

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
 Data File : BM032641.D
 Acq On : 21 Oct 2021 05:10
 Operator : CG/JU
 Sample : M4196-17
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JDGD5

Manual Integrations
 APPROVED

mohammad
 10/21/2021 11:17:43 AM

Quant Time: Oct 21 05:42:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 20 16:33:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	7993	0.40	ng/ul	0.00
4) Naphthalene-d8	10.334	136	25526	0.40	ng/ul	# 0.00
9) Acenaphthene-d10	14.209	164	15005	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.943	188	24658	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.116	240	15912	0.40	ng/ul	# 0.00
23) Perylene-d12	23.249	264	15716	0.40	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.916	96	17499	1.95	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.931	152	8551	0.25	ng/ul	0.00
18) Fluoranthene-d10	18.969	212	12831	0.26	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.384	128	10309	0.13	ng/ul#	86
7) 2-Methylnaphthalene	12.008	142	48828	0.96	ng/ul	99
8) 1-Methylnaphthalene	12.228	142	36650	0.73	ng/ul	96
10) Acenaphthylene	13.933	152	5174	0.08	ng/ul#	1
11) Acenaphthene	14.270	153	8804m	0.15	ng/ul	
12) Fluorene	15.256	166	14962	0.23	ng/ul#	76
15) Phenanthrene	16.984	178	79937	0.96	ng/ul#	93
16) Anthracene	17.071	178	1504m	0.02	ng/ul	
19) Fluoranthene	19.000	202	6648	0.08	ng/ul#	61
20) Pyrene	19.362	202	13740	0.17	ng/ul#	85
21) Benzo(a)anthracene	21.101	228	1256	0.02	ng/ul#	1
22) Chrysene	21.152	228	3282m	0.05	ng/ul	
24) Benzo(b)fluoranthene	22.619	252	1704m	0.02	ng/ul	
26) Benzo(a)pyrene	23.157	252	1254	0.02	ng/ul#	1
29) Benzo(g,h,i)perylene	26.006	276	1628	0.03	ng/ul#	1

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

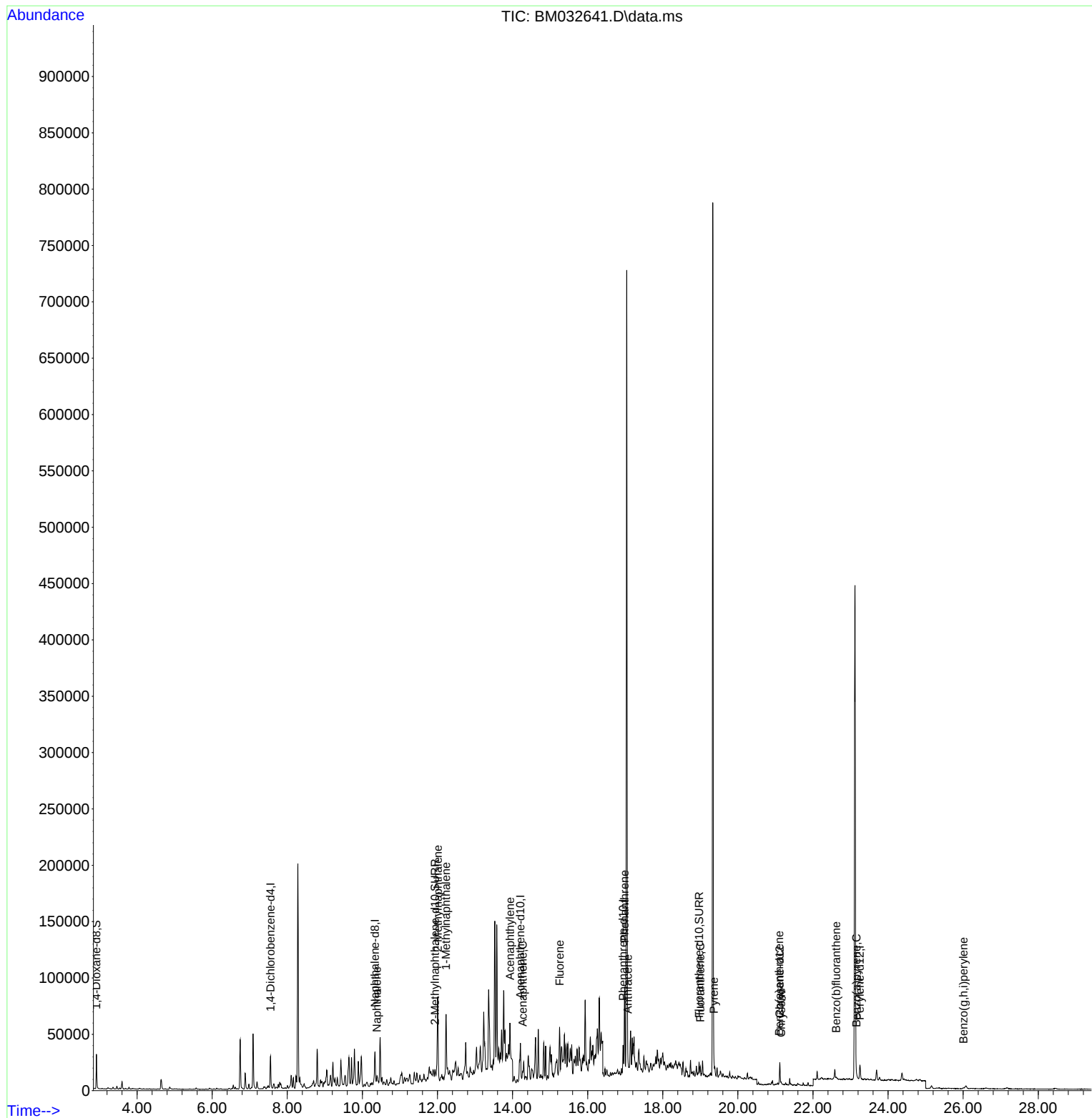
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Data File : BM032641.D
Acq On : 21 Oct 2021 05:10
Operator : CG/JU
Sample : M4196-17
Misc :
ALS Vial : 60 Sample Multiplier: 1

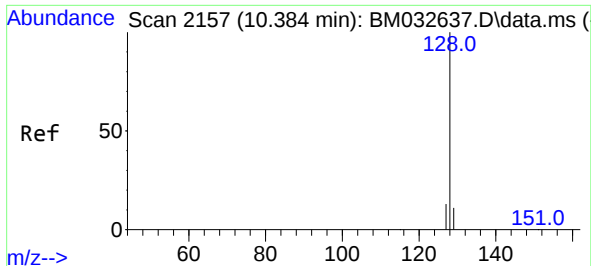
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
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QLast Update : Wed Oct 20 16:33:56 2021
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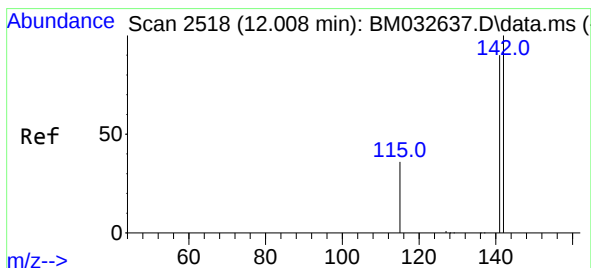
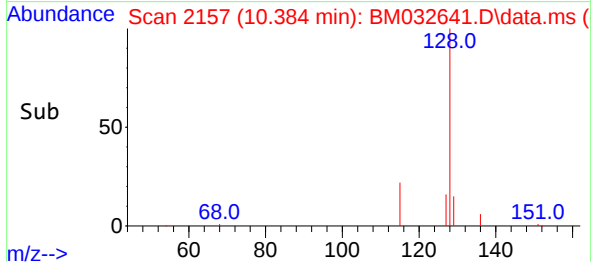
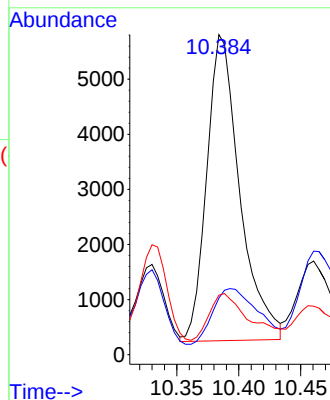
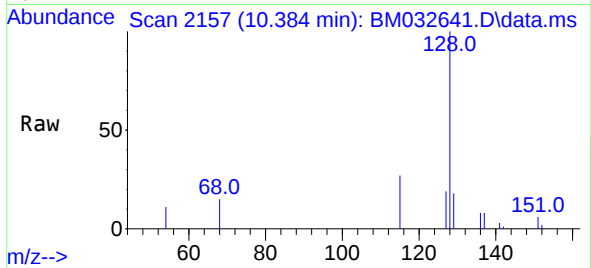
#5
Naphthalene
Concen: 0.13 ng/ul
RT: 10.384 min Scan# 2157
Delta R.T. -0.005 min
Lab File: BM032641.D
Acq: 21 Oct 2021 05:10

Tgt Ion:128 Resp: 10309
Ion Ratio Lower Upper
128 100
129 17.7 9.1 13.7#
127 18.6 11.1 16.7#

Instrument :
BNA_M
ClientSampled :
JDGD5

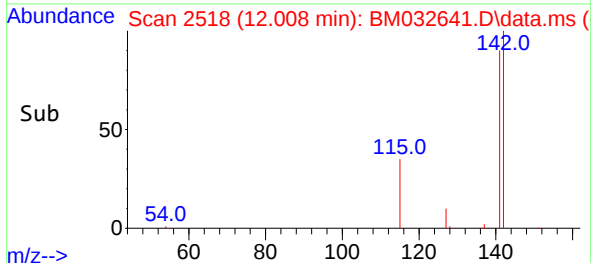
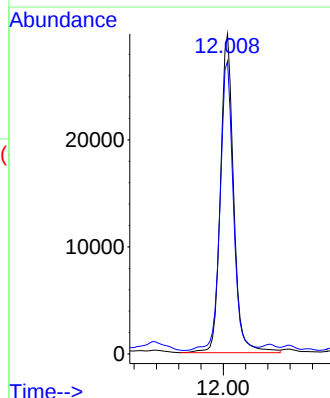
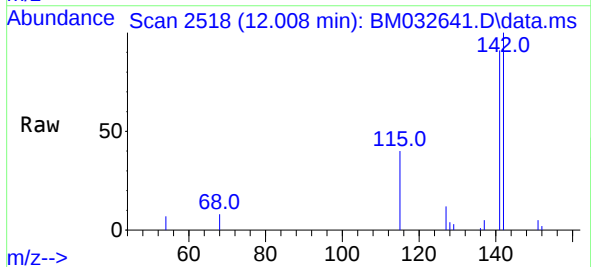
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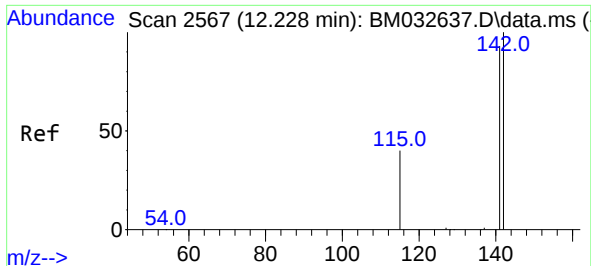
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#7
2-Methylnaphthalene
Concen: 0.96 ng/ul
RT: 12.008 min Scan# 2518
Delta R.T. -0.005 min
Lab File: BM032641.D
Acq: 21 Oct 2021 05:10

Tgt Ion:142 Resp: 48828
Ion Ratio Lower Upper
142 100
141 91.1 72.2 108.2





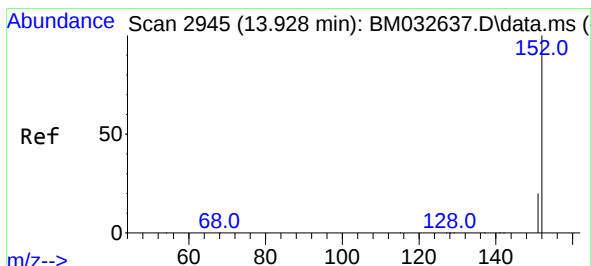
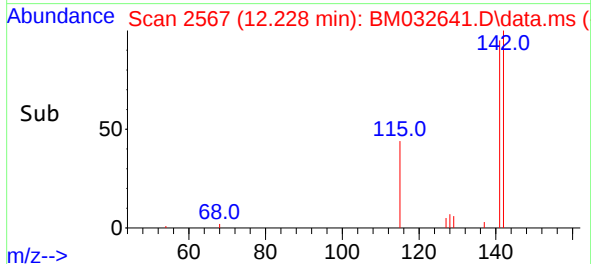
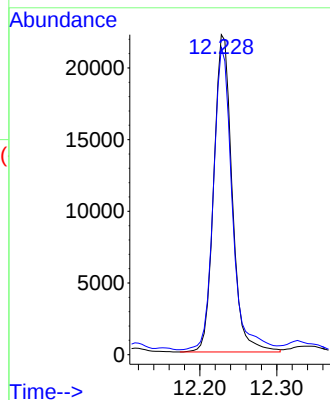
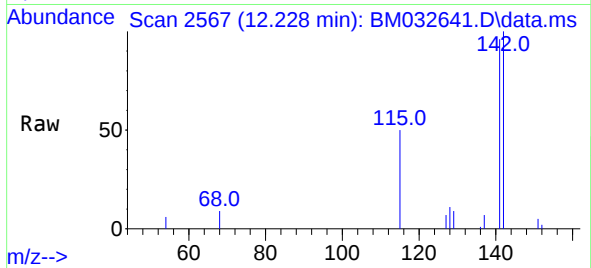
#8
1-Methylnaphthalene
Concen: 0.73 ng/ul
RT: 12.228 min Scan# 2567
Delta R.T. -0.005 min
Lab File: BM032641.D
Acq: 21 Oct 2021 05:10

Tgt Ion:142 Resp: 36650
Ion Ratio Lower Upper
142 100
141 97.1 74.9 112.3

Instrument :
BNA_M
ClientSampled :
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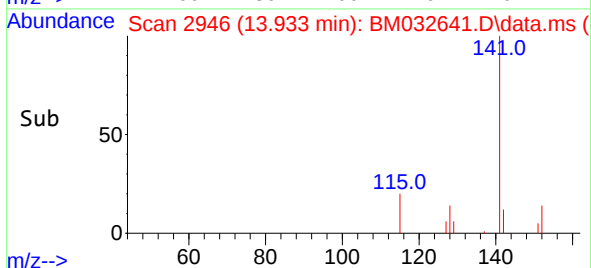
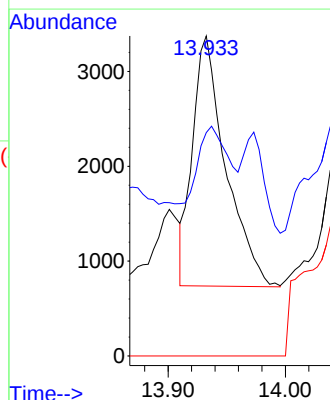
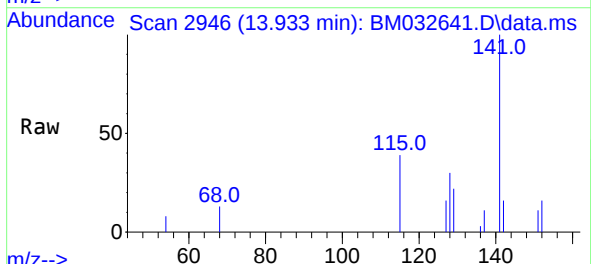
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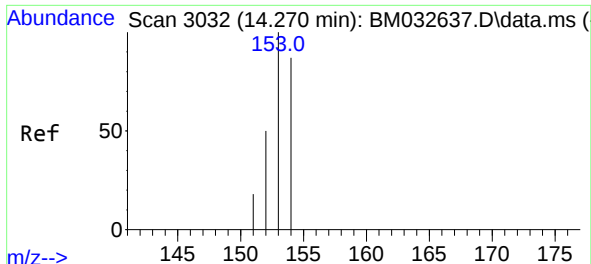
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#10
Acenaphthylene
Concen: 0.08 ng/ul
RT: 13.933 min Scan# 2946
Delta R.T. 0.004 min
Lab File: BM032641.D
Acq: 21 Oct 2021 05:10

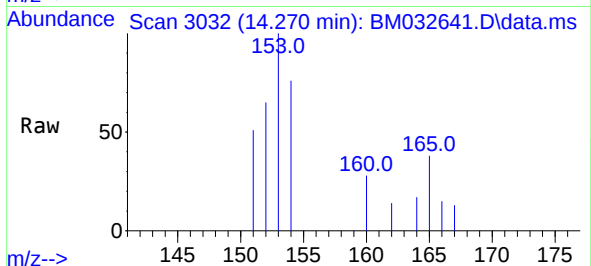
Tgt Ion:152 Resp: 5174
Ion Ratio Lower Upper
152 100
151 69.8 16.7 25.1#
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.15 ng/ul m
RT: 14.270 min Scan# 3032
Delta R.T. -0.004 min
Lab File: BM032641.D
Acq: 21 Oct 2021 05:10

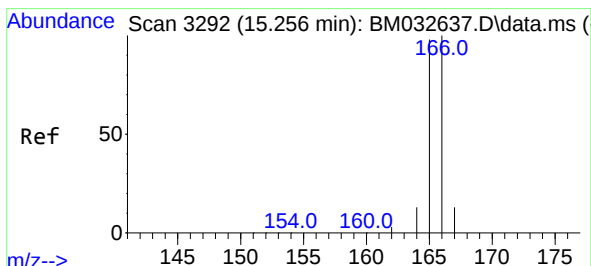
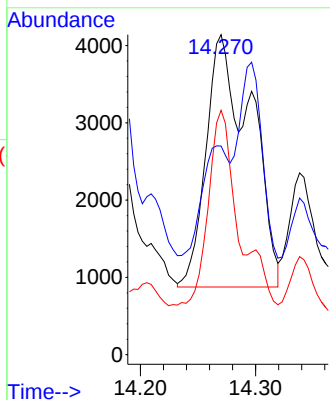
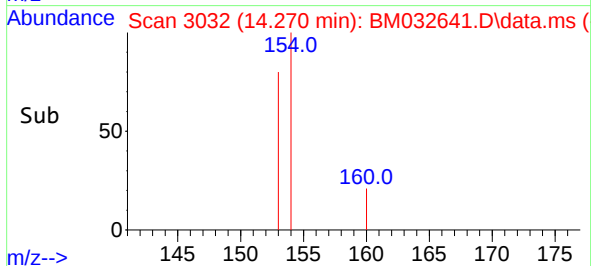
Instrument :
BNA_M
ClientSampleId :
JDGD5



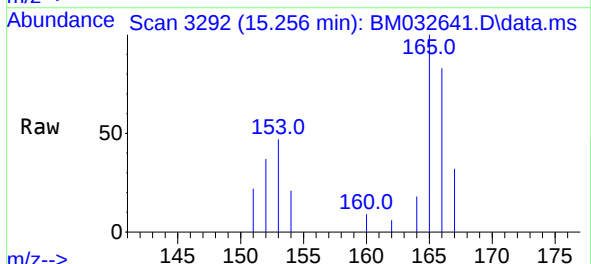
Tgt Ion:153 Resp: 8804
Ion Ratio Lower Upper
153 100
152 65.2 40.4 60.6#
154 76.4 70.8 106.2

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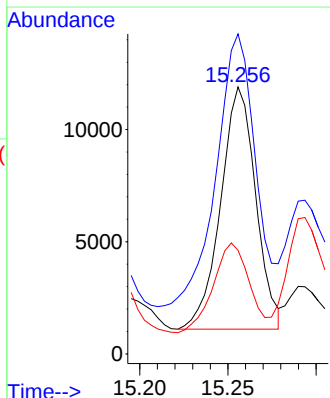
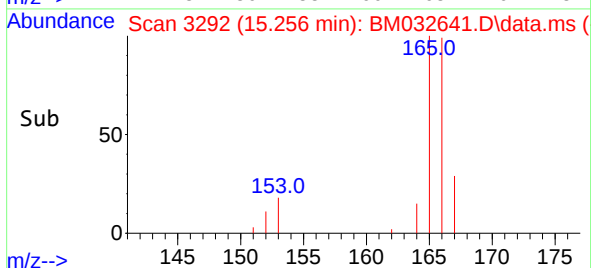
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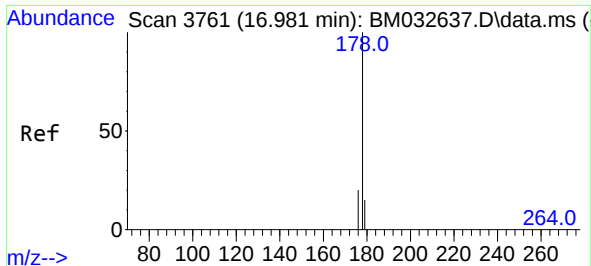


#12
Fluorene
Concen: 0.23 ng/ul
RT: 15.256 min Scan# 3292
Delta R.T. -0.004 min
Lab File: BM032641.D
Acq: 21 Oct 2021 05:10



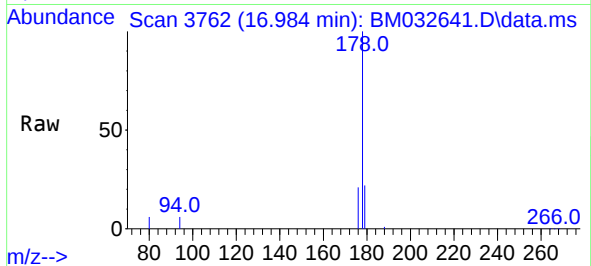
Tgt Ion:166 Resp: 14962
Ion Ratio Lower Upper
166 100
165 119.9 80.7 121.1
167 38.9 11.2 16.8#





#15
Phenanthrene
Concen: 0.96 ng/ul
RT: 16.984 min Scan# 3762
Delta R.T. -0.004 min
Lab File: BM032641.D
Acq: 21 Oct 2021 05:10

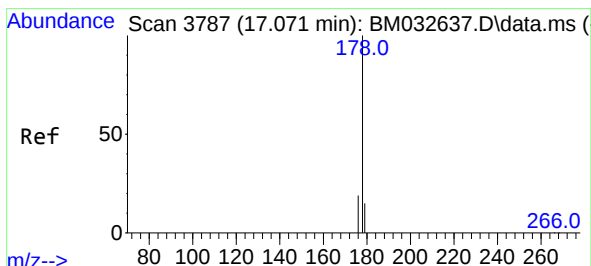
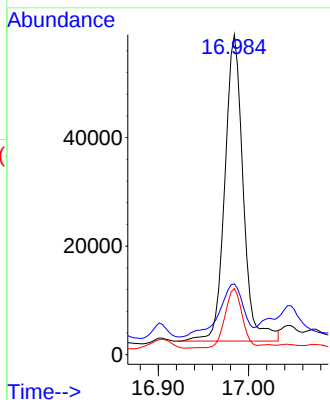
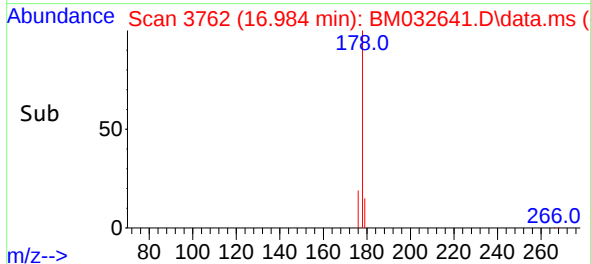
Instrument :
BNA_M
ClientSampled :
JDGD5



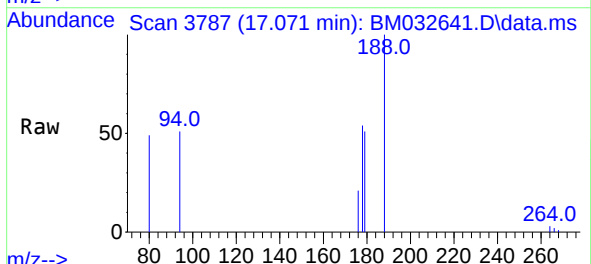
Tgt Ion:178 Resp: 79937
Ion Ratio Lower Upper
178 100
179 22.2 12.9 19.3#
176 20.7 16.1 24.1

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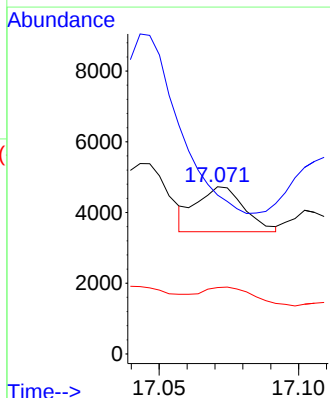
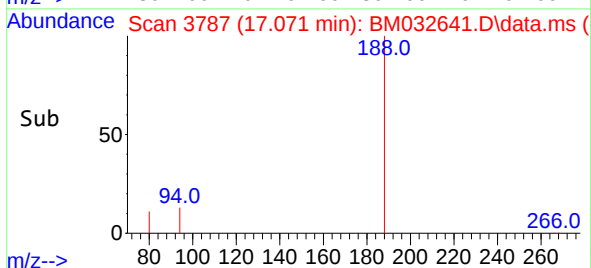
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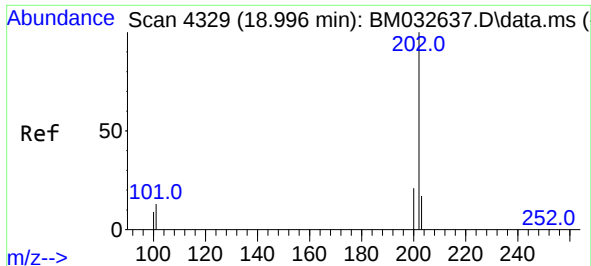


#16
Anthracene
Concen: 0.02 ng/ul m
RT: 17.071 min Scan# 3787
Delta R.T. -0.007 min
Lab File: BM032641.D
Acq: 21 Oct 2021 05:10



Tgt Ion:178 Resp: 1504
Ion Ratio Lower Upper
178 100
179 95.0 12.9 19.3#
176 39.7 15.8 23.6#





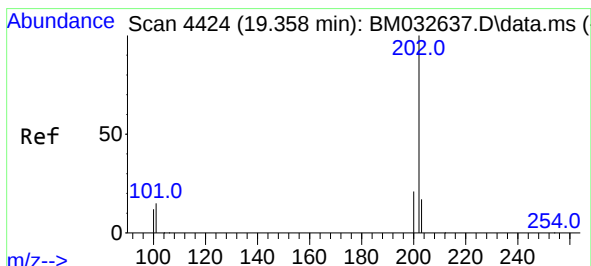
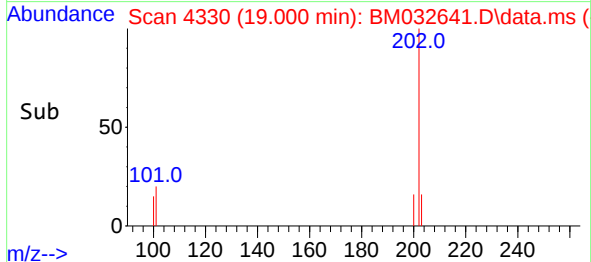
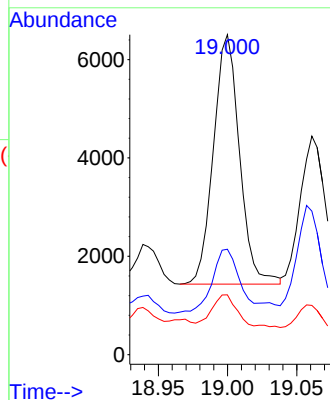
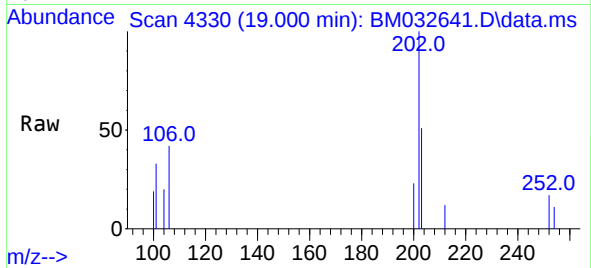
#19
Fluoranthene
Concen: 0.08 ng/ul
RT: 19.000 min Scan# 4330
Delta R.T. -0.004 min
Lab File: BM032641.D
Acq: 21 Oct 2021 05:10

Tgt Ion:	202	Resp:	6648
Ion Ratio	Lower	Upper	
202	100		
101	33.0	10.6	16.0#
100	18.7	7.8	11.8#

Instrument :
BNA_M
ClientSampleId :
JDGD5

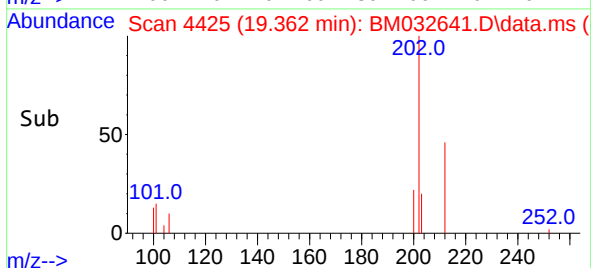
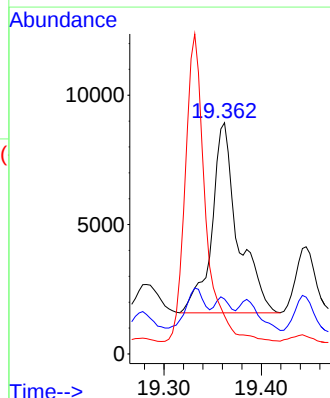
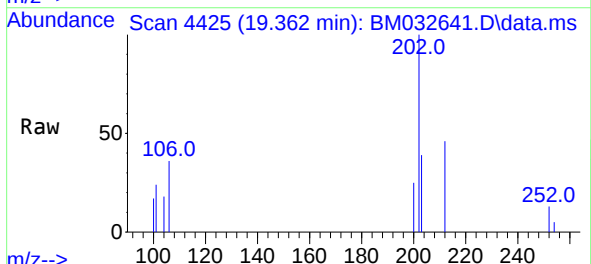
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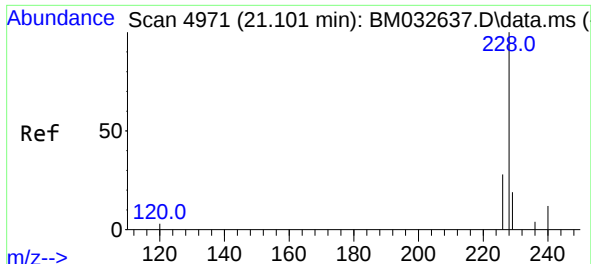
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#20
Pyrene
Concen: 0.17 ng/ul
RT: 19.362 min Scan# 4425
Delta R.T. -0.004 min
Lab File: BM032641.D
Acq: 21 Oct 2021 05:10

Tgt Ion:	202	Resp:	13740
Ion Ratio	Lower	Upper	
202	100		
101	23.7	12.3	18.5#
100	16.5	10.1	15.1#





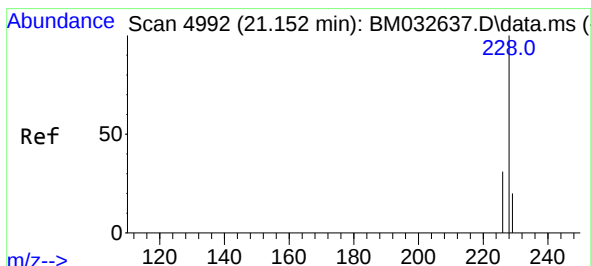
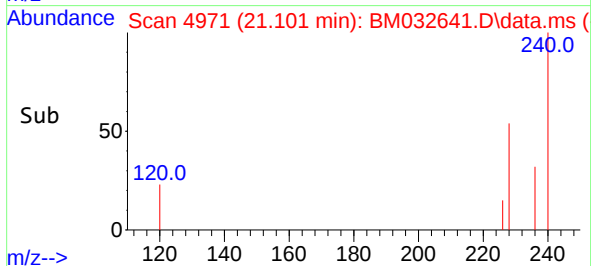
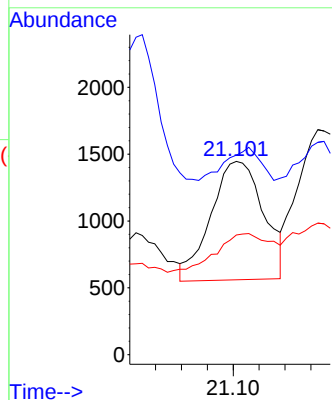
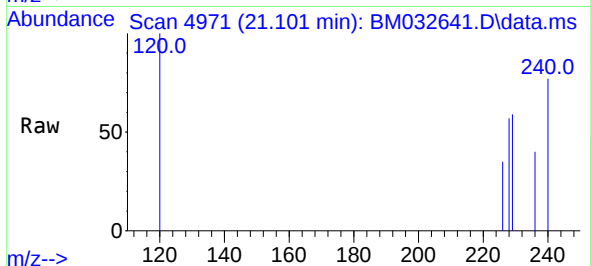
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Benzo(a)anthracene
Concen: 0.02 ng/ul
RT: 21.101 min Scan# 4971
Delta R.T. -0.007 min
Lab File: BM032641.D
Acq: 21 Oct 2021 05:10

Tgt Ion:228 Resp: 1256
Ion Ratio Lower Upper
228 100
229 103.3 15.9 23.9#
226 61.9 22.4 33.6#

Instrument :
BNA_M
ClientSampled :
JDGD5

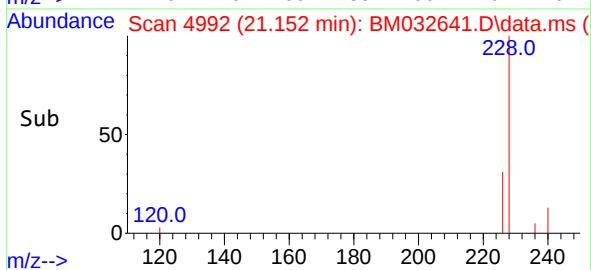
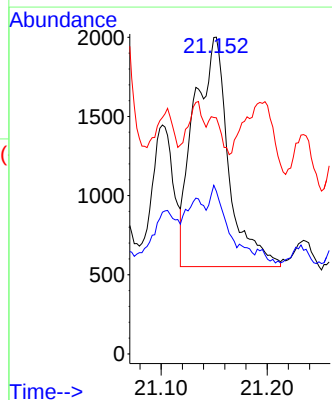
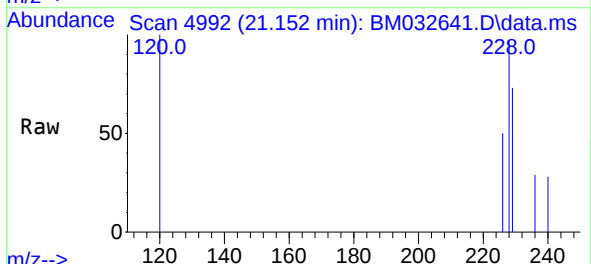
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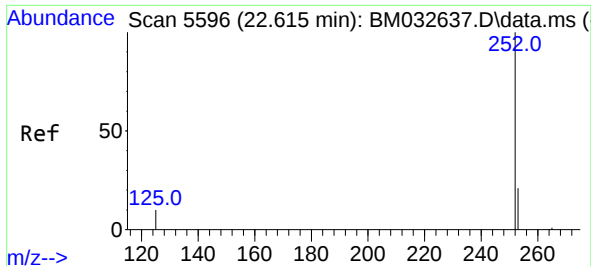
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#22
Chrysene
Concen: 0.05 ng/ul m
RT: 21.152 min Scan# 4992
Delta R.T. -0.007 min
Lab File: BM032641.D
Acq: 21 Oct 2021 05:10

Tgt Ion:228 Resp: 3282
Ion Ratio Lower Upper
228 100
226 51.4 25.1 37.7#
229 74.5 15.7 23.5#





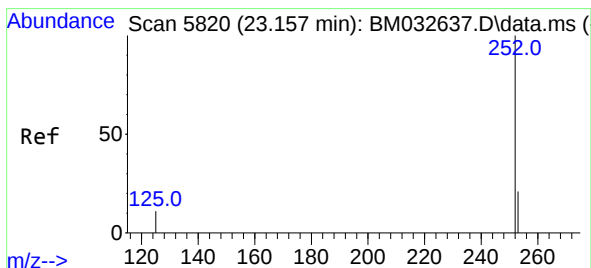
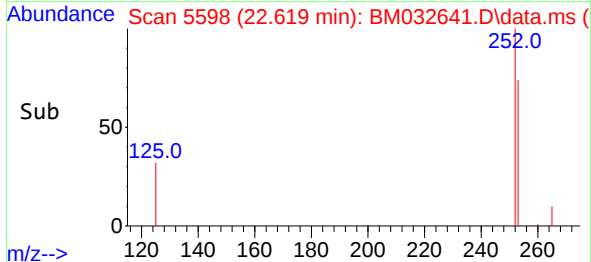
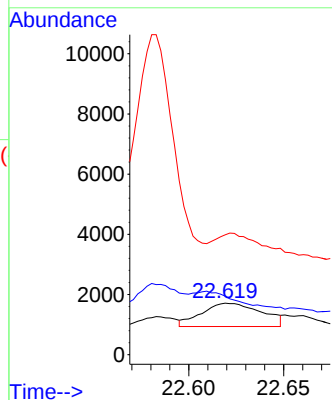
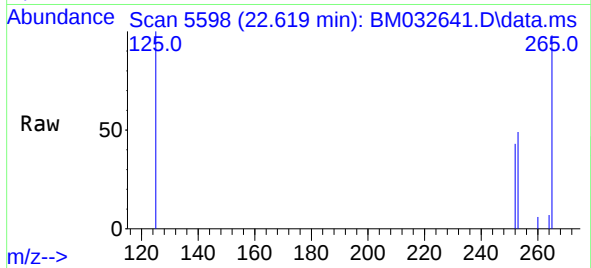
#24
Benzo(b)fluoranthene
Concen: 0.02 ng/ul m
RT: 22.619 min Scan# 5598
Delta R.T. -0.007 min
Lab File: BM032641.D
Acq: 21 Oct 2021 05:10

Tgt Ion:252 Resp: 1704
Ion Ratio Lower Upper
252 100
253 113.7 0.0 53.8#
125 232.4 0.0 35.6#

Instrument :
BNA_M
ClientSampled :
JDGD5

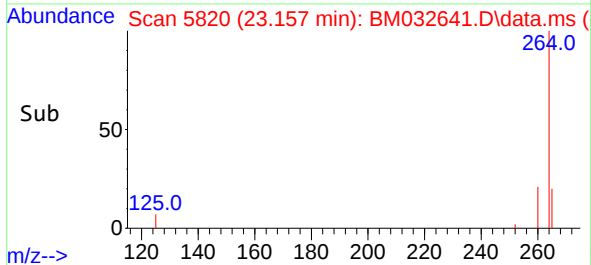
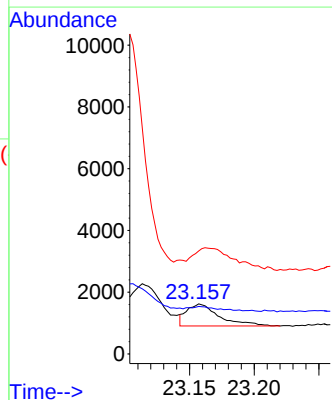
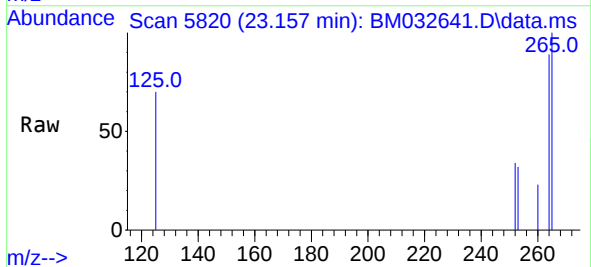
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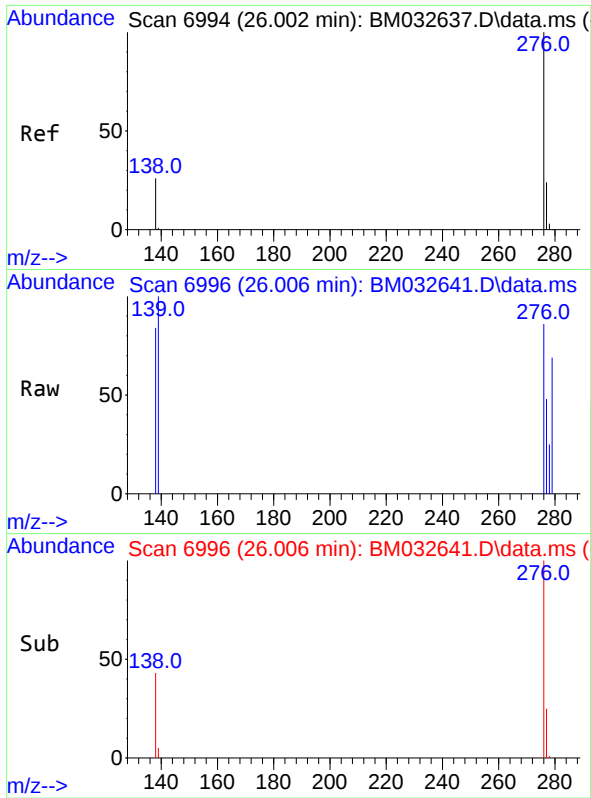
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#26
Benzo(a)pyrene
Concen: 0.02 ng/ul
RT: 23.157 min Scan# 5820
Delta R.T. -0.012 min
Lab File: BM032641.D
Acq: 21 Oct 2021 05:10

Tgt Ion:252 Resp: 1254
Ion Ratio Lower Upper
252 100
253 94.8 23.6 35.4#
125 205.8 17.1 25.7#





#29

Benzo(g,h,i)perylene

Concen: 0.03 ng/ul

RT: 26.006 min Scan# 6996

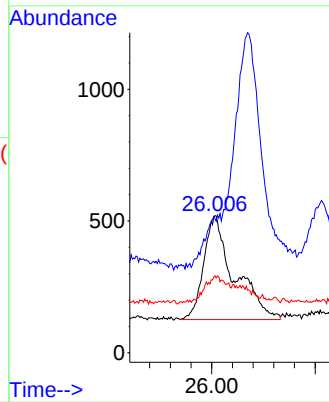
Delta R.T. -0.012 min

Lab File: BM032641.D

Acq: 21 Oct 2021 05:10

Tgt Ion:276 Resp: 1628

Ion	Ratio	Lower	Upper
276	100		
138	97.7	22.6	33.8#
277	56.0	19.9	29.9#



Instrument :
BNA_M
ClientSampleId :
JDGD5

Manual Integrations
APPROVED

mohammad
10/21/2021 11:17:43 AM