

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031320.D
 Acq On : 31 Jul 2021 20:01
 Operator : CG/JU
 Sample : M3091-12DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0050DL

Manual Integrations
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Quant Time: Aug 02 01:13:21 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 : Fri Jul 30 14:16:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.604	152	1535	0.400	ng/ul	0.00
4) Naphthalene-d8	10.369	136	6084	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.235	164	3794	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.985	188	7499	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.173	240	6133	0.400	ng/ul	# 0.00
23) Perylene-d12	23.338	264	5519	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	881	0.517	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.961	152	373	0.036	ng/ul	0.00
18) Fluoranthene-d10	19.012	212	787	0.038	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.418	128	9218	0.509	ng/ul	99
7) 2-Methylnaphthalene	12.037	142	9379	0.758	ng/ul	100
8) 1-Methylnaphthalene	12.258	142	6543	0.535	ng/ul	100
10) Acenaphthylene	13.958	152	1405	0.087	ng/ul#	87
11) Acenaphthene	14.299	153	848	0.062	ng/ul	96
12) Fluorene	15.289	166	1069	0.068	ng/ul#	77
15) Phenanthrene	17.023	178	23244	0.976	ng/ul	98
16) Anthracene	17.117	178	3819	0.171	ng/ul	96
19) Fluoranthene	19.046	202	25024	0.956	ng/ul	97
20) Pyrene	19.408	202	23574	0.888	ng/ul	96
21) Benzo(a)anthracene	21.159	228	14323	0.578	ng/ul#	94
22) Chrysene	21.209	228	17997m	0.702	ng/ul	
24) Benzo(b)fluoranthene	22.696	252	18425m	0.741	ng/ul	
25) Benzo(k)fluoranthene	22.732	252	5661m	0.220	ng/ul	
26) Benzo(a)pyrene	23.244	252	11834	0.543	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.482	276	7536	0.268	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.487	278	2670	0.118	ng/ul#	60
29) Benzo(g,h,i)perylene	26.132	276	6813	0.284	ng/ul#	92

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

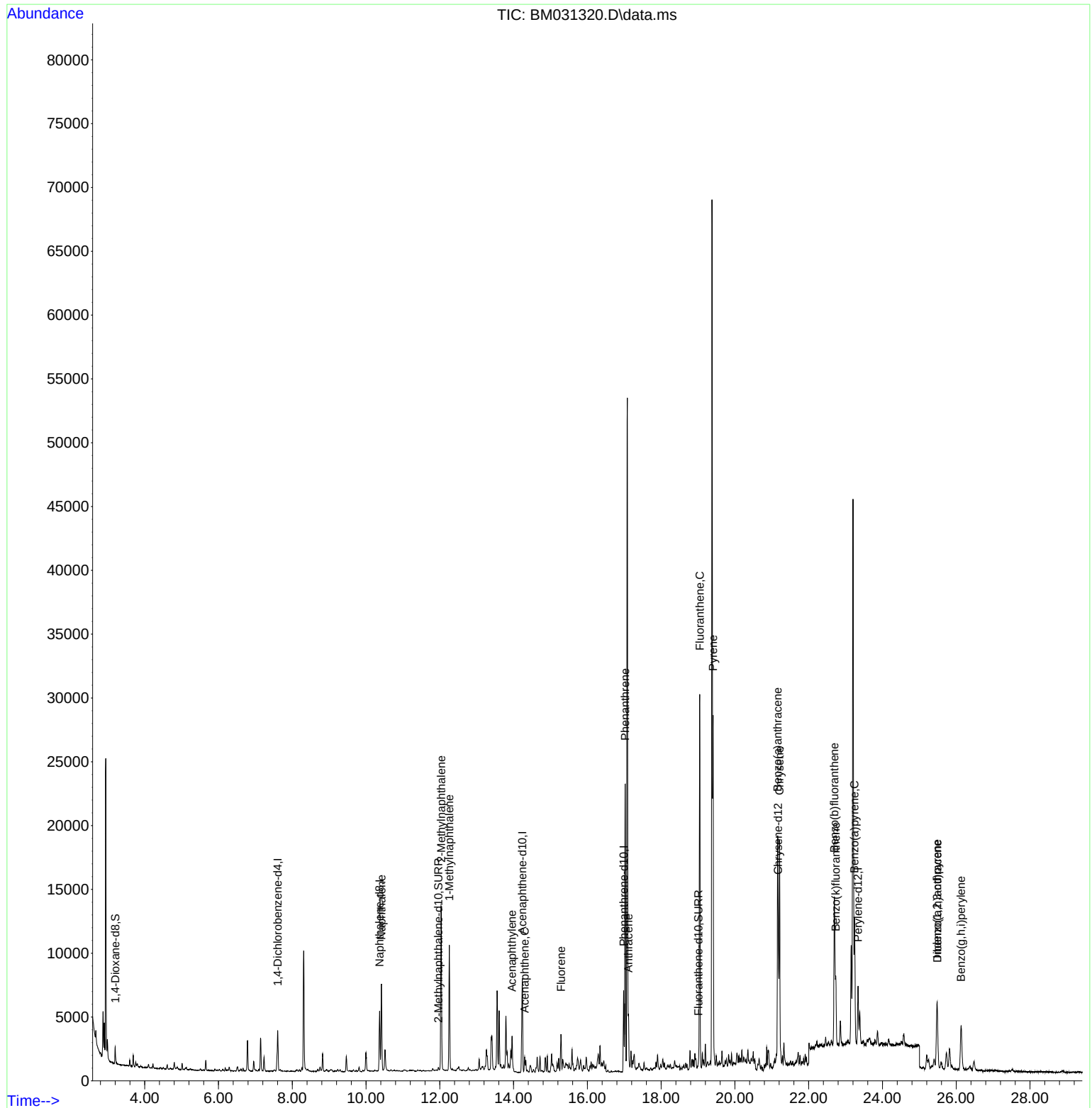
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Data File : BM031320.D
Acq On : 31 Jul 2021 20:01
Operator : CG/JU
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ALS Vial : 16 Sample Multiplier: 1

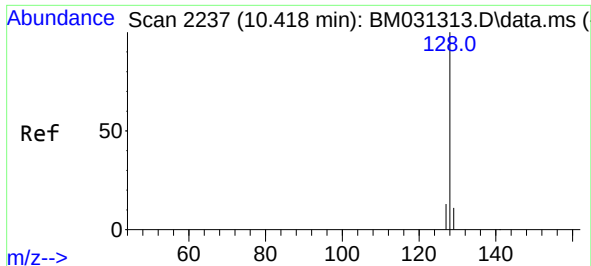
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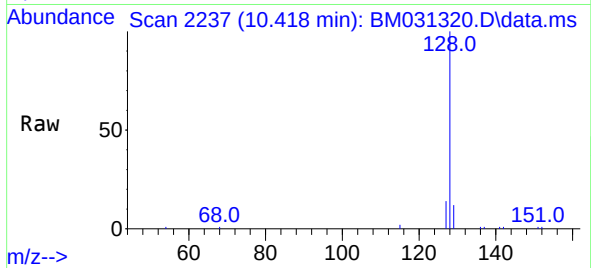
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Quant Time: Aug 02 01:13:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration



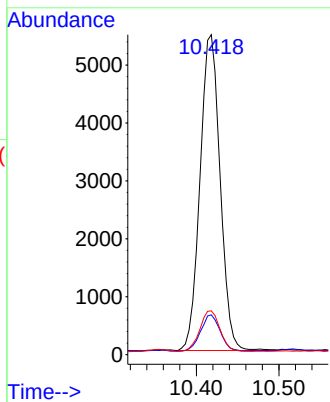
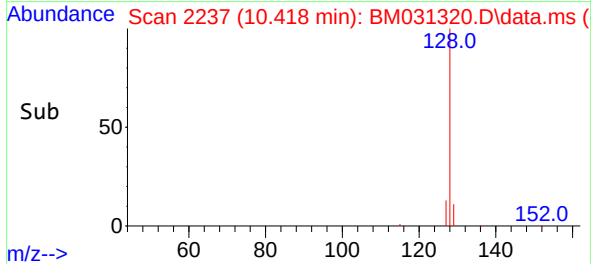


#5
Naphthalene
Concen: 0.509 ng/ul
RT: 10.418 min Scan# 2237
Delta R.T. -0.004 min
Lab File: BM031320.D
Acq: 31 Jul 2021 20:01



Tgt Ion:128 Resp: 9218

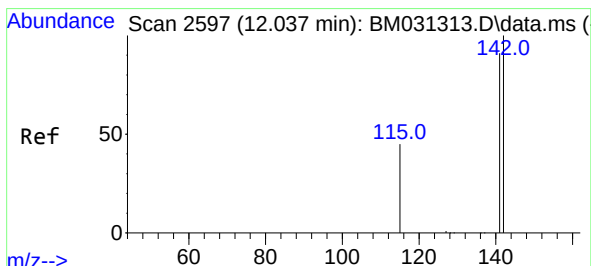
Ion	Ratio	Lower	Upper
128	100		
129	12.5	10.0	15.0
127	13.7	11.6	17.4



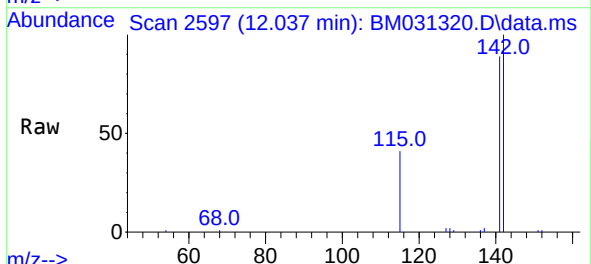
Instrument :
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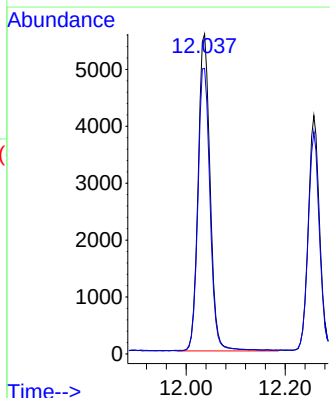
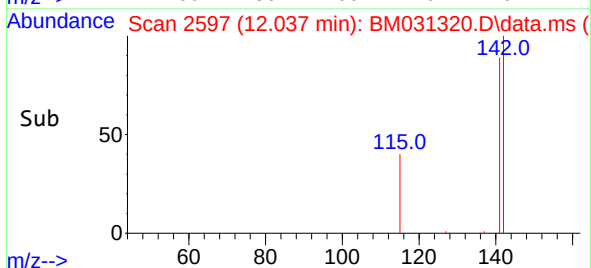


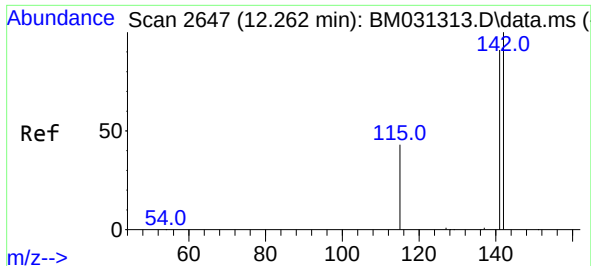
#7
2-Methylnaphthalene
Concen: 0.758 ng/ul
RT: 12.037 min Scan# 2597
Delta R.T. -0.004 min
Lab File: BM031320.D
Acq: 31 Jul 2021 20:01



Tgt Ion:142 Resp: 9379

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.0





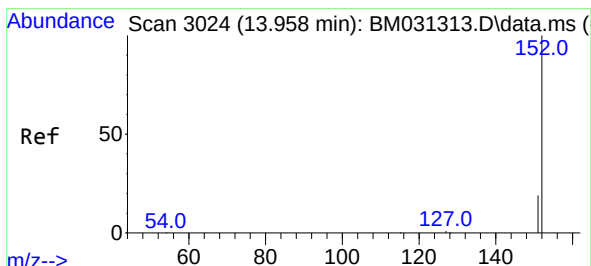
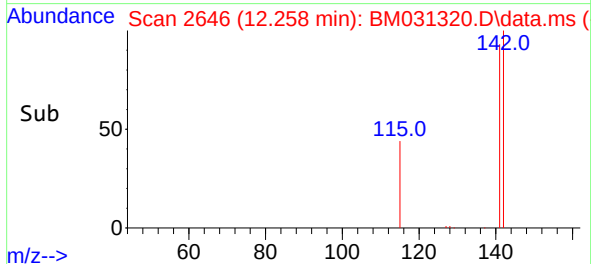
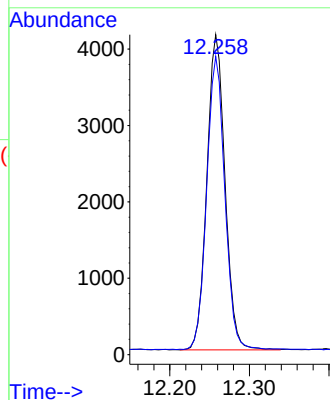
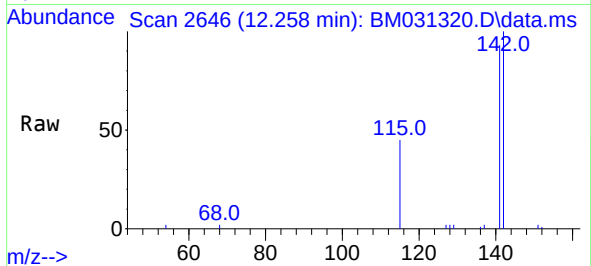
#8
1-Methylnaphthalene
Concen: 0.535 ng/ul
RT: 12.258 min Scan# 2646
Delta R.T. -0.009 min
Lab File: BM031320.D
Acq: 31 Jul 2021 20:01

Tgt Ion:142 Resp: 6543
Ion Ratio Lower Upper
142 100
141 92.9 74.1 111.1

Instrument :
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ClientSampled :
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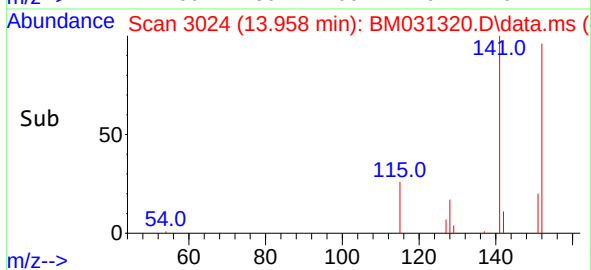
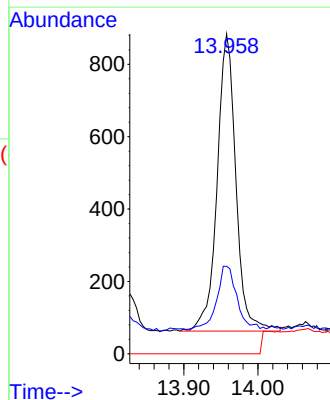
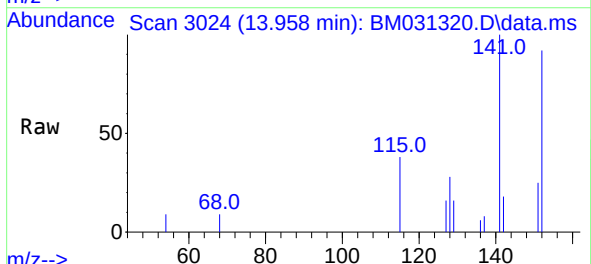
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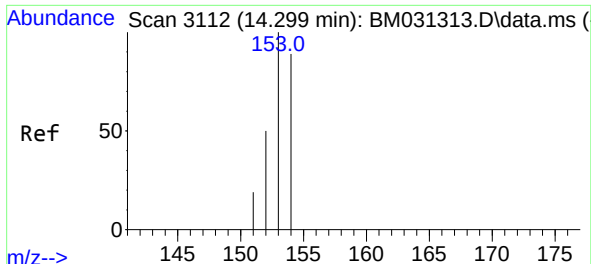
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#10
Acenaphthylene
Concen: 0.087 ng/ul
RT: 13.958 min Scan# 3024
Delta R.T. -0.004 min
Lab File: BM031320.D
Acq: 31 Jul 2021 20:01

Tgt Ion:152 Resp: 1405
Ion Ratio Lower Upper
152 100
151 27.4 16.9 25.3#
153 0.0 0.0 0.0





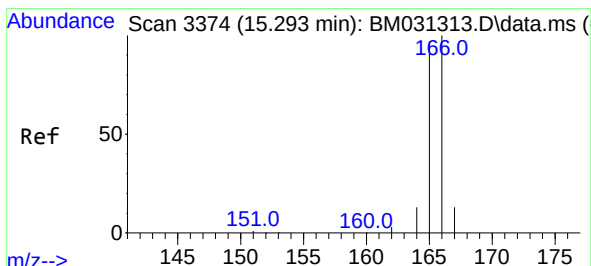
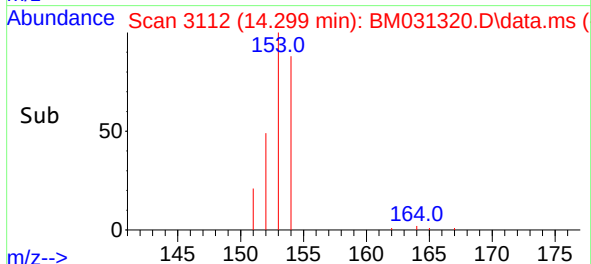
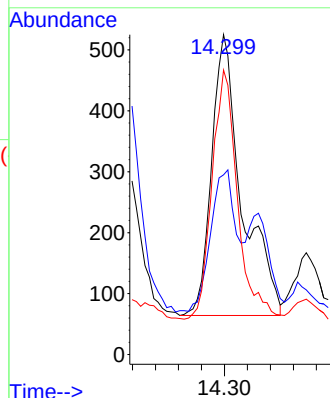
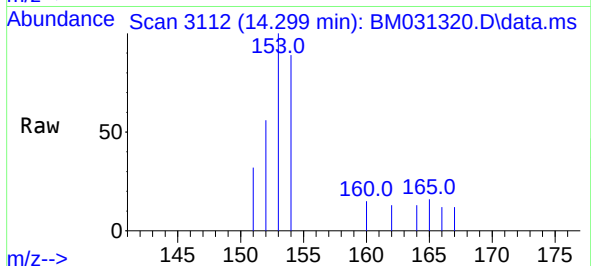
#11
Acenaphthene
Concen: 0.062 ng/u1
RT: 14.299 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BM031320.D
Acq: 31 Jul 2021 20:01

Tgt Ion:	153	Resp:	848
Ion Ratio	Lower	Upper	
153	100		
152	56.2	40.7	61.1
154	89.0	70.2	105.2

Instrument :
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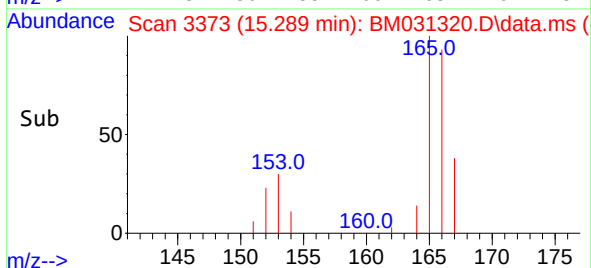
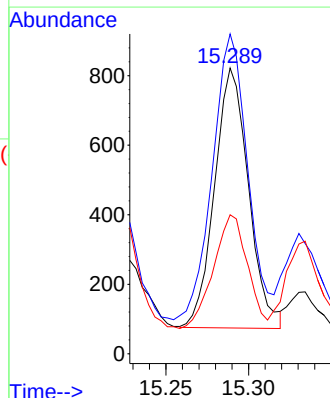
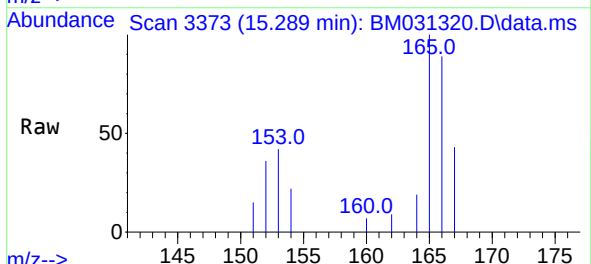
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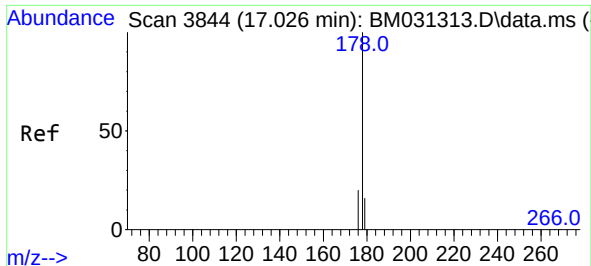
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#12
Fluorene
Concen: 0.068 ng/u1
RT: 15.289 min Scan# 3373
Delta R.T. -0.008 min
Lab File: BM031320.D
Acq: 31 Jul 2021 20:01

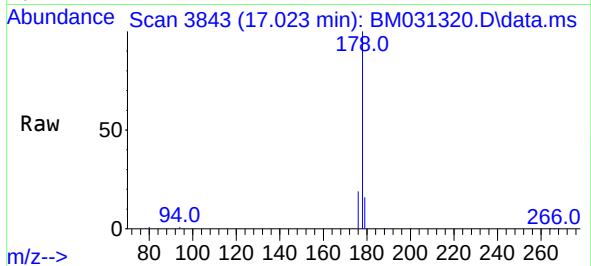
Tgt Ion:	166	Resp:	1069
Ion Ratio	Lower	Upper	
166	100		
165	111.9	78.0	117.0
167	48.7	12.0	18.0





#15
Phenanthrene
Concen: 0.976 ng/ul
RT: 17.023 min Scan# 3843
Delta R.T. -0.007 min
Lab File: BM031320.D
Acq: 31 Jul 2021 20:01

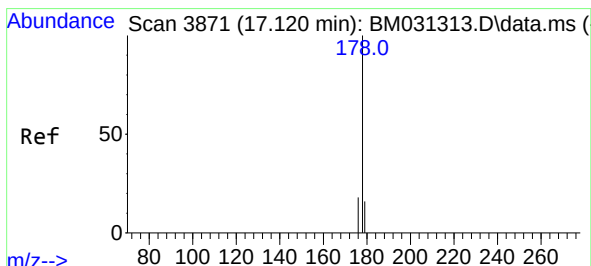
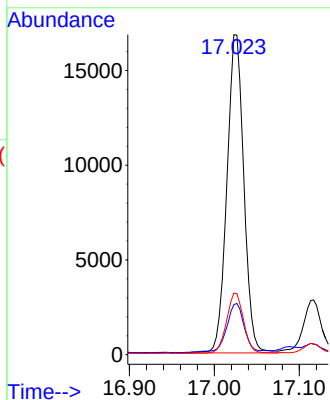
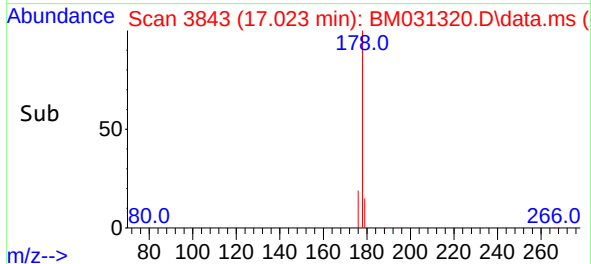
Instrument :
BNA_M
ClientSampled :
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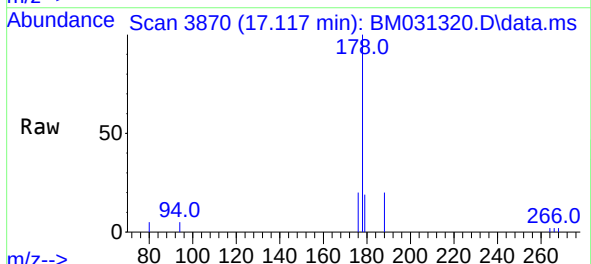
Tgt Ion:178 Resp: 23244
Ion Ratio Lower Upper
178 100
179 15.7 13.3 19.9
176 19.3 16.2 24.4

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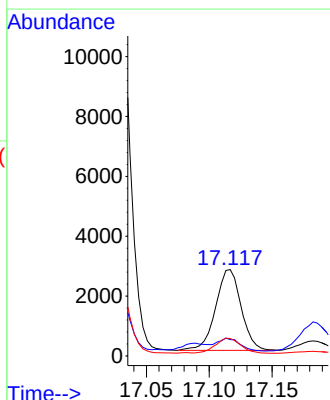
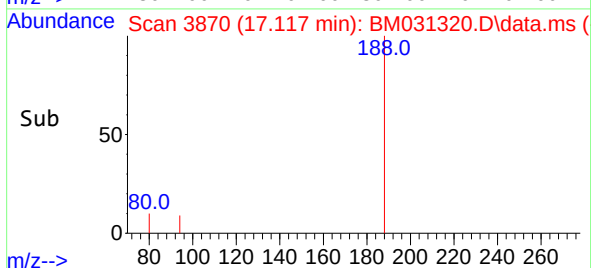
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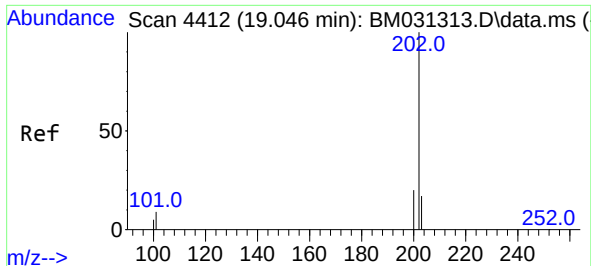


#16
Anthracene
Concen: 0.171 ng/ul
RT: 17.117 min Scan# 3870
Delta R.T. -0.003 min
Lab File: BM031320.D
Acq: 31 Jul 2021 20:01

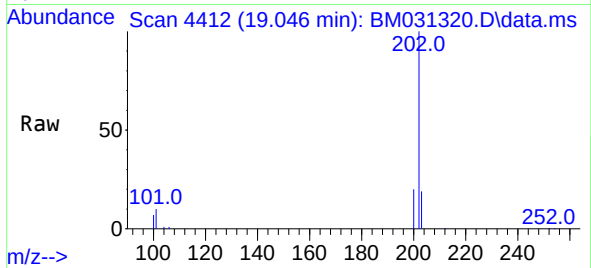


Tgt Ion:178 Resp: 3819
Ion Ratio Lower Upper
178 100
179 19.0 13.0 19.6
176 20.1 15.6 23.4

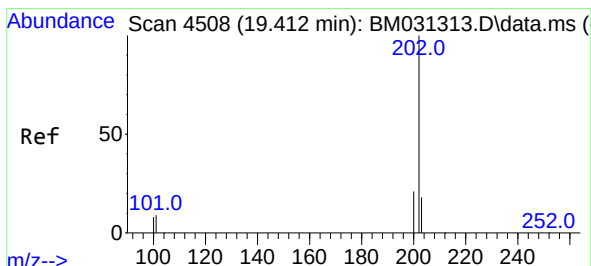
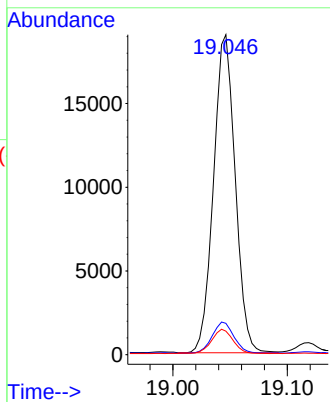
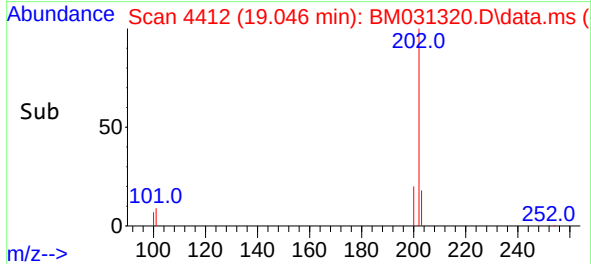




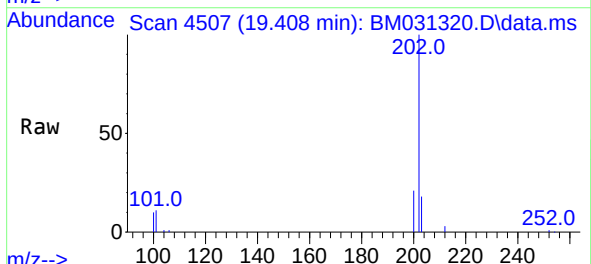
#19
Fluoranthene
Concen: 0.956 ng/u1
RT: 19.046 min Scan# 4412
Delta R.T. -0.004 min
Lab File: BM031320.D
Acq: 31 Jul 2021 20:01



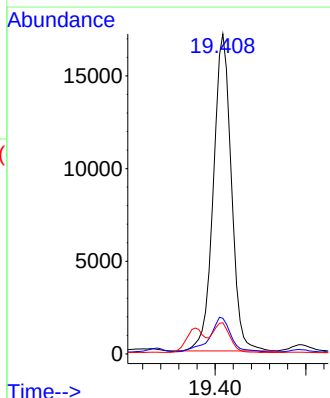
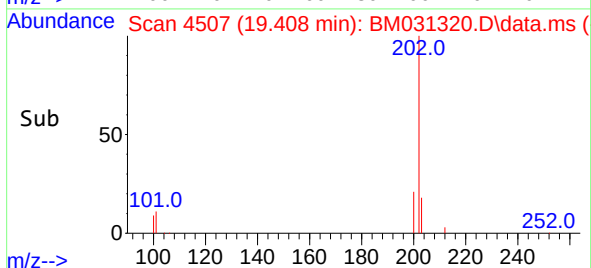
Tgt Ion:	202	Resp:	25024
Ion Ratio	Lower	Upper	
202	100		
101	9.8	6.6	10.0
100	7.3	5.4	8.0



#20
Pyrene
Concen: 0.888 ng/u1
RT: 19.408 min Scan# 4507
Delta R.T. -0.004 min
Lab File: BM031320.D
Acq: 31 Jul 2021 20:01



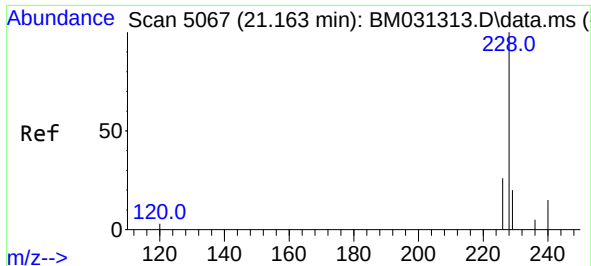
Tgt Ion:	202	Resp:	23574
Ion Ratio	Lower	Upper	
202	100		
101	11.1	7.8	11.6
100	9.8	6.6	10.0



Instrument :
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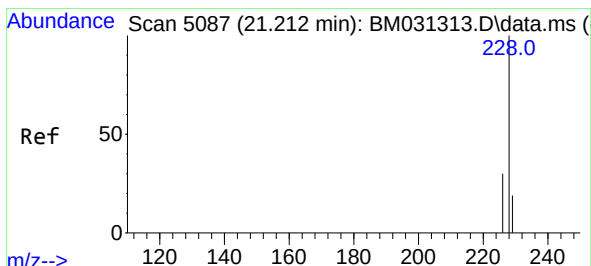
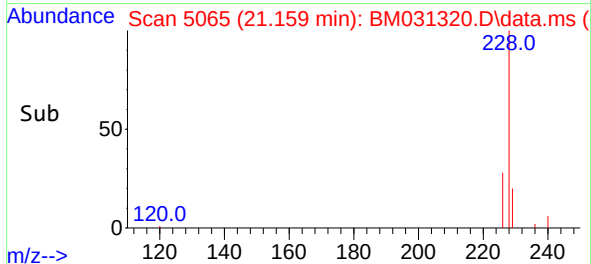
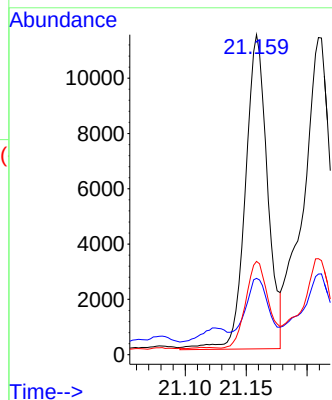
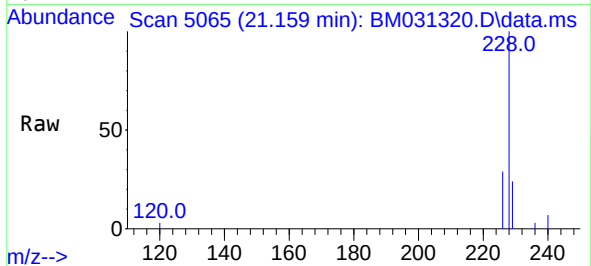
#21
Benzo(a)anthracene
Concen: 0.578 ng/ul
RT: 21.159 min Scan# 5065
Delta R.T. -0.002 min
Lab File: BM031320.D
Acq: 31 Jul 2021 20:01

Tgt Ion:228 Resp: 14323
Ion Ratio Lower Upper
228 100
229 23.8 15.6 23.4#
226 29.1 21.7 32.5

Instrument :
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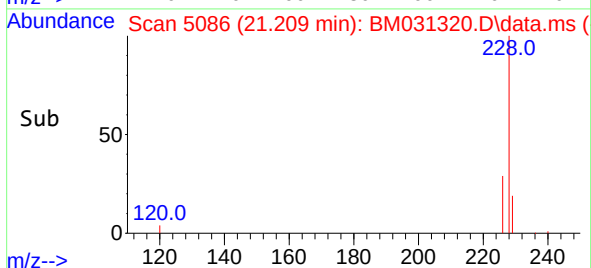
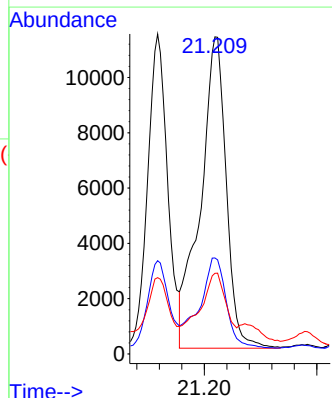
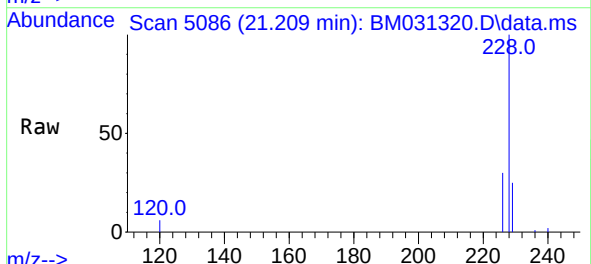
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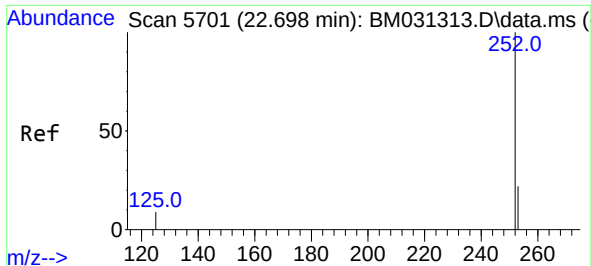
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#22
Chrysene
Concen: 0.702 ng/ul m
RT: 21.209 min Scan# 5086
Delta R.T. -0.005 min
Lab File: BM031320.D
Acq: 31 Jul 2021 20:01

Tgt Ion:228 Resp: 17997
Ion Ratio Lower Upper
228 100
226 30.3 24.7 37.1
229 25.4 16.2 24.2#





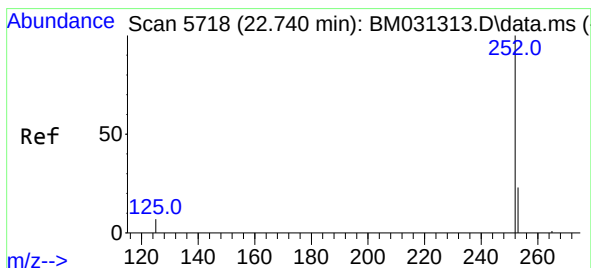
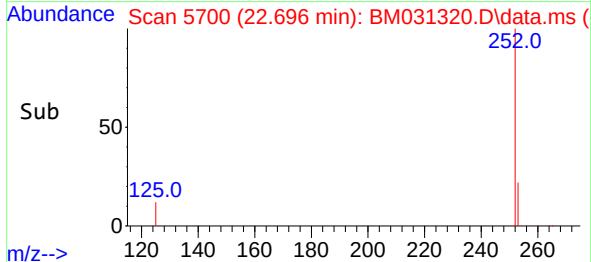
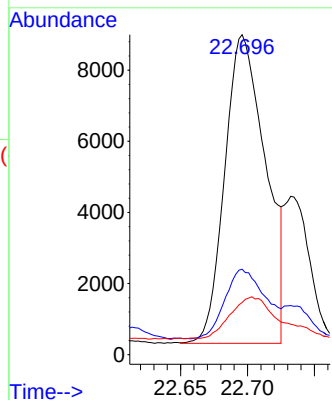
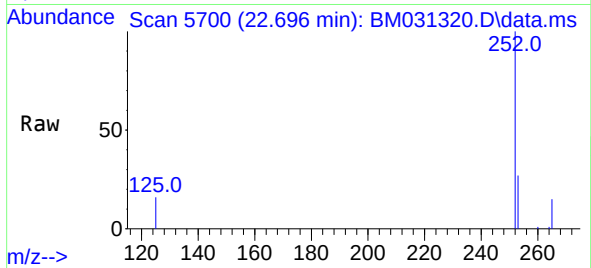
#24
Benzo(b)fluoranthene
Concen: 0.741 ng/ul m
RT: 22.696 min Scan# 5700
Delta R.T. -0.002 min
Lab File: BM031320.D
Acq: 31 Jul 2021 20:01

Tgt Ion:	252	Resp:	18425
Ion Ratio	Lower	Upper	
252	100		
253	26.7	0.0	53.0
125	16.3	0.0	22.8

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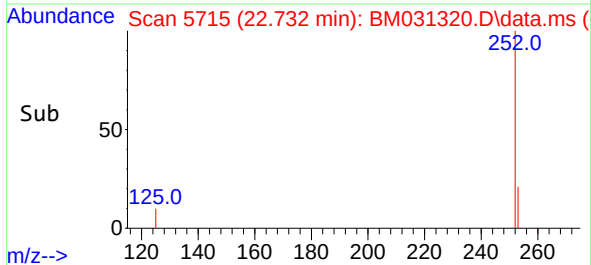
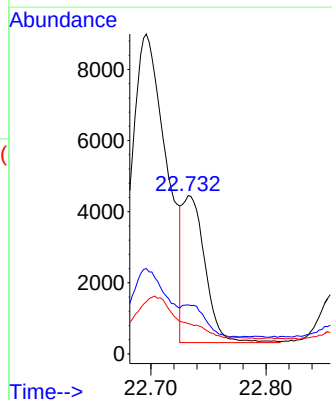
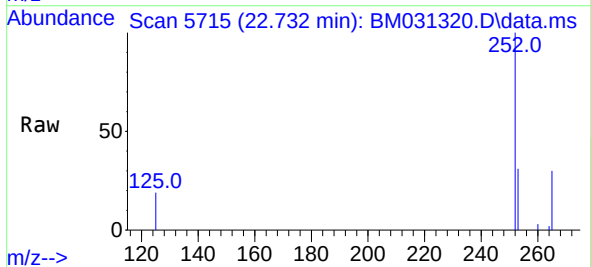
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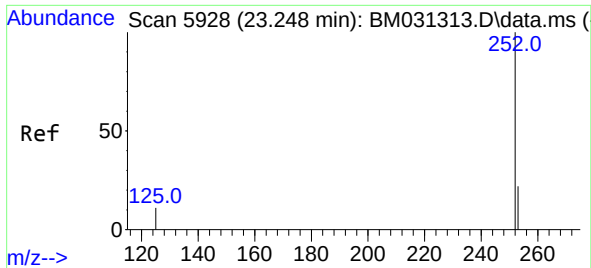
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#25
Benzo(k)fluoranthene
Concen: 0.220 ng/ul m
RT: 22.732 min Scan# 5715
Delta R.T. -0.007 min
Lab File: BM031320.D
Acq: 31 Jul 2021 20:01

Tgt Ion:	252	Resp:	5661
Ion Ratio	Lower	Upper	
252	100		
253	31.0	21.3	31.9
125	19.1	8.8	13.2#





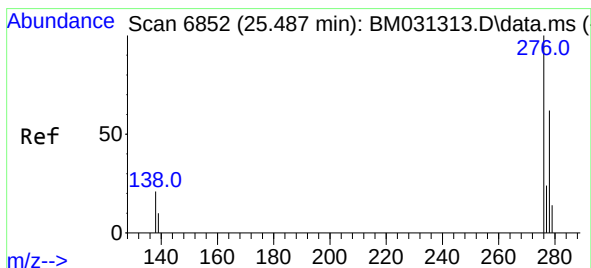
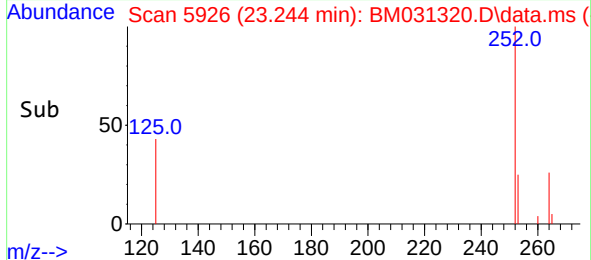
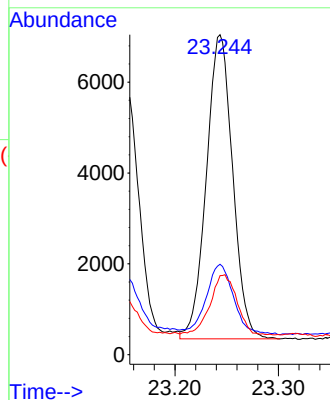
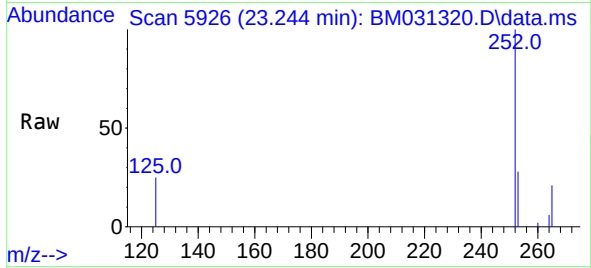
#26
Benzo(a)pyrene
Concen: 0.543 ng/ul
RT: 23.244 min Scan# 5926
Delta R.T. -0.005 min
Lab File: BM031320.D
Acq: 31 Jul 2021 20:01

Tgt Ion:	252	Resp:	11834
Ion Ratio	Lower	Upper	
252	100		
253	28.3	22.4	33.6
125	24.7	13.0	19.4#

Instrument :
BNA_M
ClientSampled :
C0050DL

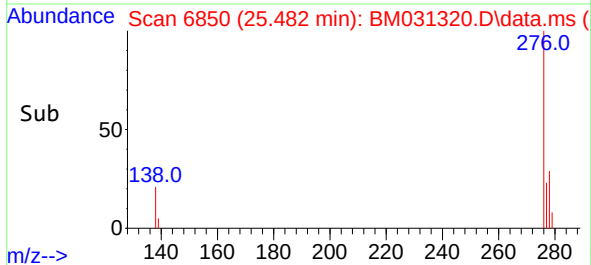
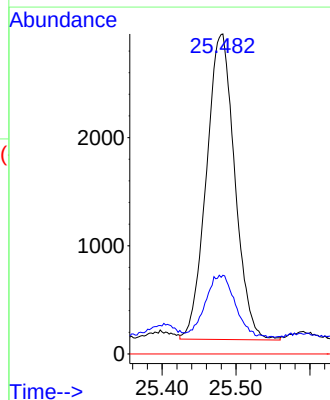
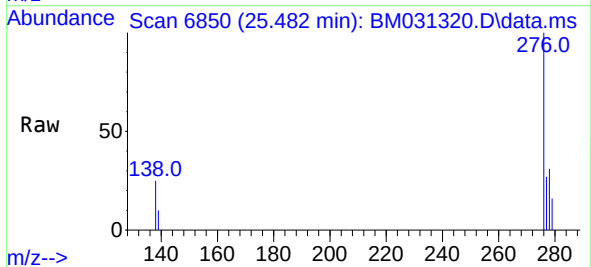
Manual Integrations
APPROVED

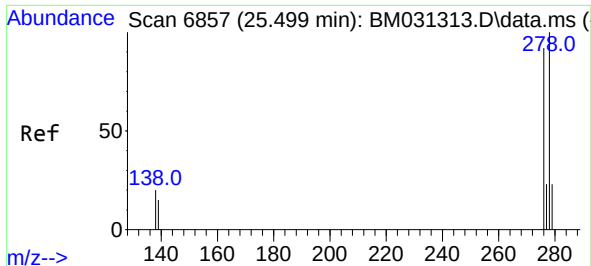
mohammad
8/2/2021 3:41:48 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.268 ng/ul
RT: 25.482 min Scan# 6850
Delta R.T. -0.007 min
Lab File: BM031320.D
Acq: 31 Jul 2021 20:01

Tgt Ion:	276	Resp:	7536
Ion Ratio	Lower	Upper	
276	100		
138	20.2	15.8	23.8
227	0.0	0.0	0.0





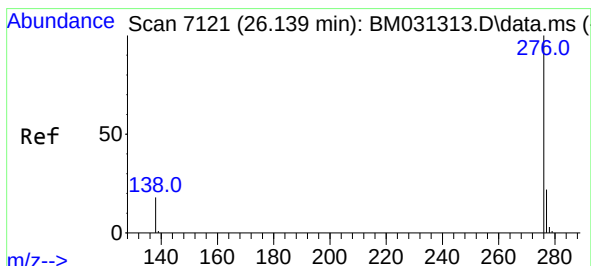
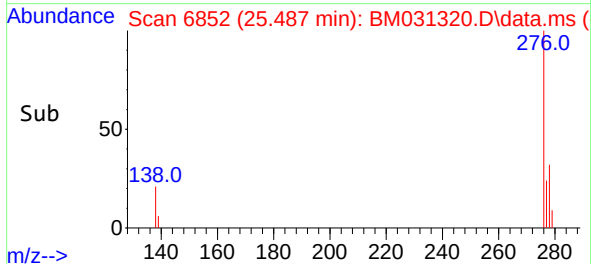
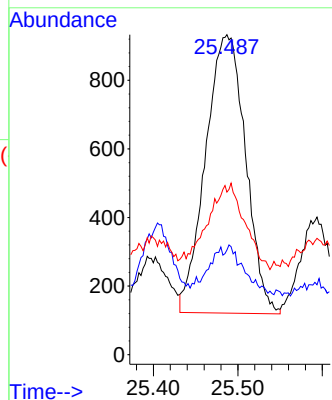
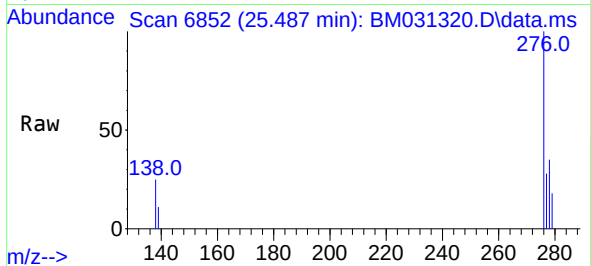
#28
Dibenzo(a,h)anthracene
Concen: 0.118 ng/ul
RT: 25.487 min Scan# 6852
Delta R.T. -0.017 min
Lab File: BM031320.D
Acq: 31 Jul 2021 20:01

Tgt Ion:278 Resp: 2670
Ion Ratio Lower Upper
278 100
139 32.7 13.3 19.9#
279 50.8 22.8 34.2#

Instrument :
BNA_M
ClientSampled :
C0050DL

Manual Integrations
APPROVED

mohammad
8/2/2021 3:41:48 PM



#29
Benzo(g,h,i)perylene
Concen: 0.284 ng/ul
RT: 26.132 min Scan# 7118
Delta R.T. -0.012 min
Lab File: BM031320.D
Acq: 31 Jul 2021 20:01

Tgt Ion:276 Resp: 6813
Ion Ratio Lower Upper
276 100
138 24.9 15.4 23.2#
277 27.1 19.9 29.9

