

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
 Data File : BM031177.D
 Acq On : 26 Jul 2021 23:58
 Operator : CG/JU
 Sample : M3010-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEE3

Manual Integrations
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Quant Time: Jul 27 06:23:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 01:52:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.632	152	1769	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.397	136	7134	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.258	164	4831	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.002	188	10367	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.190	240	9492	0.400	ng/ul	0.00
23) Perylene-d12	23.360	264	8153	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	3371	1.814	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.989	152	1840	0.147	ng/ul	0.00
18) Fluoranthene-d10	19.031	212	4843	0.167	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.446	128	1814	0.085	ng/ul	95
10) Acenaphthylene	13.981	152	1310	0.066	ng/ul	98
12) Fluorene	15.312	166	531	0.026	ng/ul#	96
15) Phenanthrene	17.048	178	6021	0.183	ng/ul	98
16) Anthracene	17.138	178	2486	0.081	ng/ul	96
19) Fluoranthene	19.062	202	24662	0.645	ng/ul#	94
20) Pyrene	19.428	202	25162	0.645	ng/ul	96
21) Benzo(a)anthracene	21.173	228	16484	0.435	ng/ul	96
22) Chrysene	21.227	228	15526	0.378	ng/ul	97
24) Benzo(b)fluoranthene	22.716	252	19295m	0.503	ng/ul	
25) Benzo(k)fluoranthene	22.754	252	7272m	0.187	ng/ul	
26) Benzo(a)pyrene	23.268	252	14716	0.444	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.512	276	7010	0.161	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.524	278	1865	0.054	ng/ul#	64
29) Benzo(g,h,i)perylene	26.168	276	4915	0.133	ng/ul#	92

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

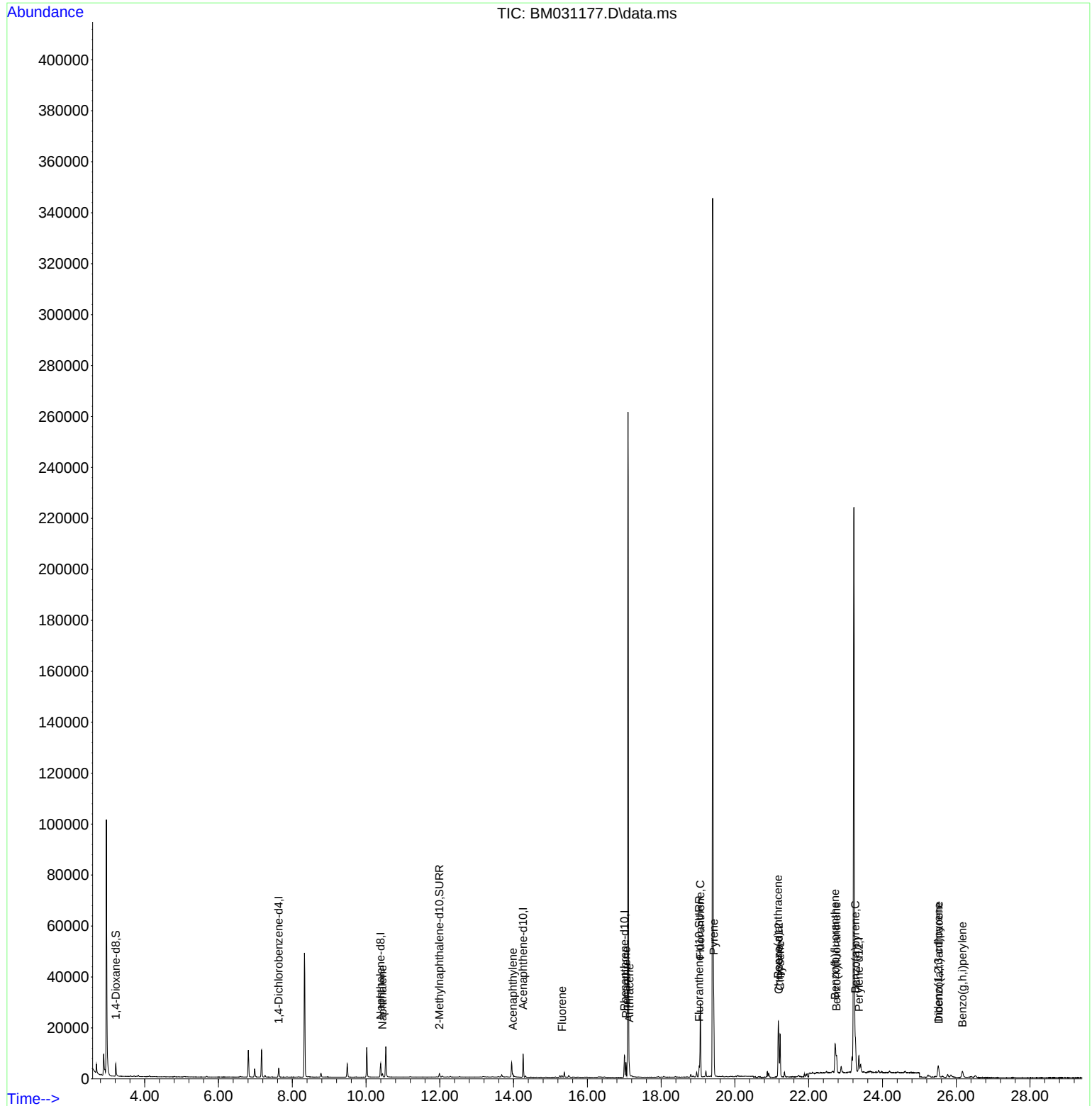
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
Data File : BM031177.D
Acq On : 26 Jul 2021 23:58
Operator : CG/JU
Sample : M3010-05
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ALS Vial : 23 Sample Multiplier: 1

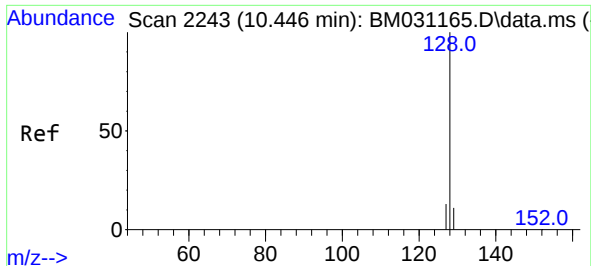
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
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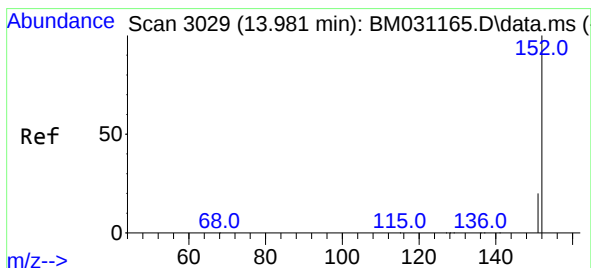
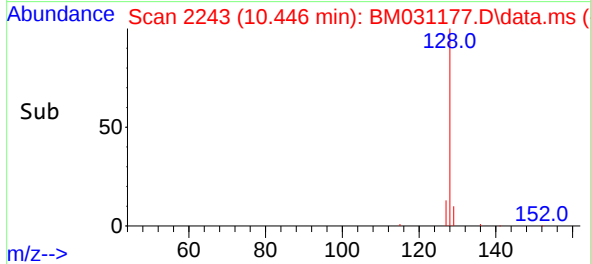
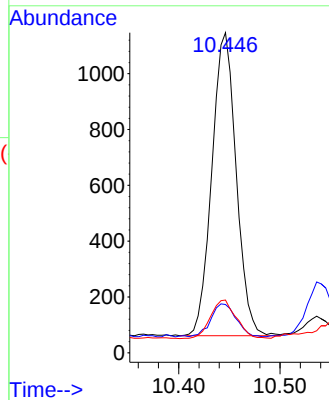
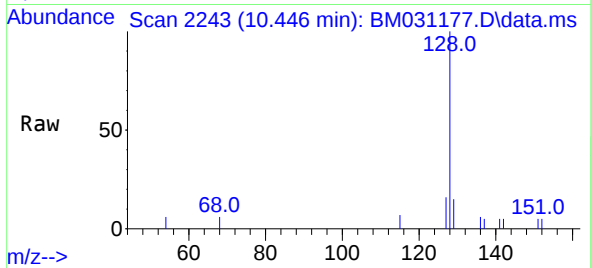
#5
Naphthalene
Concen: 0.085 ng/ul
RT: 10.446 min Scan# 2243
Delta R.T. -0.009 min
Lab File: BM031177.D
Acq: 26 Jul 2021 23:58

Tgt Ion:	128	Resp:	1814
Ion Ratio	Lower	Upper	
128	100		
129	15.1	10.2	15.4
127	16.5	11.8	17.8

Instrument :
BNA_M
ClientSampled :
BGEE3

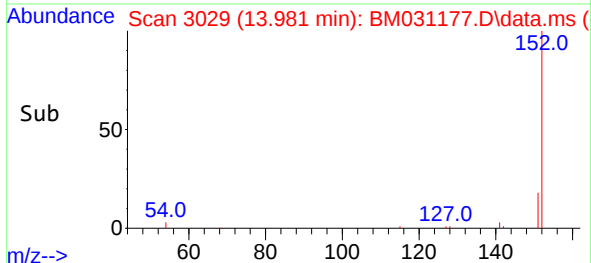
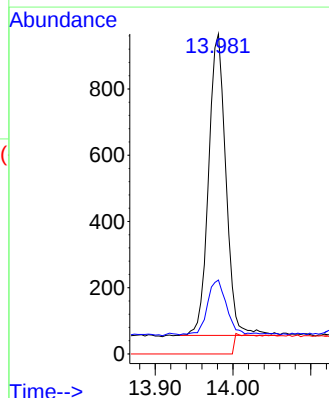
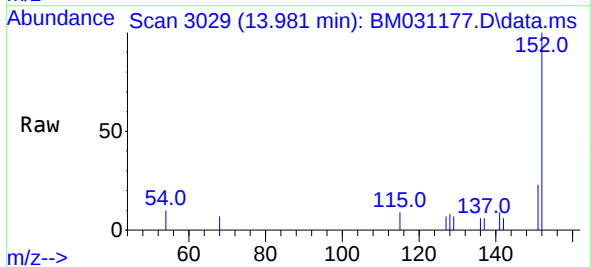
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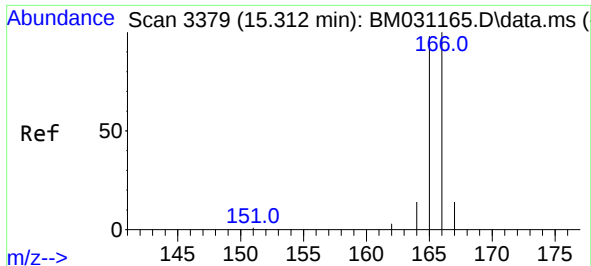
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#10
Acenaphthylene
Concen: 0.066 ng/ul
RT: 13.981 min Scan# 3029
Delta R.T. -0.005 min
Lab File: BM031177.D
Acq: 26 Jul 2021 23:58

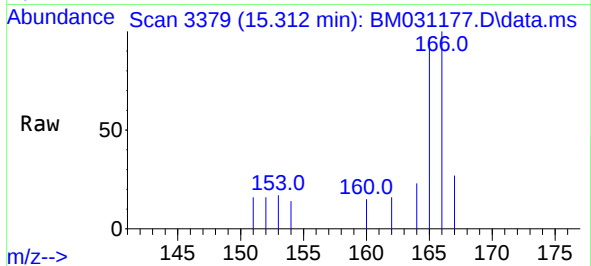
Tgt Ion:	152	Resp:	1310
Ion Ratio	Lower	Upper	
152	100		
151	23.1	17.5	26.3
153	0.0	0.0	0.0





#12
Fluorene
Concen: 0.026 ng/u1
RT: 15.312 min Scan# 3379
Delta R.T. -0.008 min
Lab File: BM031177.D
Acq: 26 Jul 2021 23:58

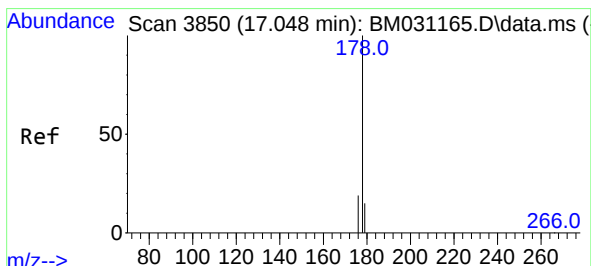
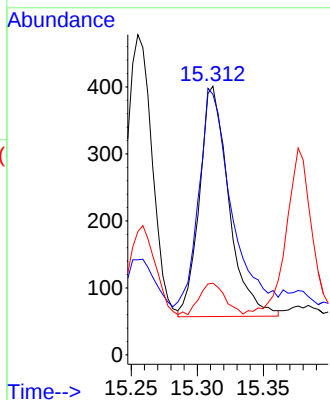
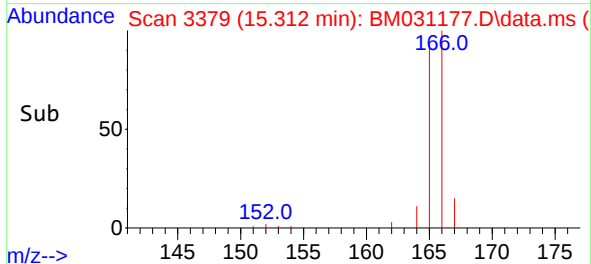
Instrument :
BNA_M
ClientSampled :
BGEE3



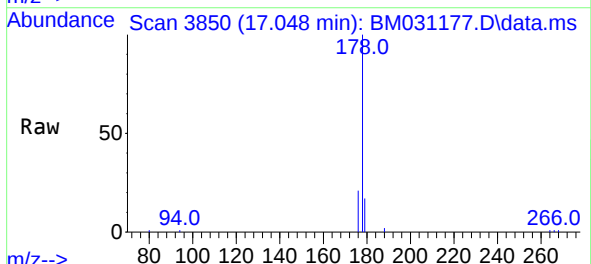
Tgt Ion:166 Resp: 531
Ion Ratio Lower Upper
166 100
165 97.0 78.2 117.2
167 26.7 12.3 18.5#

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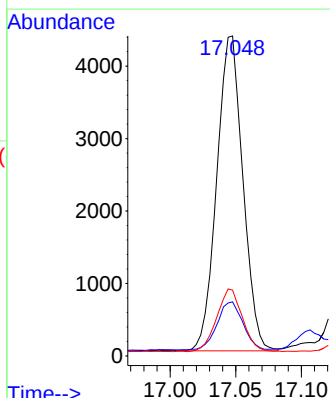
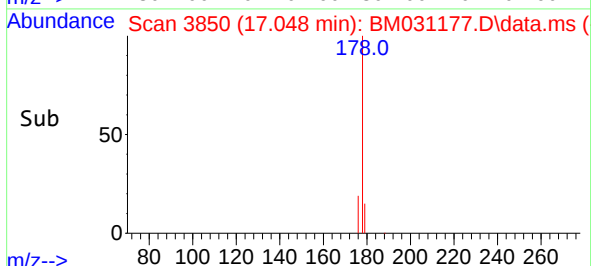
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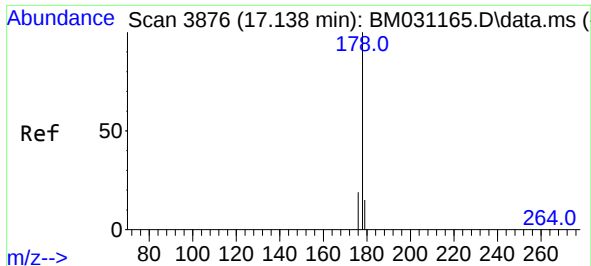


#15
Phenanthrene
Concen: 0.183 ng/u1
RT: 17.048 min Scan# 3850
Delta R.T. -0.007 min
Lab File: BM031177.D
Acq: 26 Jul 2021 23:58



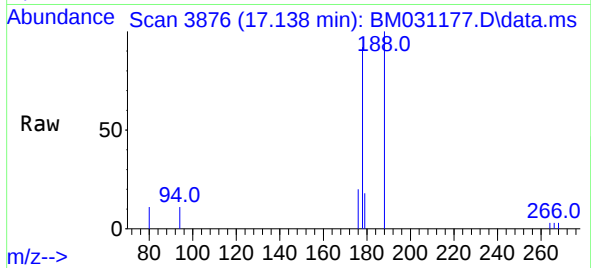
Tgt Ion:178 Resp: 6021
Ion Ratio Lower Upper
178 100
179 16.9 13.3 19.9
176 20.5 15.4 23.2





#16
 Anthracene
 Concen: 0.081 ng/ul
 RT: 17.138 min Scan# 3876
 Delta R.T. -0.007 min
 Lab File: BM031177.D
 Acq: 26 Jul 2021 23:58

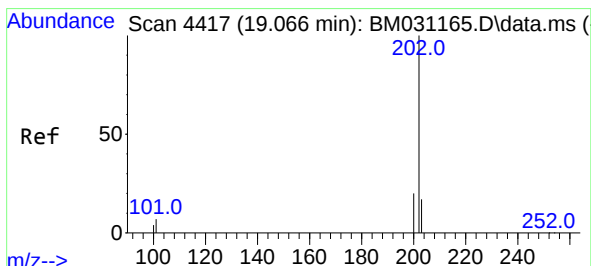
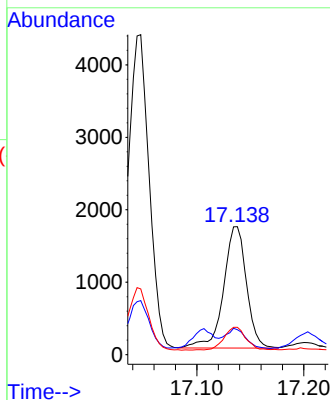
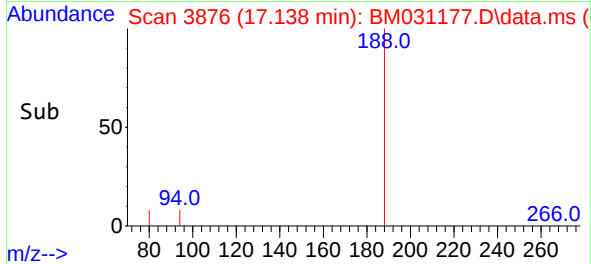
Instrument :
 BNA_M
 ClientSampled :
 BGEE3



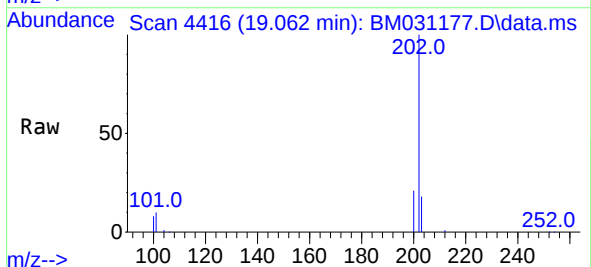
Tgt Ion:	178	Resp:	2486
Ion Ratio	Lower	Upper	
178	100		
179	19.5	13.8	20.8
176	21.3	15.7	23.5

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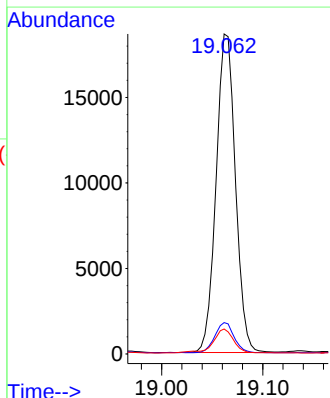
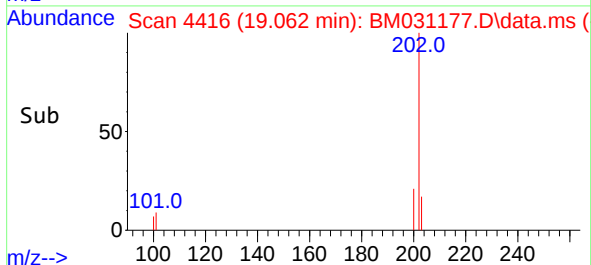
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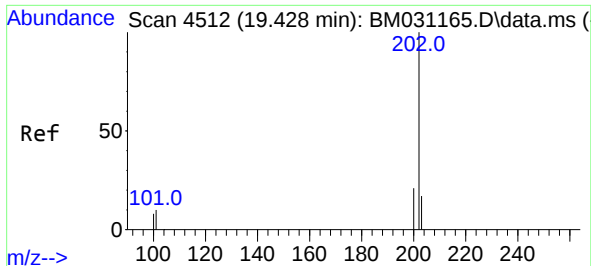


#19
 Fluoranthene
 Concen: 0.645 ng/ul
 RT: 19.062 min Scan# 4416
 Delta R.T. -0.012 min
 Lab File: BM031177.D
 Acq: 26 Jul 2021 23:58



Tgt Ion:	202	Resp:	24662
Ion Ratio	Lower	Upper	
202	100		
101	9.8	6.0	9.0#
100	7.8	4.8	7.2#





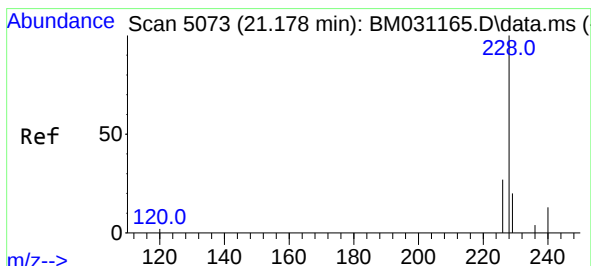
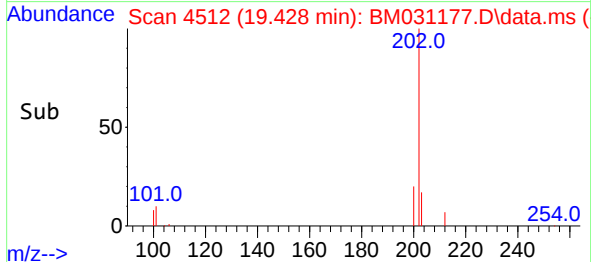
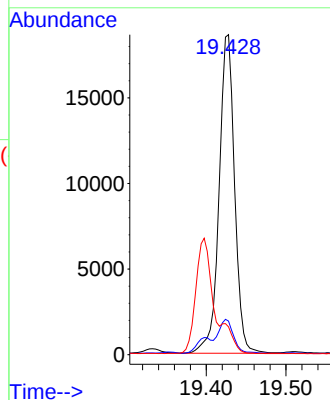
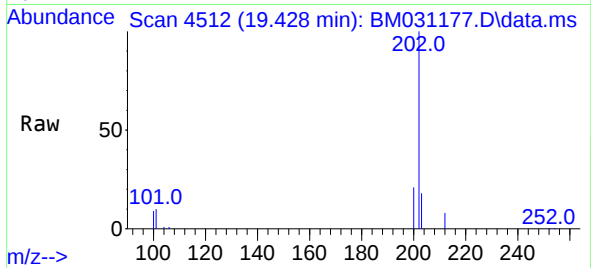
#20
Pyrene
Concen: 0.645 ng/ul
RT: 19.428 min Scan# 4512
Delta R.T. -0.008 min
Lab File: BM031177.D
Acq: 26 Jul 2021 23:58

Tgt Ion:	202	Resp:	25162
Ion	Ratio	Lower	Upper
202	100		
101	10.5	7.4	11.0
100	8.7	6.0	9.0

Instrument :
BNA_M
ClientSampled :
BGEE3

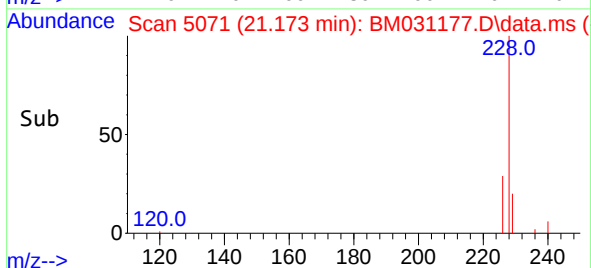
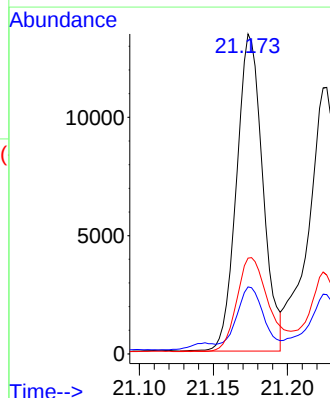
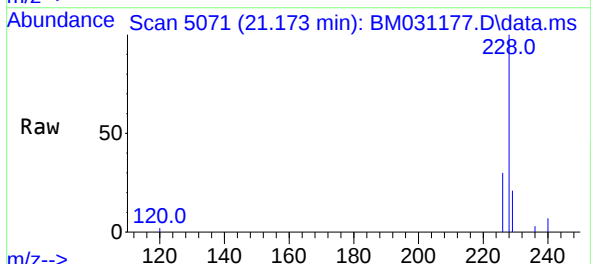
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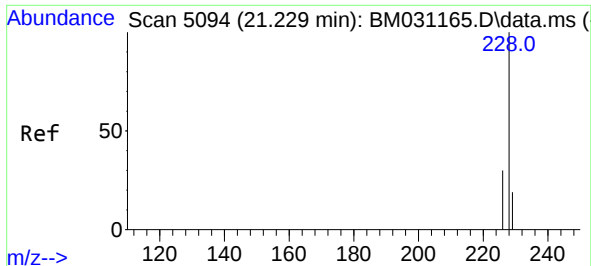
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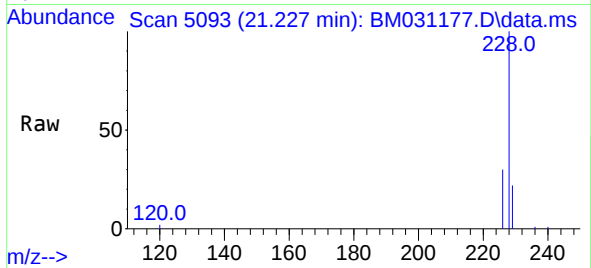
#21
Benzo(a)anthracene
Concen: 0.435 ng/ul
RT: 21.173 min Scan# 5071
Delta R.T. -0.010 min
Lab File: BM031177.D
Acq: 26 Jul 2021 23:58

Tgt Ion:	228	Resp:	16484
Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.0	24.0
226	29.9	21.4	32.2

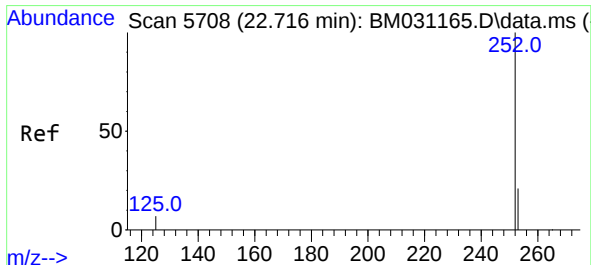
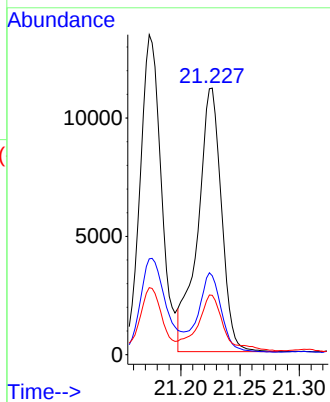
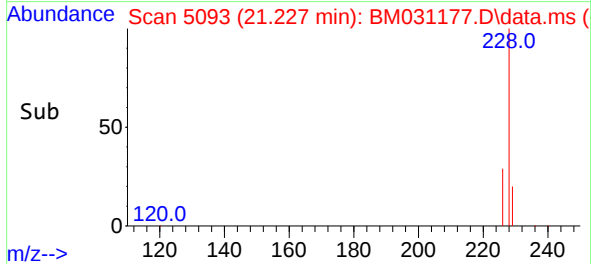




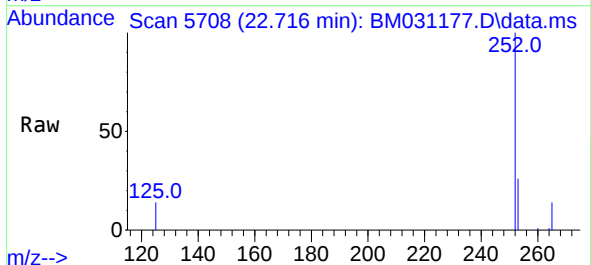
#22
Chrysene
Concen: 0.378 ng/ul
RT: 21.227 min Scan# 5093
Delta R.T. -0.007 min
Lab File: BM031177.D
Acq: 26 Jul 2021 23:58



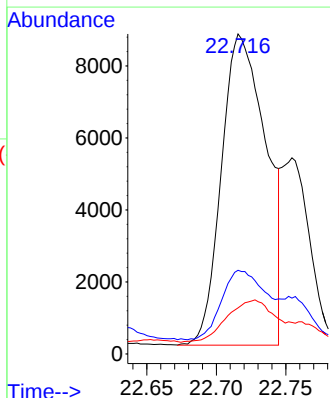
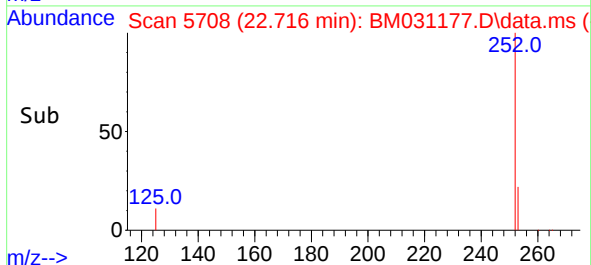
Tgt Ion:	228	Resp:	15526
Ion Ratio	Lower	Upper	
228	100		
226	29.6	24.5	36.7
229	22.3	15.8	23.8



#24
Benzo(b)fluoranthene
Concen: 0.503 ng/ul m
RT: 22.716 min Scan# 5708
Delta R.T. -0.010 min
Lab File: BM031177.D
Acq: 26 Jul 2021 23:58



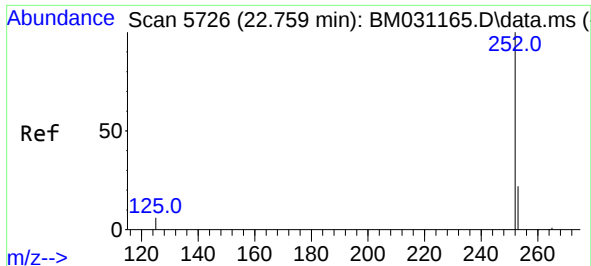
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Ion Ratio	Lower	Upper	
252	100		
253	26.1	0.0	52.8
125	14.4	0.0	20.2



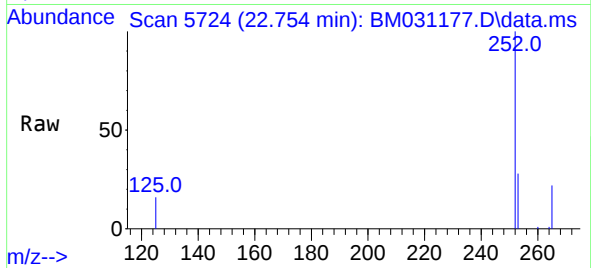
Instrument :
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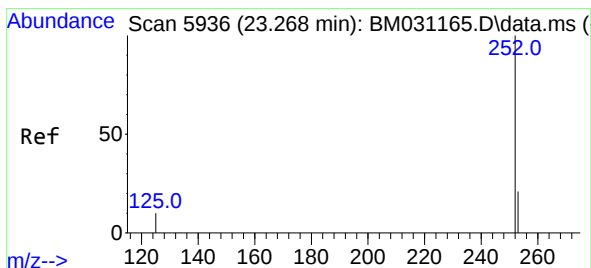
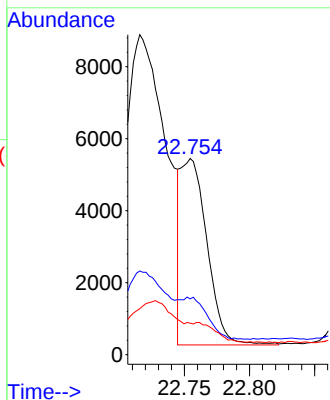
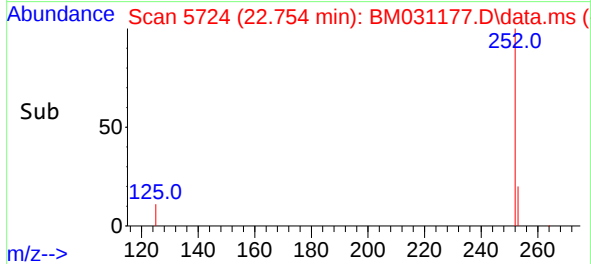
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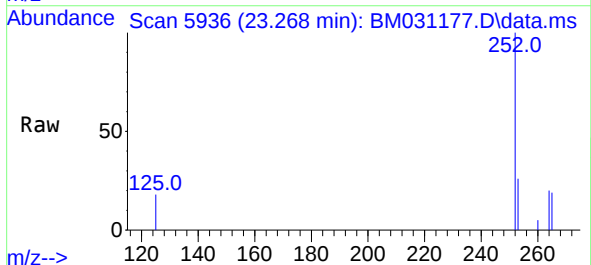
#25
Benzo(k)fluoranthene
Concen: 0.187 ng/ul m
RT: 22.754 min Scan# 5724
Delta R.T. -0.015 min
Lab File: BM031177.D
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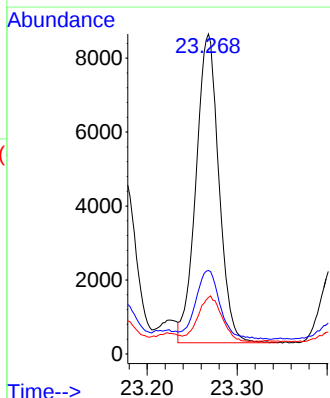
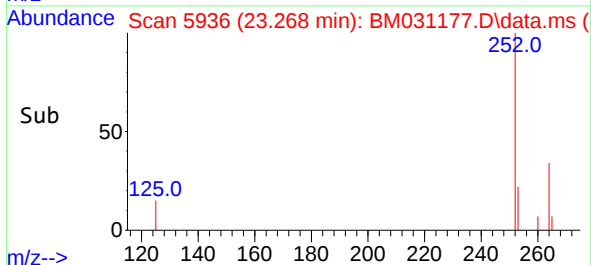
Tgt Ion:252 Resp: 7272
Ion Ratio Lower Upper
252 100
253 28.5 21.6 32.4
125 16.0 8.6 13.0#



#26
Benzo(a)pyrene
Concen: 0.444 ng/ul
RT: 23.268 min Scan# 5936
Delta R.T. -0.012 min
Lab File: BM031177.D
Acq: 26 Jul 2021 23:58



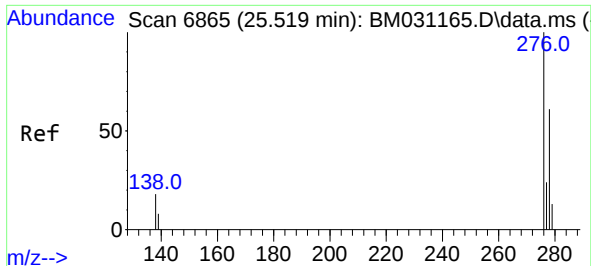
Tgt Ion:252 Resp: 14716
Ion Ratio Lower Upper
252 100
253 26.1 23.1 34.7
125 17.7 10.7 16.1#



Instrument :
BNA_M
ClientSampled :
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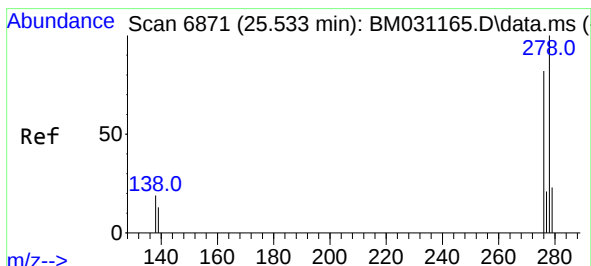
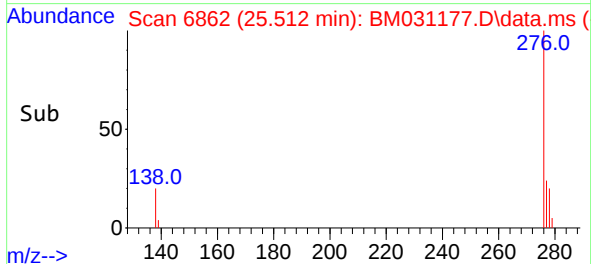
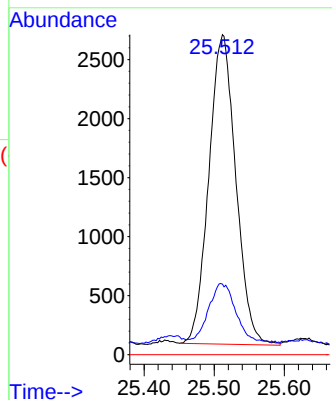
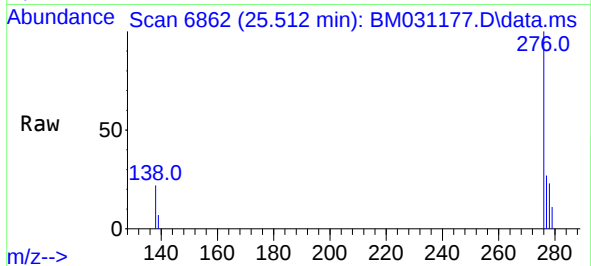
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.161 ng/ul
RT: 25.512 min Scan# 6862
Delta R.T. -0.022 min
Lab File: BM031177.D
Acq: 26 Jul 2021 23:58

Tgt Ion:	276	Resp:	7010
Ion Ratio	Lower	Upper	
276	100		
138	20.4	15.4	23.0
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampled :
BGEE3

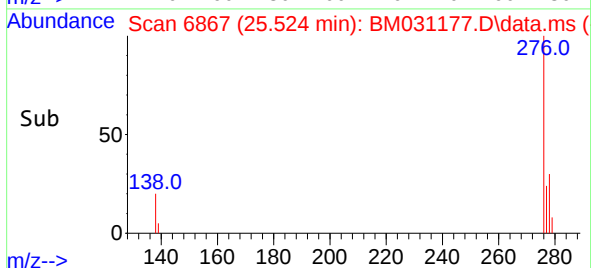
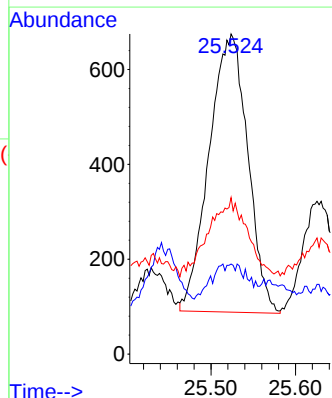
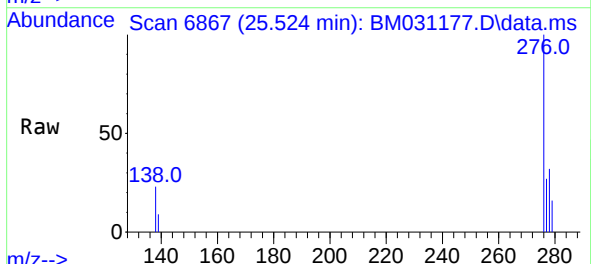
Manual Integrations
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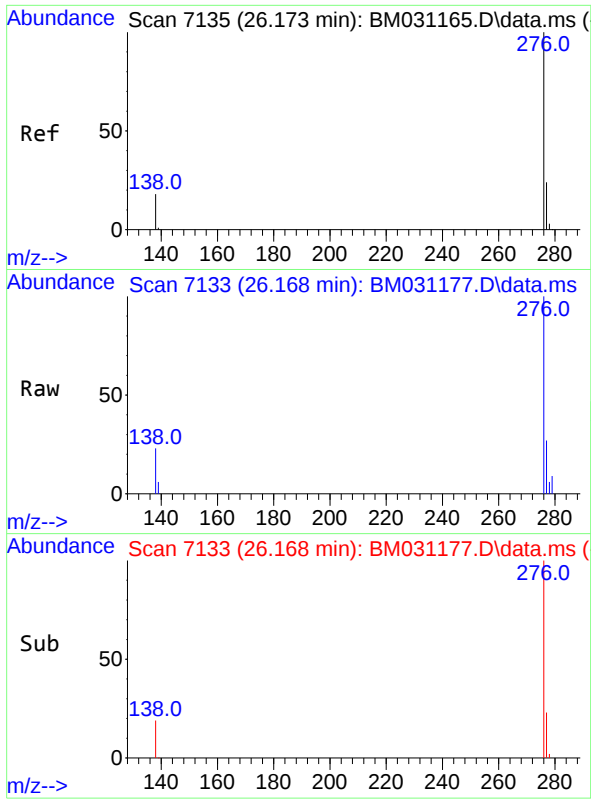
mohammad
7/27/2021 12:09:40 PM



#28
Dibenzo(a,h)anthracene
Concen: 0.054 ng/ul
RT: 25.524 min Scan# 6867
Delta R.T. -0.029 min
Lab File: BM031177.D
Acq: 26 Jul 2021 23:58

Tgt Ion:	278	Resp:	1865
Ion Ratio	Lower	Upper	
278	100		
139	28.1	12.6	18.8#
279	48.9	22.6	34.0#





#29

Benzo(g,h,i)perylene

Concen: 0.133 ng/ul

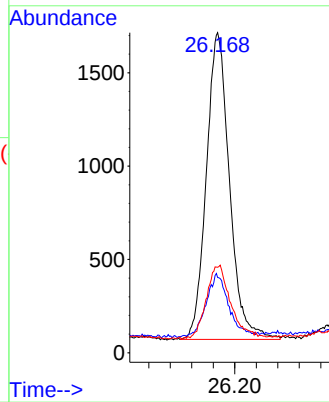
RT: 26.168 min Scan# 7133

Delta R.T. -0.024 min

Lab File: BM031177.D

Acq: 26 Jul 2021 23:58

Tgt Ion:	276	Resp:	4915
Ion	Ratio	Lower	Upper
276	100		
138	23.5	14.0	21.0#
277	26.7	19.9	29.9



Instrument :

BNA_M

ClientSampleId :

BGEE3

Manual Integrations

APPROVED

mohammad
7/27/2021 12:09:40 PM