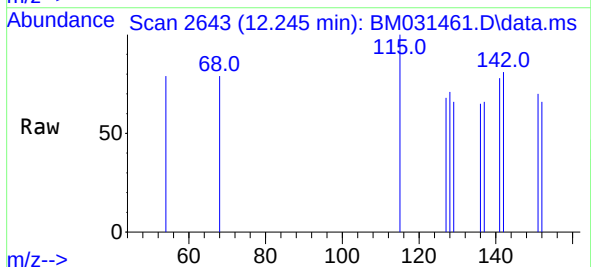
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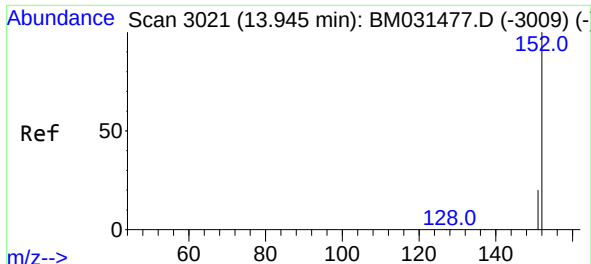
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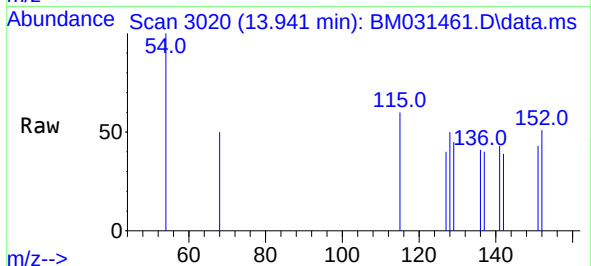
#8
1-Methylnaphthalene
Concen: 0.311 ng/ul
RT: 12.245 min Scan# 2643
Delta R.T. -0.003 min
Lab File: BM031461.D
Acq: 04 Aug 2021 23:29

Tgt Ion:142 Resp: 25
Ion Ratio Lower Upper
142 100
141 104.0 74.1 111.1

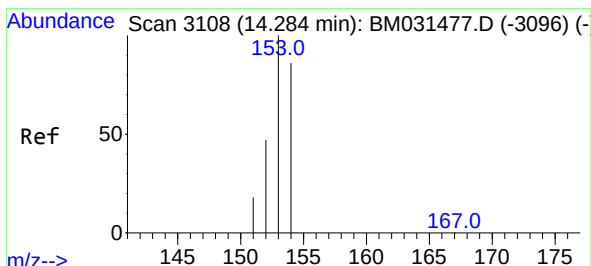
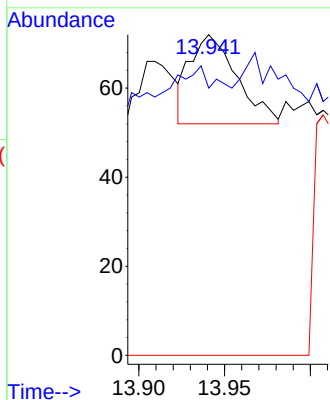
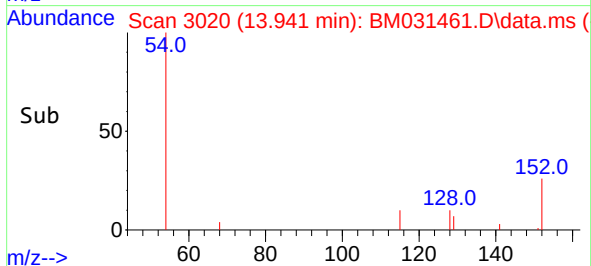




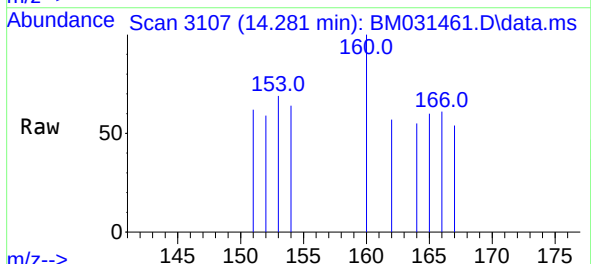
#10
Acenaphthylene
Concen: 0.046 ng/ul
RT: 13.941 min Scan# 3020
Delta R.T. -0.008 min
Lab File: BM031461.D
Acq: 04 Aug 2021 23:29



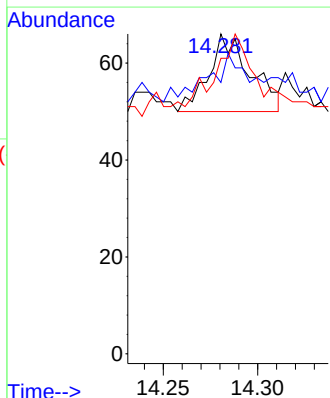
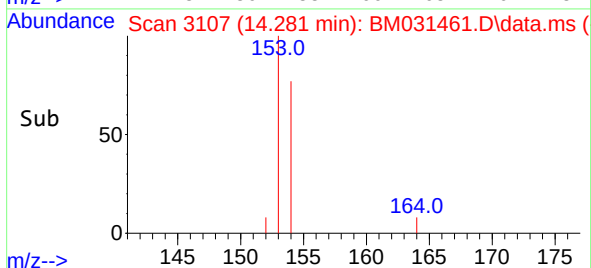
Tgt Ion:152 Resp: 38
Ion Ratio Lower Upper
152 100
151 83.3 16.9 25.3#
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.036 ng/ul
RT: 14.281 min Scan# 3107
Delta R.T. -0.007 min
Lab File: BM031461.D
Acq: 04 Aug 2021 23:29



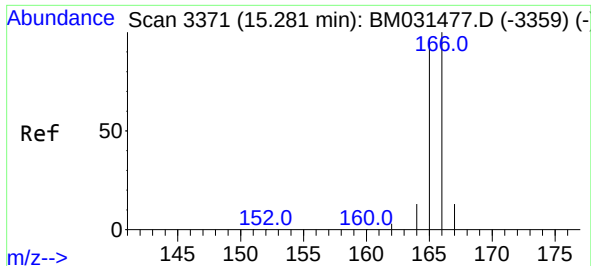
Tgt Ion:153 Resp: 25
Ion Ratio Lower Upper
153 100
152 84.8 40.7 61.1#
154 92.4 70.2 105.2



Instrument :
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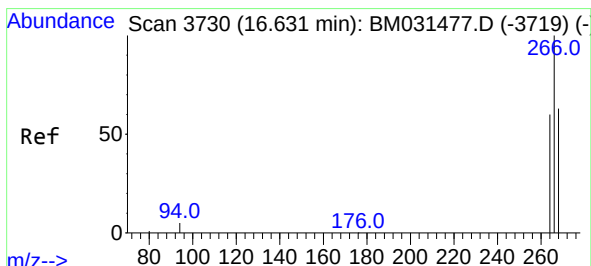
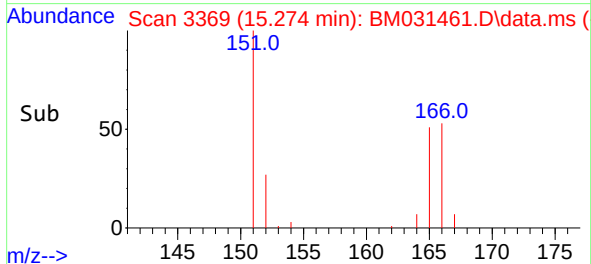
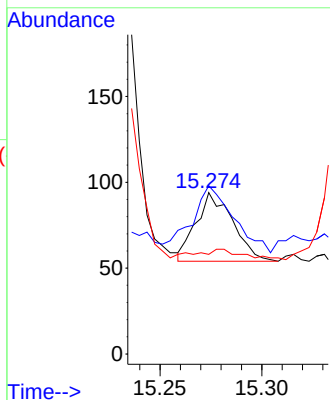
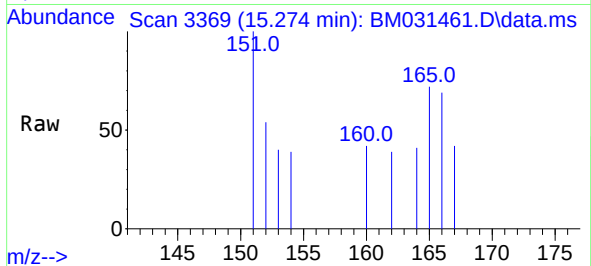
#12
Fluorene
Concen: 0.062 ng/ul
RT: 15.274 min Scan# 3369
Delta R.T. -0.007 min
Lab File: BM031461.D
Acq: 04 Aug 2021 23:29

Tgt Ion:166 Resp: 50
Ion Ratio Lower Upper
166 100
165 104.3 78.0 117.0
167 61.7 12.0 18.0#

Instrument :
BNA_M
ClientSampled :
BGER4

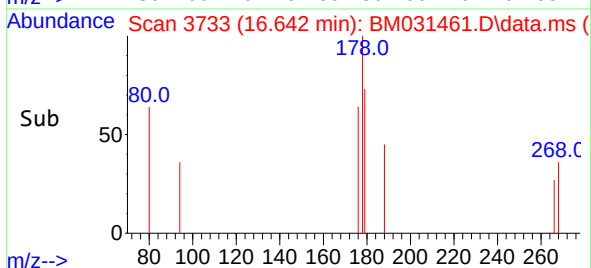
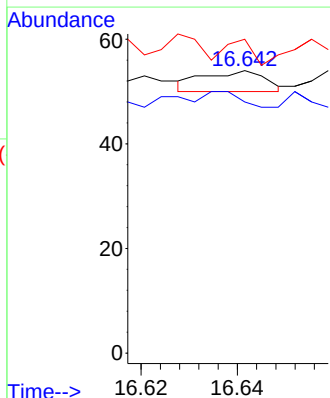
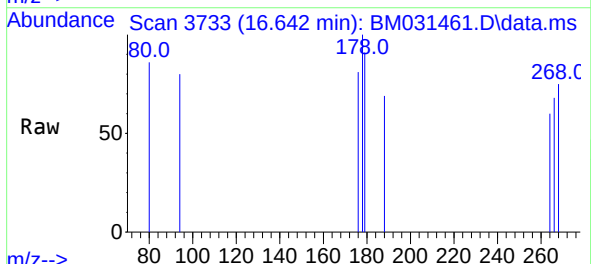
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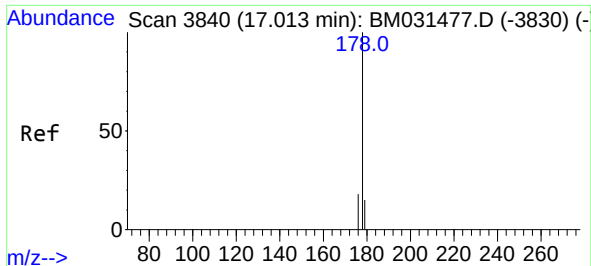
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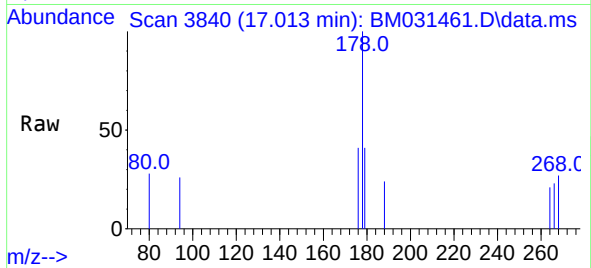
#14
Pentachlorophenol
Concen: 0.052 ng/ul
RT: 16.642 min Scan# 3733
Delta R.T. 0.011 min
Lab File: BM031461.D
Acq: 04 Aug 2021 23:29

Tgt Ion:266 Resp: 4
Ion Ratio Lower Upper
266 100
264 100.0 50.1 75.1#
268 75.0 51.3 76.9

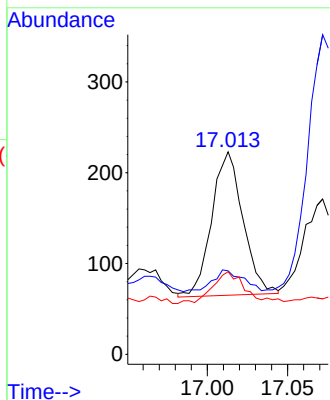




#15
Phenanthrene
Concen: 0.281 ng/u1
RT: 17.013 min Scan# 3840
Delta R.T. -0.003 min
Lab File: BM031461.D
Acq: 04 Aug 2021 23:29



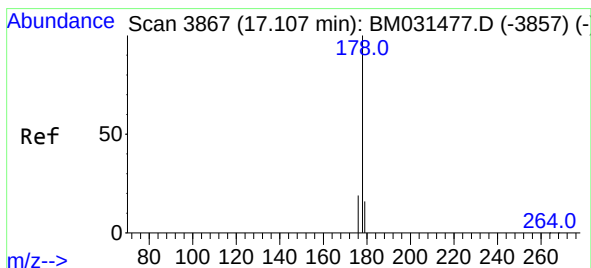
Tgt Ion:	178	Resp:	214
Ion	Ratio	Lower	Upper
178	100		
179	41.3	13.3	19.9#
176	40.8	16.2	24.4#



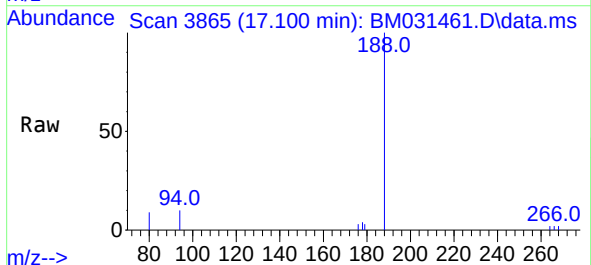
Instrument :
BNA_M
ClientSampled :
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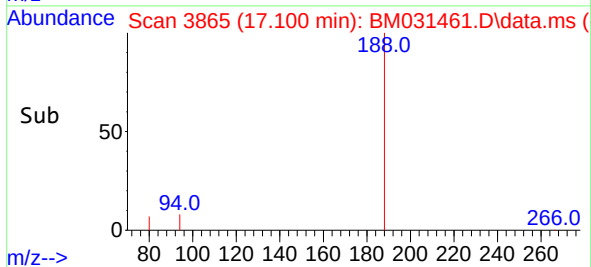
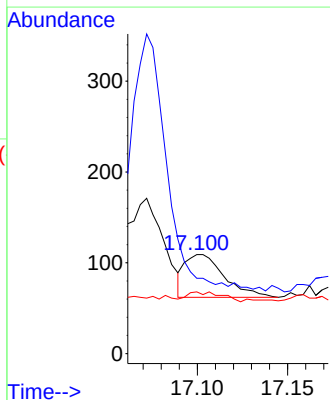
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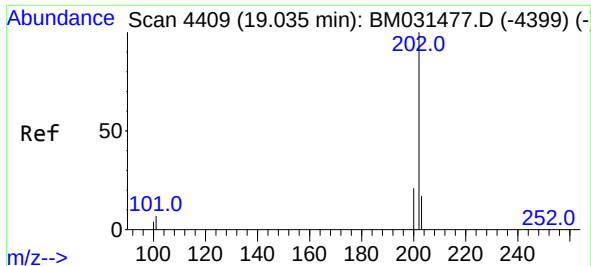


#16
Anthracene
Concen: 0.100 ng/u1
RT: 17.100 min Scan# 3865
Delta R.T. -0.010 min
Lab File: BM031461.D
Acq: 04 Aug 2021 23:29



Tgt Ion:	178	Resp:	71
Ion	Ratio	Lower	Upper
178	100		
179	76.1	13.0	19.6#
176	62.4	15.6	23.4#





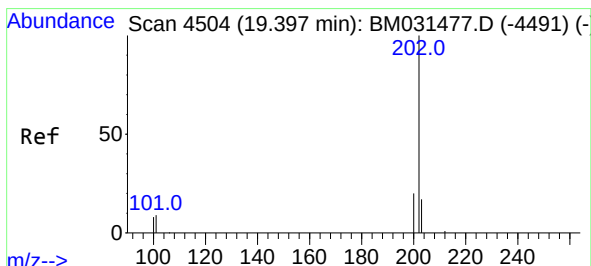
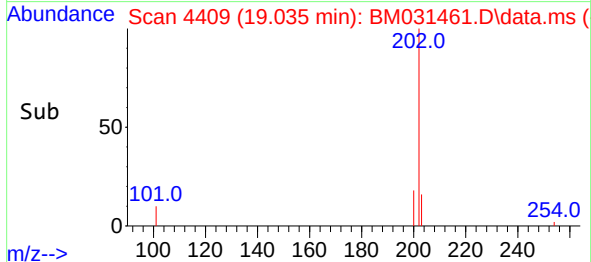
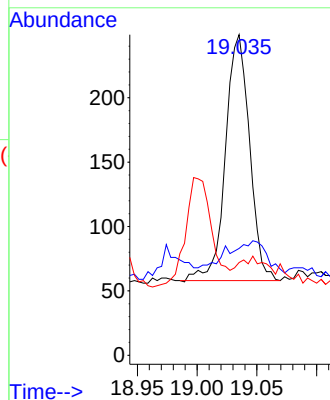
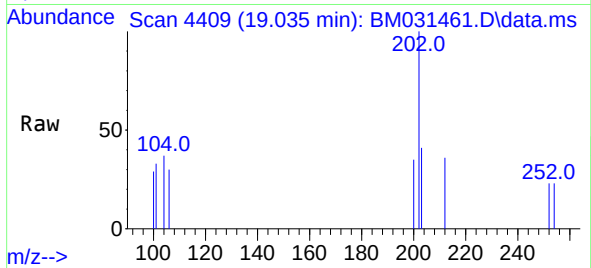
#19
Fluoranthene
Concen: 0.860 ng/ul
RT: 19.035 min Scan# 4409
Delta R.T. -0.004 min
Lab File: BM031461.D
Acq: 04 Aug 2021 23:29

Tgt Ion:	202	Resp:	268
Ion	Ratio	Lower	Upper
202	100		
101	33.3	6.6	10.0#
100	28.9	5.4	8.0#

Instrument :
BNA_M
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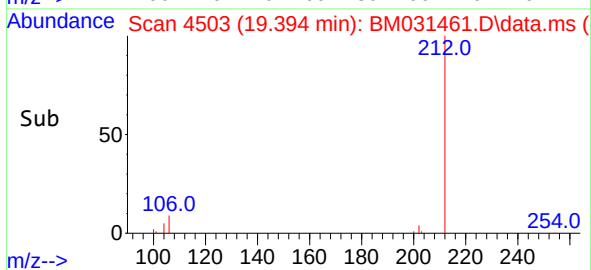
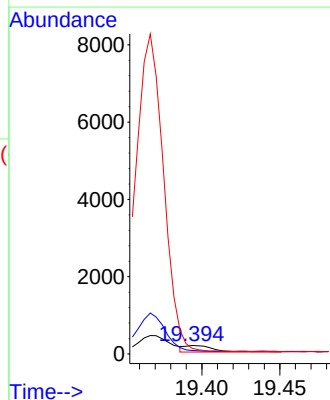
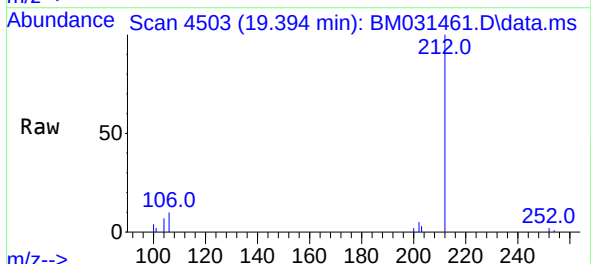
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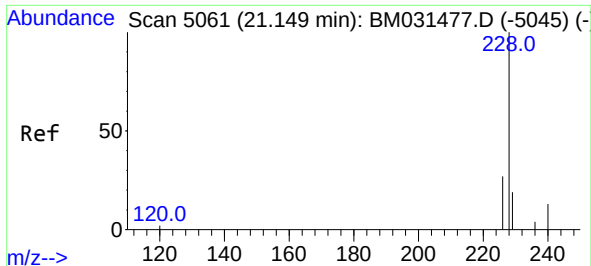
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#20
Pyrene
Concen: 0.724 ng/ul m
RT: 19.394 min Scan# 4503
Delta R.T. -0.007 min
Lab File: BM031461.D
Acq: 04 Aug 2021 23:29

Tgt Ion:	202	Resp:	229
Ion	Ratio	Lower	Upper
202	100		
101	42.7	7.8	11.6#
100	68.8	6.6	10.0#





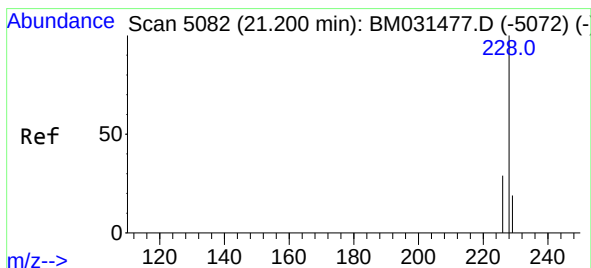
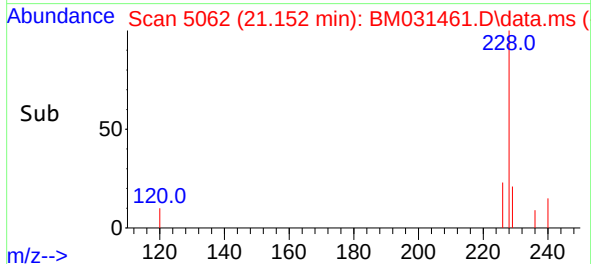
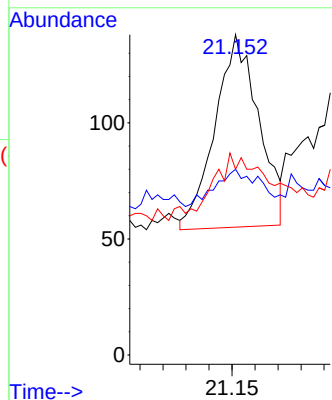
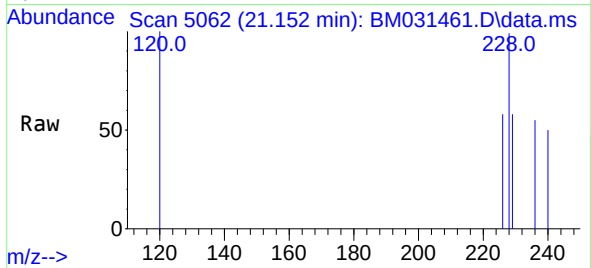
#21
Benzo(a)anthracene
Concen: 0.370 ng/u1
RT: 21.152 min Scan# 5062
Delta R.T. -0.002 min
Lab File: BM031461.D
Acq: 04 Aug 2021 23:29

Tgt Ion:228 Resp: 109
Ion Ratio Lower Upper
228 100
229 58.0 15.6 23.4#
226 58.0 21.7 32.5#

Instrument :
BNA_M
ClientSampleId :
BGER4

Manual Integrations
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#22
Chrysene
Concen: 0.548 ng/u1
RT: 21.200 min Scan# 5082
Delta R.T. -0.005 min
Lab File: BM031461.D
Acq: 04 Aug 2021 23:29

Tgt Ion:228 Resp: 167
Ion Ratio Lower Upper
228 100
226 62.3 24.7 37.1#
229 52.6 16.2 24.2#

