

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031319.D
 Acq On : 31 Jul 2021 19:24
 Operator : CG/JU
 Sample : M3091-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0050

Manual Integrations
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Quant Time: Aug 02 01:13:13 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	1796	0.400	ng/ul	0.00
4) Naphthalene-d8	10.370	136	7121	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.235	164	4917	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.982	188	9609	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.173	240	7662	0.400	ng/ul	# 0.00
23) Perylene-d12	23.336	264	6837	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	3999	2.005	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.962	152	1629	0.136	ng/ul	0.00
18) Fluoranthene-d10	19.012	212	3943	0.154	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.415	128	41851	1.973	ng/ul	97
7) 2-Methylnaphthalene	12.034	142	43385	2.994	ng/ul	99
8) 1-Methylnaphthalene	12.259	142	30146	2.105	ng/ul	100
10) Acenaphthylene	13.959	152	6114	0.292	ng/ul	94
11) Acenaphthene	14.300	153	3993	0.227	ng/ul	99
12) Fluorene	15.289	166	4937	0.243	ng/ul#	79
15) Phenanthrene	17.023	178	112065	3.673	ng/ul	98
16) Anthracene	17.117	178	18447	0.646	ng/ul	98
19) Fluoranthene	19.047	202	126392	3.863	ng/ul	97
20) Pyrene	19.409	202	116261	3.503	ng/ul	97
21) Benzo(a)anthracene	21.159	228	68795	2.224	ng/ul#	94
22) Chrysene	21.210	228	88395m	2.761	ng/ul	
24) Benzo(b)fluoranthene	22.694	252	88437m	2.871	ng/ul	
25) Benzo(k)fluoranthene	22.733	252	29058m	0.913	ng/ul	
26) Benzo(a)pyrene	23.244	252	57860	2.145	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.478	276	36697	1.052	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.485	278	13330	0.474	ng/ul#	81
29) Benzo(g,h,i)perylene	26.134	276	33955	1.141	ng/ul	97

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

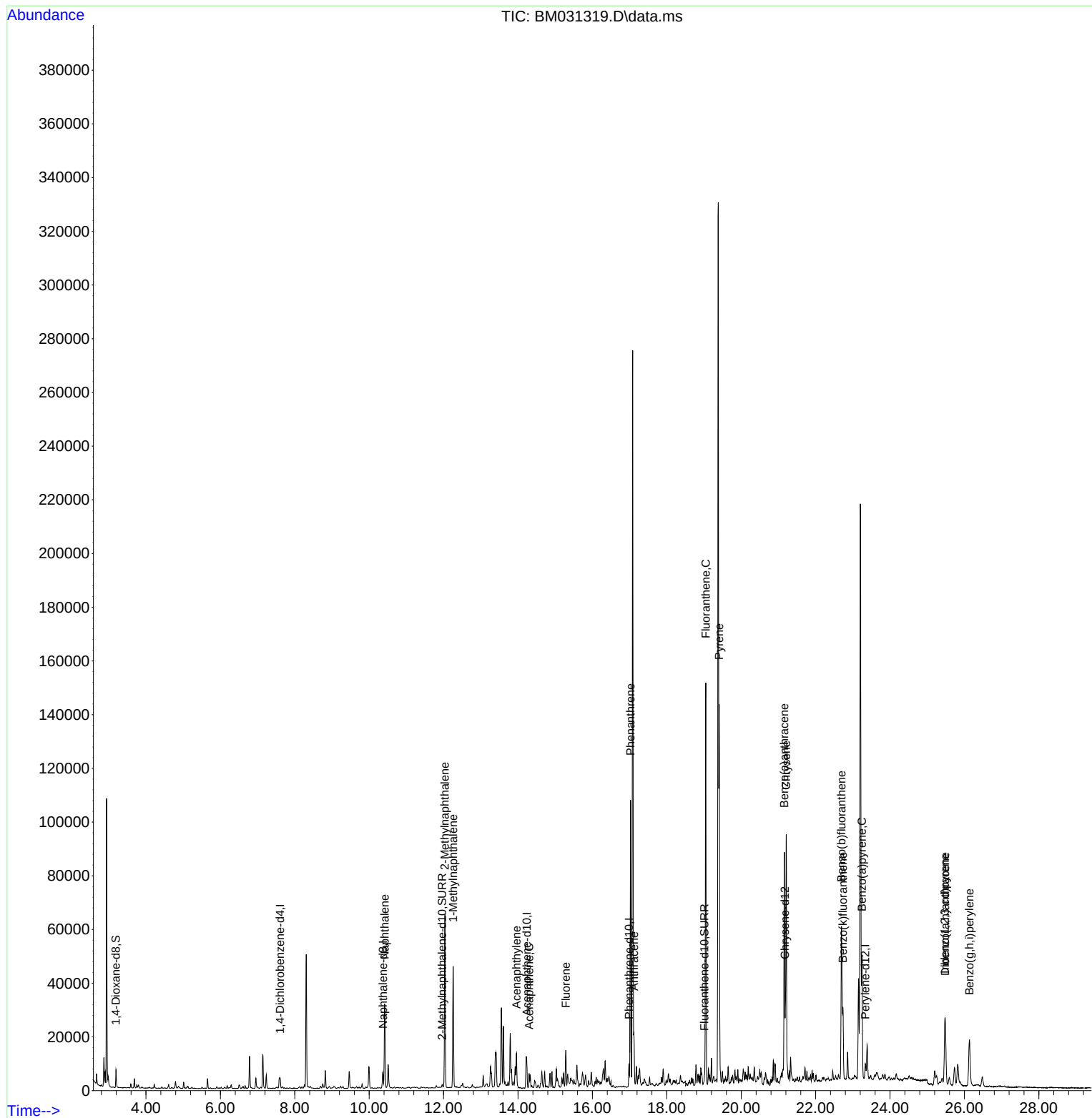
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
Data File : BM031319.D
Acq On : 31 Jul 2021 19:24
Operator : CG/JU
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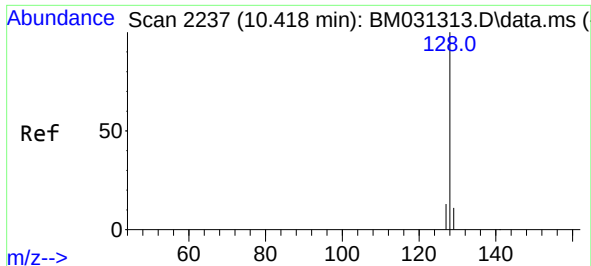
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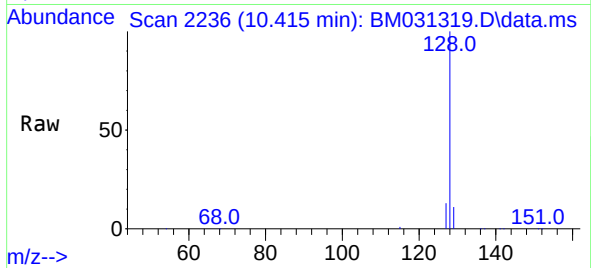
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Quant Time: Aug 02 01:13:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 14:16:52 2021
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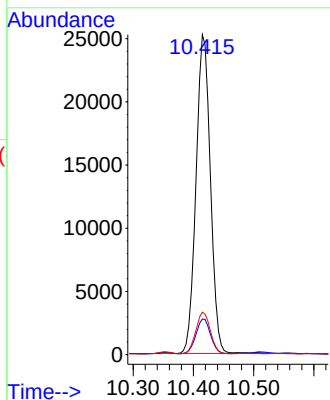
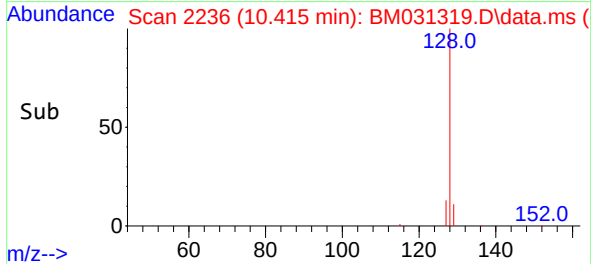


#5
Naphthalene
Concen: 1.973 ng/ul
RT: 10.415 min Scan# 2236
Delta R.T. -0.008 min
Lab File: BM031319.D
Acq: 31 Jul 2021 19:24



Tgt Ion:128 Resp: 41851

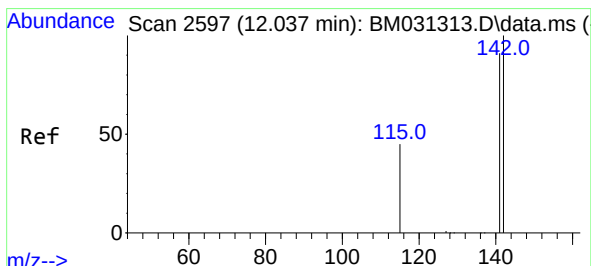
Ion	Ratio	Lower	Upper
128	100		
129	11.1	10.0	15.0
127	13.3	11.6	17.4



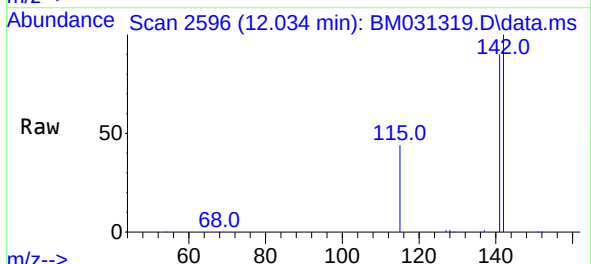
Instrument :
BNA_M
ClientSampleId :
C0050

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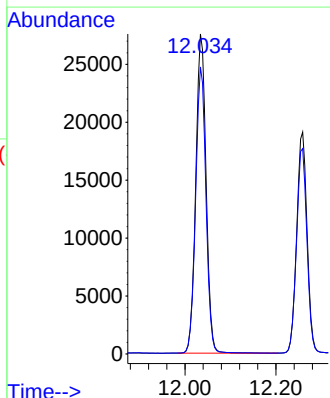
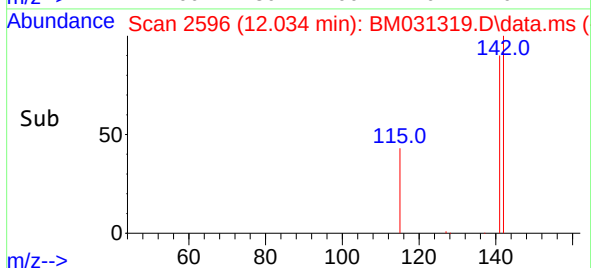


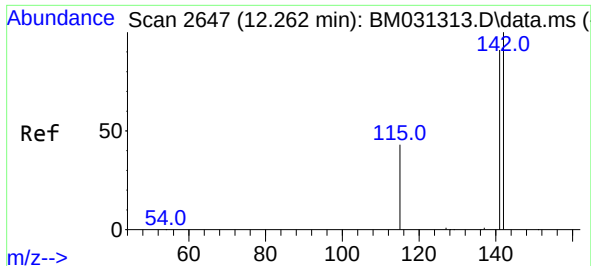
#7
2-Methylnaphthalene
Concen: 2.994 ng/ul
RT: 12.034 min Scan# 2596
Delta R.T. -0.008 min
Lab File: BM031319.D
Acq: 31 Jul 2021 19:24



Tgt Ion:142 Resp: 43385

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.4	107.0





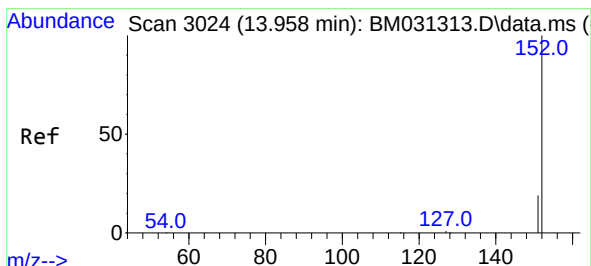
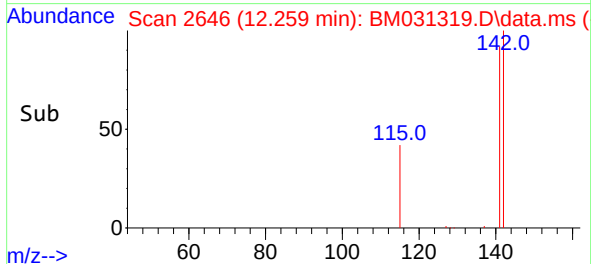
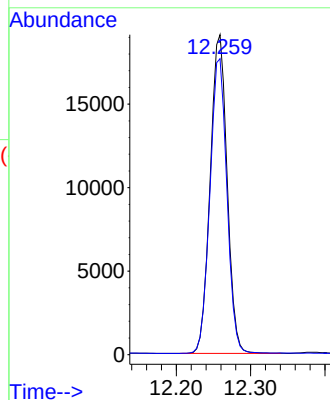
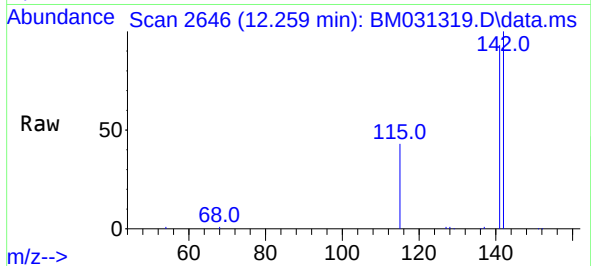
#8
1-Methylnaphthalene
Concen: 2.105 ng/ul
RT: 12.259 min Scan# 2646
Delta R.T. -0.008 min
Lab File: BM031319.D
Acq: 31 Jul 2021 19:24

Tgt Ion:142 Resp: 30146
Ion Ratio Lower Upper
142 100
141 93.0 74.1 111.1

Instrument :
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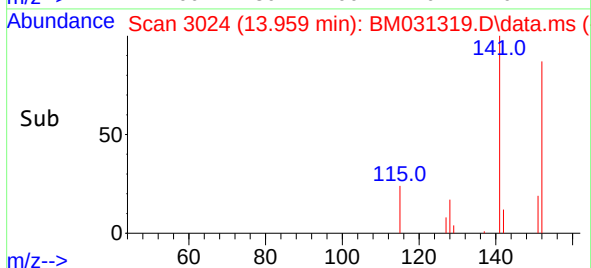
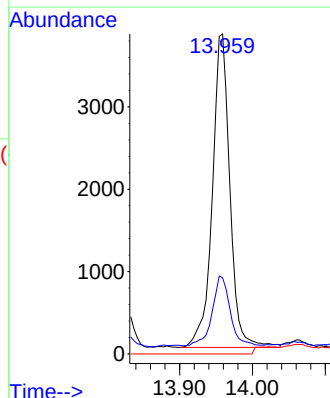
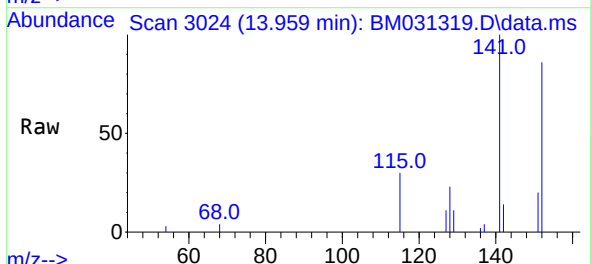
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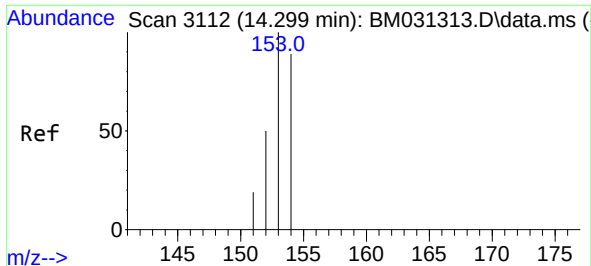
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#10
Acenaphthylene
Concen: 0.292 ng/ul
RT: 13.959 min Scan# 3024
Delta R.T. -0.003 min
Lab File: BM031319.D
Acq: 31 Jul 2021 19:24

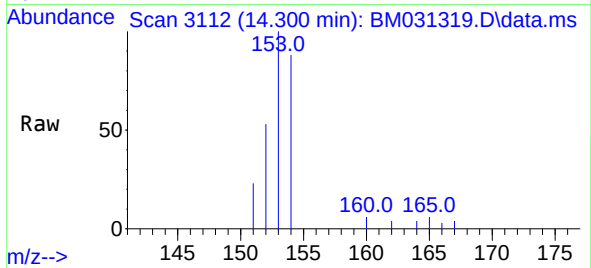
Tgt Ion:152 Resp: 6114
Ion Ratio Lower Upper
152 100
151 23.8 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.227 ng/ul
RT: 14.300 min Scan# 3112
Delta R.T. -0.003 min
Lab File: BM031319.D
Acq: 31 Jul 2021 19:24

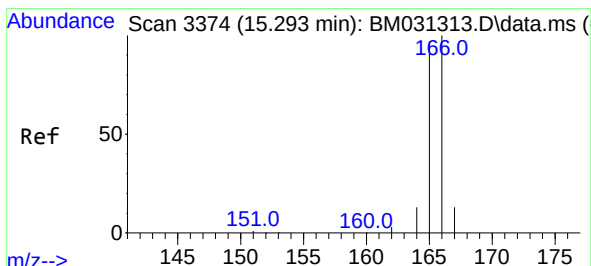
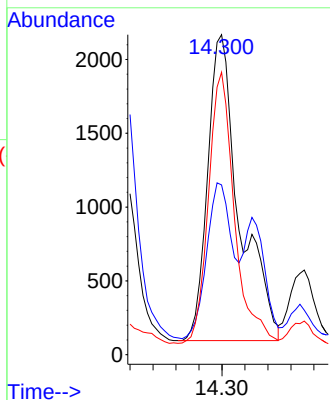
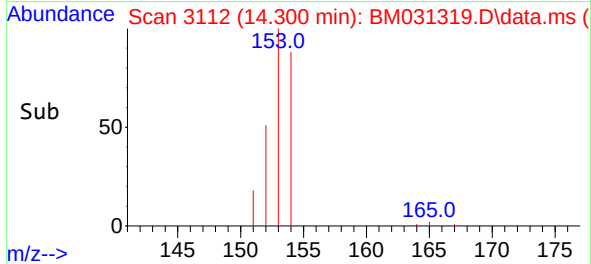
Instrument :
BNA_M
ClientSampled :
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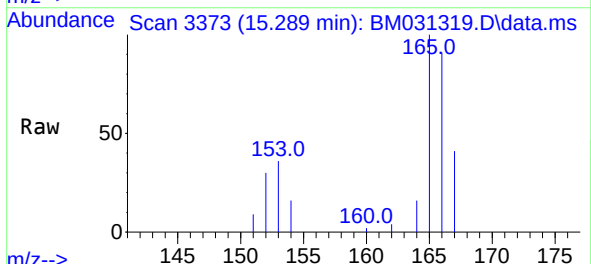
Tgt Ion:153 Resp: 3993
Ion Ratio Lower Upper
153 100
152 53.0 40.7 61.1
154 88.2 70.2 105.2

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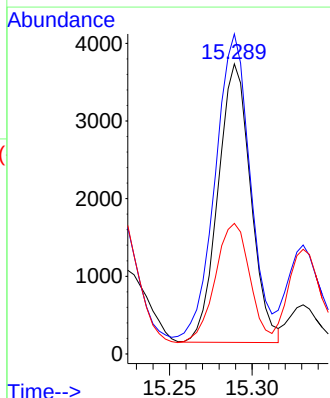
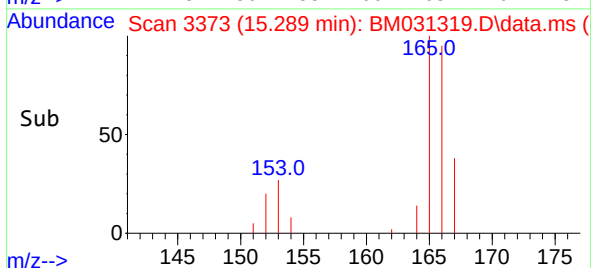
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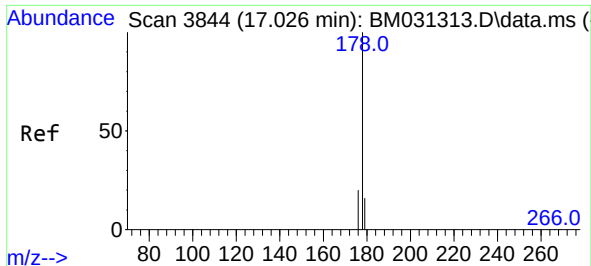


#12
Fluorene
Concen: 0.243 ng/ul
RT: 15.289 min Scan# 3373
Delta R.T. -0.007 min
Lab File: BM031319.D
Acq: 31 Jul 2021 19:24



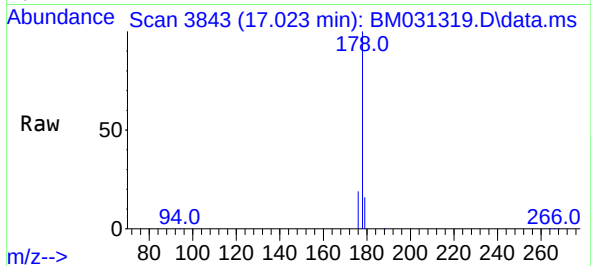
Tgt Ion:166 Resp: 4937
Ion Ratio Lower Upper
166 100
165 110.3 78.0 117.0
167 45.0 12.0 18.0#





#15
Phenanthrene
Concen: 3.673 ng/ul
RT: 17.023 min Scan# 3843
Delta R.T. -0.006 min
Lab File: BM031319.D
Acq: 31 Jul 2021 19:24

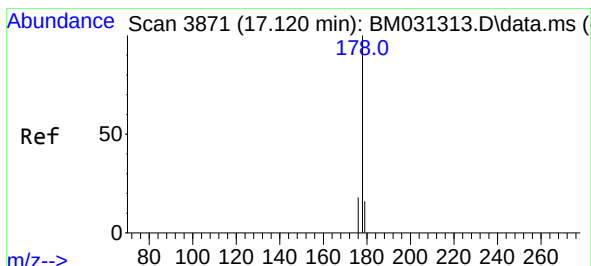
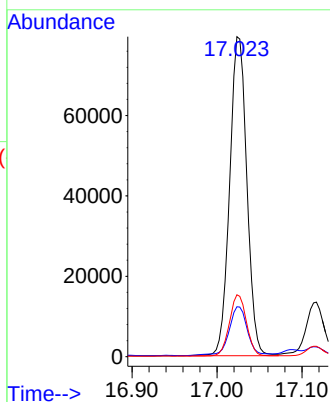
Instrument :
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ClientSampled :
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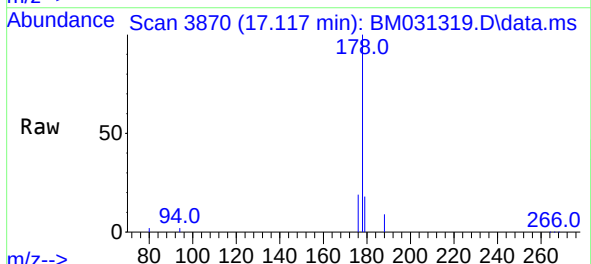
Tgt Ion:178 Resp: 112065
Ion Ratio Lower Upper
178 100
179 15.6 13.3 19.9
176 19.3 16.2 24.4

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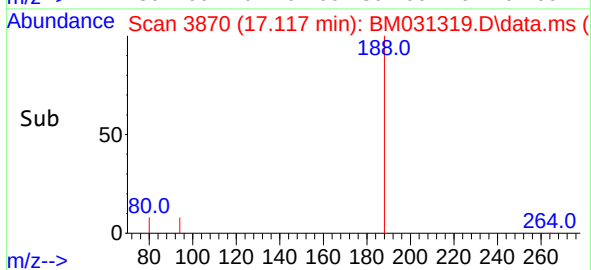
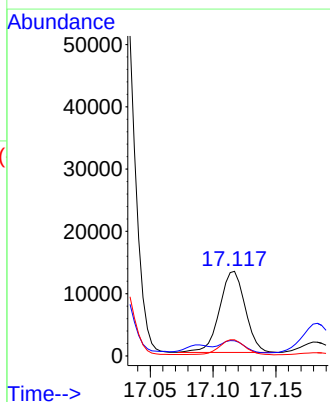
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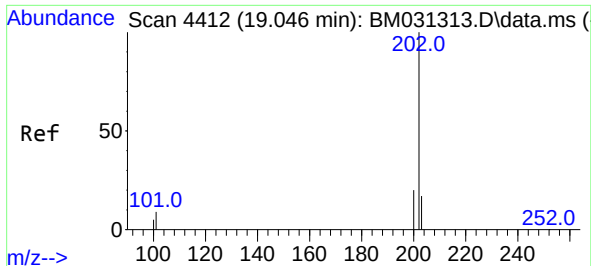


#16
Anthracene
Concen: 0.646 ng/ul
RT: 17.117 min Scan# 3870
Delta R.T. -0.003 min
Lab File: BM031319.D
Acq: 31 Jul 2021 19:24



Tgt Ion:178 Resp: 18447
Ion Ratio Lower Upper
178 100
179 18.0 13.0 19.6
176 19.0 15.6 23.4





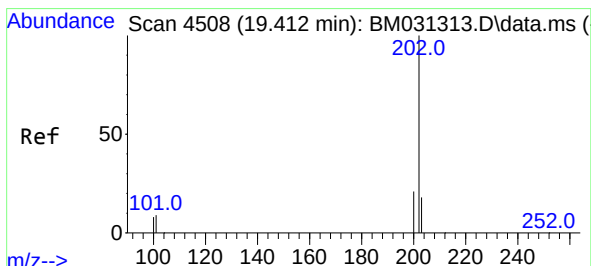
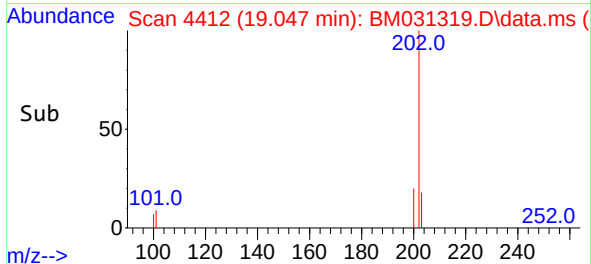
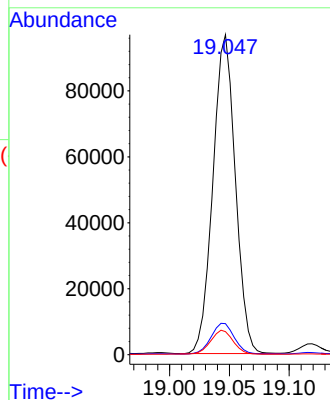
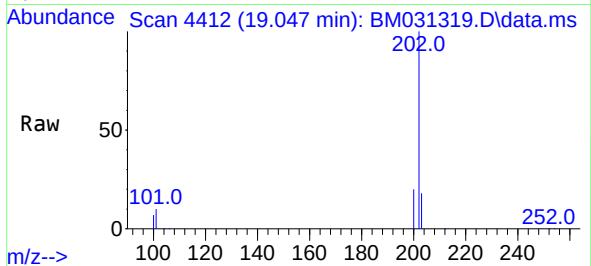
#19
Fluoranthene
Concen: 3.863 ng/u1
RT: 19.047 min Scan# 4412
Delta R.T. -0.003 min
Lab File: BM031319.D
Acq: 31 Jul 2021 19:24

Tgt Ion:202	Resp:	126392
Ion Ratio	Lower	Upper
202	100	
101	9.7	6.6 10.0
100	7.2	5.4 8.0

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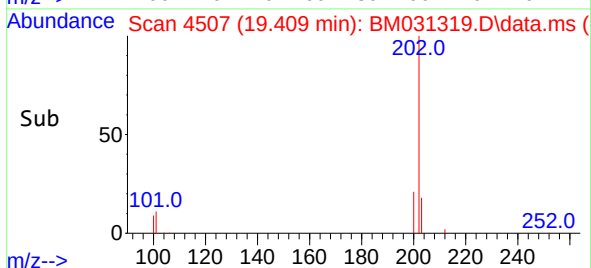
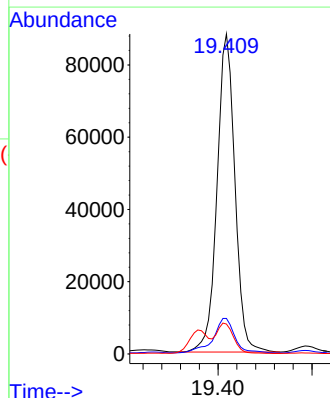
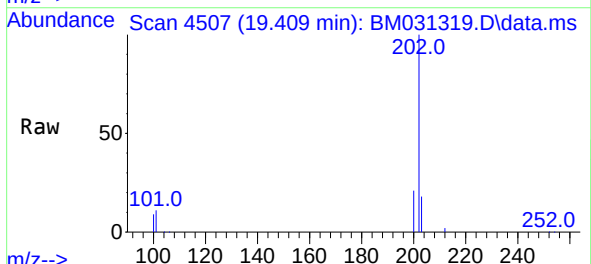
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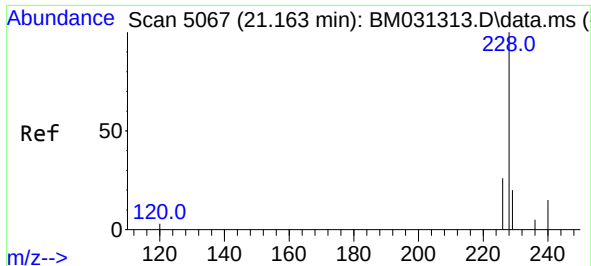
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#20
Pyrene
Concen: 3.503 ng/u1
RT: 19.409 min Scan# 4507
Delta R.T. -0.003 min
Lab File: BM031319.D
Acq: 31 Jul 2021 19:24

Tgt Ion:202	Resp:	116261
Ion Ratio	Lower	Upper
202	100	
101	11.1	7.8 11.6
100	9.3	6.6 10.0





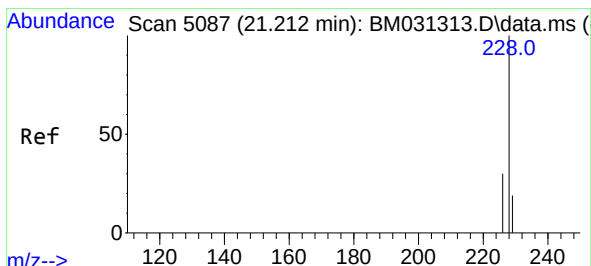
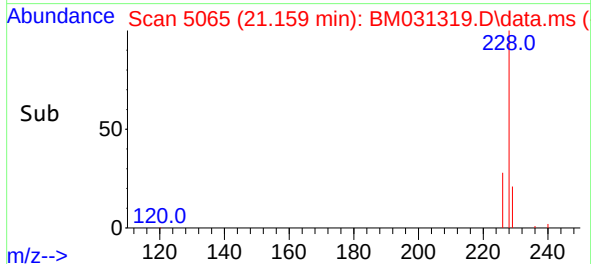
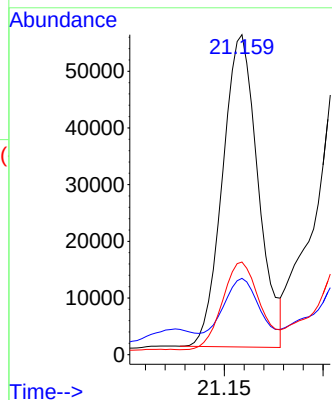
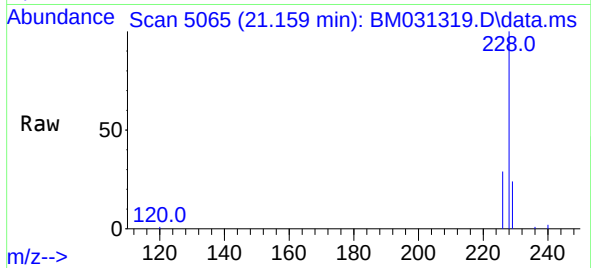
#21
Benzo(a)anthracene
Concen: 2.224 ng/ul
RT: 21.159 min Scan# 5065
Delta R.T. -0.002 min
Lab File: BM031319.D
Acq: 31 Jul 2021 19:24

Tgt Ion:228 Resp: 68795
Ion Ratio Lower Upper
228 100
229 23.8 15.6 23.4#
226 28.9 21.7 32.5

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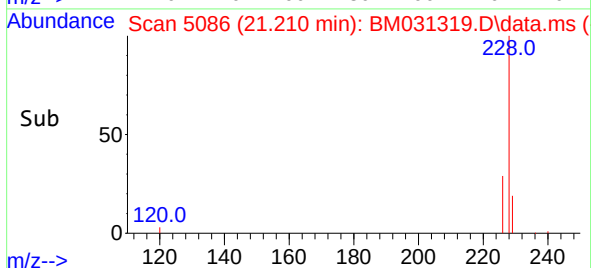
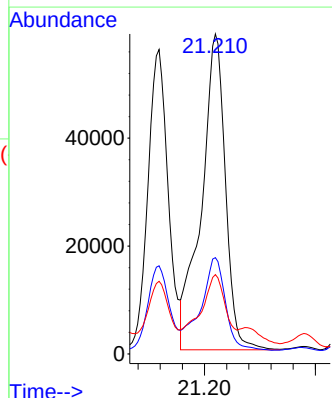
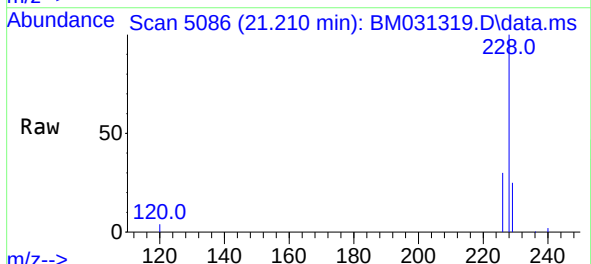
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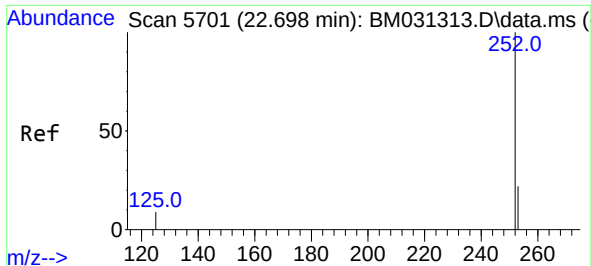
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#22
Chrysene
Concen: 2.761 ng/ul m
RT: 21.210 min Scan# 5086
Delta R.T. -0.004 min
Lab File: BM031319.D
Acq: 31 Jul 2021 19:24

Tgt Ion:228 Resp: 88395
Ion Ratio Lower Upper
228 100
226 30.1 24.7 37.1
229 24.8 16.2 24.2#





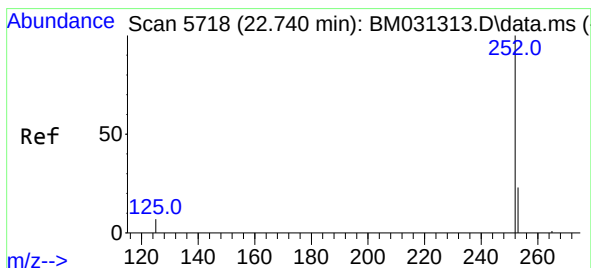
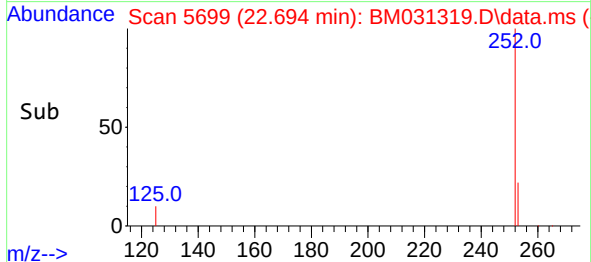
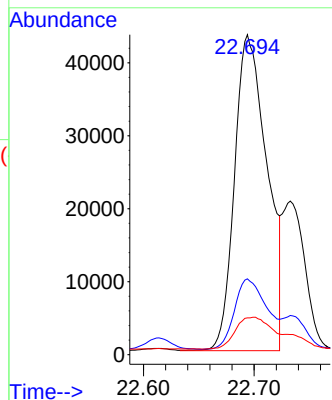
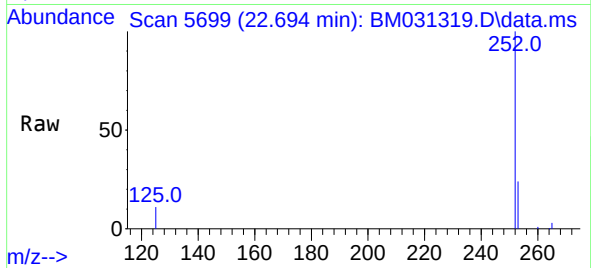
#24
Benzo(b)fluoranthene
Concen: 2.871 ng/ul m
RT: 22.694 min Scan# 5699
Delta R.T. -0.004 min
Lab File: BM031319.D
Acq: 31 Jul 2021 19:24

Tgt Ion:252 Resp: 88437
Ion Ratio Lower Upper
252 100
253 23.7 0.0 53.0
125 11.5 0.0 22.8

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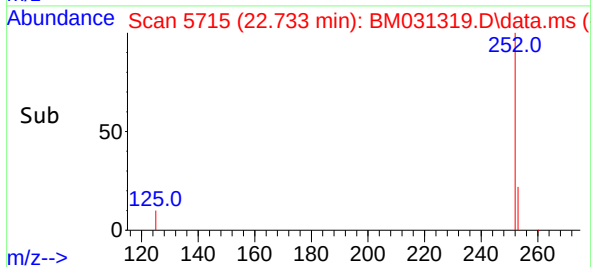
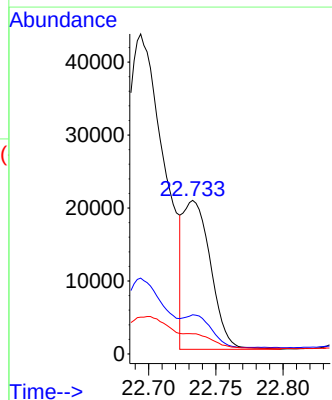
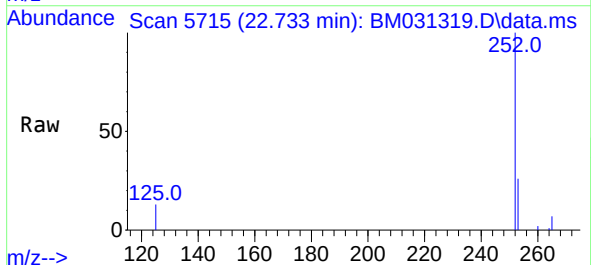
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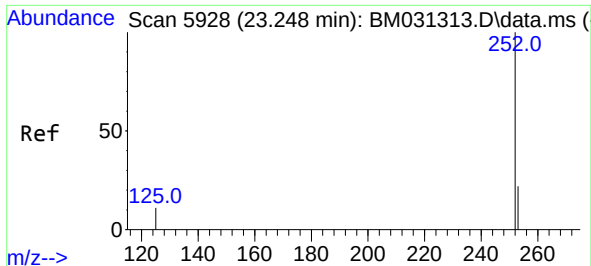
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#25
Benzo(k)fluoranthene
Concen: 0.913 ng/ul m
RT: 22.733 min Scan# 5715
Delta R.T. -0.007 min
Lab File: BM031319.D
Acq: 31 Jul 2021 19:24

Tgt Ion:252 Resp: 29058
Ion Ratio Lower Upper
252 100
253 25.5 21.3 31.9
125 13.1 8.8 13.2





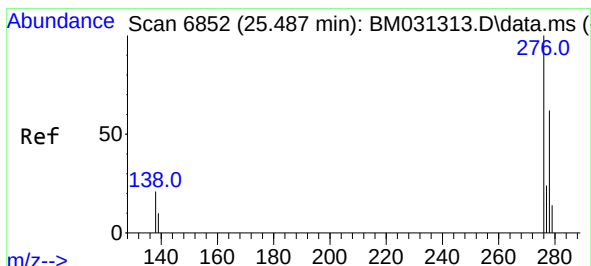
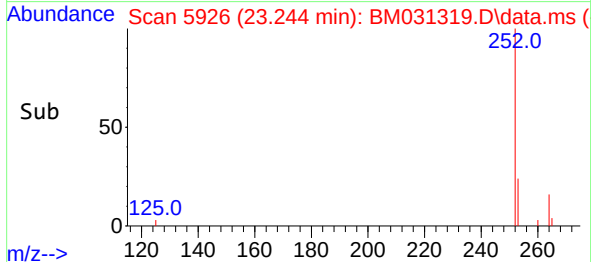
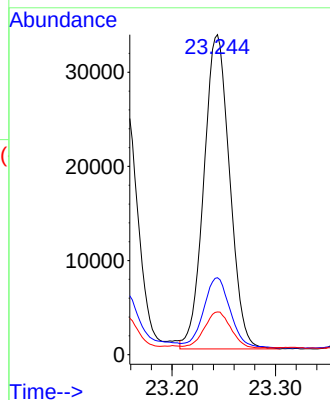
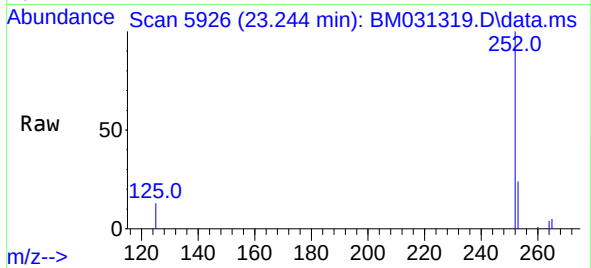
#26
Benzo(a)pyrene
Concen: 2.145 ng/ul
RT: 23.244 min Scan# 5926
Delta R.T. -0.004 min
Lab File: BM031319.D
Acq: 31 Jul 2021 19:24

Tgt Ion:	252	Resp:	57860
Ion Ratio	Lower	Upper	
252	100		
253	24.1	22.4	33.6
125	13.4	13.0	19.4

Instrument :
BNA_M
ClientSampleId :
C0050

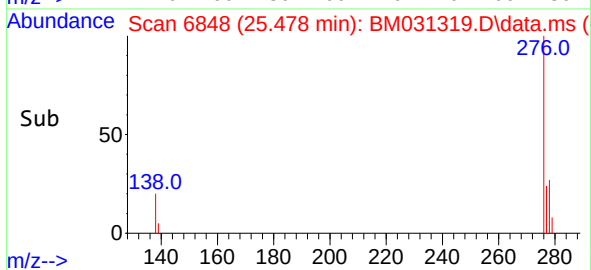
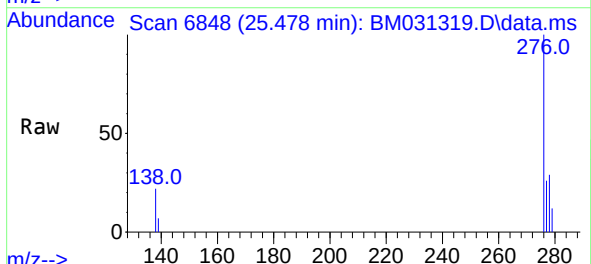
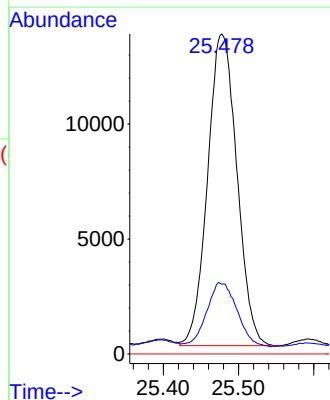
Manual Integrations
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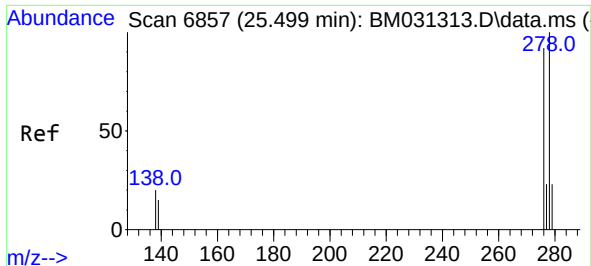
mohammad
8/2/2021 3:41:42 PM



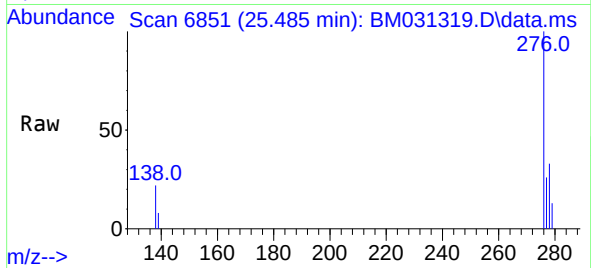
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.052 ng/ul
RT: 25.478 min Scan# 6848
Delta R.T. -0.012 min
Lab File: BM031319.D
Acq: 31 Jul 2021 19:24

Tgt Ion:	276	Resp:	36697
Ion Ratio	Lower	Upper	
276	100		
138	21.4	15.8	23.8
227	0.0	0.0	0.0

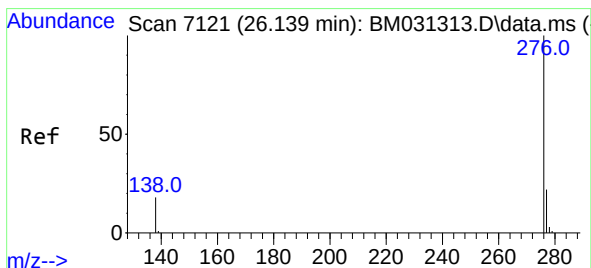
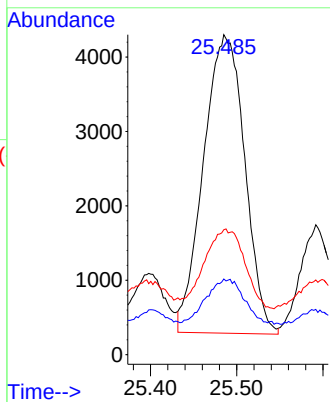
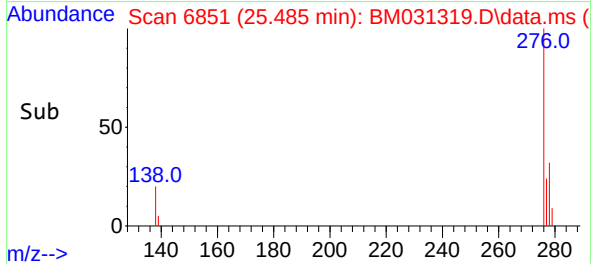




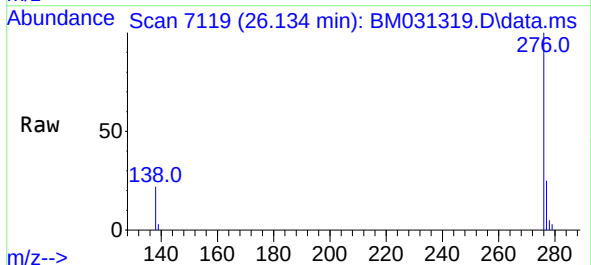
#28
Dibenzo(a,h)anthracene
Concen: 0.474 ng/ul
RT: 25.485 min Scan# 6851
Delta R.T. -0.019 min
Lab File: BM031319.D
Acq: 31 Jul 2021 19:24



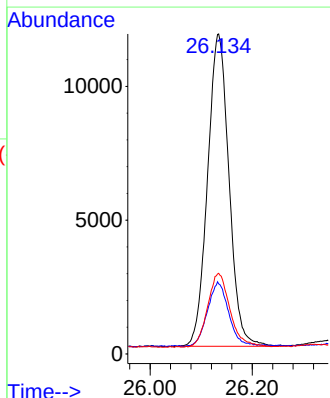
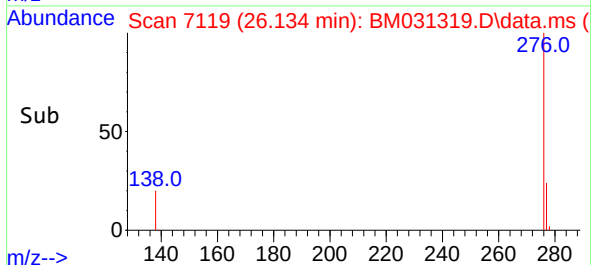
Tgt Ion:278 Resp: 13330
Ion Ratio Lower Upper
278 100
139 23.7 13.3 19.9#
279 39.0 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 1.141 ng/ul
RT: 26.134 min Scan# 7119
Delta R.T. -0.009 min
Lab File: BM031319.D
Acq: 31 Jul 2021 19:24



Tgt Ion:276 Resp: 33955
Ion Ratio Lower Upper
276 100
138 21.9 15.4 23.2
277 25.2 19.9 29.9



Instrument :
BNA_M
ClientSampleId :
C0050

Manual Integrations
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mohammad
8/2/2021 3:41:42 PM