

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031259.D
 Acq On : 29 Jul 2021 21:36
 Operator : CG/JU
 Sample : M3084-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0026

Manual Integrations
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Quant Time: Jul 30 03:42:11 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 : Wed Jul 28 15:20:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.614	152	1438	0.400	ng/ul	0.00
4) Naphthalene-d8	10.374	136	5449	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.243	164	3341	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.992	188	6386	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.180	240	5048	0.400	ng/ul	# 0.00
23) Perylene-d12	23.348	264	5050	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	3266	2.045	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	1155	0.126	ng/ul	0.00
18) Fluoranthene-d10	19.024	212	2362	0.140	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.424	128	2931	0.181	ng/ul	97
7) 2-Methylnaphthalene	12.043	142	2301	0.208	ng/ul	100
8) 1-Methylnaphthalene	12.268	142	1528	0.139	ng/ul	98
10) Acenaphthylene	13.963	152	557	0.039	ng/ul#	76
11) Acenaphthene	14.307	153	650	0.054	ng/ul	96
12) Fluorene	15.297	166	935	0.068	ng/ul#	89
15) Phenanthrene	17.030	178	6311	0.311	ng/ul	99
16) Anthracene	17.120	178	903	0.048	ng/ul#	79
19) Fluoranthene	19.050	202	5684	0.264	ng/ul#	93
20) Pyrene	19.416	202	6145	0.281	ng/ul#	94
21) Benzo(a)anthracene	21.164	228	2584	0.127	ng/ul#	80
22) Chrysene	21.214	228	5062	0.240	ng/ul#	89
24) Benzo(b)fluoranthene	22.706	252	3984m	0.175	ng/ul	
25) Benzo(k)fluoranthene	22.740	252	1241m	0.053	ng/ul	
26) Benzo(a)pyrene	23.253	252	2190	0.110	ng/ul#	45
27) Indeno(1,2,3-cd)pyrene	25.497	276	1351	0.052	ng/ul#	57
28) Dibenzo(a,h)anthracene	25.497	278	509	0.025	ng/ul#	1
29) Benzo(g,h,i)perylene	26.149	276	1272	0.058	ng/ul#	68

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

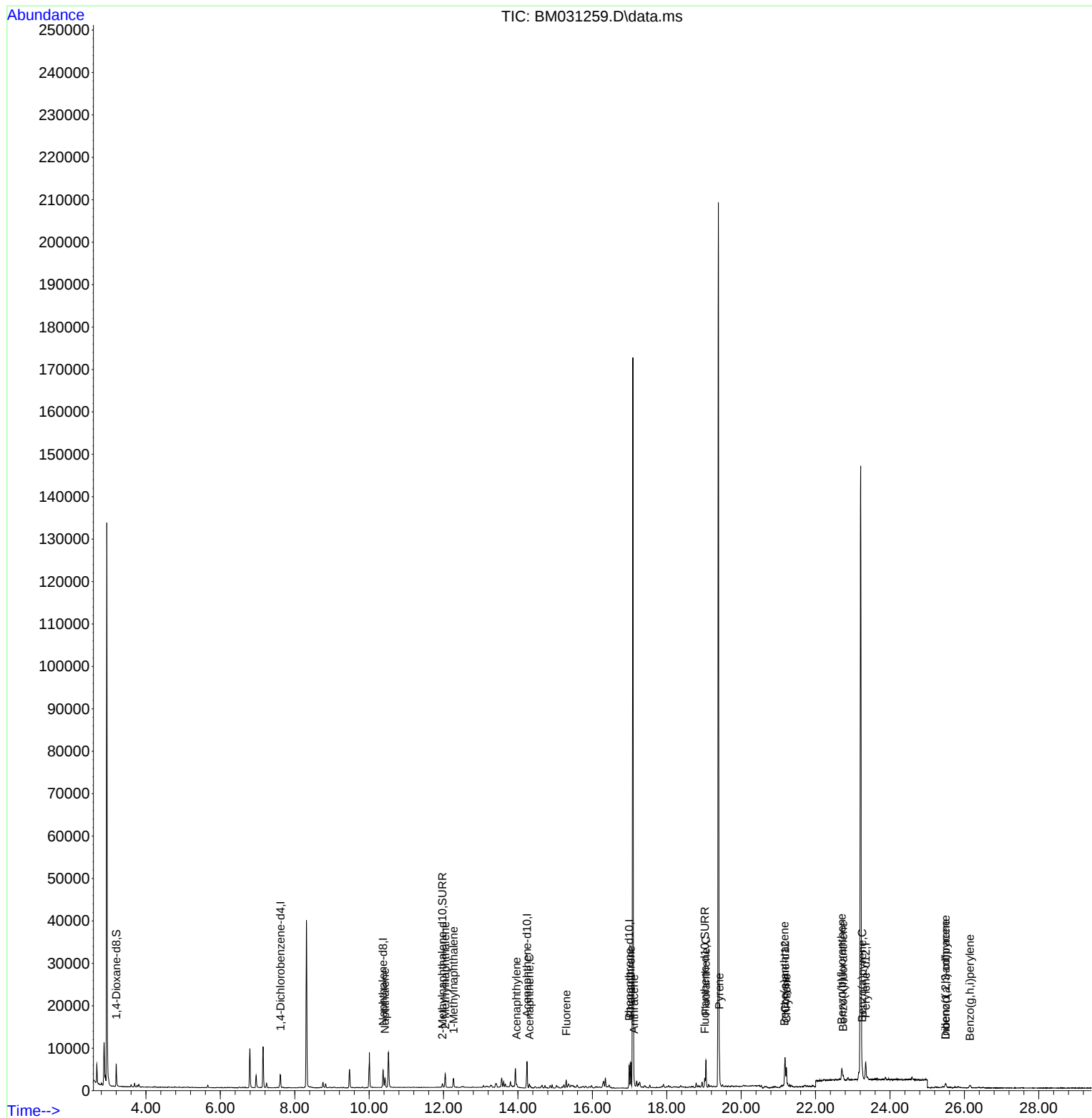
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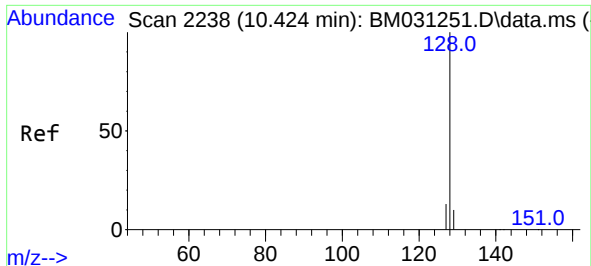
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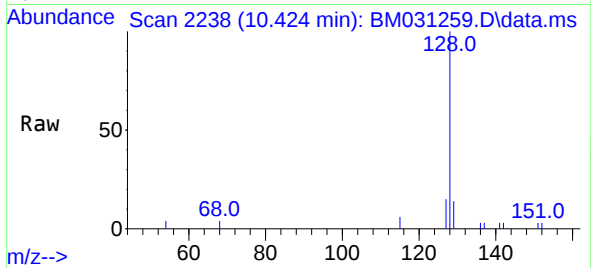
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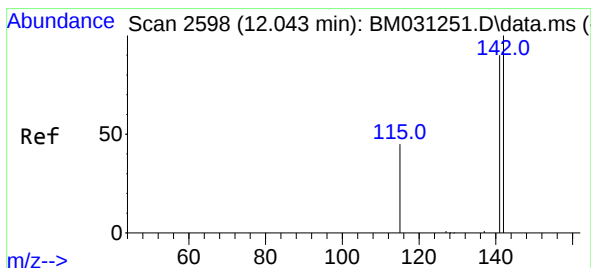
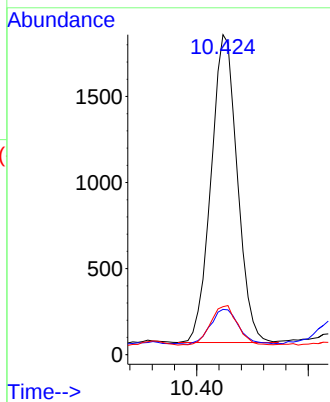
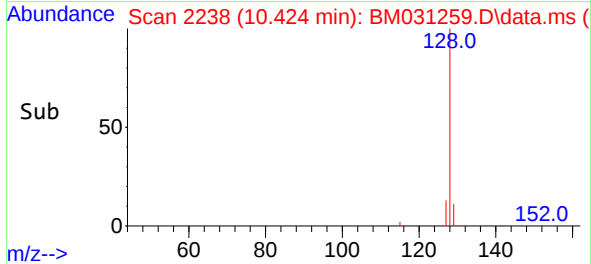




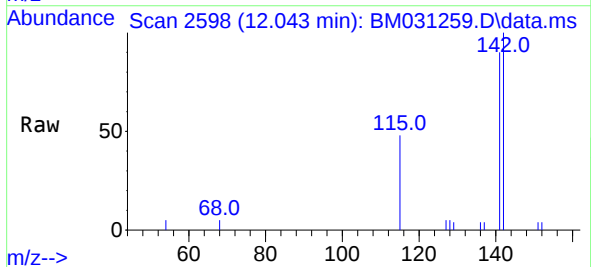
#5
Naphthalene
Concen: 0.181 ng/ul
RT: 10.424 min Scan# 2238
Delta R.T. -0.005 min
Lab File: BM031259.D
Acq: 29 Jul 2021 21:36



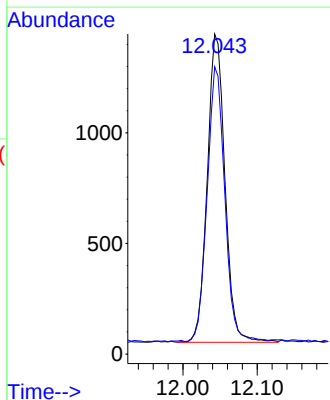
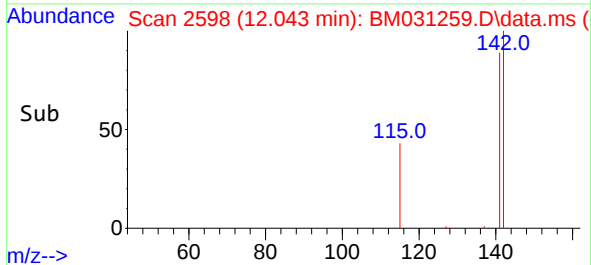
Tgt Ion:128 Resp: 2931
Ion Ratio Lower Upper
128 100
129 14.1 10.0 15.0
127 15.0 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.208 ng/ul
RT: 12.043 min Scan# 2598
Delta R.T. -0.005 min
Lab File: BM031259.D
Acq: 29 Jul 2021 21:36



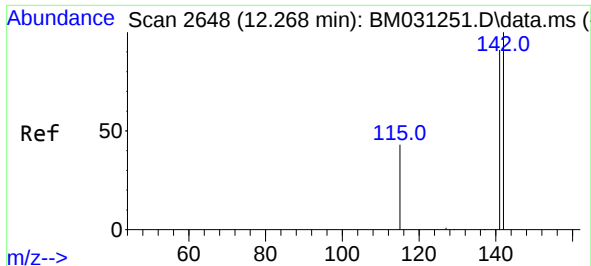
Tgt Ion:142 Resp: 2301
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.0



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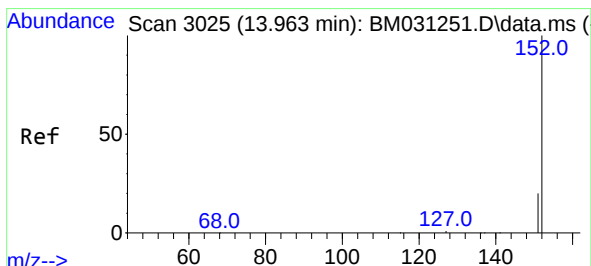
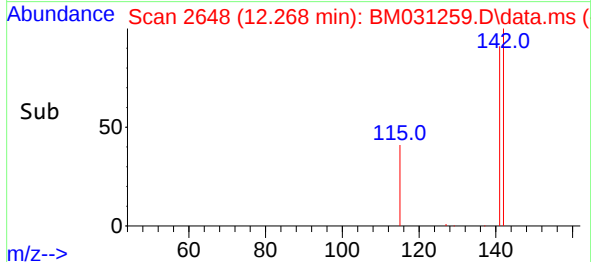
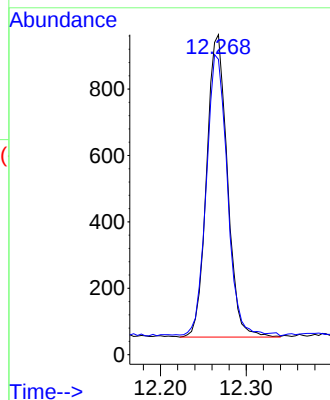
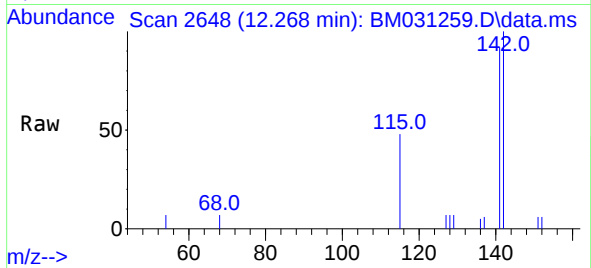
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1-Methylnaphthalene
Concen: 0.139 ng/ul
RT: 12.268 min Scan# 2648
Delta R.T. -0.000 min
Lab File: BM031259.D
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Tgt Ion:142 Resp: 1528
Ion Ratio Lower Upper
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141 94.8 74.1 111.1

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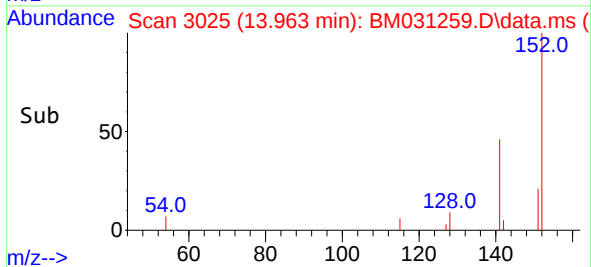
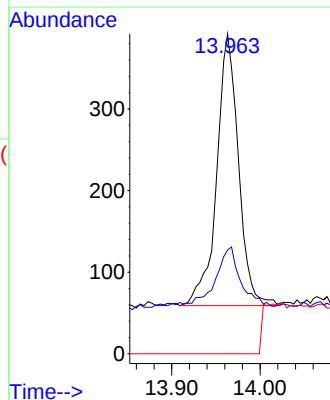
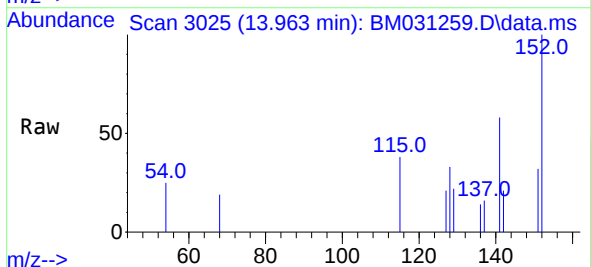
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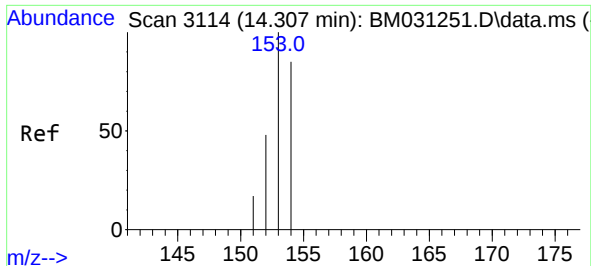
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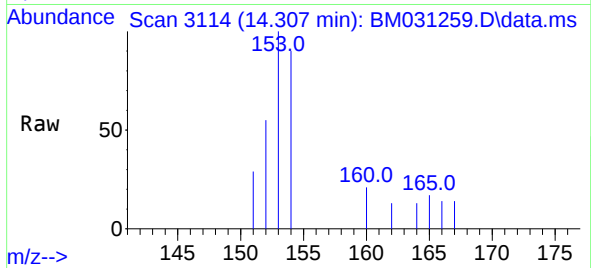
#10
Acenaphthylene
Concen: 0.039 ng/ul
RT: 13.963 min Scan# 3025
Delta R.T. -0.005 min
Lab File: BM031259.D
Acq: 29 Jul 2021 21:36

Tgt Ion:152 Resp: 557
Ion Ratio Lower Upper
152 100
151 32.4 16.9 25.3#
153 0.0 0.0 0.0

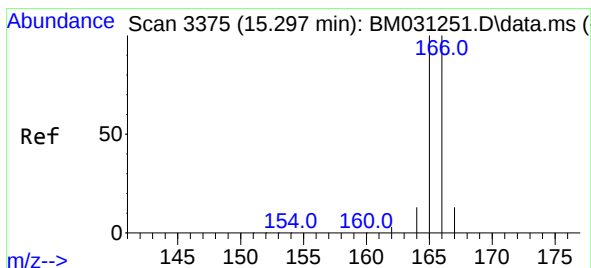
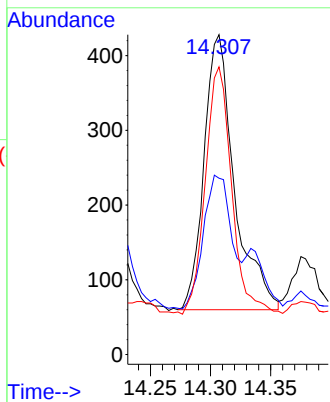
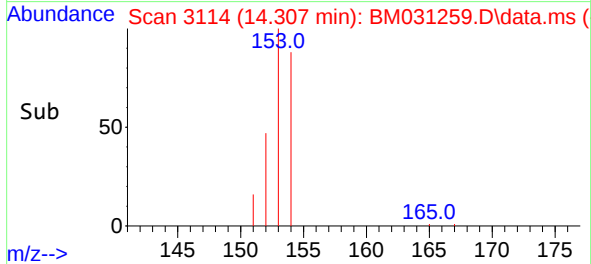




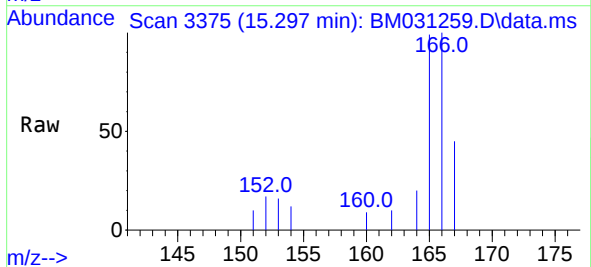
#11
Acenaphthene
Concen: 0.054 ng/ul
RT: 14.307 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM031259.D
Acq: 29 Jul 2021 21:36



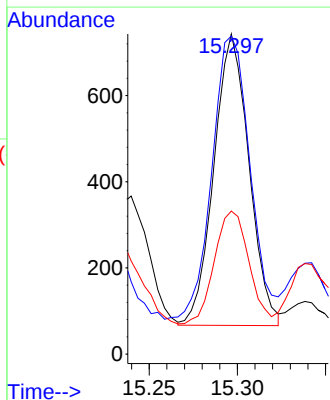
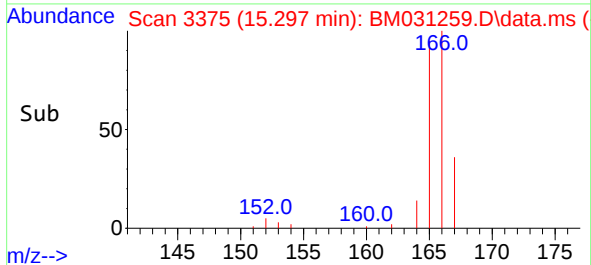
Tgt Ion:153 Resp: 650
Ion Ratio Lower Upper
153 100
152 55.1 40.7 61.1
154 90.0 70.2 105.2



#12
Fluorene
Concen: 0.068 ng/ul
RT: 15.297 min Scan# 3375
Delta R.T. -0.004 min
Lab File: BM031259.D
Acq: 29 Jul 2021 21:36



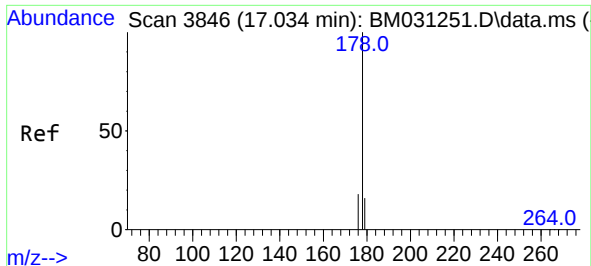
Tgt Ion:166 Resp: 935
Ion Ratio Lower Upper
166 100
165 99.3 78.0 117.0
167 44.7 12.0 18.0#



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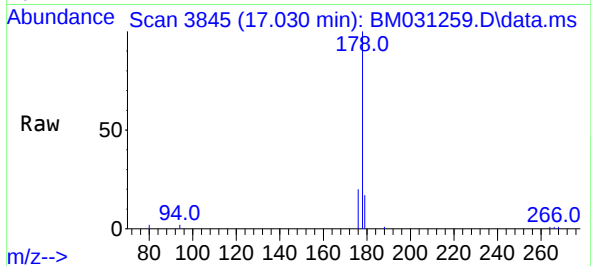
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#15
Phenanthrene
Concen: 0.311 ng/u1
RT: 17.030 min Scan# 3845
Delta R.T. -0.004 min
Lab File: BM031259.D
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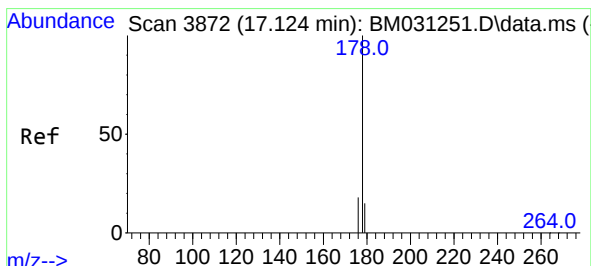
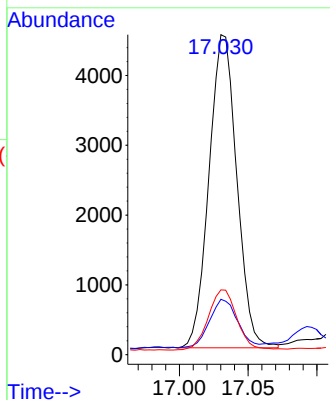
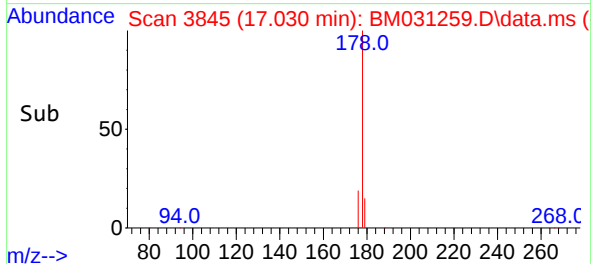
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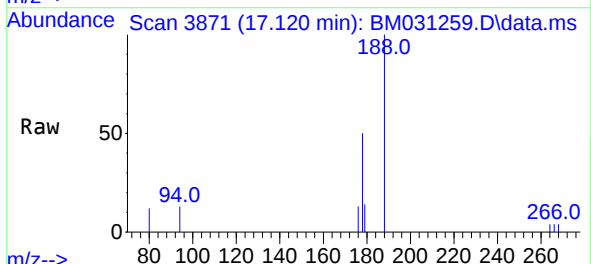
Tgt Ion:178 Resp: 6311
Ion Ratio Lower Upper
178 100
179 17.3 13.3 19.9
176 20.2 16.2 24.4

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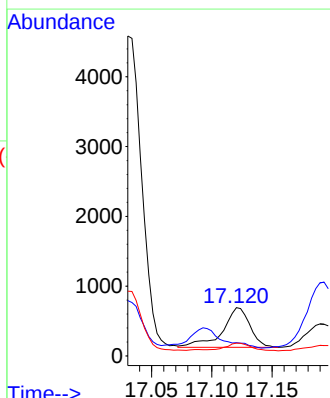
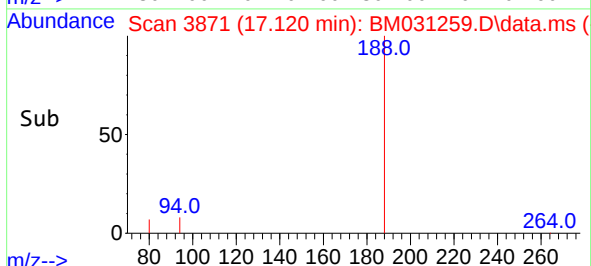
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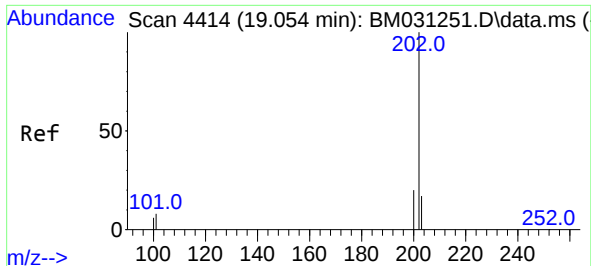


#16
Anthracene
Concen: 0.048 ng/u1
RT: 17.120 min Scan# 3871
Delta R.T. -0.004 min
Lab File: BM031259.D
Acq: 29 Jul 2021 21:36



Tgt Ion:178 Resp: 903
Ion Ratio Lower Upper
178 100
179 27.6 13.0 19.6#
176 26.6 15.6 23.4#





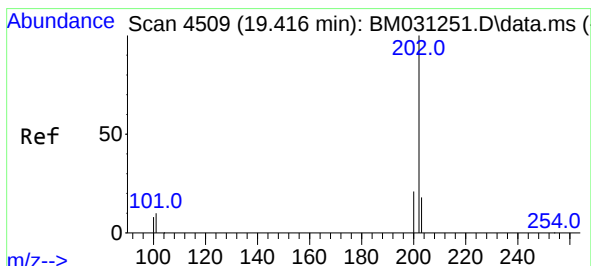
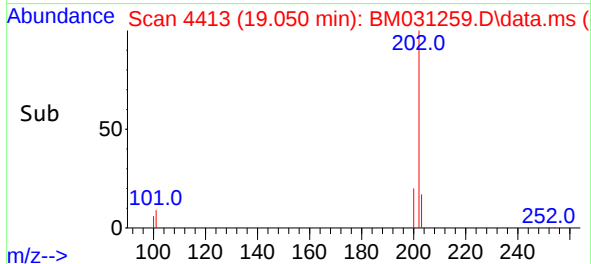
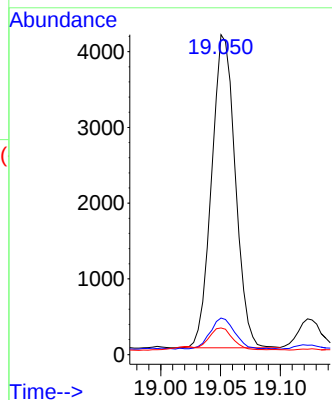
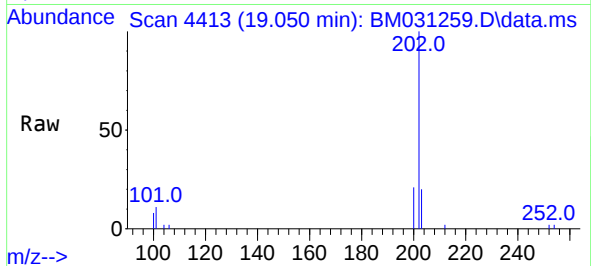
#19
Fluoranthene
Concen: 0.264 ng/ul
RT: 19.050 min Scan# 4413
Delta R.T. -0.004 min
Lab File: BM031259.D
Acq: 29 Jul 2021 21:36

Tgt Ion:	202	Resp:	5684
Ion Ratio	Lower	Upper	
202	100		
101	11.4	6.6	10.0#
100	8.3	5.4	8.0#

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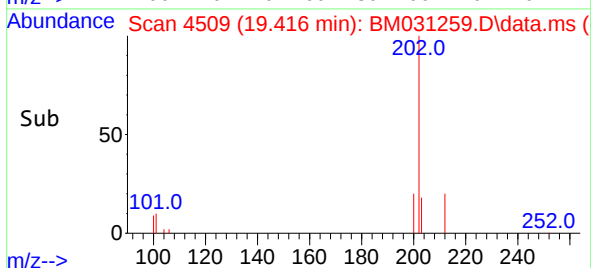
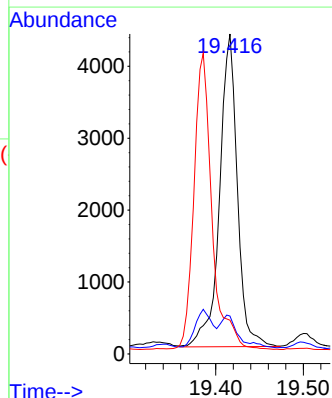
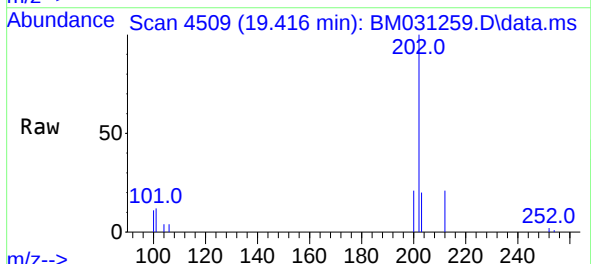
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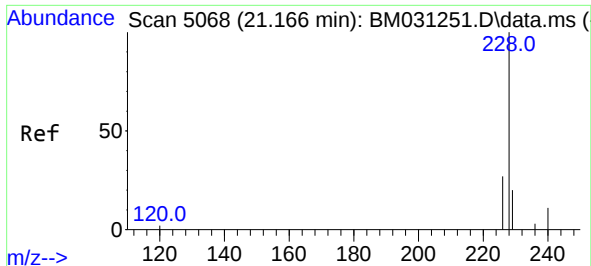
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#20
Pyrene
Concen: 0.281 ng/ul
RT: 19.416 min Scan# 4509
Delta R.T. -0.000 min
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Tgt Ion:	202	Resp:	6145
Ion Ratio	Lower	Upper	
202	100		
101	11.8	7.8	11.6#
100	10.5	6.6	10.0#





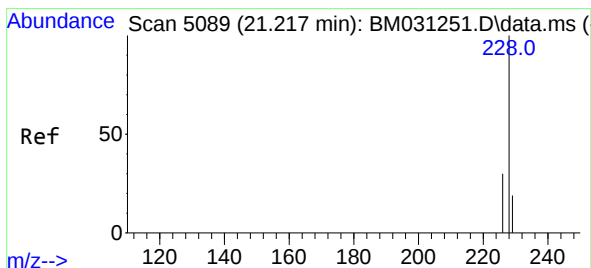
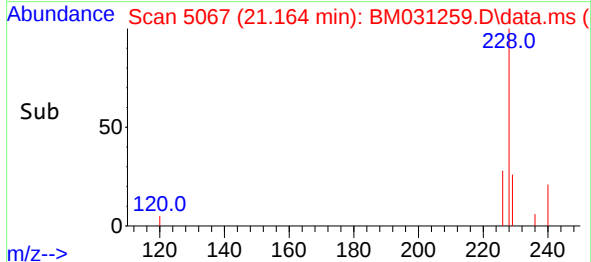
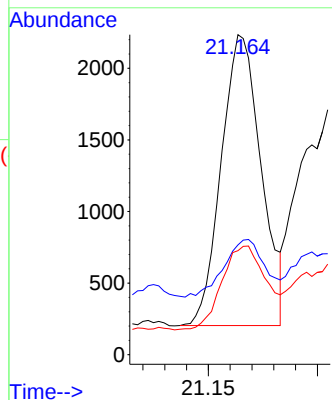
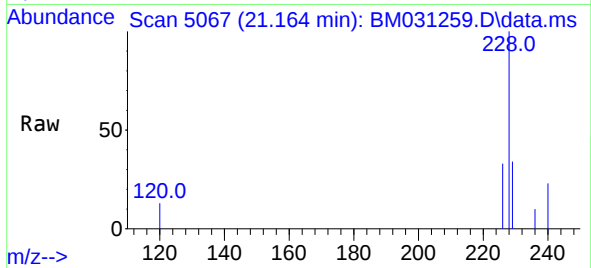
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Benzo(a)anthracene
Concen: 0.127 ng/ul
RT: 21.164 min Scan# 5067
Delta R.T. -0.003 min
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Tgt Ion:	228	Resp:	2584
Ion Ratio	Lower	Upper	
228	100		
229	34.3	15.6	23.4#
226	32.5	21.7	32.5#

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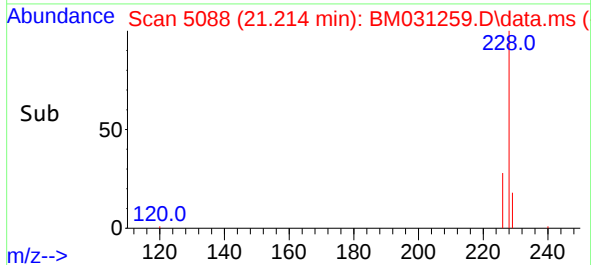
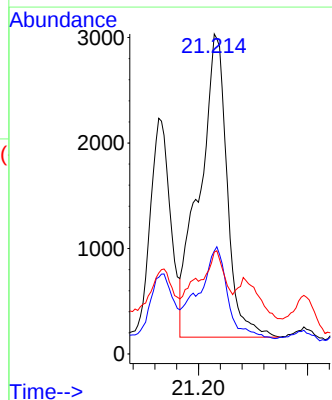
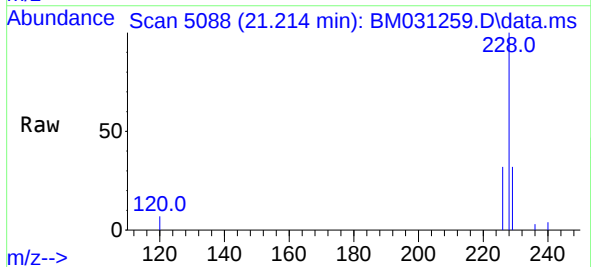
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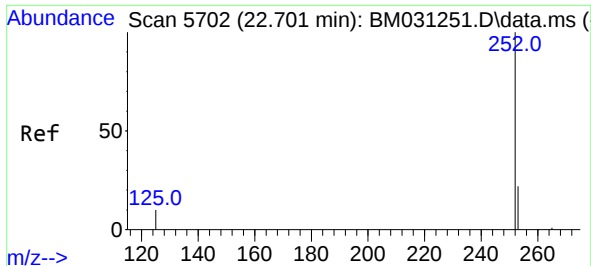
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#22
Chrysene
Concen: 0.240 ng/ul
RT: 21.214 min Scan# 5088
Delta R.T. -0.003 min
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Tgt Ion:	228	Resp:	5062
Ion Ratio	Lower	Upper	
228	100		
226	32.2	24.7	37.1
229	31.8	16.2	24.2#





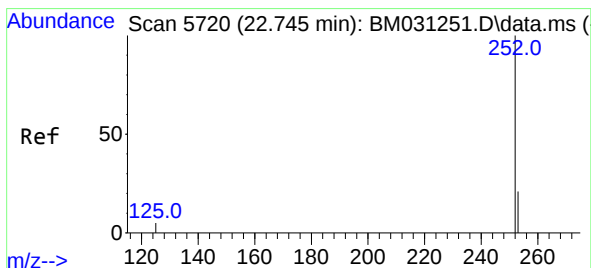
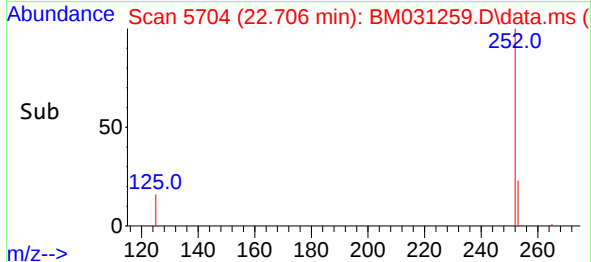
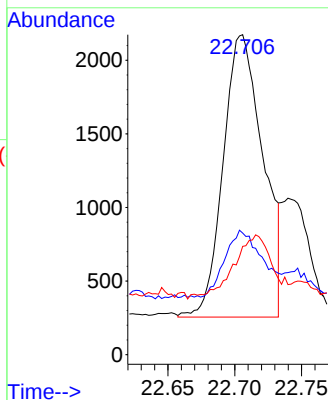
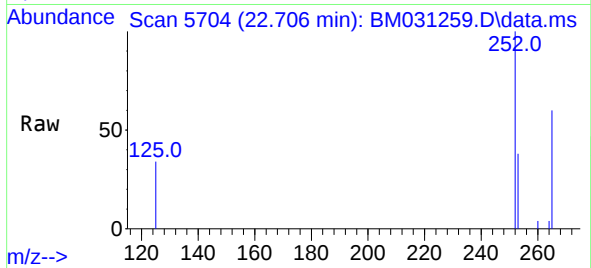
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Benzo(b)fluoranthene
Concen: 0.175 ng/ul m
RT: 22.706 min Scan# 5704
Delta R.T. -0.000 min
Lab File: BM031259.D
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Tgt Ion:252 Resp: 3984
Ion Ratio Lower Upper
252 100
253 38.0 0.0 53.0
125 33.9 0.0 22.8#

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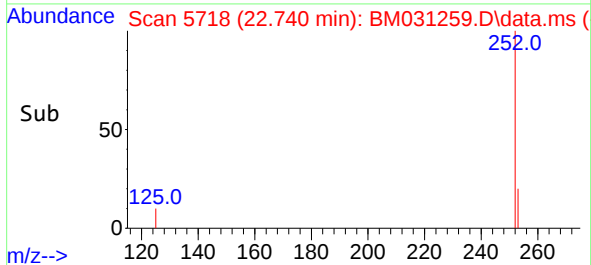
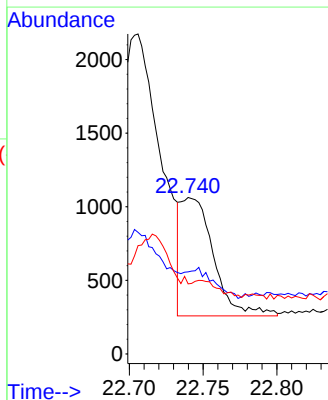
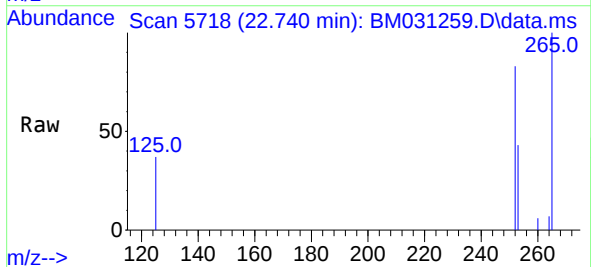
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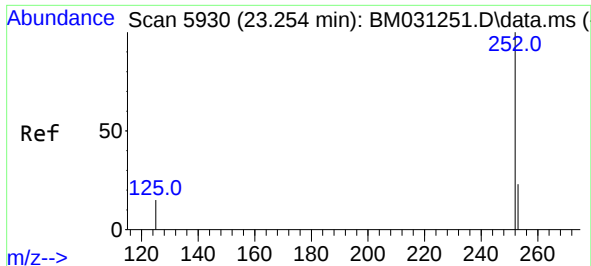
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#25
Benzo(k)fluoranthene
Concen: 0.053 ng/ul m
RT: 22.740 min Scan# 5718
Delta R.T. -0.007 min
Lab File: BM031259.D
Acq: 29 Jul 2021 21:36

Tgt Ion:252 Resp: 1241
Ion Ratio Lower Upper
252 100
253 52.5 21.3 31.9#
125 44.8 8.8 13.2#





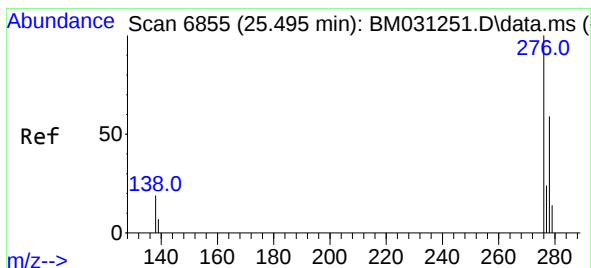
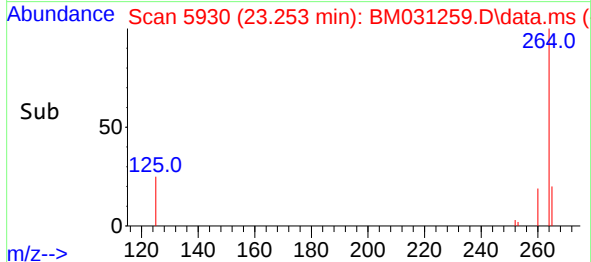
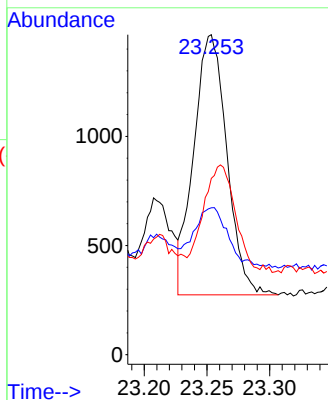
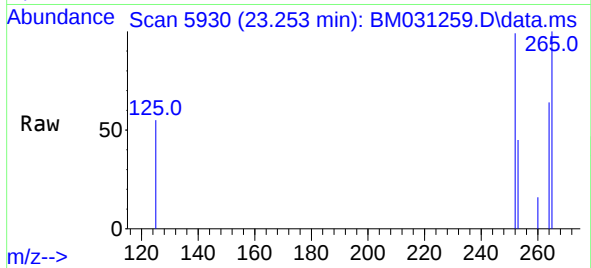
#26
Benzo(a)pyrene
Concen: 0.110 ng/ul
RT: 23.253 min Scan# 5930
Delta R.T. -0.003 min
Lab File: BM031259.D
Acq: 29 Jul 2021 21:36

Tgt Ion:252 Resp: 2190
Ion Ratio Lower Upper
252 100
253 45.9 22.4 33.6#
125 55.1 13.0 19.4#

Instrument :
BNA_M
ClientSampled :
C0026

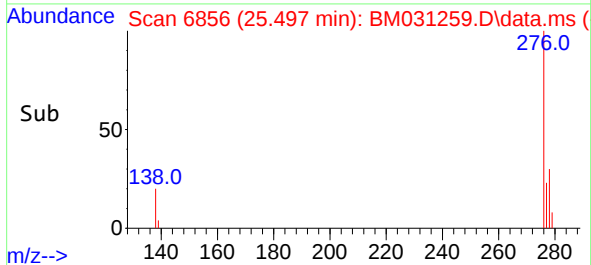
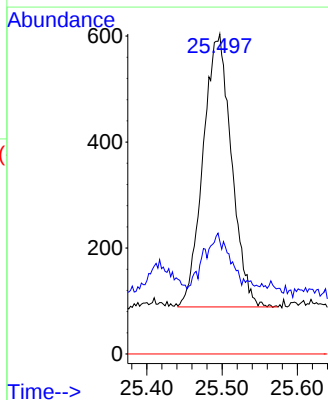
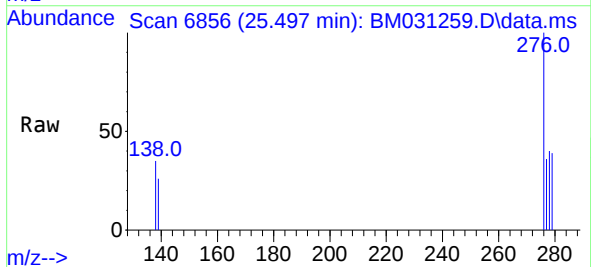
Manual Integrations
APPROVED

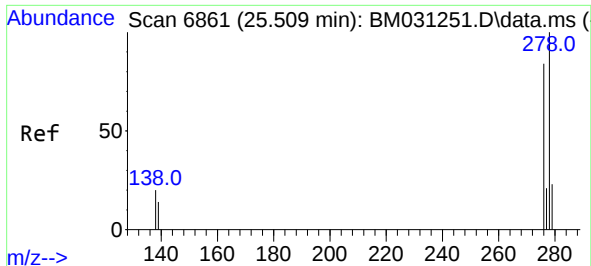
mohammad
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.052 ng/ul
RT: 25.497 min Scan# 6856
Delta R.T. -0.000 min
Lab File: BM031259.D
Acq: 29 Jul 2021 21:36

Tgt Ion:276 Resp: 1351
Ion Ratio Lower Upper
276 100
138 0.0 15.8 23.8#
227 0.0 0.0 0.0





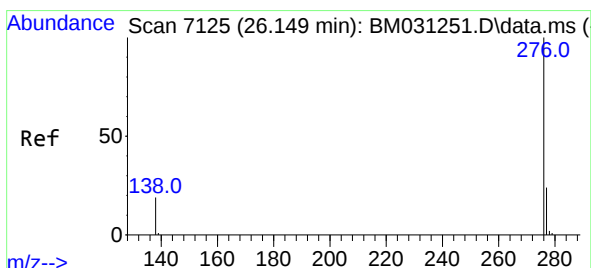
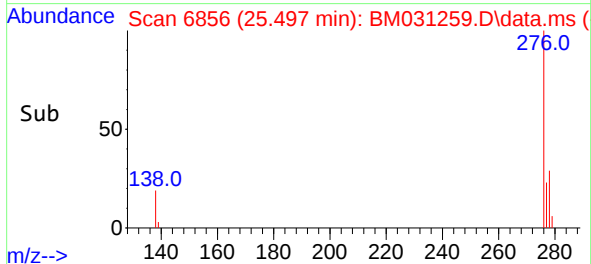
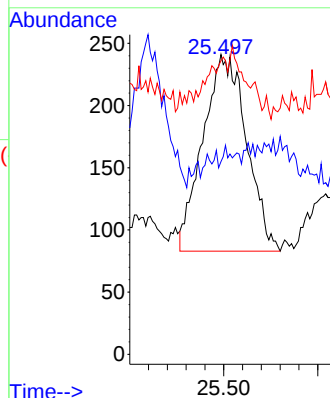
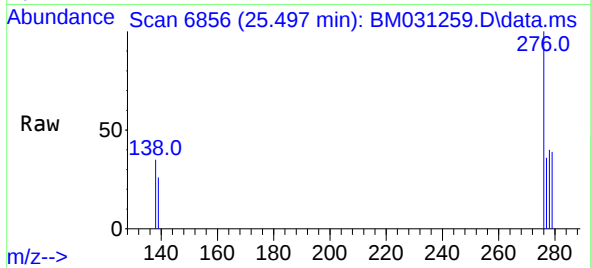
#28
Dibenzo(a,h)anthracene
Concen: 0.025 ng/ul
RT: 25.497 min Scan# 6856
Delta R.T. -0.017 min
Lab File: BM031259.D
Acq: 29 Jul 2021 21:36

Tgt Ion: 278 Resp: 509
Ion Ratio Lower Upper
278 100
139 64.3 13.3 19.9#
279 97.9 22.8 34.2#

Instrument :
BNA_M
ClientSampled :
C0026

Manual Integrations
APPROVED

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#29
Benzo(g,h,i)perylene
Concen: 0.058 ng/ul
RT: 26.149 min Scan# 7125
Delta R.T. -0.000 min
Lab File: BM031259.D
Acq: 29 Jul 2021 21:36

Tgt Ion: 276 Resp: 1272
Ion Ratio Lower Upper
276 100
138 38.5 15.4 23.2#
277 36.9 19.9 29.9#

