

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031247.D
 Acq On : 29 Jul 2021 14:11
 Operator : CG/JU
 Sample : M3082-02DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0002DL

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7/30/2021 12:01:58 PM

Quant Time: Jul 29 14:45:26 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 : Thu Jul 29 13:28:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.614	152	1650	0.400	ng/ul	0.00
4) Naphthalene-d8	10.374	136	6291	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.243	164	3748	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.992	188	7404	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.181	240	5663	0.400	ng/ul	0.00
23) Perylene-d12	23.348	264	5472	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	763	0.416	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.966	152	313	0.030	ng/ul	0.00
18) Fluoranthene-d10	19.024	212	627	0.033	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.424	128	7332	0.391	ng/ul	99
7) 2-Methylnaphthalene	12.047	142	2415	0.189	ng/ul	100
8) 1-Methylnaphthalene	12.268	142	871	0.069	ng/ul	99
10) Acenaphthylene	13.963	152	4000	0.251	ng/ul	100
11) Acenaphthene	14.307	153	365	0.027	ng/ul	92
12) Fluorene	15.297	166	330	0.021	ng/ul#	82
15) Phenanthrene	17.030	178	3873	0.165	ng/ul	98
16) Anthracene	17.124	178	2224	0.101	ng/ul#	93
19) Fluoranthene	19.054	202	4675	0.193	ng/ul#	95
20) Pyrene	19.416	202	4443	0.181	ng/ul#	94
21) Benzo(a)anthracene	21.164	228	3295	0.144	ng/ul#	84
22) Chrysene	21.217	228	3741m	0.158	ng/ul	
24) Benzo(b)fluoranthene	22.706	252	11263m	0.457	ng/ul	
25) Benzo(k)fluoranthene	22.742	252	3230m	0.127	ng/ul	
26) Benzo(a)pyrene	23.253	252	5699	0.264	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.495	276	6536	0.234	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.502	278	1762	0.078	ng/ul#	62
29) Benzo(g,h,i)perylene	26.146	276	850	0.036	ng/ul#	62

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

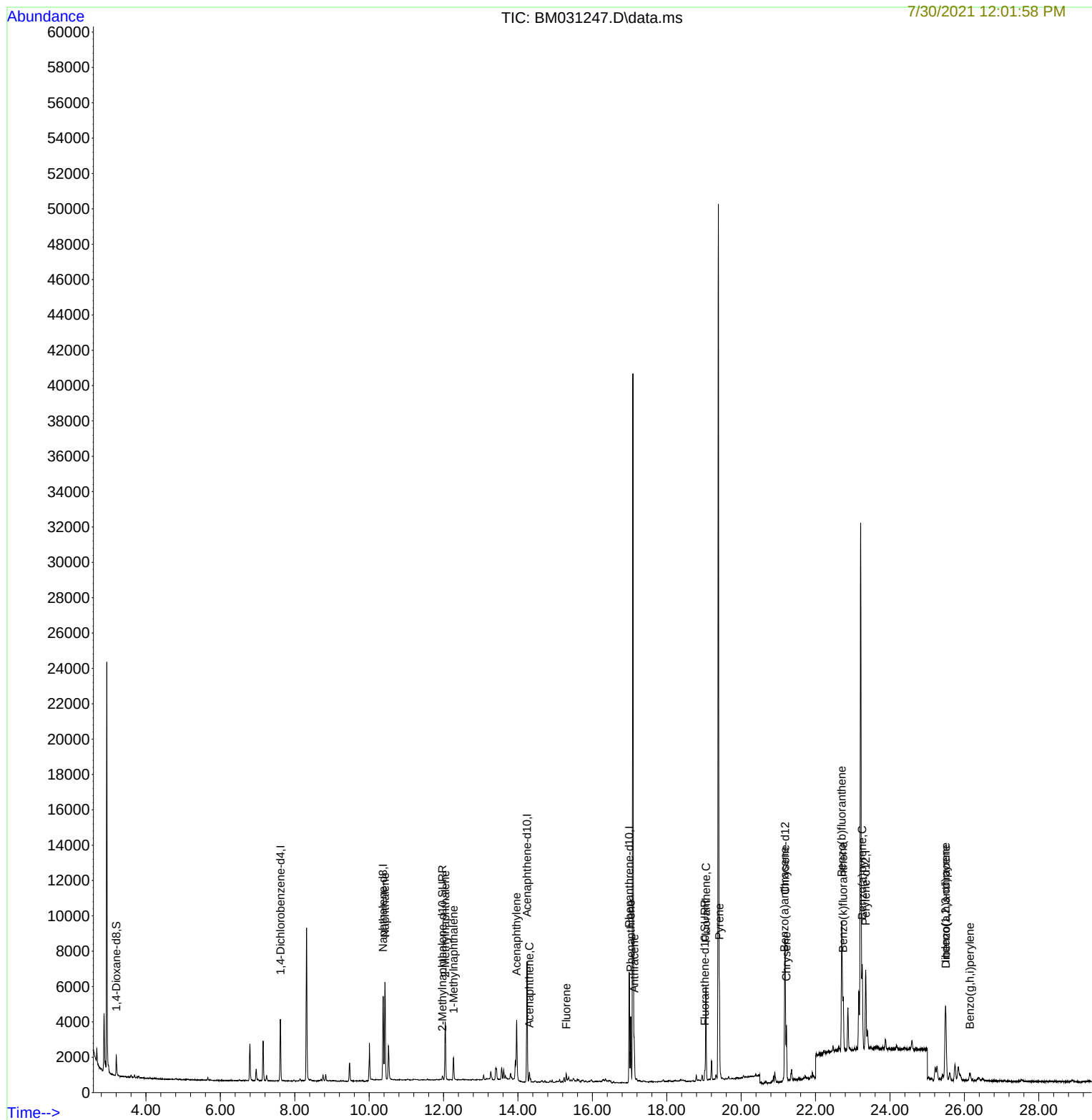
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
Data File : BM031247.D
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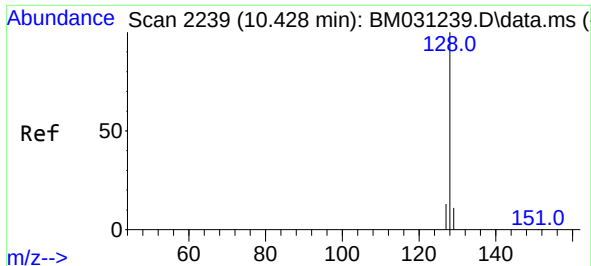
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Quant Time: Jul 29 14:45:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
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#5
Naphthalene
Concen: 0.391 ng/ul
RT: 10.424 min Scan# 2238
Delta R.T. -0.005 min
Lab File: BM031247.D
Acq: 29 Jul 2021 14:11

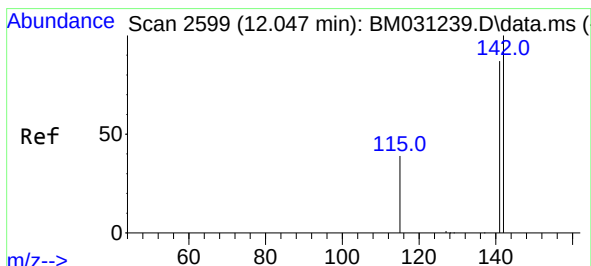
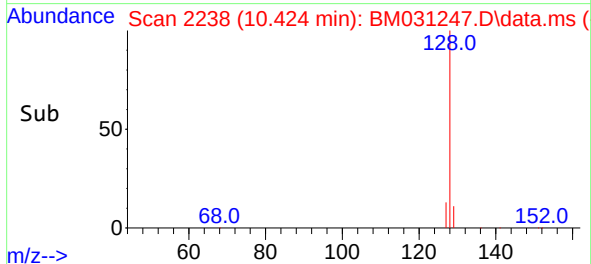
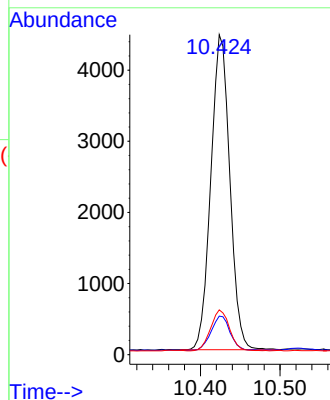
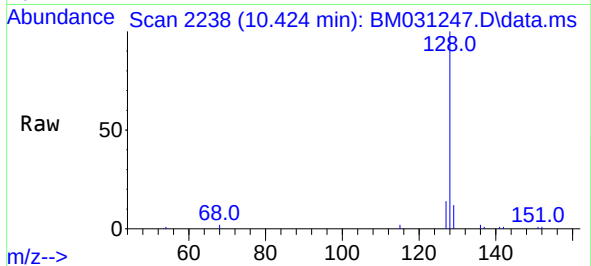
Tgt Ion:	128	Resp:	7332
Ion	Ratio	Lower	Upper
128	100		
129	12.1	10.0	15.0
127	14.0	11.6	17.4

Instrument :
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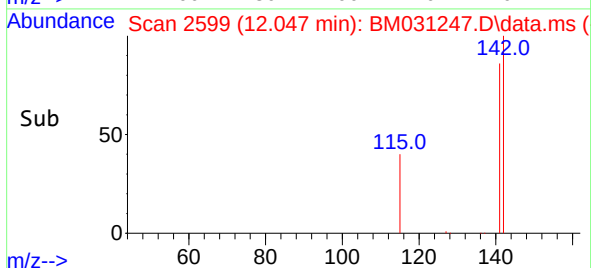
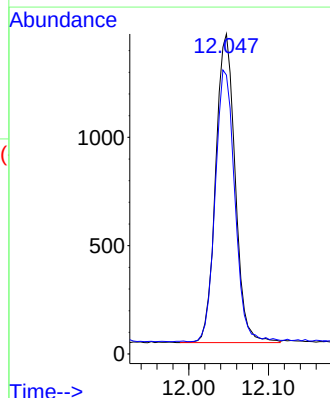
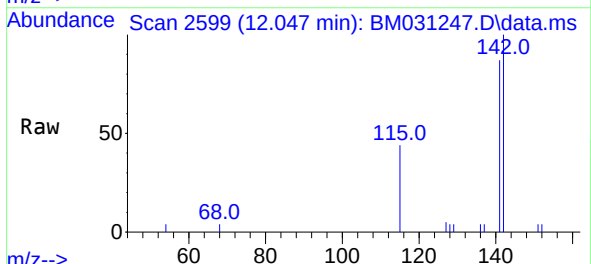
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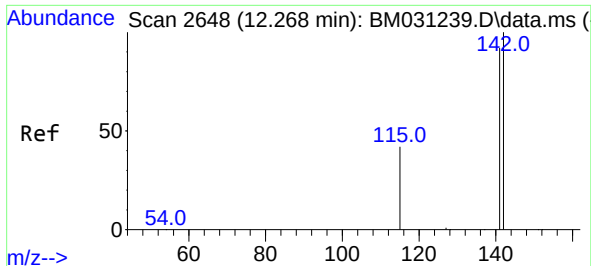
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#7
2-Methylnaphthalene
Concen: 0.189 ng/ul
RT: 12.047 min Scan# 2599
Delta R.T. -0.000 min
Lab File: BM031247.D
Acq: 29 Jul 2021 14:11

Tgt Ion:	142	Resp:	2415
Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.4	107.0





#8
1-Methylnaphthalene
Concen: 0.069 ng/ul
RT: 12.268 min Scan# 2648
Delta R.T. -0.000 min
Lab File: BM031247.D
Acq: 29 Jul 2021 14:11

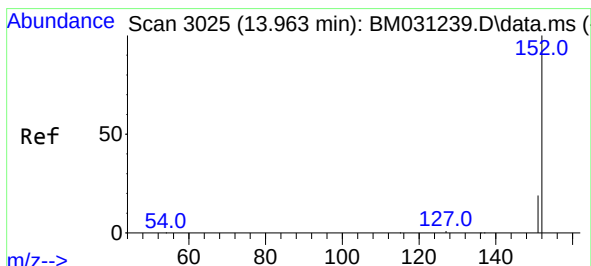
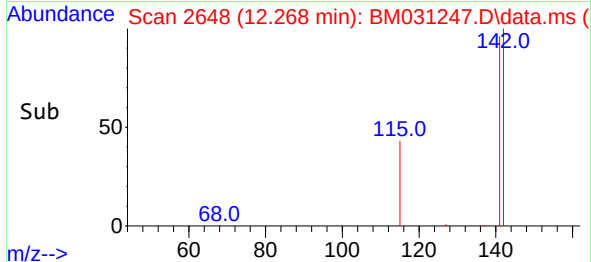
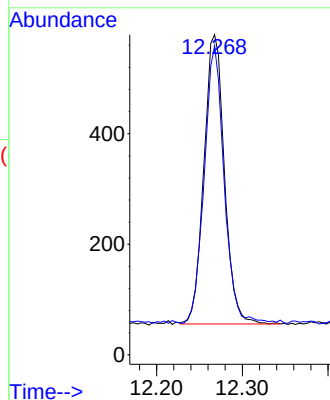
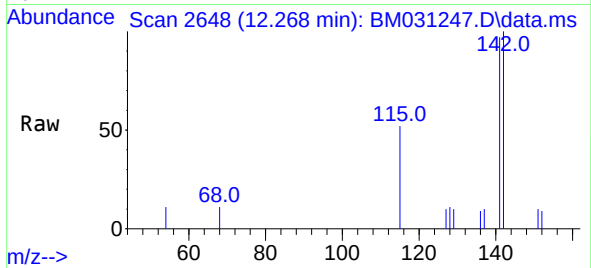
Tgt Ion:142 Resp: 871
Ion Ratio Lower Upper
142 100
141 93.5 74.1 111.1

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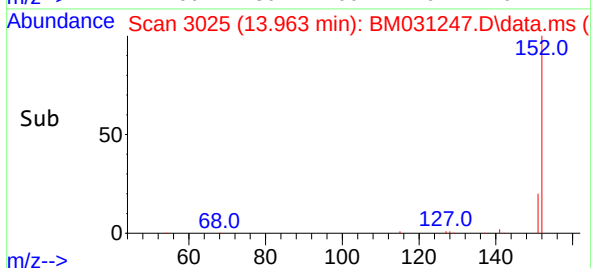
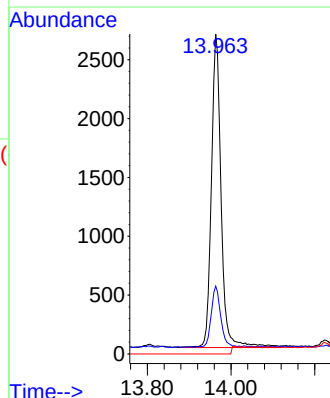
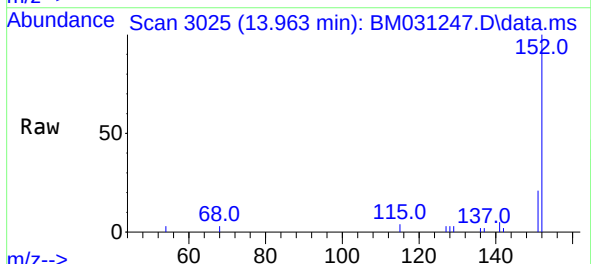
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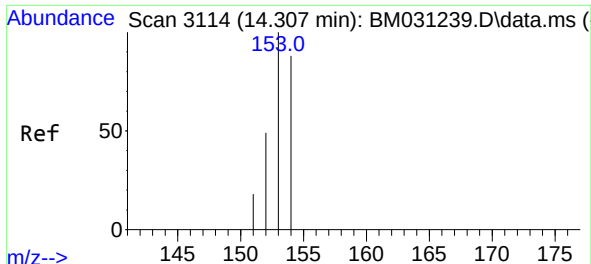
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#10
Acenaphthylene
Concen: 0.251 ng/ul
RT: 13.963 min Scan# 3025
Delta R.T. -0.000 min
Lab File: BM031247.D
Acq: 29 Jul 2021 14:11

Tgt Ion:152 Resp: 4000
Ion Ratio Lower Upper
152 100
151 21.2 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.027 ng/ul
RT: 14.307 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM031247.D
Acq: 29 Jul 2021 14:11

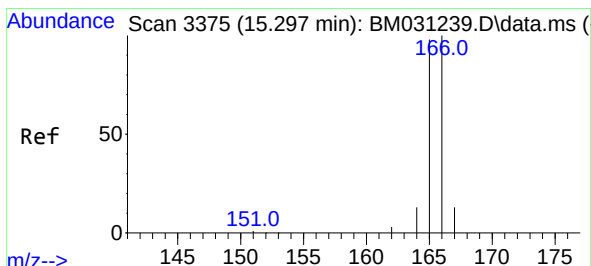
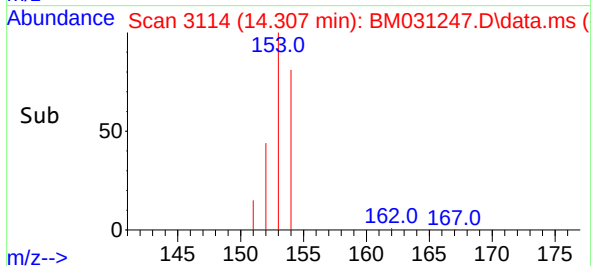
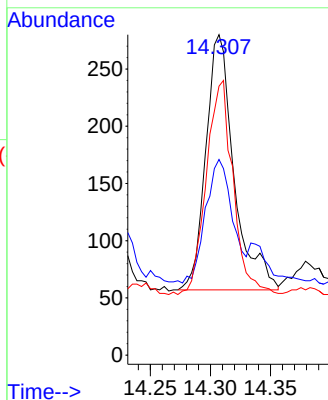
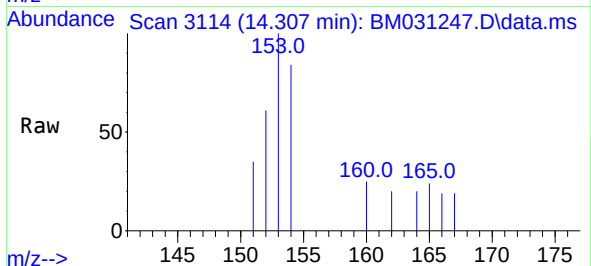
Tgt Ion:	153	Resp:	365
Ion	Ratio	Lower	Upper
153	100		
152	61.1	40.7	61.1
154	83.9	70.2	105.2

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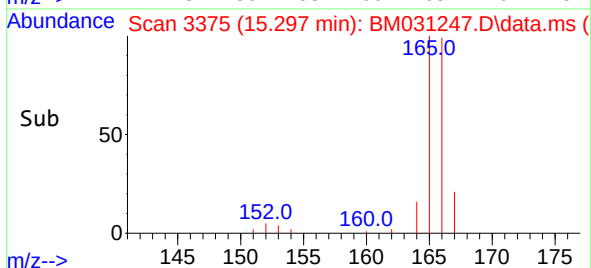
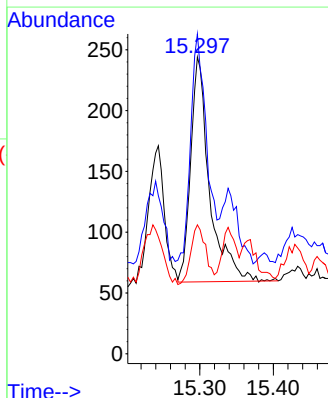
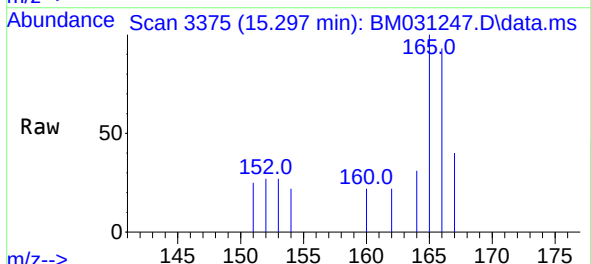
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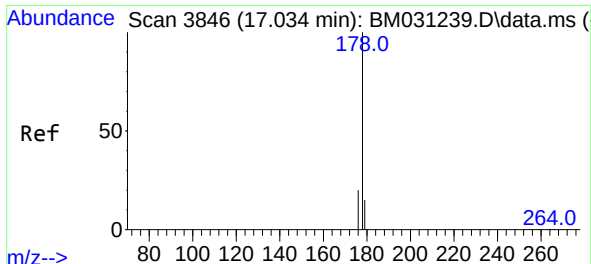
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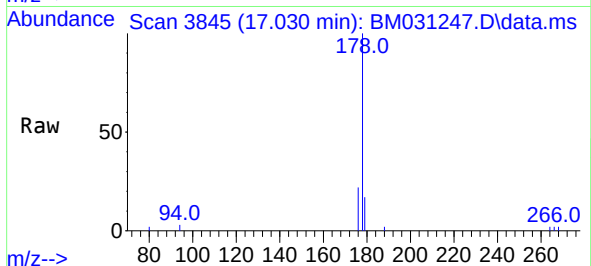
#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.297 min Scan# 3375
Delta R.T. -0.000 min
Lab File: BM031247.D
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Tgt Ion:	166	Resp:	330
Ion	Ratio	Lower	Upper
166	100		
165	107.8	78.0	117.0
167	43.4	12.0	18.0

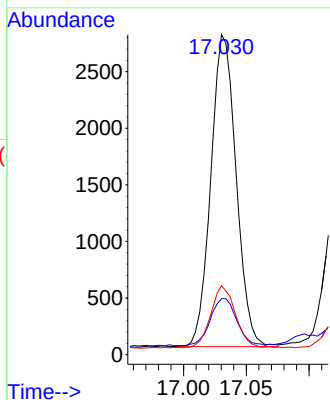




#15
Phenanthrene
Concen: 0.165 ng/uI
RT: 17.030 min Scan# 3845
Delta R.T. -0.004 min
Lab File: BM031247.D
Acq: 29 Jul 2021 14:11



Tgt Ion:	178	Resp:	3873
Ion Ratio	Lower	Upper	
178	100		
179	17.5	13.3	19.9
176	21.5	16.2	24.4

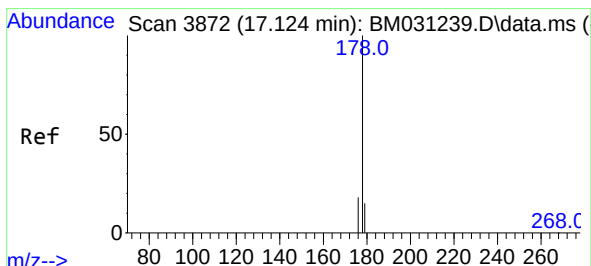


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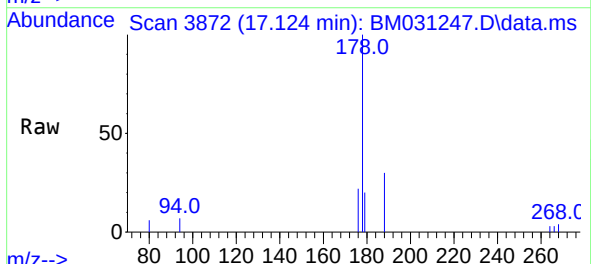
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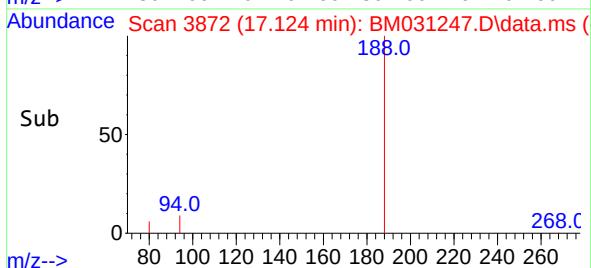
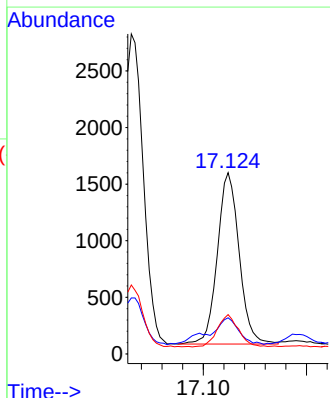
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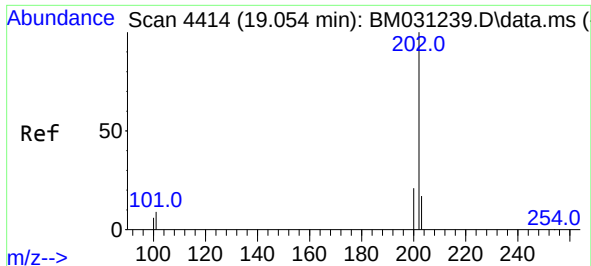


#16
Anthracene
Concen: 0.101 ng/uI
RT: 17.124 min Scan# 3872
Delta R.T. -0.000 min
Lab File: BM031247.D
Acq: 29 Jul 2021 14:11

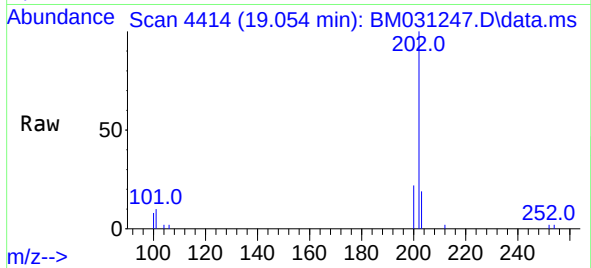


Tgt Ion:	178	Resp:	2224
Ion Ratio	Lower	Upper	
178	100		
179	20.0	13.0	19.6#
176	21.7	15.6	23.4

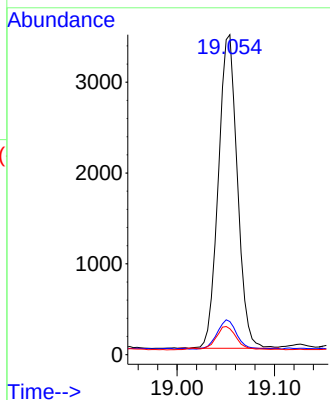




#19
Fluoranthene
Concen: 0.193 ng/ul
RT: 19.054 min Scan# 4414
Delta R.T. -0.000 min
Lab File: BM031247.D
Acq: 29 Jul 2021 14:11



Tgt Ion:202 Resp: 4675
Ion Ratio Lower Upper
202 100
101 10.3 6.6 10.0#
100 8.1 5.4 8.0#

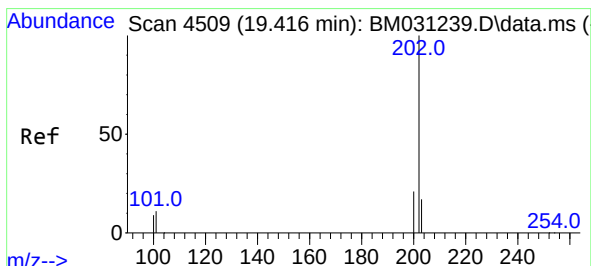


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ClientSampleID :
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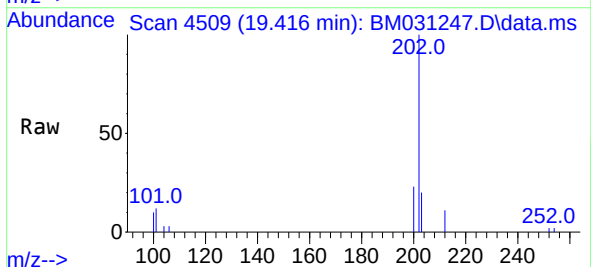
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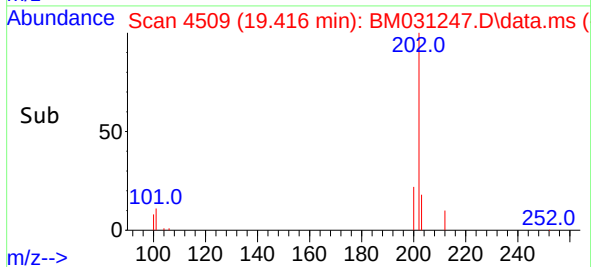
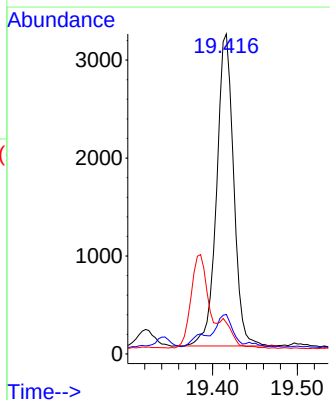
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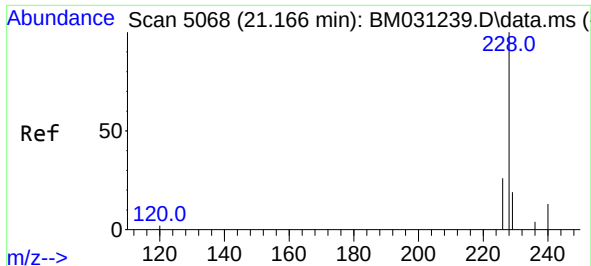


#20
Pyrene
Concen: 0.181 ng/ul
RT: 19.416 min Scan# 4509
Delta R.T. -0.000 min
Lab File: BM031247.D
Acq: 29 Jul 2021 14:11



Tgt Ion:202 Resp: 4443
Ion Ratio Lower Upper
202 100
101 12.3 7.8 11.6#
100 9.8 6.6 10.0





#21
Benzo(a)anthracene
Concen: 0.144 ng/ul
RT: 21.164 min Scan# 5067
Delta R.T. -0.003 min
Lab File: BM031247.D
Acq: 29 Jul 2021 14:11

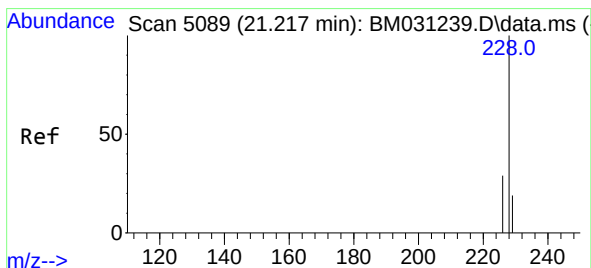
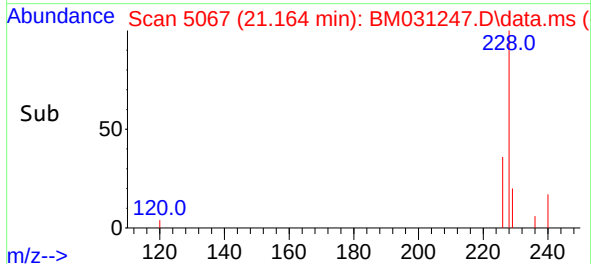
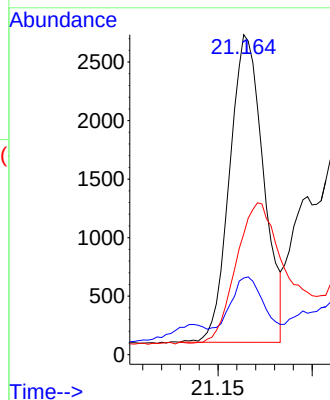
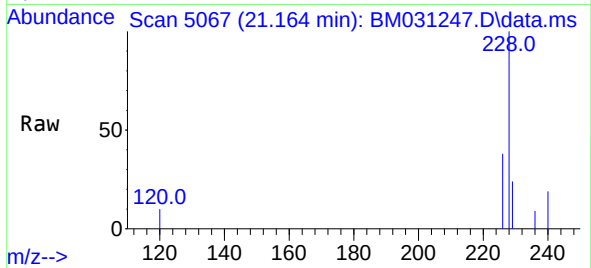
Tgt Ion:228 Resp: 3295
Ion Ratio Lower Upper
228 100
229 24.0 15.6 23.4#
226 37.7 21.7 32.5#

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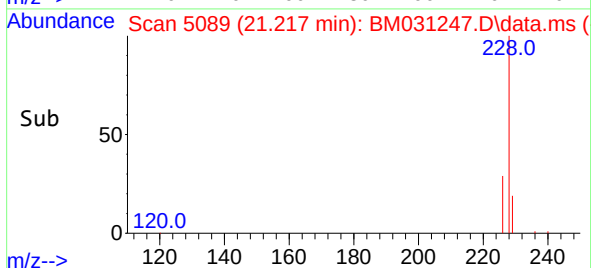
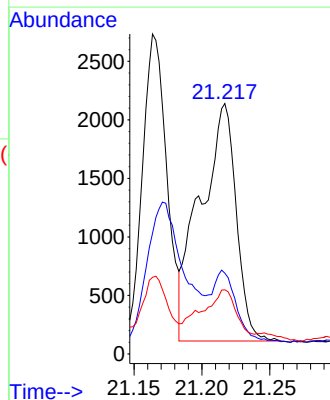
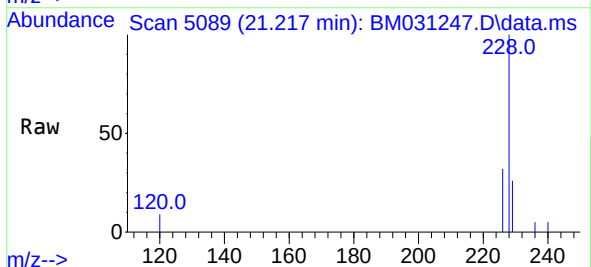
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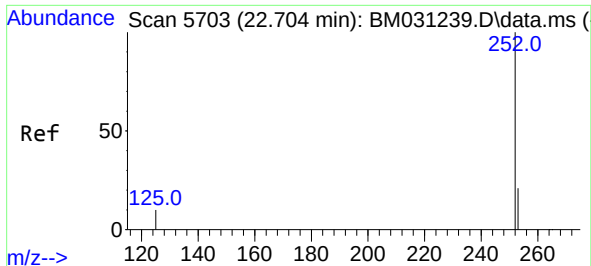
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#22
Chrysene
Concen: 0.158 ng/ul m
RT: 21.217 min Scan# 5089
Delta R.T. -0.000 min
Lab File: BM031247.D
Acq: 29 Jul 2021 14:11

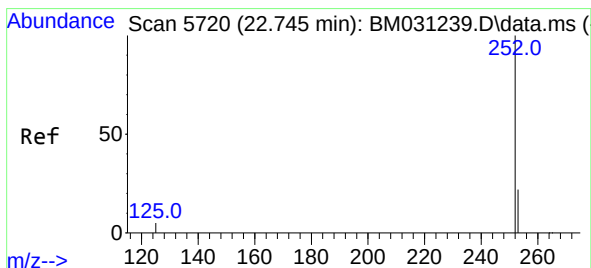
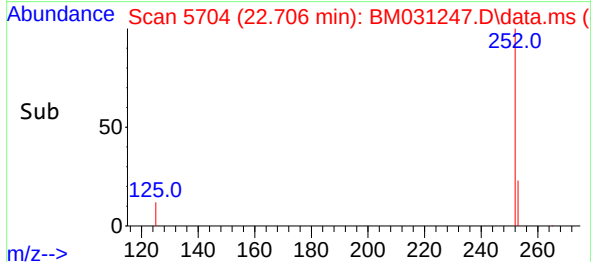
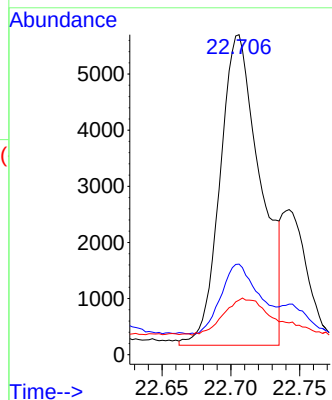
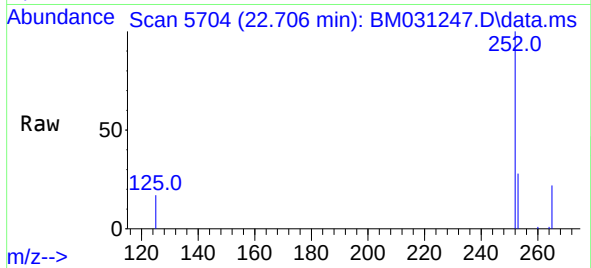
Tgt Ion:228 Resp: 3741
Ion Ratio Lower Upper
228 100
226 32.3 24.7 37.1
229 25.6 16.2 24.2#





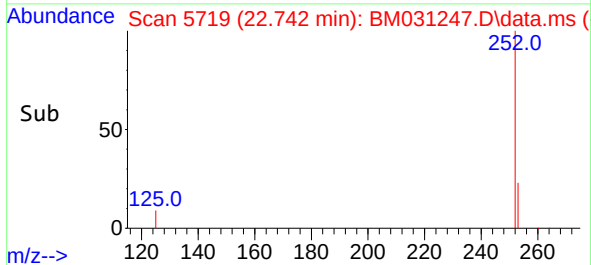
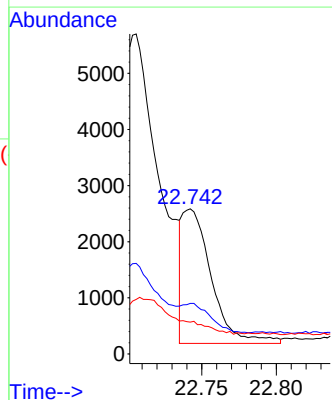
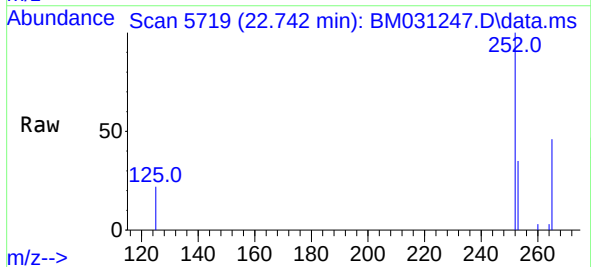
#24
Benzo(b)fluoranthene
Concen: 0.457 ng/ul m
RT: 22.706 min Scan# 5704
Delta R.T. 0.002 min
Lab File: BM031247.D
Acq: 29 Jul 2021 14:11

Tgt Ion:	252	Resp:	11263
Ion Ratio	Lower	Upper	
252	100		
253	28.3	0.0	53.0
125	17.1	0.0	22.8



#25
Benzo(k)fluoranthene
Concen: 0.127 ng/ul m
RT: 22.742 min Scan# 5719
Delta R.T. -0.003 min
Lab File: BM031247.D
Acq: 29 Jul 2021 14:11

Tgt Ion:	252	Resp:	3230
Ion Ratio	Lower	Upper	
252	100		
253	34.9	21.3	31.9#
125	22.0	8.8	13.2#

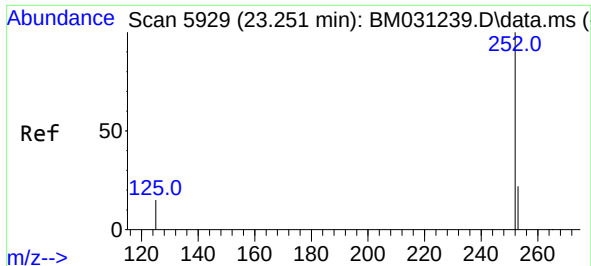


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#26
Benzo(a)pyrene
Concen: 0.264 ng/ul
RT: 23.253 min Scan# 5930
Delta R.T. 0.002 min
Lab File: BM031247.D
Acq: 29 Jul 2021 14:11

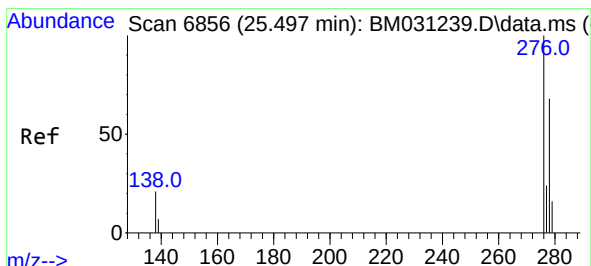
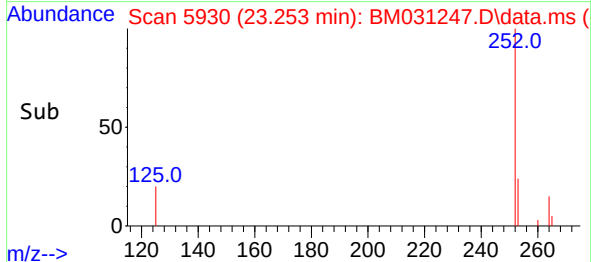
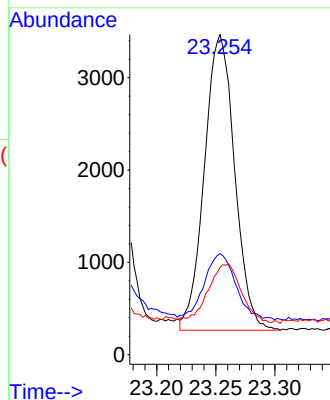
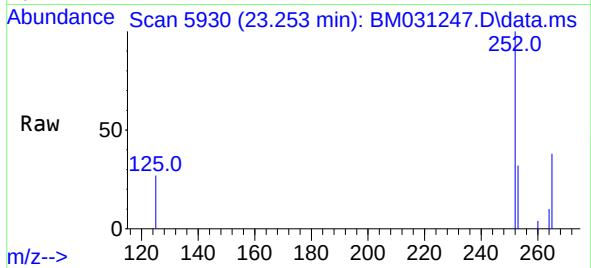
Tgt Ion:	252	Resp:	5699
Ion Ratio	Lower	Upper	
252	100		
253	31.6	22.4	33.6
125	27.3	13.0	19.4#

Instrument :
BNA_M
ClientSampleId :
C0002DL

Manual Integrations
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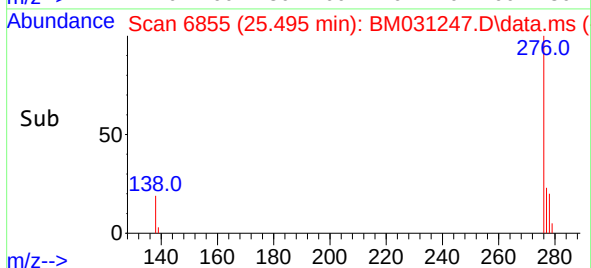
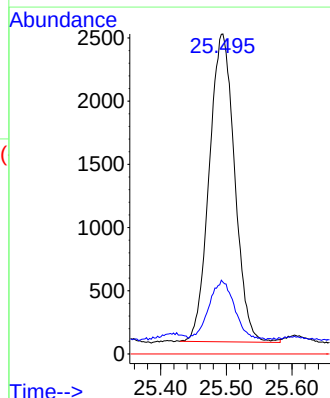
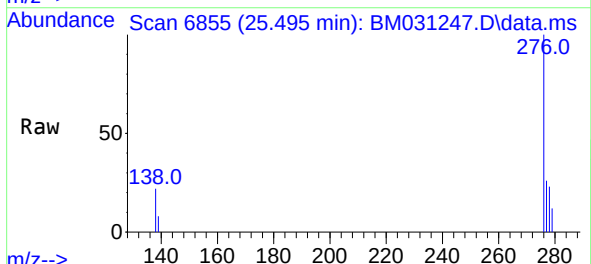
mohammad

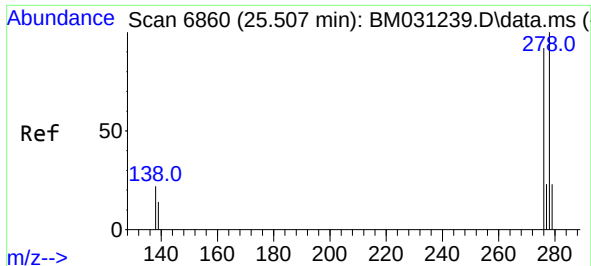
7/30/2021 12:01:58 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.234 ng/ul
RT: 25.495 min Scan# 6855
Delta R.T. -0.003 min
Lab File: BM031247.D
Acq: 29 Jul 2021 14:11

Tgt Ion:	276	Resp:	6536
Ion Ratio	Lower	Upper	
276	100		
138	19.7	15.8	23.8
227	0.0	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.078 ng/ul
RT: 25.502 min Scan# 6858
Delta R.T. -0.005 min
Lab File: BM031247.D
Acq: 29 Jul 2021 14:11

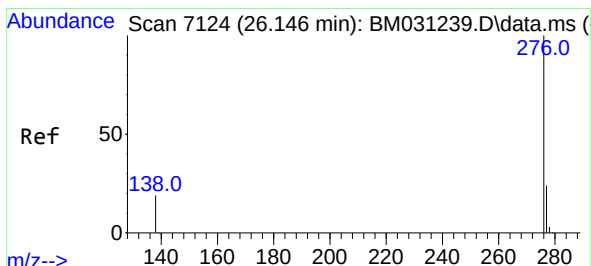
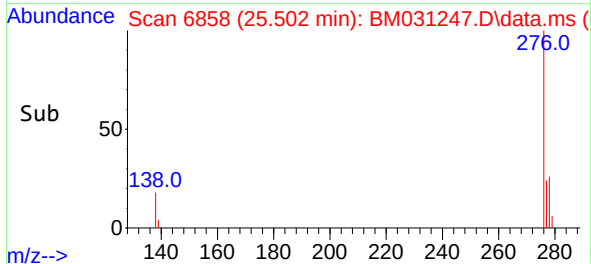
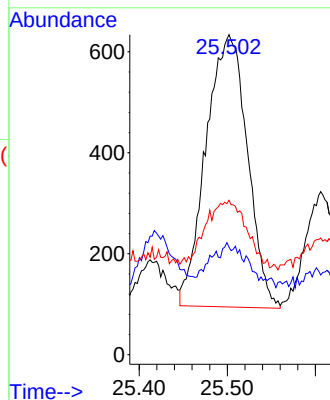
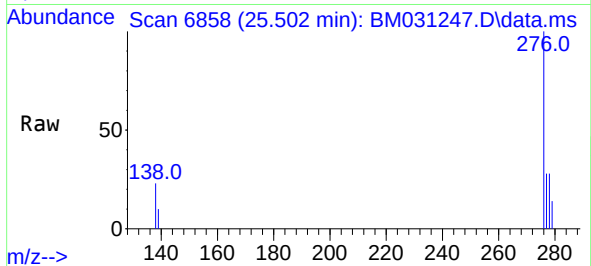
Tgt Ion:278 Resp: 1762
Ion Ratio Lower Upper
278 100
139 33.6 13.3 19.9#
279 48.3 22.8 34.2#

Instrument :
BNA_M
ClientSampled :
C0002DL

Manual Integrations
APPROVED

mohammad

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#29
Benzo(g,h,i)perylene
Concen: 0.036 ng/ul
RT: 26.146 min Scan# 7124
Delta R.T. -0.000 min
Lab File: BM031247.D
Acq: 29 Jul 2021 14:11

Tgt Ion:276 Resp: 850
Ion Ratio Lower Upper
276 100
138 39.1 15.4 23.2#
277 42.2 19.9 29.9#

