

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
 Data File : BM031609.D
 Acq On : 09 Aug 2021 18:38
 Operator : CG/JU
 Sample : M3244-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JCE02

Manual Integrations
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Quant Time: Aug 10 02:54:45 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 : Tue Aug 10 02:43:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.580	152	1178	0.400	ng/ul	0.00
4) Naphthalene-d8	10.338	136	4387	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.212	164	2619	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	5072	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.159	240	3952	0.400	ng/ul	# 0.00
23) Perylene-d12	23.316	264	3730	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	2522	1.928	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.935	152	1706	0.231	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	3179	0.241	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.388	128	880	0.067	ng/ul#	83
7) 2-Methylnaphthalene	12.007	142	324	0.036	ng/ul	91
8) 1-Methylnaphthalene	12.227	142	188	0.021	ng/ul	99
10) Acenaphthylene	13.932	152	282	0.025	ng/ul#	35
15) Phenanthrene	17.002	178	994	0.062	ng/ul#	78
19) Fluoranthene	19.027	202	1082	0.064	ng/ul#	20
20) Pyrene	19.390	202	878	0.051	ng/ul#	19
21) Benzo(a)anthracene	21.142	228	434	0.027	ng/ul#	1
22) Chrysene	21.195	228	1435	0.087	ng/ul#	63
24) Benzo(b)fluoranthene	22.677	252	1029	0.061	ng/ul#	1
25) Benzo(k)fluoranthene	22.723	252	452m	0.026	ng/ul	
26) Benzo(a)pyrene	23.222	252	312	0.021	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.458	276	482	0.025	ng/ul#	57

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

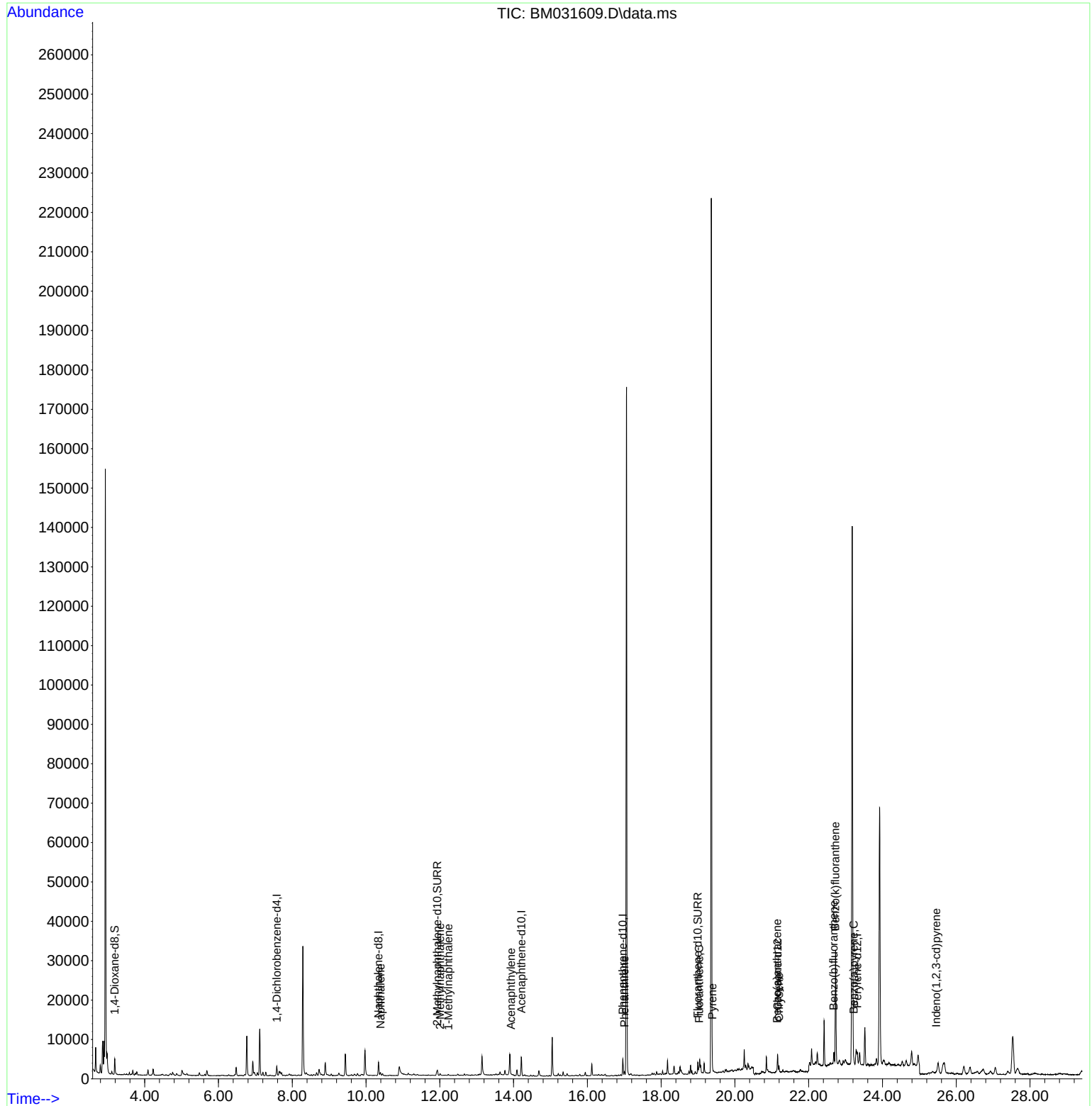
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Data File : BM031609.D
Acq On : 09 Aug 2021 18:38
Operator : CG/JU
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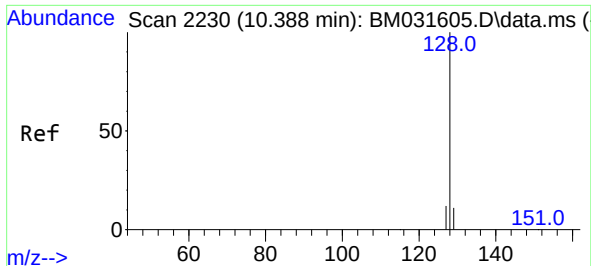
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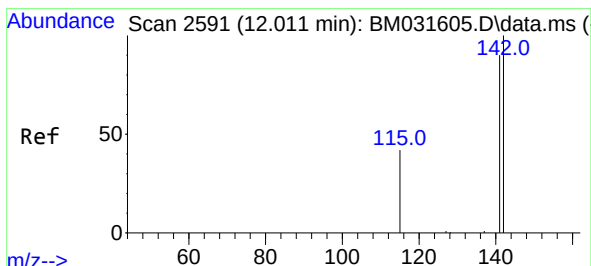
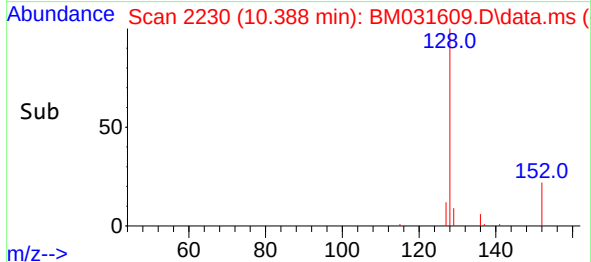
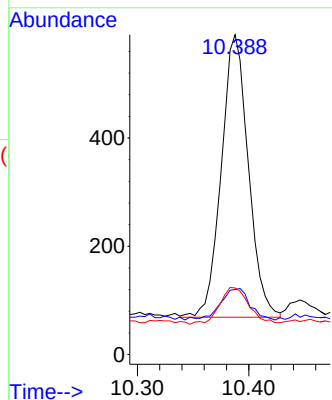
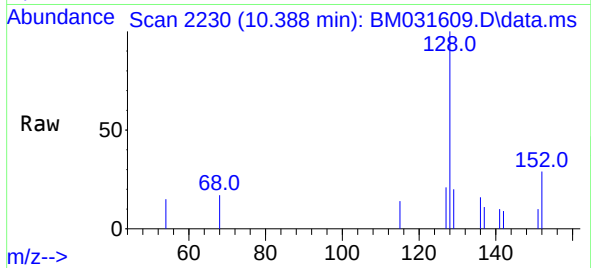
#5
Naphthalene
Concen: 0.067 ng/ul
RT: 10.388 min Scan# 2230
Delta R.T. -0.000 min
Lab File: BM031609.D
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Tgt Ion:	128	Resp:	880
Ion	Ratio	Lower	Upper
128	100		
129	20.3	10.0	15.0#
127	20.8	11.6	17.4#

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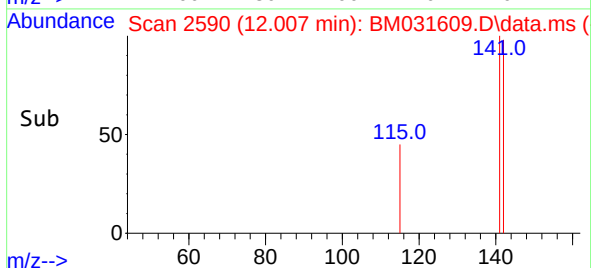
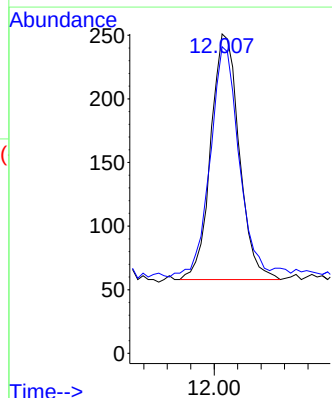
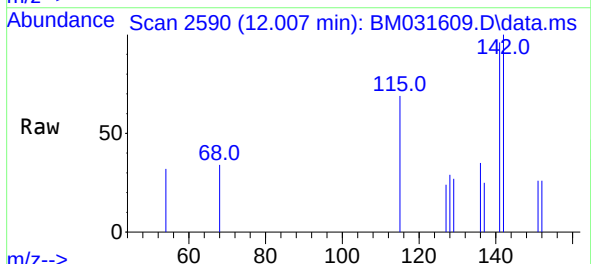
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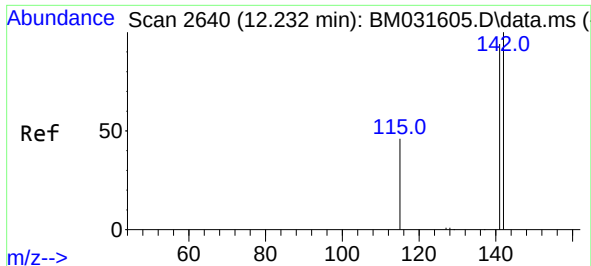
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#7
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.007 min Scan# 2590
Delta R.T. -0.005 min
Lab File: BM031609.D
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Tgt Ion:	142	Resp:	324
Ion	Ratio	Lower	Upper
142	100		
141	97.2	71.4	107.0





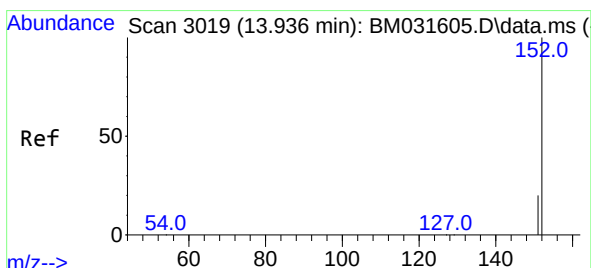
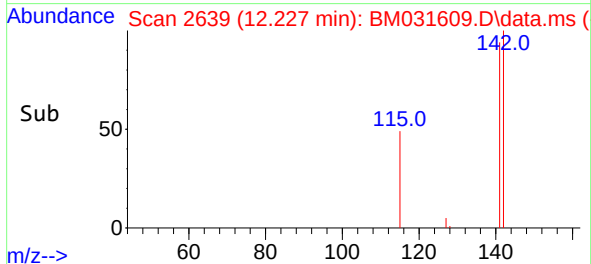
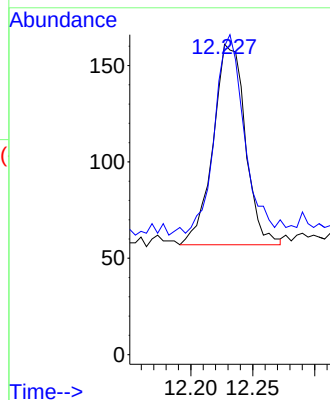
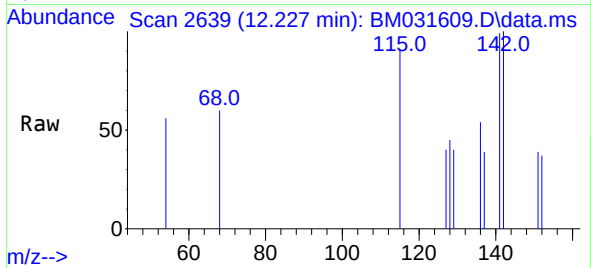
#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.227 min Scan# 2639
Delta R.T. -0.005 min
Lab File: BM031609.D
Acq: 09 Aug 2021 18:38

Tgt Ion:142 Resp: 188
Ion Ratio Lower Upper
142 100
141 91.5 74.1 111.1

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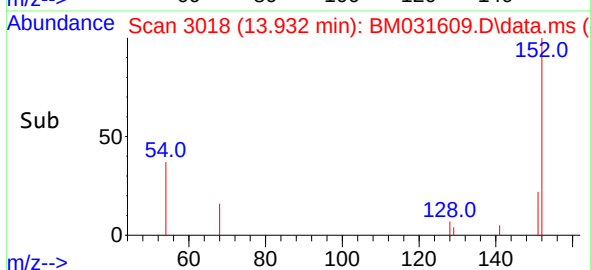
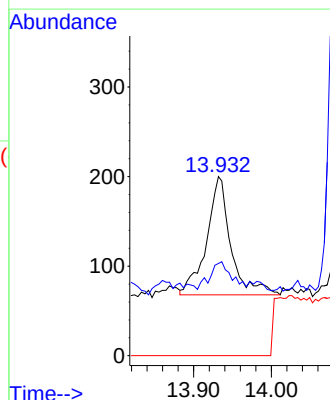
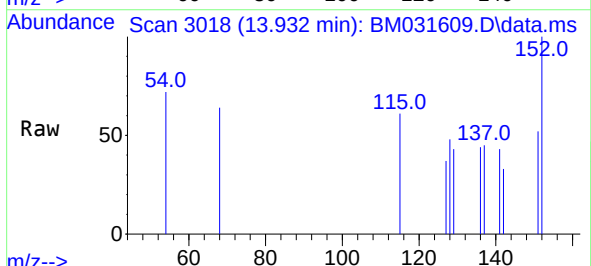
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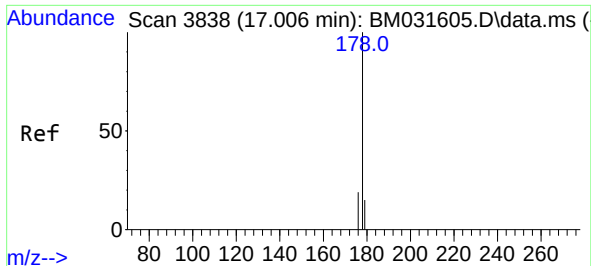
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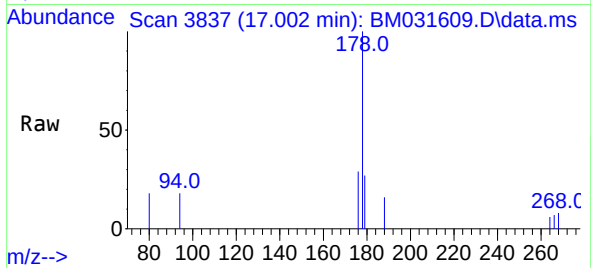
#10
Acenaphthylene
Concen: 0.025 ng/ul
RT: 13.932 min Scan# 3018
Delta R.T. -0.000 min
Lab File: BM031609.D
Acq: 09 Aug 2021 18:38

Tgt Ion:152 Resp: 282
Ion Ratio Lower Upper
152 100
151 51.5 16.9 25.3#
153 0.0 0.0 0.0

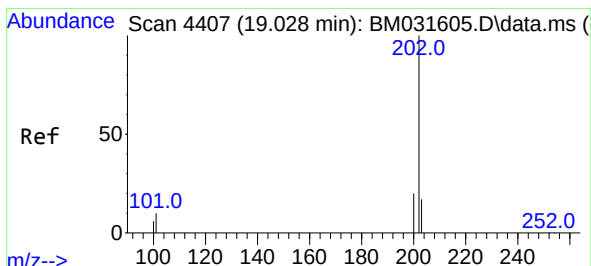
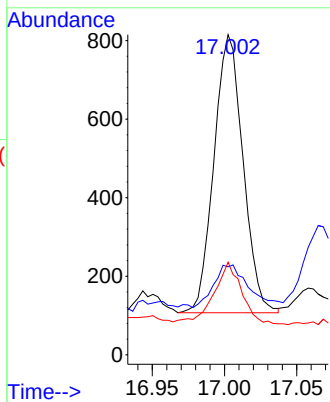
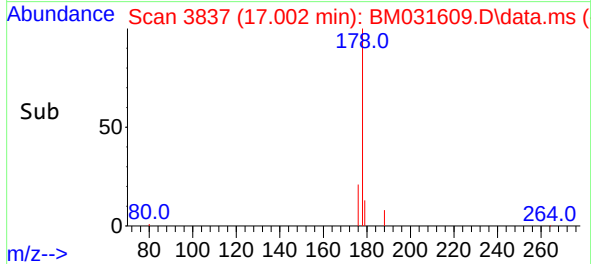




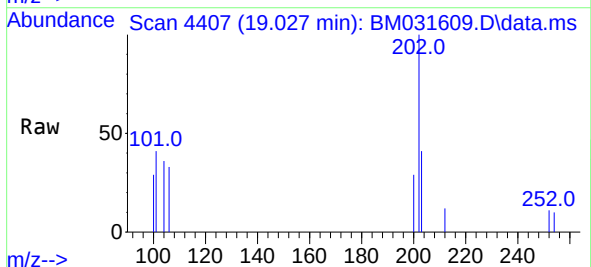
#15
Phenanthrene
Concen: 0.062 ng/ul
RT: 17.002 min Scan# 3837
Delta R.T. -0.007 min
Lab File: BM031609.D
Acq: 09 Aug 2021 18:38



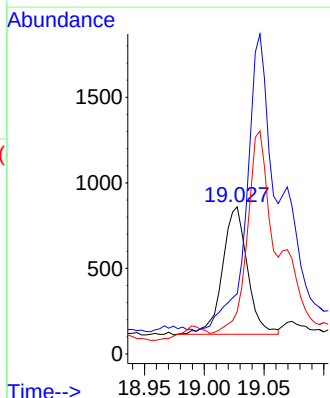
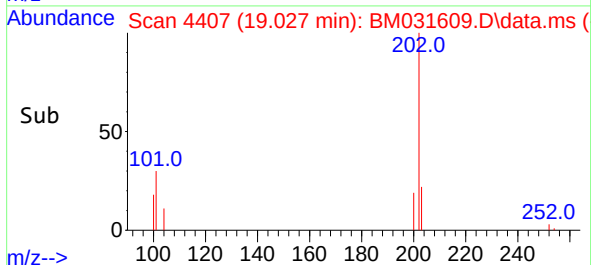
Tgt Ion:178 Resp: 994
Ion Ratio Lower Upper
178 100
179 27.5 13.3 19.9#
176 29.0 16.2 24.4#



#19
Fluoranthene
Concen: 0.064 ng/ul
RT: 19.027 min Scan# 4407
Delta R.T. -0.000 min
Lab File: BM031609.D
Acq: 09 Aug 2021 18:38



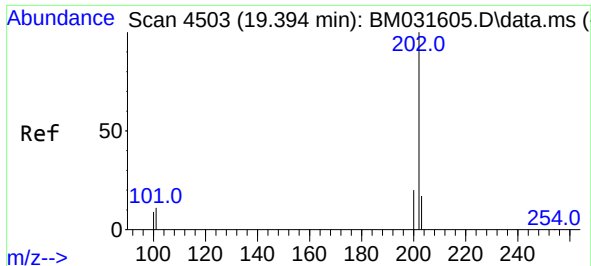
Tgt Ion:202 Resp: 1082
Ion Ratio Lower Upper
202 100
101 41.1 6.6 10.0#
100 29.0 5.4 8.0#



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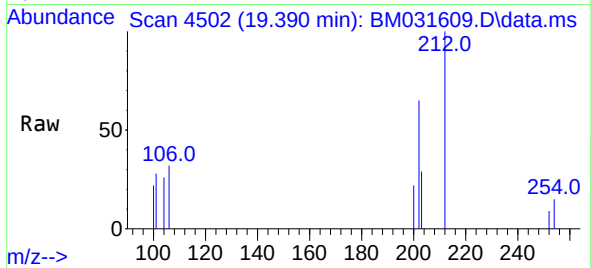
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#20
Pyrene
Concen: 0.051 ng/ul
RT: 19.390 min Scan# 4502
Delta R.T. -0.004 min
Lab File: BM031609.D
Acq: 09 Aug 2021 18:38

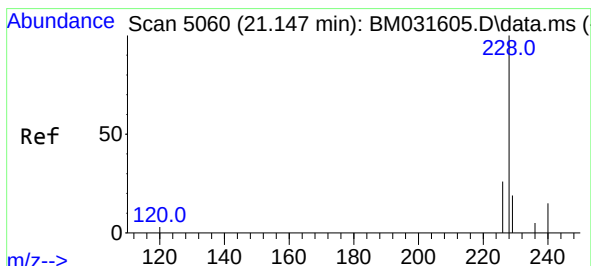
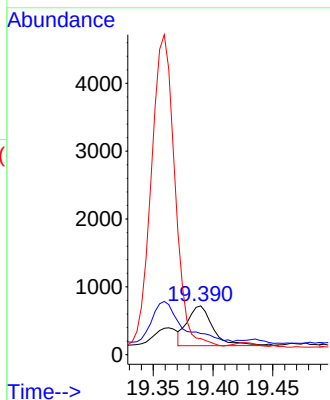
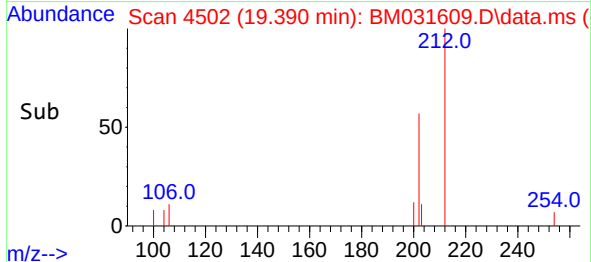
Instrument :
BNA_M
ClientSampled :
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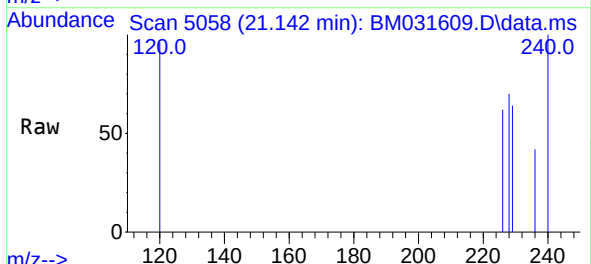
Tgt Ion:202 Resp: 878
Ion Ratio Lower Upper
202 100
101 43.2 7.8 11.6#
100 32.9 6.6 10.0#

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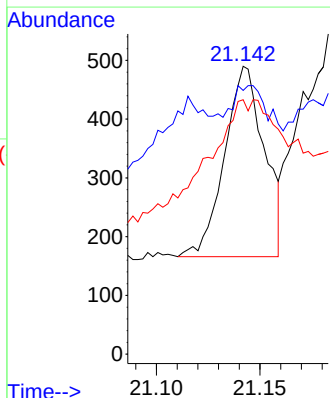
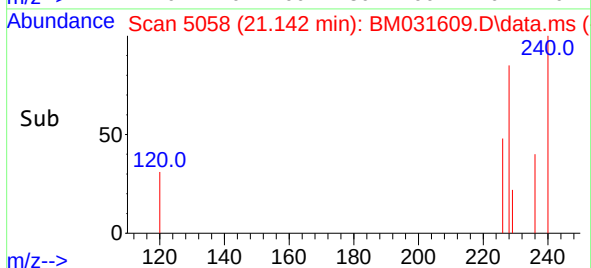
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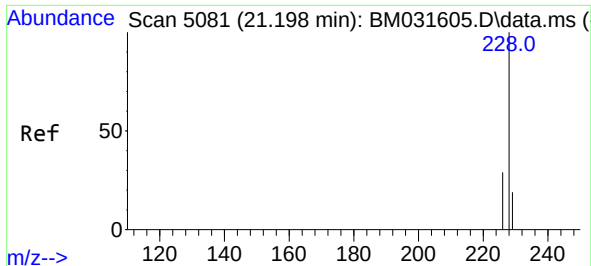


#21
Benzo(a)anthracene
Concen: 0.027 ng/ul
RT: 21.142 min Scan# 5058
Delta R.T. -0.005 min
Lab File: BM031609.D
Acq: 09 Aug 2021 18:38

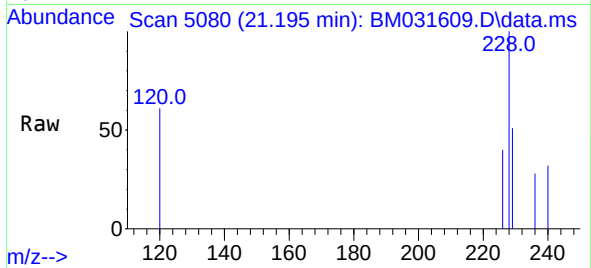


Tgt Ion:228 Resp: 434
Ion Ratio Lower Upper
228 100
229 91.6 15.6 23.4#
226 88.4 21.7 32.5#

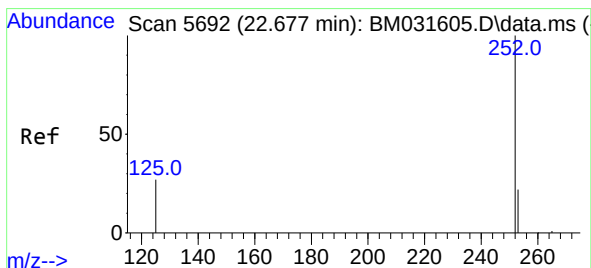
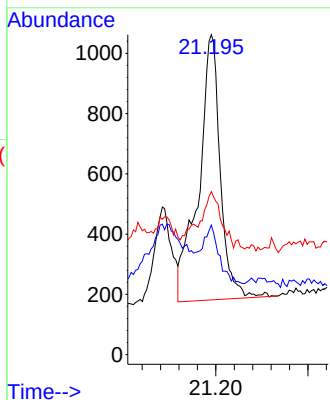
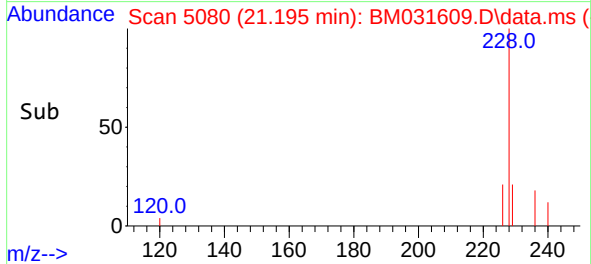




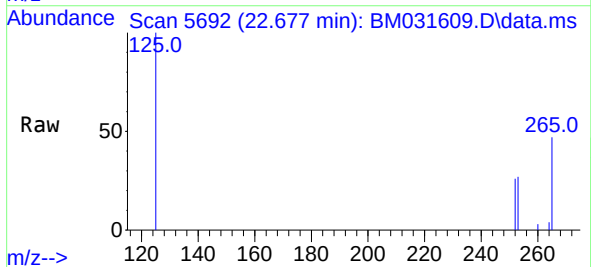
#22
Chrysene
Concen: 0.087 ng/ul
RT: 21.195 min Scan# 5080
Delta R.T. -0.000 min
Lab File: BM031609.D
Acq: 09 Aug 2021 18:38



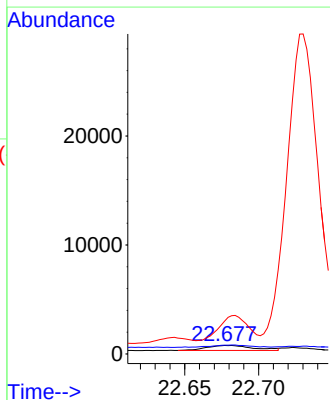
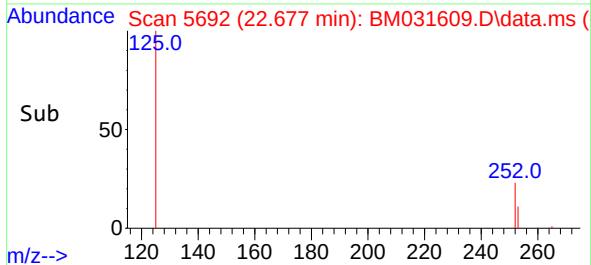
Tgt Ion:228 Resp: 1435
Ion Ratio Lower Upper
228 100
226 40.5 24.7 37.1#
229 50.9 16.2 24.2#



#24
Benzo(b)fluoranthene
Concen: 0.061 ng/ul
RT: 22.677 min Scan# 5692
Delta R.T. -0.000 min
Lab File: BM031609.D
Acq: 09 Aug 2021 18:38



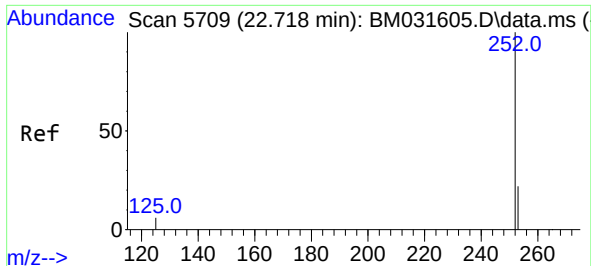
Tgt Ion:252 Resp: 1029
Ion Ratio Lower Upper
252 100
253 104.9 0.0 53.0#
125 385.5 0.0 22.8#



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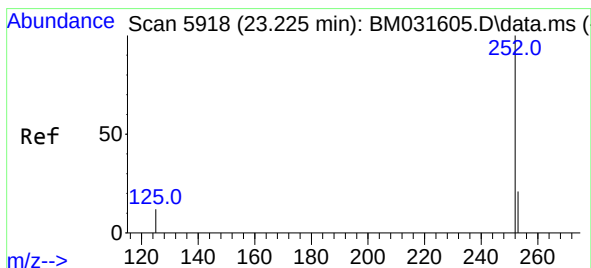
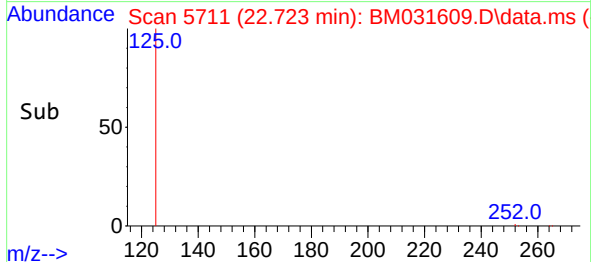
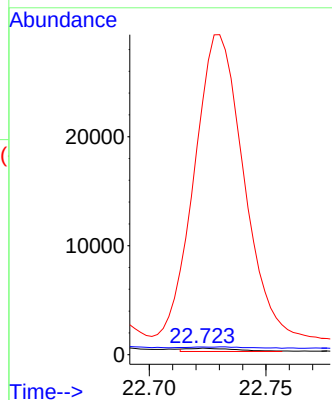
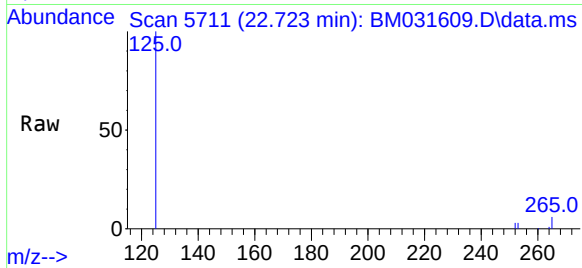
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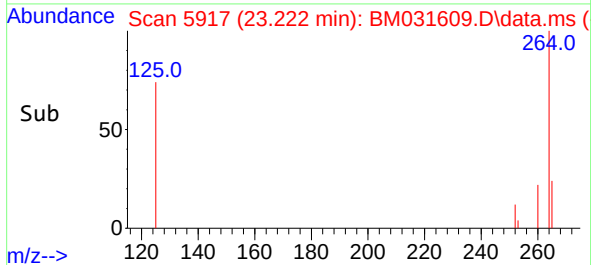
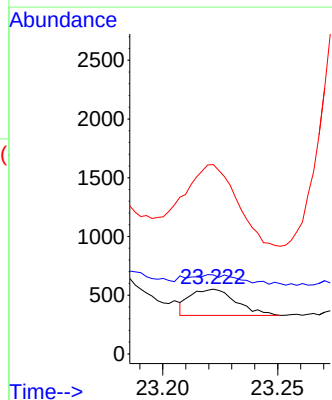
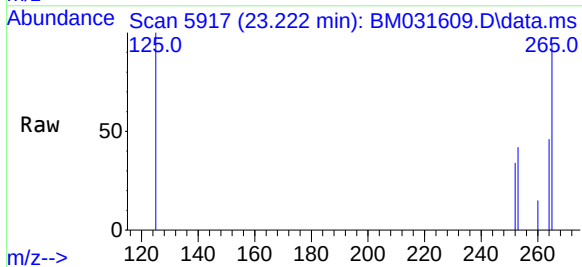
#25
Benzo(k)fluoranthene
Concen: 0.026 ng/ul m
RT: 22.723 min Scan# 5711
Delta R.T. 0.002 min
Lab File: BM031609.D
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Tgt Ion:252 Resp: 452
Ion Ratio Lower Upper
252 100
253 118.3 21.3 31.9#
125 3898.2 8.8 13.2#



#26
Benzo(a)pyrene
Concen: 0.021 ng/ul
RT: 23.222 min Scan# 5917
Delta R.T. -0.003 min
Lab File: BM031609.D
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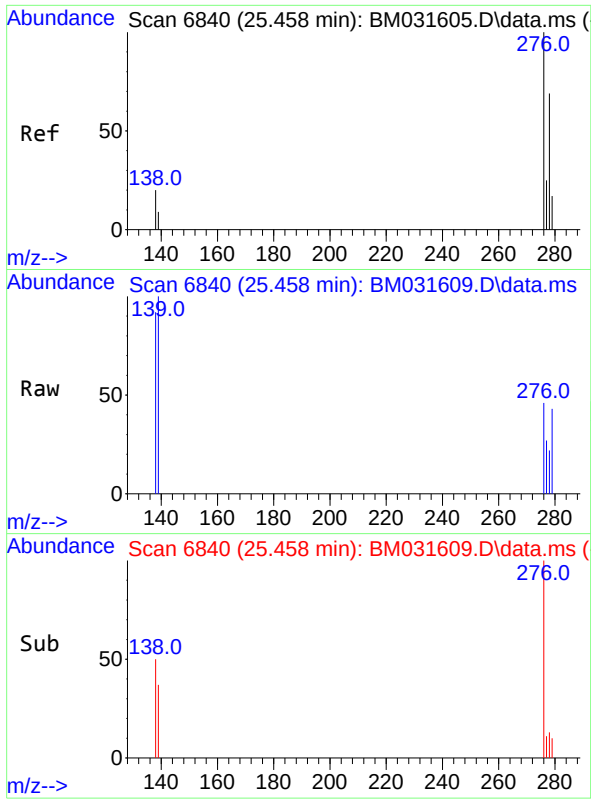
Tgt Ion:252 Resp: 312
Ion Ratio Lower Upper
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253 121.7 22.4 33.6#
125 292.2 13.0 19.4#



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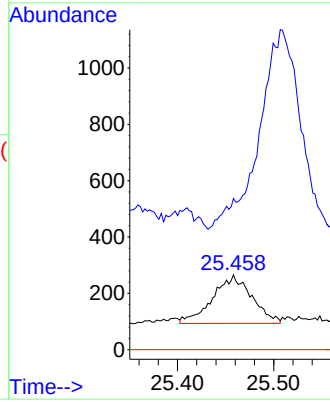
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.025 ng/ul
RT: 25.458 min Scan# 6840
Delta R.T. 0.005 min
Lab File: BM031609.D
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	15.8	23.8#
227	0.0	0.0	0.0



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