

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072821\
 Data File : BM031232.D
 Acq On : 29 Jul 2021 04:59
 Operator : CG/JU
 Sample : M3082-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0017

Manual Integrations
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Quant Time: Jul 29 06:55:47 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	2345	0.400	ng/ul	0.00
4) Naphthalene-d8	10.374	136	8639	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.242	164	5361	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.988	188	10235	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.178	240	7598	0.400	ng/ul	# 0.00
23) Perylene-d12	23.348	264	7513	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	6918	2.656	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	2713	0.186	ng/ul	0.00
18) Fluoranthene-d10	19.024	212	5300	0.209	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.424	128	9416	0.366	ng/ul	98
7) 2-Methylnaphthalene	12.043	142	8094	0.460	ng/ul	100
8) 1-Methylnaphthalene	12.263	142	5357	0.308	ng/ul	99
10) Acenaphthylene	13.963	152	16515	0.723	ng/ul	99
11) Acenaphthene	14.307	153	2972	0.155	ng/ul	99
12) Fluorene	15.297	166	6646	0.301	ng/ul#	96
15) Phenanthrene	17.030	178	154621	4.757	ng/ul	97
16) Anthracene	17.124	178	33702	1.108	ng/ul	99
19) Fluoranthene	19.050	202	460710	14.200	ng/ul	97
20) Pyrene	19.416	202	279631	8.498	ng/ul	97
21) Benzo(a)anthracene	21.164	228	186518	6.079	ng/ul	97
22) Chrysene	21.217	228	194147	6.116	ng/ul	97
24) Benzo(b)fluoranthene	22.703	252	269245m	7.954	ng/ul	
25) Benzo(k)fluoranthene	22.740	252	99710m	2.851	ng/ul	
26) Benzo(a)pyrene	23.253	252	87010	2.935	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.492	276	88082	2.298	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.499	278	31290	1.013	ng/ul	96
29) Benzo(g,h,i)perylene	26.146	276	5536	0.169	ng/ul#	68

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

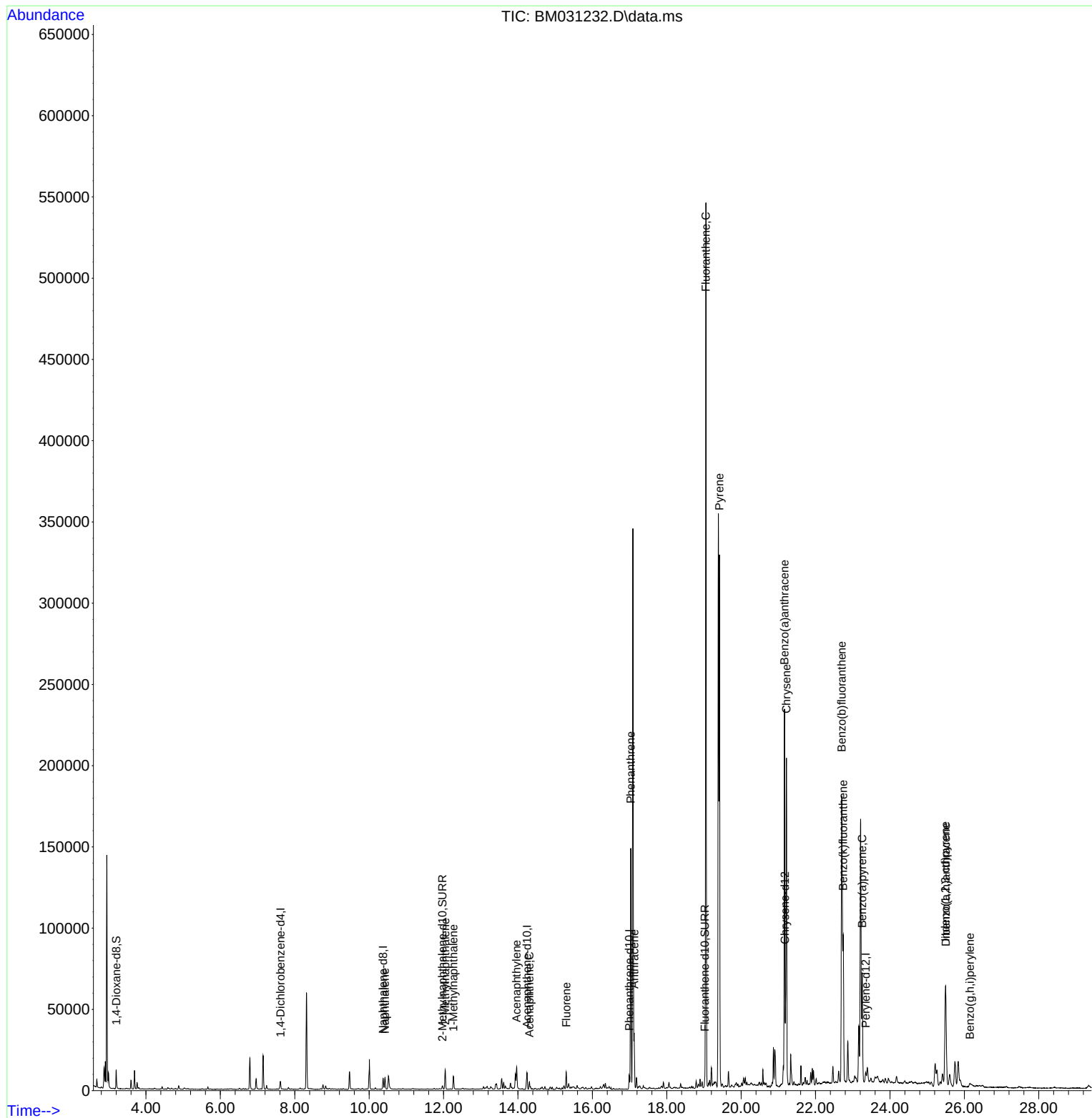
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Data File : BM031232.D
Acq On : 29 Jul 2021 04:59
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ALS Vial : 20 Sample Multiplier: 1

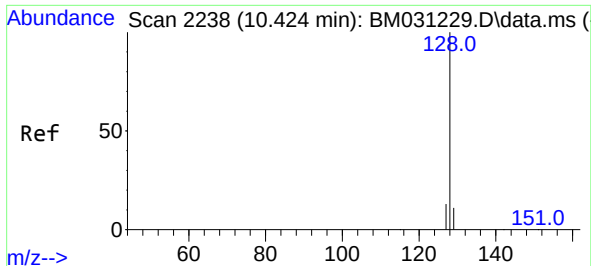
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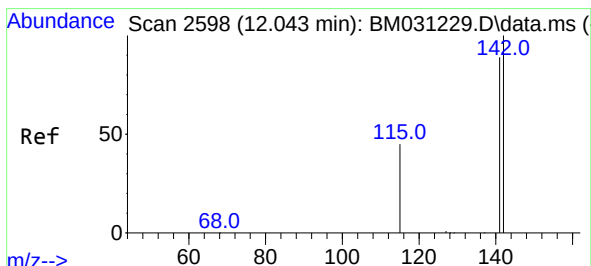
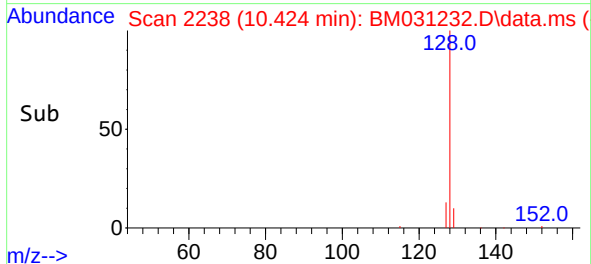
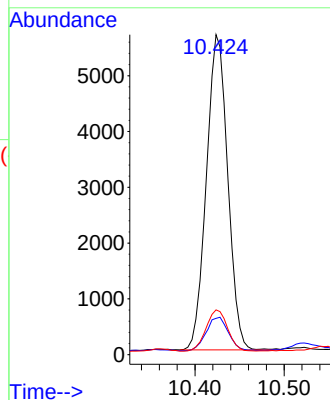
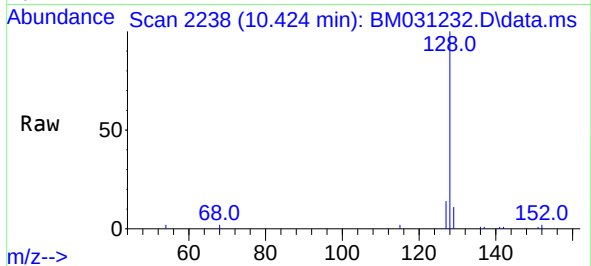
#5
Naphthalene
Concen: 0.366 ng/ul
RT: 10.424 min Scan# 2238
Delta R.T. -0.005 min
Lab File: BM031232.D
Acq: 29 Jul 2021 04:59

Tgt Ion:	128	Resp:	9416
Ion Ratio	Lower	Upper	
128	100		
129	11.4	10.0	15.0
127	14.0	11.6	17.4

Instrument :
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ClientSampled :
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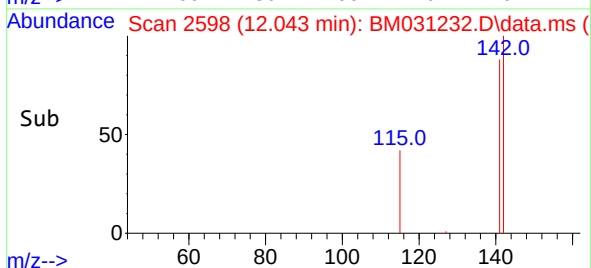
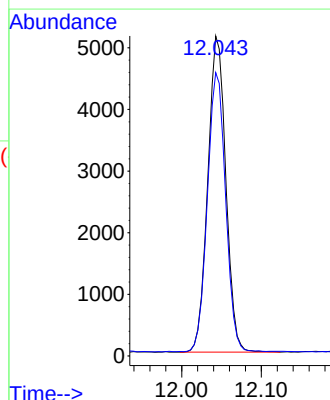
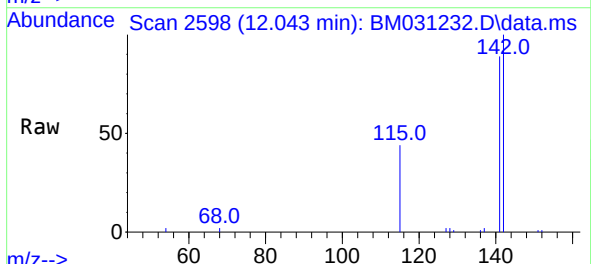
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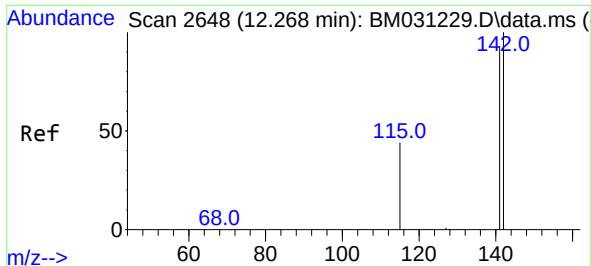
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#7
2-Methylnaphthalene
Concen: 0.460 ng/ul
RT: 12.043 min Scan# 2598
Delta R.T. -0.005 min
Lab File: BM031232.D
Acq: 29 Jul 2021 04:59

Tgt Ion:	142	Resp:	8094
Ion Ratio	Lower	Upper	
142	100		
141	89.1	71.4	107.0





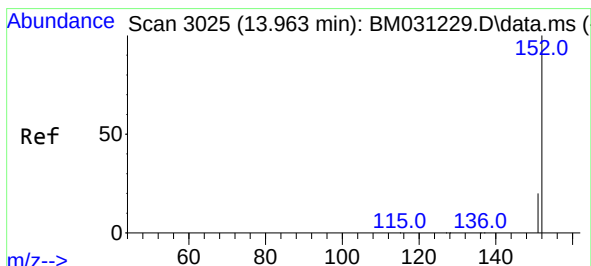
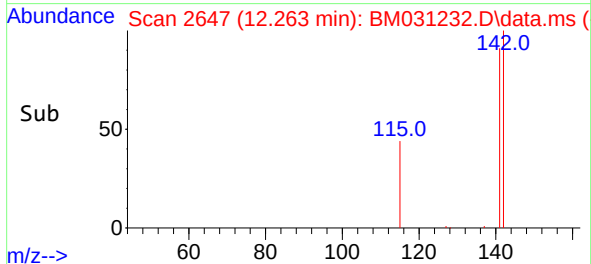
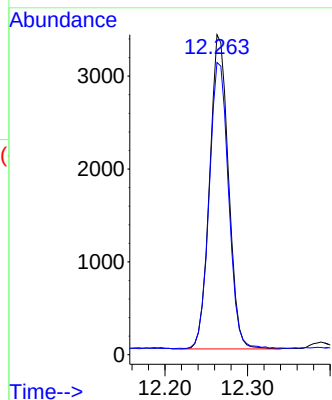
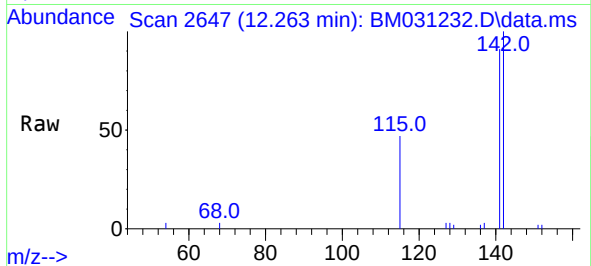
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1-Methylnaphthalene
Concen: 0.308 ng/ul
RT: 12.263 min Scan# 2647
Delta R.T. -0.005 min
Lab File: BM031232.D
Acq: 29 Jul 2021 04:59

Tgt Ion:142 Resp: 5357
Ion Ratio Lower Upper
142 100
141 93.4 74.1 111.1

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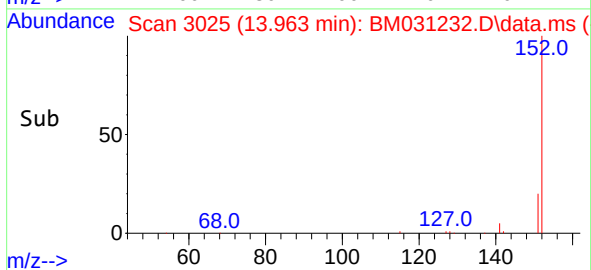
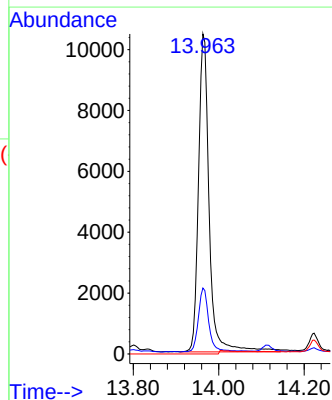
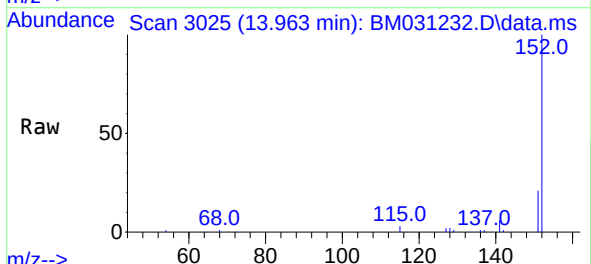
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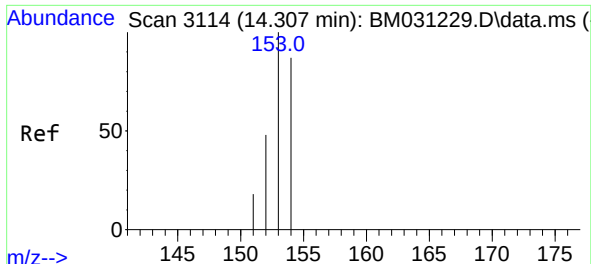
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#10
Acenaphthylene
Concen: 0.723 ng/ul
RT: 13.963 min Scan# 3025
Delta R.T. -0.005 min
Lab File: BM031232.D
Acq: 29 Jul 2021 04:59

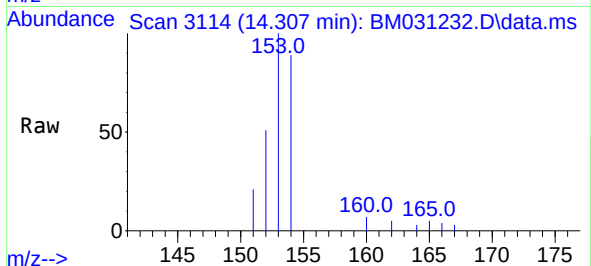
Tgt Ion:152 Resp: 16515
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.155 ng/ul
RT: 14.307 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM031232.D
Acq: 29 Jul 2021 04:59

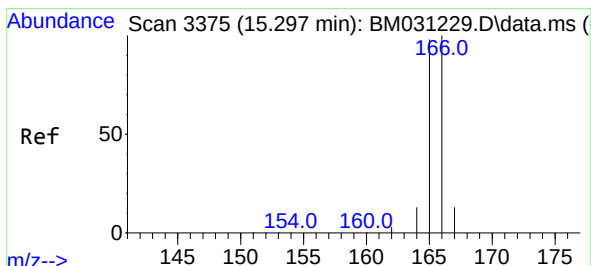
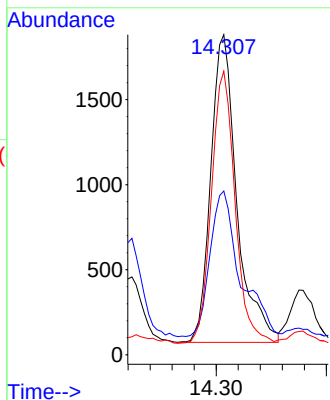
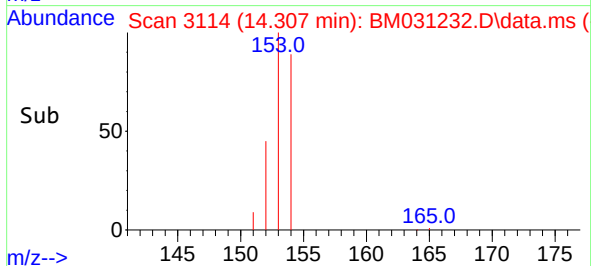
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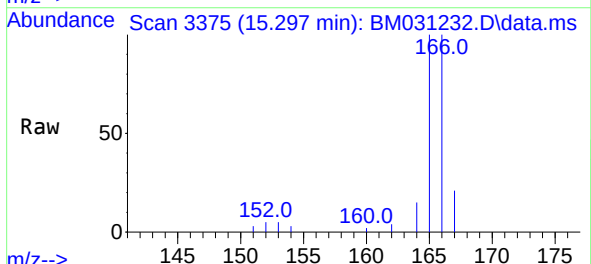
Tgt Ion:153 Resp: 2972
Ion Ratio Lower Upper
153 100
152 51.2 40.7 61.1
154 88.6 70.2 105.2

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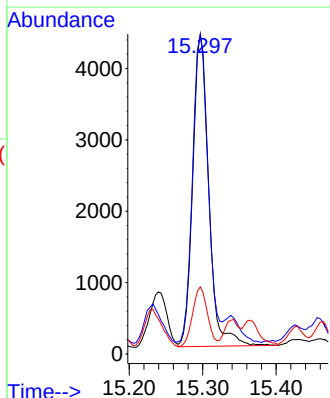
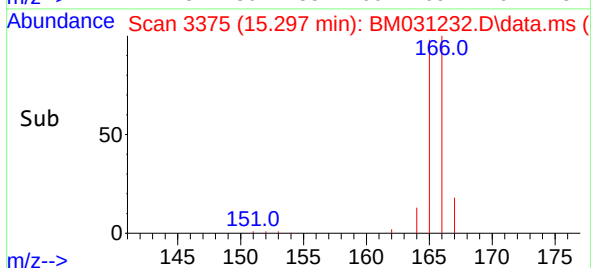
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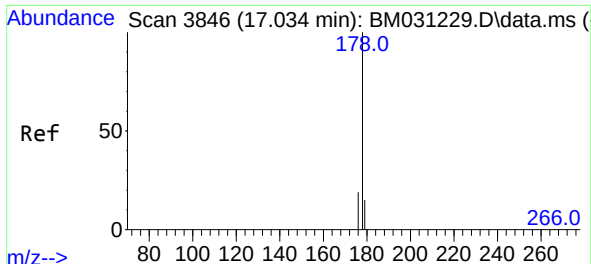


#12
Fluorene
Concen: 0.301 ng/ul
RT: 15.297 min Scan# 3375
Delta R.T. -0.004 min
Lab File: BM031232.D
Acq: 29 Jul 2021 04:59



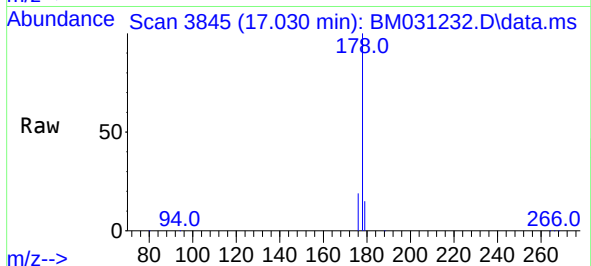
Tgt Ion:166 Resp: 6646
Ion Ratio Lower Upper
166 100
165 99.7 78.0 117.0
167 21.0 12.0 18.0#





#15
Phenanthrene
Concen: 4.757 ng/ul
RT: 17.030 min Scan# 3845
Delta R.T. -0.004 min
Lab File: BM031232.D
Acq: 29 Jul 2021 04:59

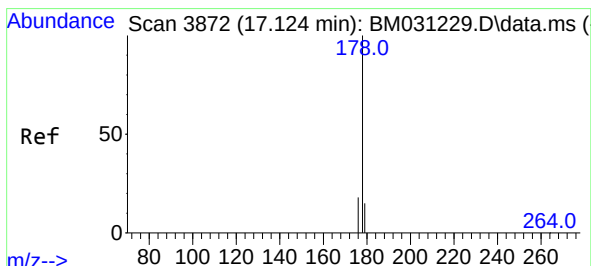
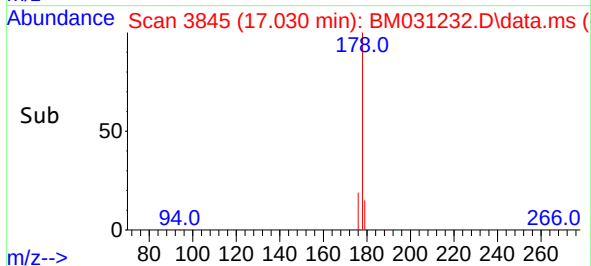
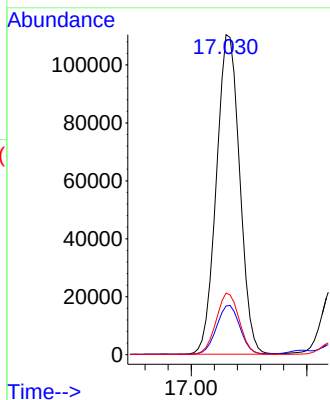
Instrument :
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Tgt Ion:178 Resp: 154621
Ion Ratio Lower Upper
178 100
179 15.2 13.3 19.9
176 19.3 16.2 24.4

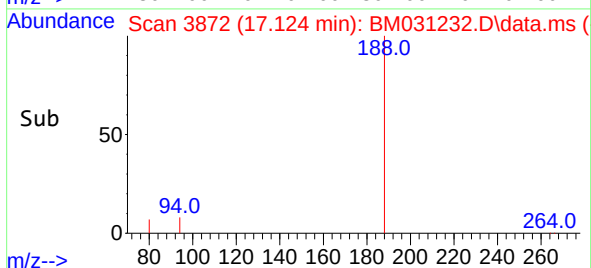
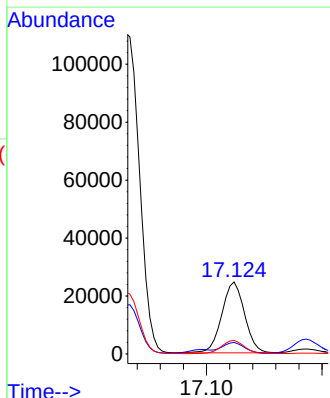
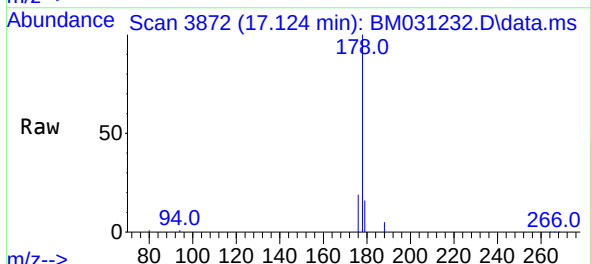
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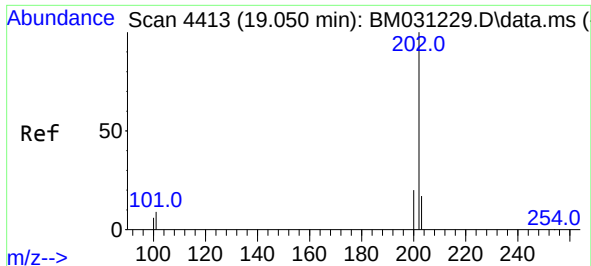
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#16
Anthracene
Concen: 1.108 ng/ul
RT: 17.124 min Scan# 3872
Delta R.T. -0.000 min
Lab File: BM031232.D
Acq: 29 Jul 2021 04:59

Tgt Ion:178 Resp: 33702
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.6
176 18.9 15.6 23.4





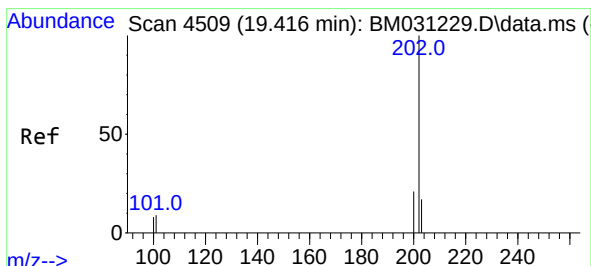
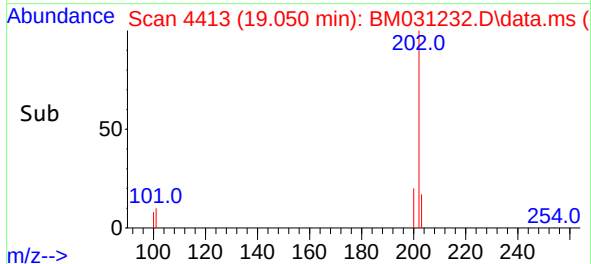
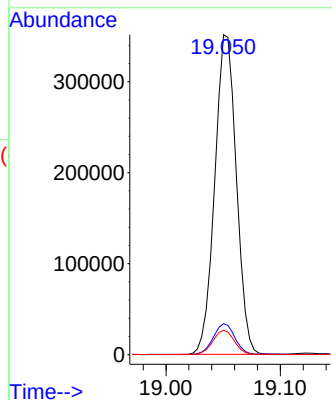
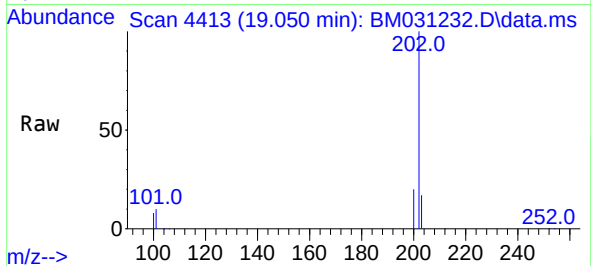
#19
Fluoranthene
Concen: 14.200 ng/ul
RT: 19.050 min Scan# 4413
Delta R.T. -0.004 min
Lab File: BM031232.D
Acq: 29 Jul 2021 04:59

Tgt Ion:	202	Resp:	460710
Ion Ratio	Lower	Upper	
202	100		
101	9.7	6.6	10.0
100	7.7	5.4	8.0

Instrument :
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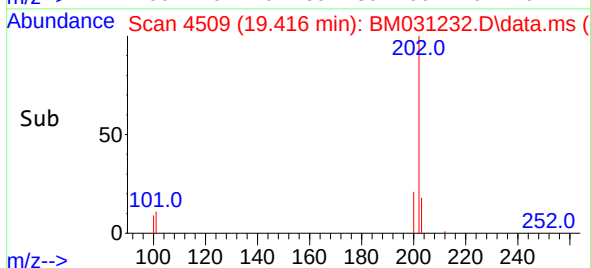
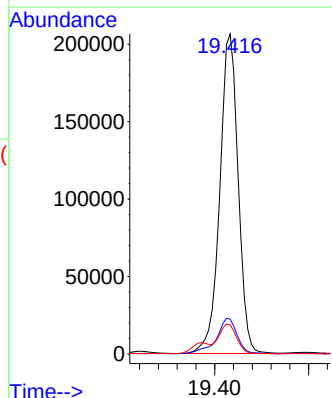
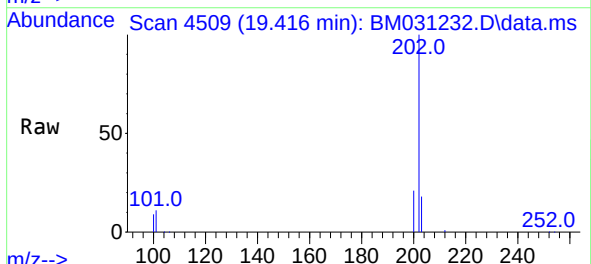
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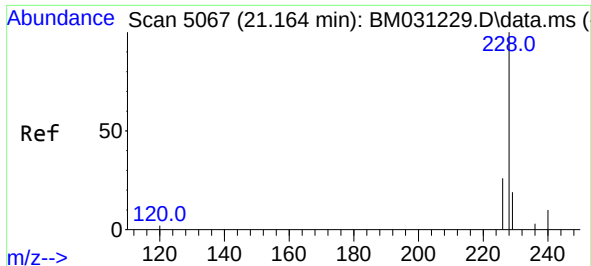
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#20
Pyrene
Concen: 8.498 ng/ul
RT: 19.416 min Scan# 4509
Delta R.T. -0.000 min
Lab File: BM031232.D
Acq: 29 Jul 2021 04:59

Tgt Ion:	202	Resp:	279631
Ion Ratio	Lower	Upper	
202	100		
101	10.9	7.8	11.6
100	9.1	6.6	10.0





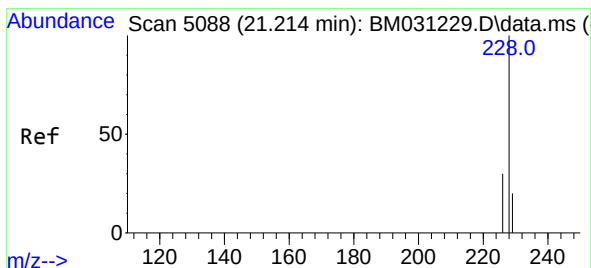
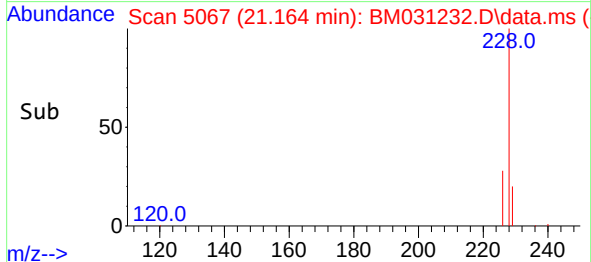
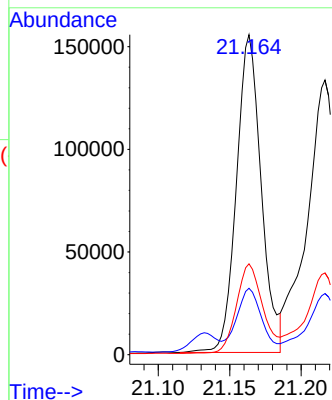
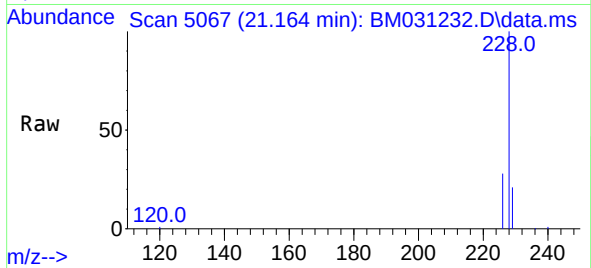
#21
Benzo(a)anthracene
Concen: 6.079 ng/ul
RT: 21.164 min Scan# 5067
Delta R.T. -0.003 min
Lab File: BM031232.D
Acq: 29 Jul 2021 04:59

Tgt Ion:	228	Resp:	186518
Ion Ratio	Lower	Upper	
228	100		
229	20.7	15.6	23.4
226	28.4	21.7	32.5

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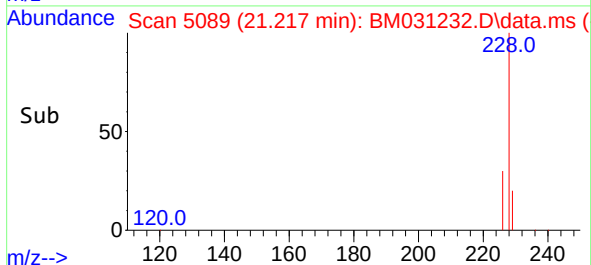
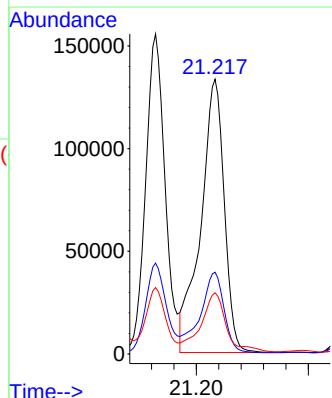
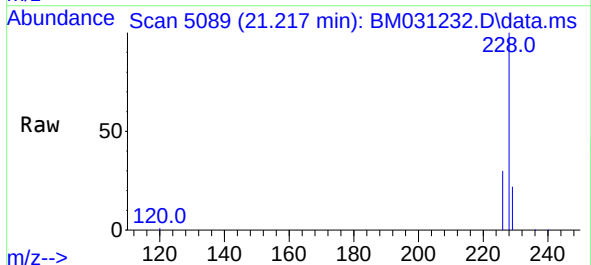
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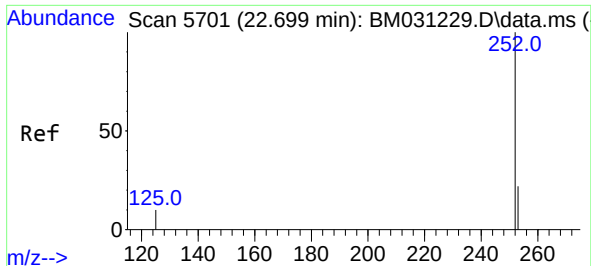
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#22
Chrysene
Concen: 6.116 ng/ul
RT: 21.217 min Scan# 5089
Delta R.T. -0.000 min
Lab File: BM031232.D
Acq: 29 Jul 2021 04:59

Tgt Ion:	228	Resp:	194147
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.7	37.1
229	22.2	16.2	24.2





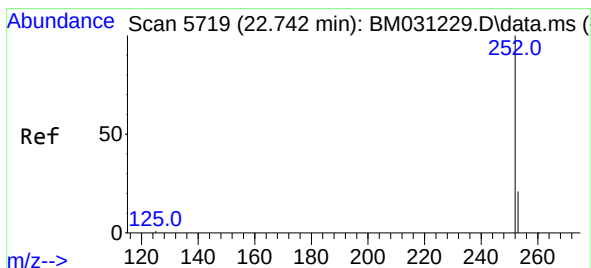
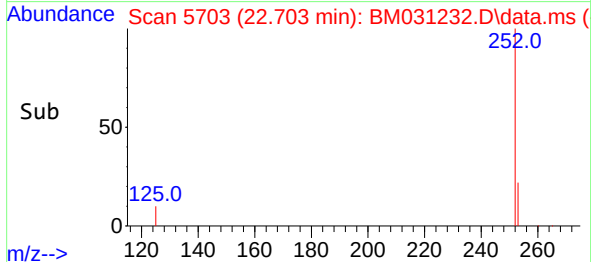
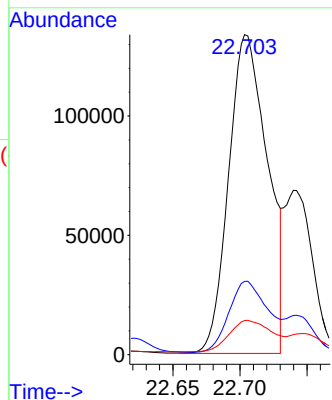
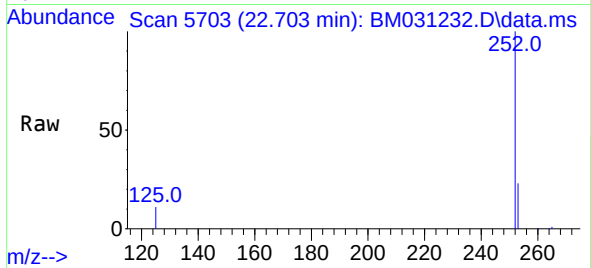
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Benzo(b)fluoranthene
Concen: 7.954 ng/ul m
RT: 22.703 min Scan# 5703
Delta R.T. -0.003 min
Lab File: BM031232.D
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Tgt Ion:252 Resp: 269245
Ion Ratio Lower Upper
252 100
253 22.9 0.0 53.0
125 10.7 0.0 22.8

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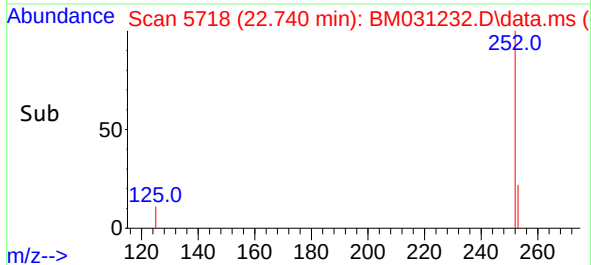
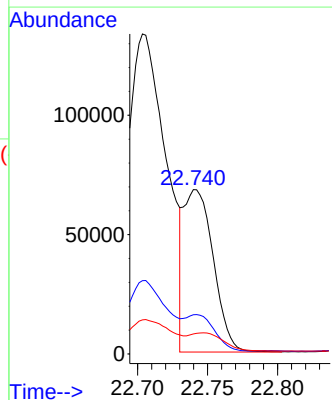
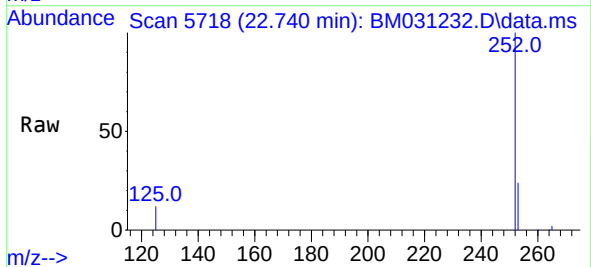
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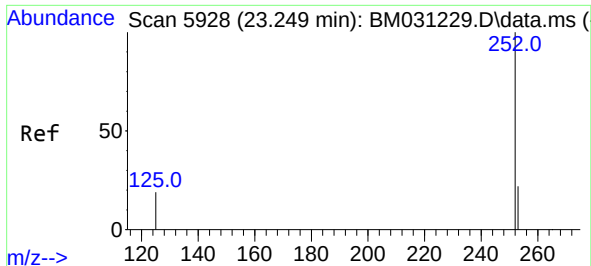
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#25
Benzo(k)fluoranthene
Concen: 2.851 ng/ul m
RT: 22.740 min Scan# 5718
Delta R.T. -0.007 min
Lab File: BM031232.D
Acq: 29 Jul 2021 04:59

Tgt Ion:252 Resp: 99710
Ion Ratio Lower Upper
252 100
253 23.9 21.3 31.9
125 12.2 8.8 13.2





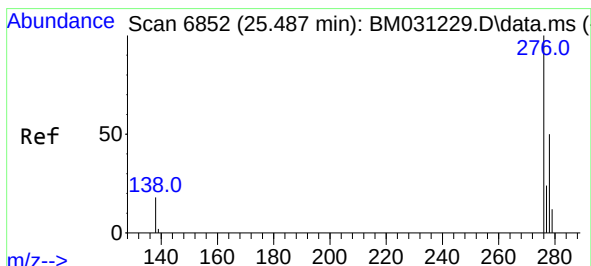
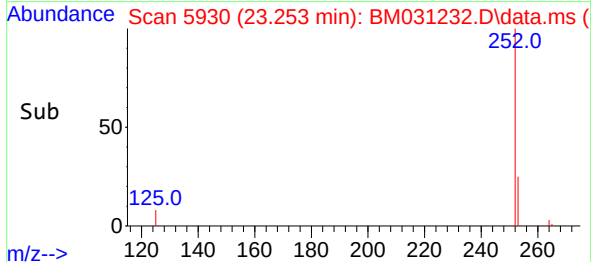
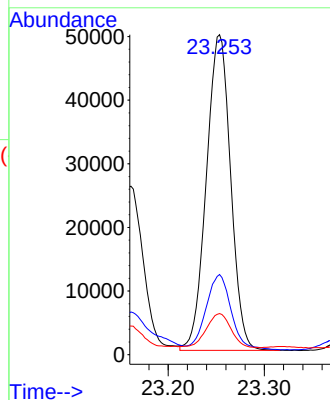
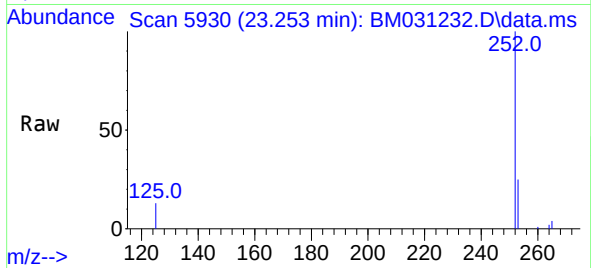
#26
Benzo(a)pyrene
Concen: 2.935 ng/ul
RT: 23.253 min Scan# 5930
Delta R.T. -0.003 min
Lab File: BM031232.D
Acq: 29 Jul 2021 04:59

Tgt Ion:	252	Resp:	87010
Ion Ratio	Lower	Upper	
252	100		
253	25.1	22.4	33.6
125	12.9	13.0	19.4#

Instrument :
BNA_M
ClientSampled :
C0017

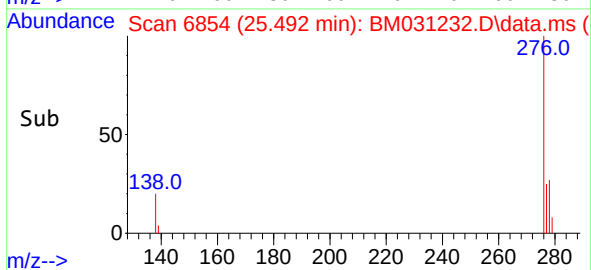
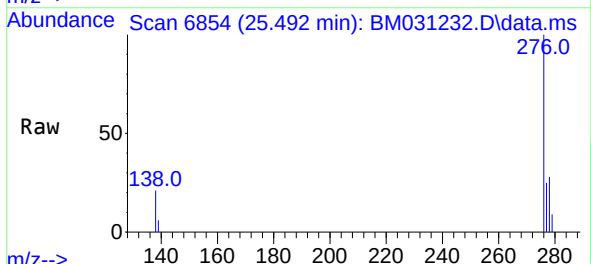
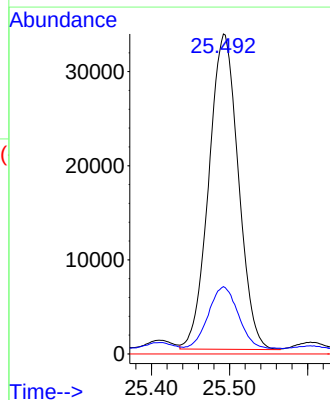
Manual Integrations
APPROVED

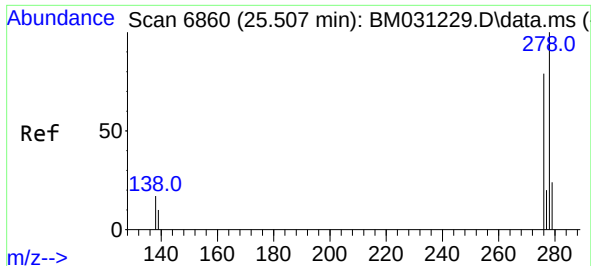
mohammad
7/29/2021 1:45:25 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.298 ng/ul
RT: 25.492 min Scan# 6854
Delta R.T. -0.005 min
Lab File: BM031232.D
Acq: 29 Jul 2021 04:59

Tgt Ion:	276	Resp:	88082
Ion Ratio	Lower	Upper	
276	100		
138	20.7	15.8	23.8
227	0.0	0.0	0.0





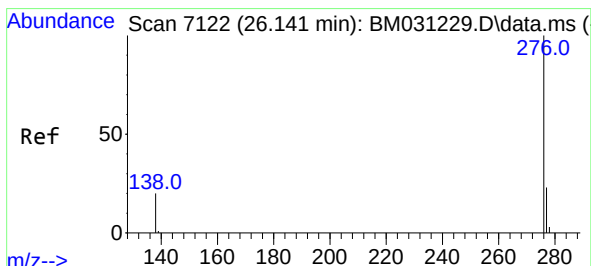
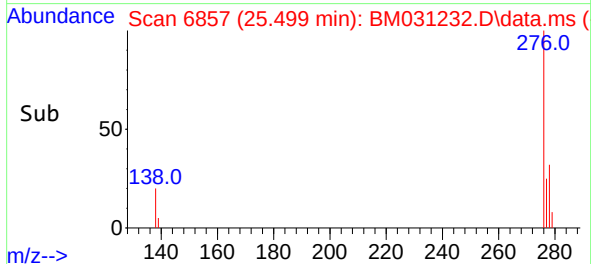
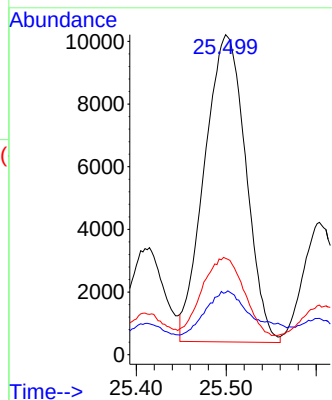
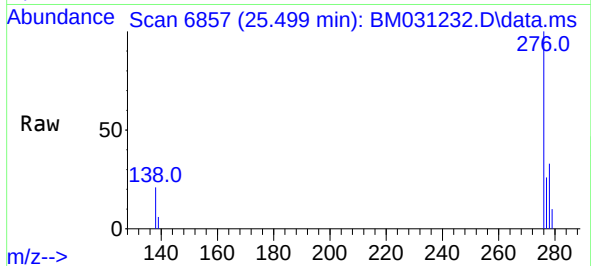
#28
Dibenzo(a,h)anthracene
Concen: 1.013 ng/ul
RT: 25.499 min Scan# 6857
Delta R.T. -0.015 min
Lab File: BM031232.D
Acq: 29 Jul 2021 04:59

Tgt Ion:	278	Resp:	31290
Ion Ratio	Lower	Upper	
278	100		
139	19.4	13.3	19.9
279	30.1	22.8	34.2

Instrument :
BNA_M
ClientSampled :
C0017

Manual Integrations
APPROVED

mohammad
7/29/2021 1:45:25 PM



#29
Benzo(g,h,i)perylene
Concen: 0.169 ng/ul
RT: 26.146 min Scan# 7124
Delta R.T. -0.003 min
Lab File: BM031232.D
Acq: 29 Jul 2021 04:59

Tgt Ion:	276	Resp:	5536
Ion Ratio	Lower	Upper	
276	100		
138	36.4	15.4	23.2#
277	38.6	19.9	29.9#

