

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031318.D
 Acq On : 31 Jul 2021 18:48
 Operator : CG/JU
 Sample : M3084-07DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0025DL

Manual Integrations
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Quant Time: Aug 02 01:13:06 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	7.607	152	2053	0.400	ng/ul	0.00
4) Naphthalene-d8	10.370	136	8171	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.235	164	5260	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.985	188	10404	0.400	ng/ul	0.00
17) Chrysene-d12	21.176	240	8378	0.400	ng/ul	0.00
23) Perylene-d12	23.338	264	7823	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	792	0.347	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.962	152	310	0.023	ng/ul	0.00
18) Fluoranthene-d10	19.016	212	694	0.025	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.419	128	7527	0.309	ng/ul	99
7) 2-Methylnaphthalene	12.038	142	8087	0.486	ng/ul	99
8) 1-Methylnaphthalene	12.259	142	4630	0.282	ng/ul	99
10) Acenaphthylene	13.959	152	1705	0.076	ng/ul	92
11) Acenaphthene	14.299	153	796m	0.042	ng/ul	
12) Fluorene	15.289	166	1489	0.069	ng/ul#	83
15) Phenanthrene	17.027	178	22032	0.667	ng/ul	98
16) Anthracene	17.117	178	2731	0.088	ng/ul#	93
19) Fluoranthene	19.046	202	15703	0.439	ng/ul#	95
20) Pyrene	19.409	202	14880	0.410	ng/ul#	95
21) Benzo(a)anthracene	21.159	228	9313	0.275	ng/ul#	86
22) Chrysene	21.210	228	17637	0.504	ng/ul#	95
24) Benzo(b)fluoranthene	22.696	252	14177m	0.402	ng/ul	
25) Benzo(k)fluoranthene	22.733	252	3666m	0.101	ng/ul	
26) Benzo(a)pyrene	23.241	252	6979	0.226	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.482	276	4379	0.110	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.485	278	1716	0.053	ng/ul#	44
29) Benzo(g,h,i)perylene	26.132	276	3960	0.116	ng/ul#	87

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

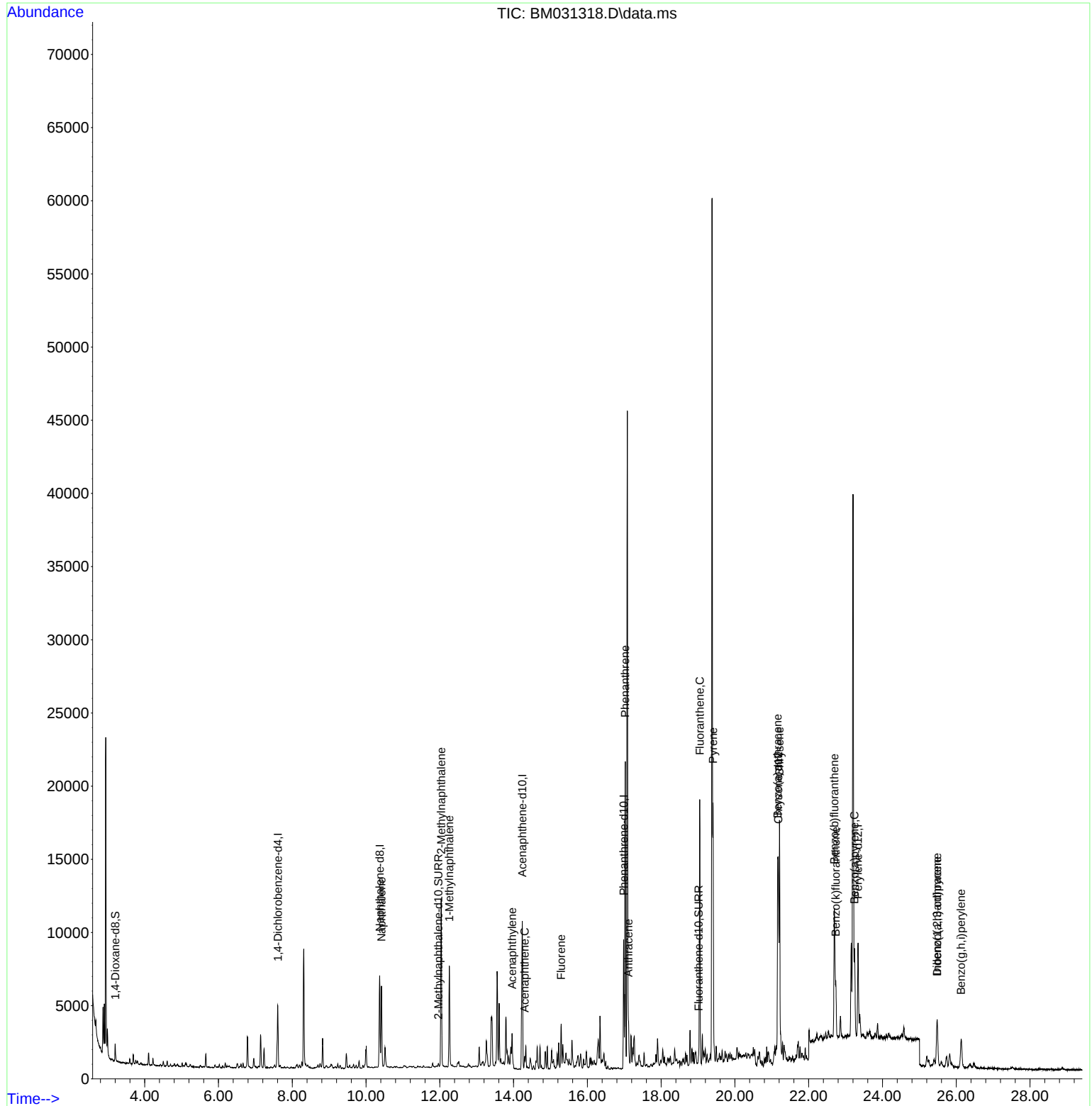
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Data File : BM031318.D
Acq On : 31 Jul 2021 18:48
Operator : CG/JU
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ALS Vial : 14 Sample Multiplier: 1

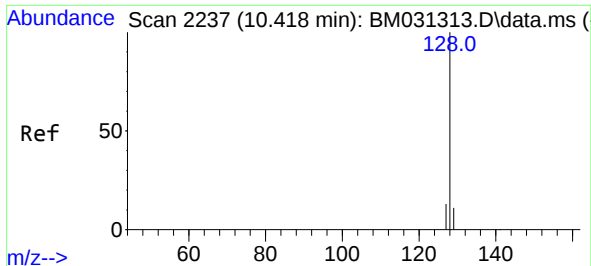
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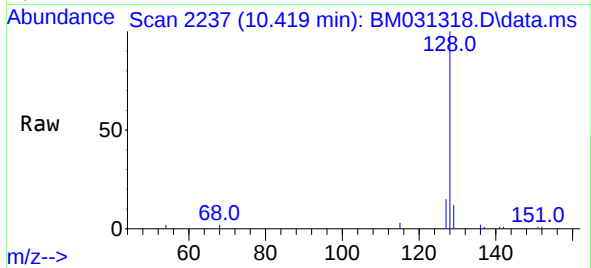
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Quant Time: Aug 02 01:13:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

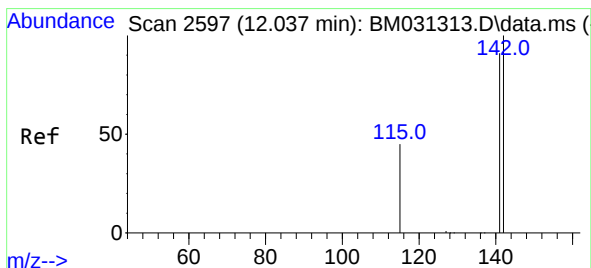
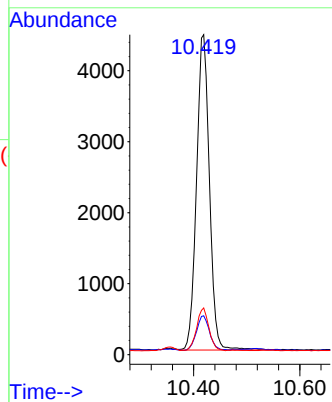
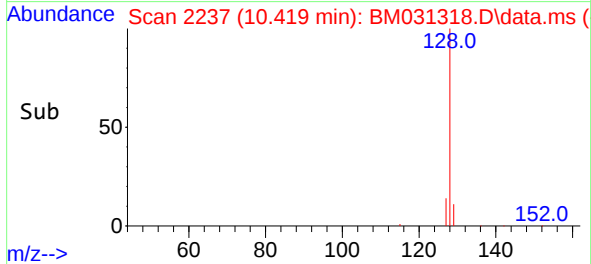




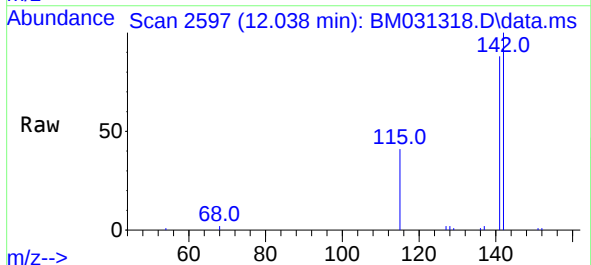
#5
Naphthalene
Concen: 0.309 ng/ul
RT: 10.419 min Scan# 2237
Delta R.T. -0.004 min
Lab File: BM031318.D
Acq: 31 Jul 2021 18:48



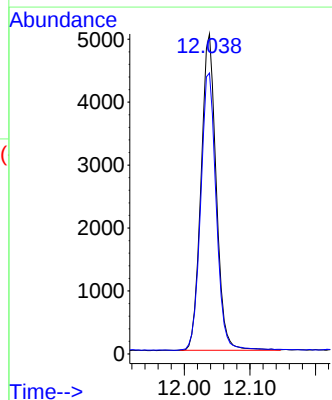
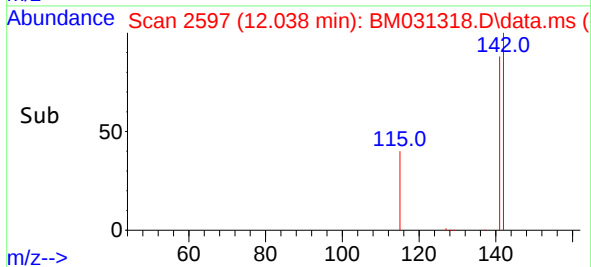
Tgt Ion:	128	Resp:	7527
Ion Ratio	Lower	Upper	
128	100		
129	12.2	10.0	15.0
127	14.6	11.6	17.4



#7
2-Methylnaphthalene
Concen: 0.486 ng/ul
RT: 12.038 min Scan# 2597
Delta R.T. -0.004 min
Lab File: BM031318.D
Acq: 31 Jul 2021 18:48



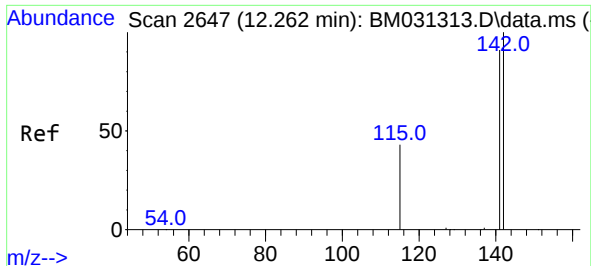
Tgt Ion:	142	Resp:	8087
Ion Ratio	Lower	Upper	
142	100		
141	90.2	71.4	107.0



Instrument :
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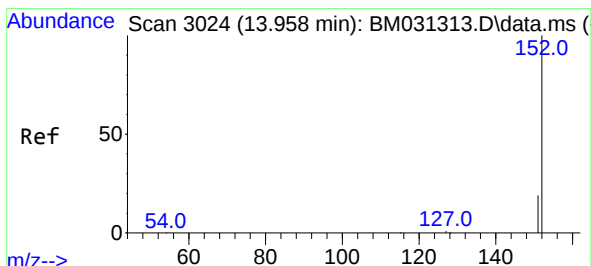
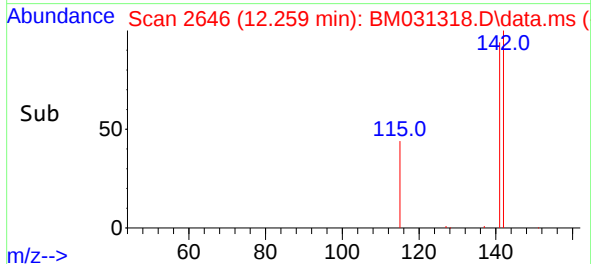
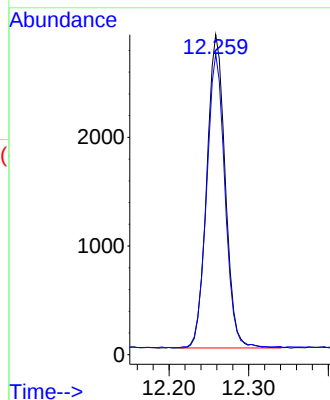
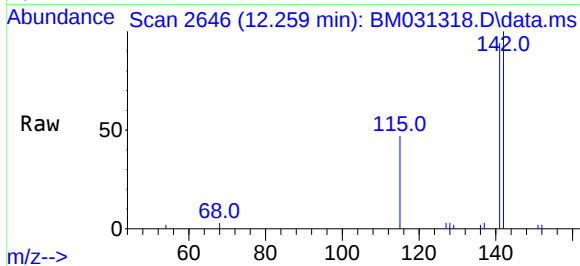
#8
1-Methylnaphthalene
Concen: 0.282 ng/ul
RT: 12.259 min Scan# 2646
Delta R.T. -0.008 min
Lab File: BM031318.D
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Tgt Ion:142 Resp: 4630
Ion Ratio Lower Upper
142 100
141 93.7 74.1 111.1

Instrument :
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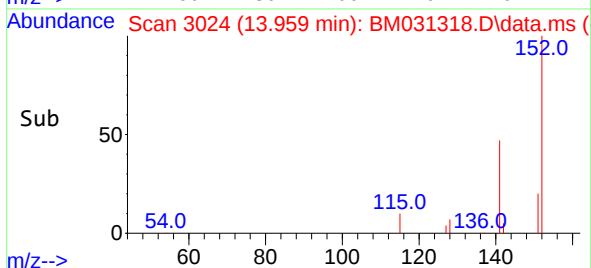
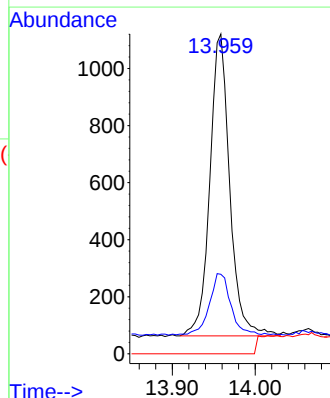
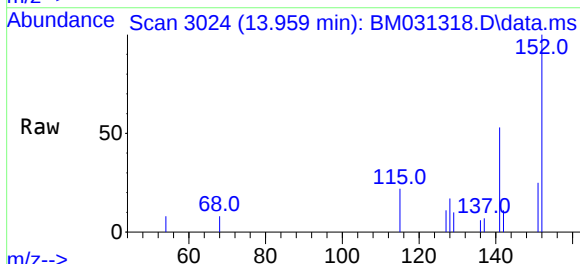
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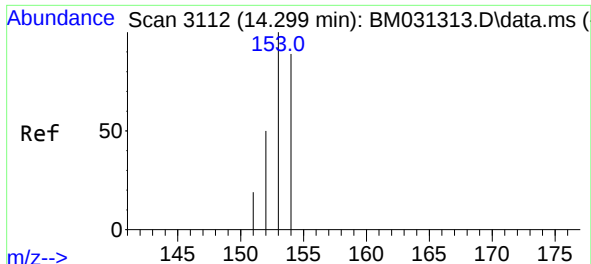
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#10
Acenaphthylene
Concen: 0.076 ng/ul
RT: 13.959 min Scan# 3024
Delta R.T. -0.004 min
Lab File: BM031318.D
Acq: 31 Jul 2021 18:48

Tgt Ion:152 Resp: 1705
Ion Ratio Lower Upper
152 100
151 24.9 16.9 25.3
153 0.0 0.0 0.0





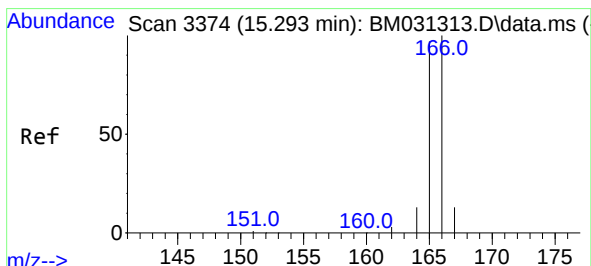
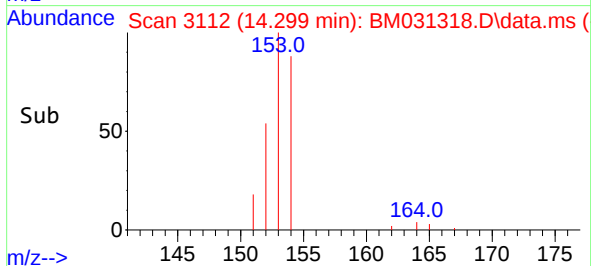
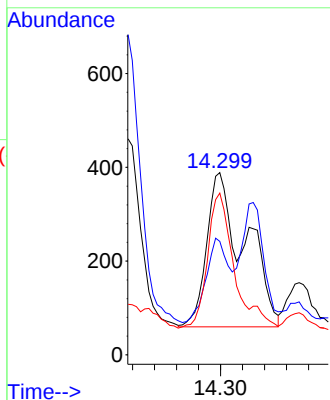
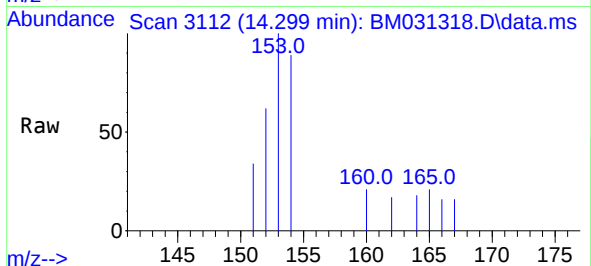
#11
Acenaphthene
Concen: 0.042 ng/ul m
RT: 14.299 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BM031318.D
Acq: 31 Jul 2021 18:48

Tgt Ion:153 Resp: 796
Ion Ratio Lower Upper
153 100
152 62.2 40.7 61.1#
154 88.7 70.2 105.2

Instrument :
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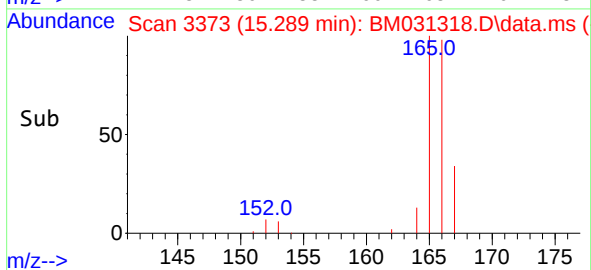
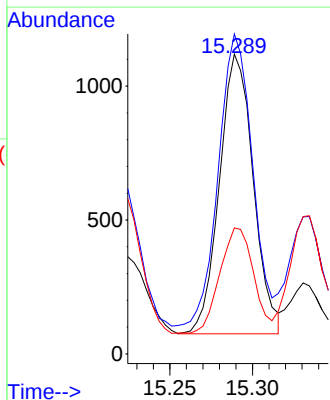
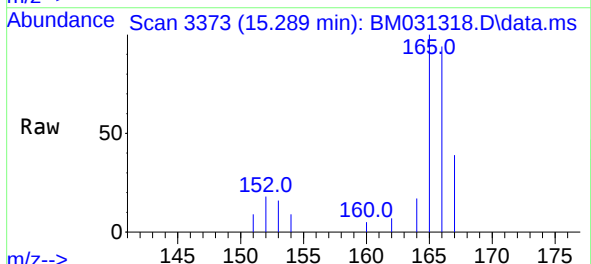
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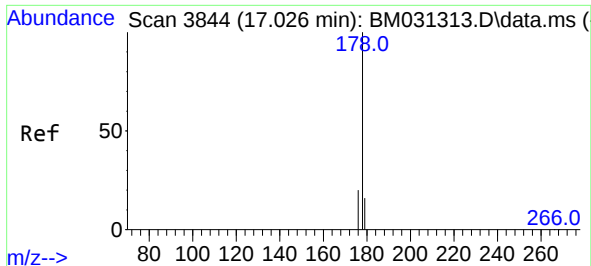
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#12
Fluorene
Concen: 0.069 ng/ul
RT: 15.289 min Scan# 3373
Delta R.T. -0.007 min
Lab File: BM031318.D
Acq: 31 Jul 2021 18:48

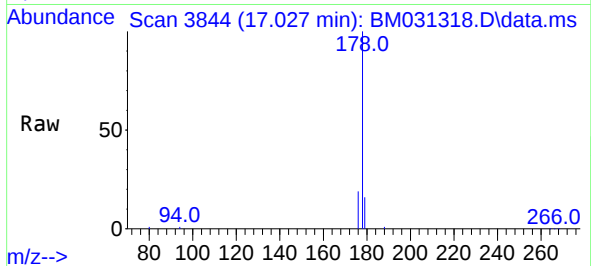
Tgt Ion:166 Resp: 1489
Ion Ratio Lower Upper
166 100
165 106.7 78.0 117.0
167 42.1 12.0 18.0#





#15
Phenanthrene
Concen: 0.667 ng/ul
RT: 17.027 min Scan# 3844
Delta R.T. -0.003 min
Lab File: BM031318.D
Acq: 31 Jul 2021 18:48

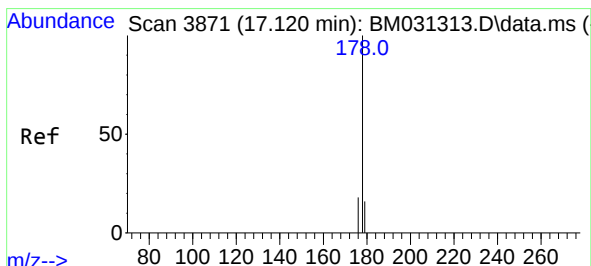
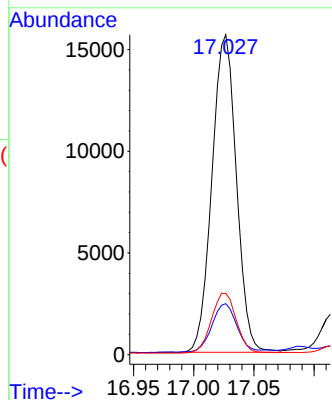
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ClientSampled :
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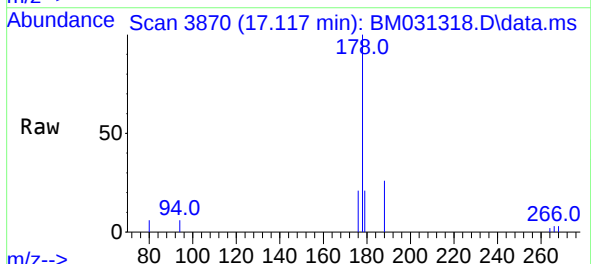
Tgt Ion:	178	Resp:	22032
Ion Ratio	Lower	Upper	
178	100		
179	16.0	13.3	19.9
176	19.1	16.2	24.4

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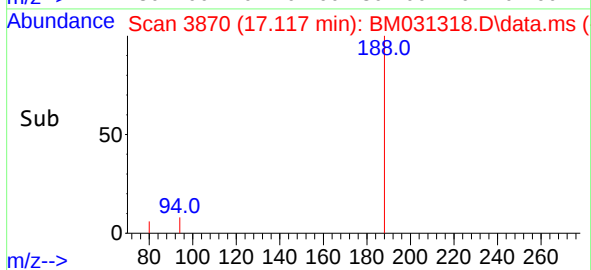
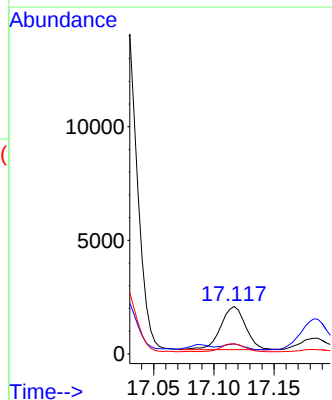
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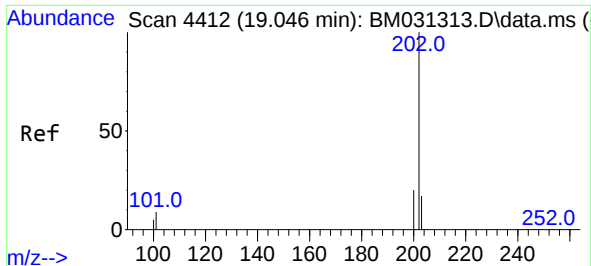


#16
Anthracene
Concen: 0.088 ng/ul
RT: 17.117 min Scan# 3870
Delta R.T. -0.003 min
Lab File: BM031318.D
Acq: 31 Jul 2021 18:48



Tgt Ion:	178	Resp:	2731
Ion Ratio	Lower	Upper	
178	100		
179	21.1	13.0	19.6#
176	21.1	15.6	23.4





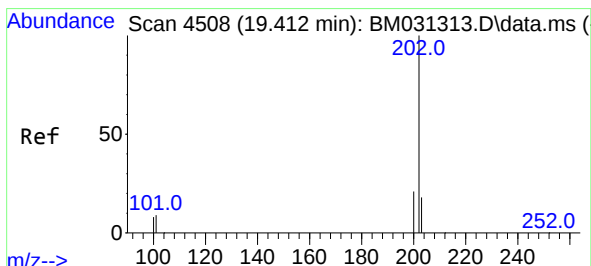
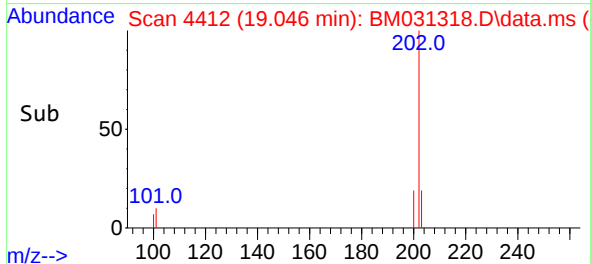
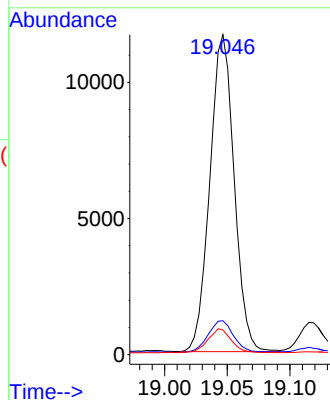
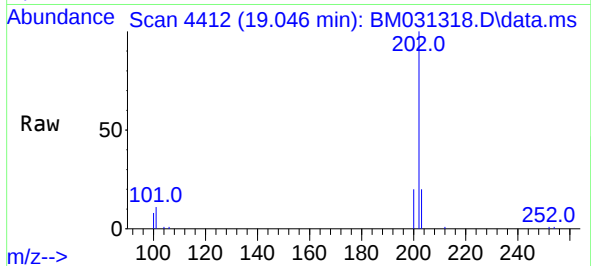
#19
Fluoranthene
Concen: 0.439 ng/u1
RT: 19.046 min Scan# 4412
Delta R.T. -0.004 min
Lab File: BM031318.D
Acq: 31 Jul 2021 18:48

Tgt Ion:202 Resp: 15703
Ion Ratio Lower Upper
202 100
101 10.6 6.6 10.0#
100 7.8 5.4 8.0

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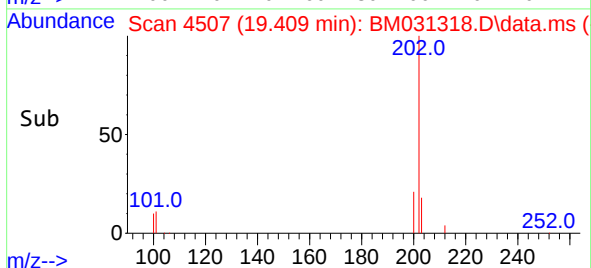
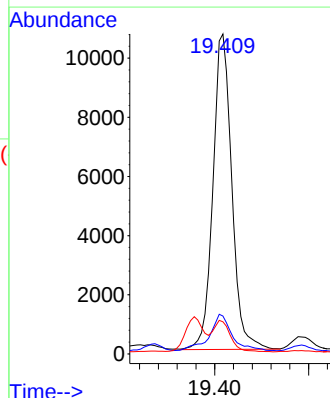
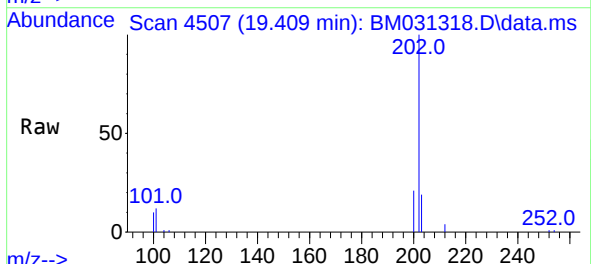
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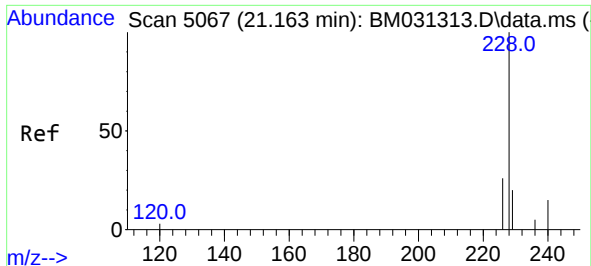
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#20
Pyrene
Concen: 0.410 ng/u1
RT: 19.409 min Scan# 4507
Delta R.T. -0.004 min
Lab File: BM031318.D
Acq: 31 Jul 2021 18:48

Tgt Ion:202 Resp: 14880
Ion Ratio Lower Upper
202 100
101 11.9 7.8 11.6#
100 10.0 6.6 10.0#





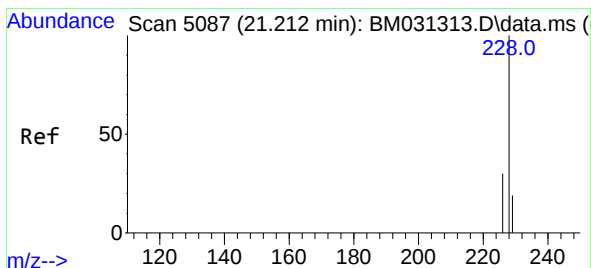
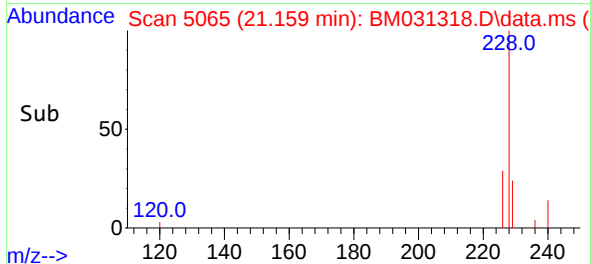
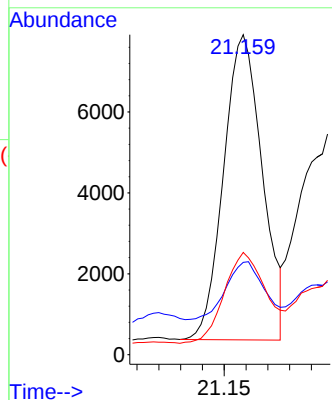
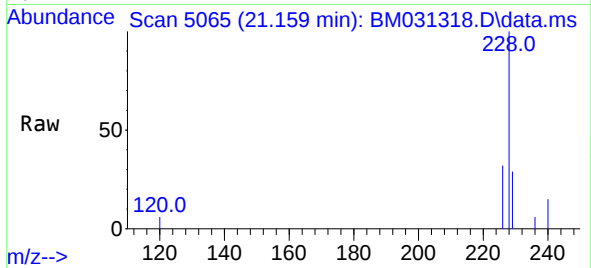
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Benzo(a)anthracene
Concen: 0.275 ng/u1
RT: 21.159 min Scan# 5065
Delta R.T. -0.002 min
Lab File: BM031318.D
Acq: 31 Jul 2021 18:48

Tgt Ion:	228	Resp:	9313
Ion Ratio	Lower	Upper	
228	100		
229	28.8	15.6	23.4#
226	31.9	21.7	32.5

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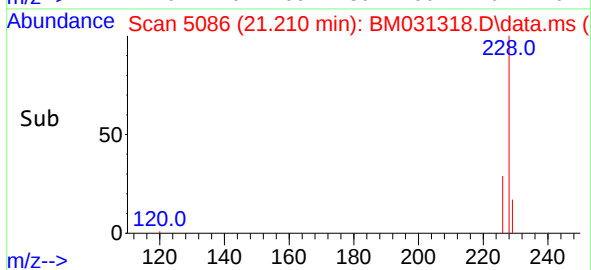
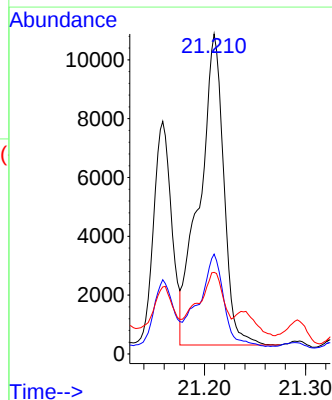
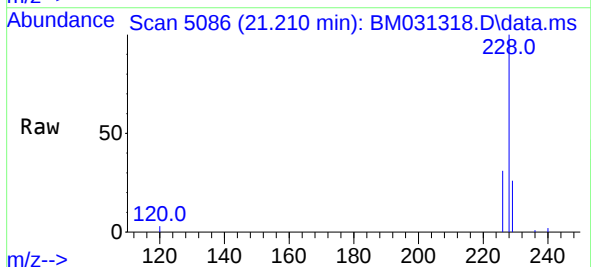
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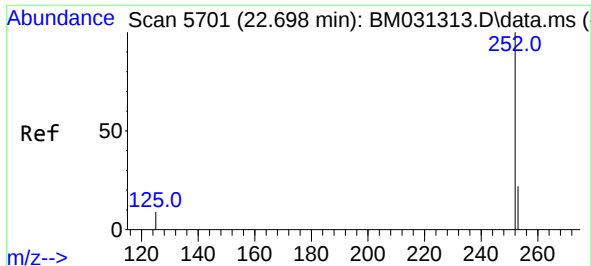
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#22
Chrysene
Concen: 0.504 ng/u1
RT: 21.210 min Scan# 5086
Delta R.T. -0.005 min
Lab File: BM031318.D
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Tgt Ion:	228	Resp:	17637
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.7	37.1
229	25.5	16.2	24.2#





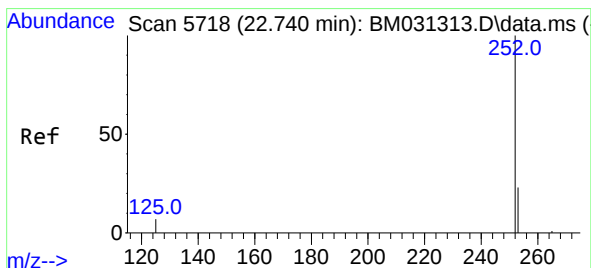
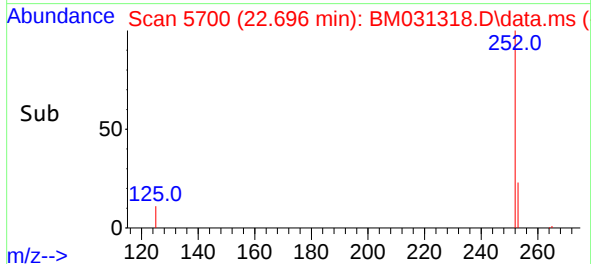
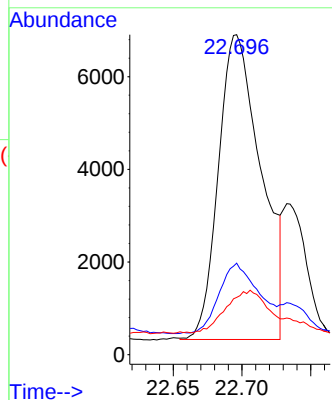
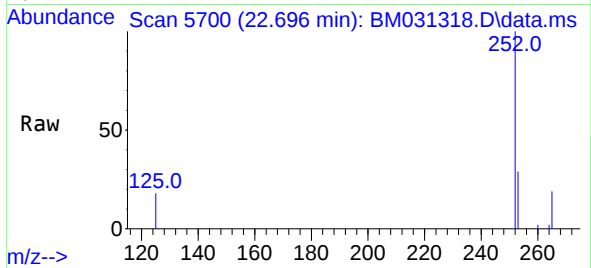
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Benzo(b)fluoranthene
Concen: 0.402 ng/ul m
RT: 22.696 min Scan# 5700
Delta R.T. -0.002 min
Lab File: BM031318.D
Acq: 31 Jul 2021 18:48

Tgt Ion:	252	Resp:	14177
Ion Ratio	Lower	Upper	
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253	28.6	0.0	53.0
125	17.9	0.0	22.8

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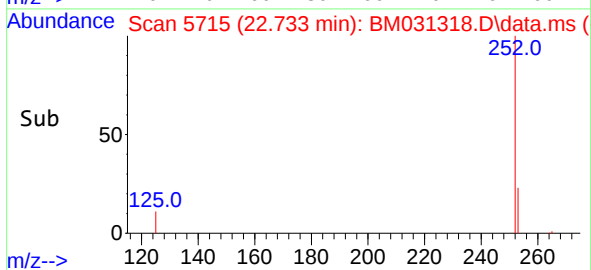
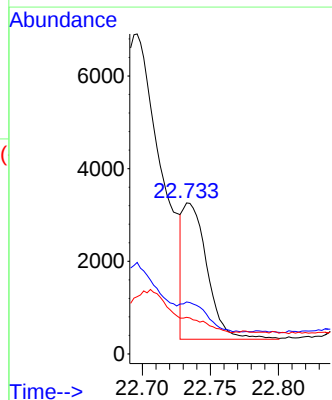
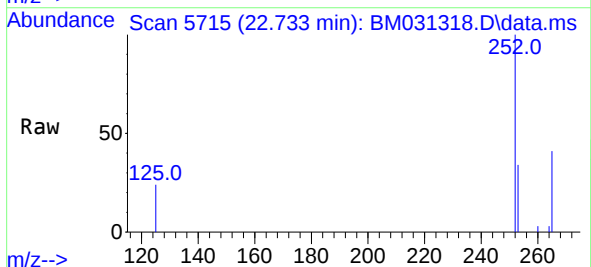
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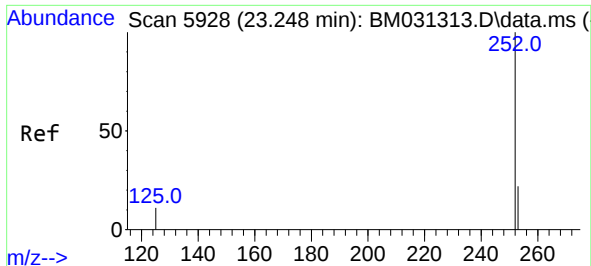
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#25
Benzo(k)fluoranthene
Concen: 0.101 ng/ul m
RT: 22.733 min Scan# 5715
Delta R.T. -0.007 min
Lab File: BM031318.D
Acq: 31 Jul 2021 18:48

Tgt Ion:	252	Resp:	3666
Ion Ratio	Lower	Upper	
252	100		
253	34.4	21.3	31.9#
125	24.2	8.8	13.2#





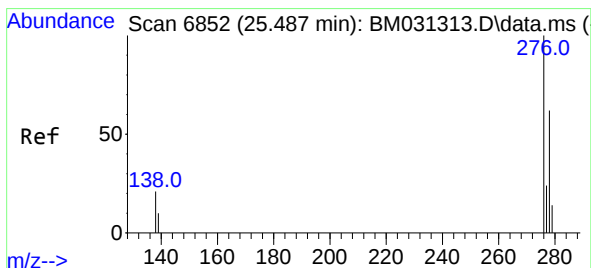
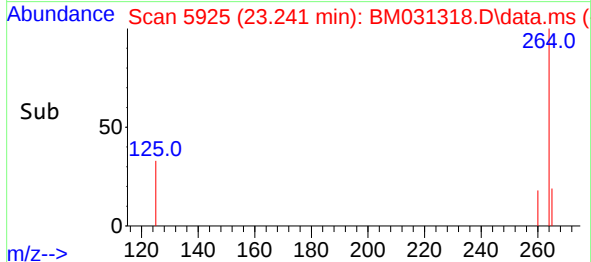
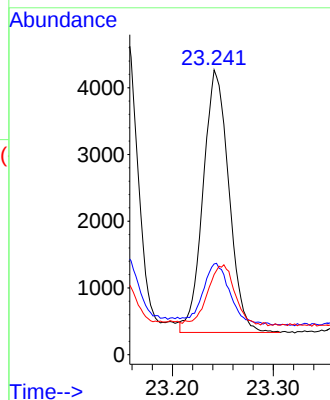
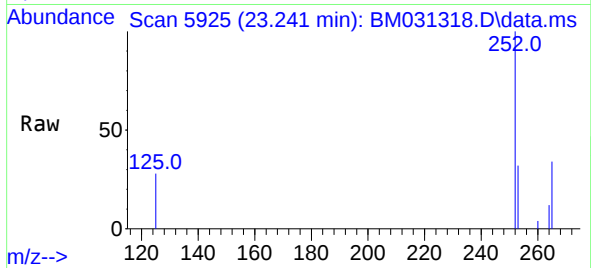
#26
Benzo(a)pyrene
Concen: 0.226 ng/ul
RT: 23.241 min Scan# 5925
Delta R.T. -0.007 min
Lab File: BM031318.D
Acq: 31 Jul 2021 18:48

Tgt Ion:	252	Resp:	6979
Ion Ratio	Lower	Upper	
252	100		
253	31.8	22.4	33.6
125	28.2	13.0	19.4

Instrument :
BNA_M
ClientSampled :
C0025DL

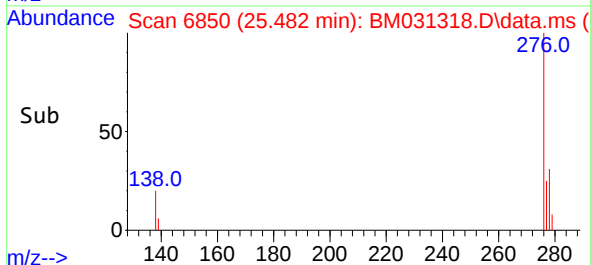
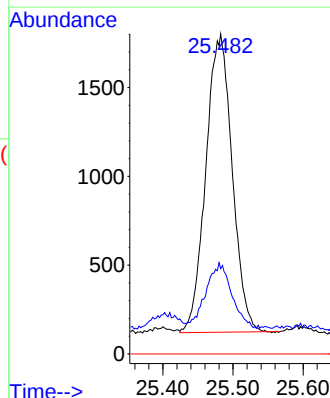
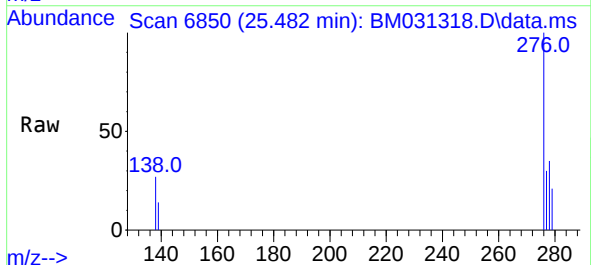
Manual Integrations
APPROVED

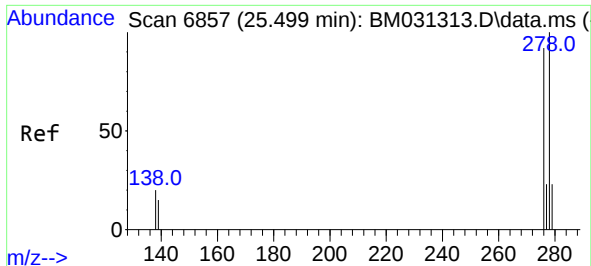
mohammad
8/2/2021 3:41:45 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.110 ng/ul
RT: 25.482 min Scan# 6850
Delta R.T. -0.007 min
Lab File: BM031318.D
Acq: 31 Jul 2021 18:48

Tgt Ion:	276	Resp:	4379
Ion Ratio	Lower	Upper	
276	100		
138	21.7	15.8	23.8
227	0.0	0.0	0.0





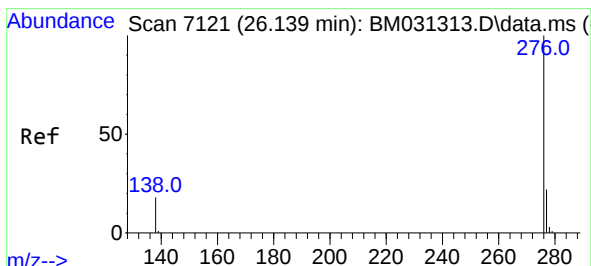
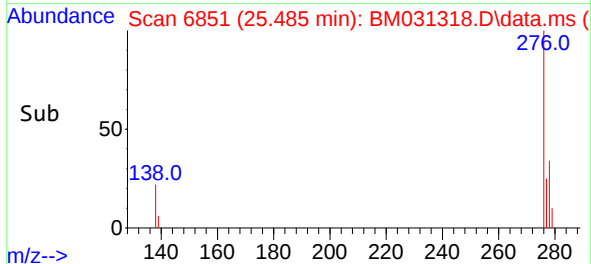
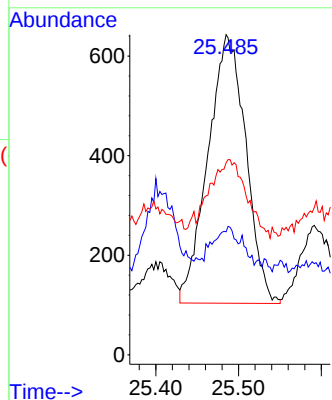
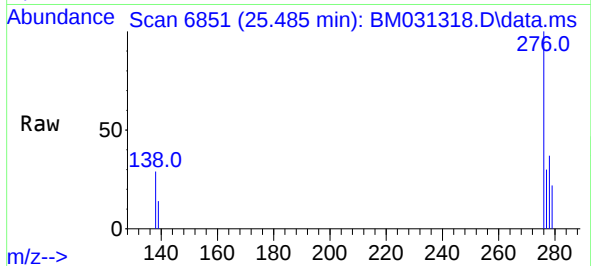
#28
Dibenzo(a,h)anthracene
Concen: 0.053 ng/ul
RT: 25.485 min Scan# 6851
Delta R.T. -0.019 min
Lab File: BM031318.D
Acq: 31 Jul 2021 18:48

Tgt Ion: 278 Resp: 1716
Ion Ratio Lower Upper
278 100
139 38.4 13.3 19.9#
279 60.0 22.8 34.2#

Instrument :
BNA_M
ClientSampled :
C0025DL

Manual Integrations
APPROVED

mohammad
8/2/2021 3:41:45 PM



#29
Benzo(g,h,i)perylene
Concen: 0.116 ng/ul
RT: 26.132 min Scan# 7118
Delta R.T. -0.012 min
Lab File: BM031318.D
Acq: 31 Jul 2021 18:48

Tgt Ion: 276 Resp: 3960
Ion Ratio Lower Upper
276 100
138 26.7 15.4 23.2#
277 30.0 19.9 29.9#

