

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031241.D
 Acq On : 29 Jul 2021 10:30
 Operator : CG/JU
 Sample : M3082-09DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0007DL

Manual Integrations
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Quant Time: Jul 29 11:06:07 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 10:56:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	1610	0.400	ng/ul	0.00
4) Naphthalene-d8	10.379	136	6116	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.243	164	3733	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.992	188	7399	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.181	240	6011	0.400	ng/ul	# 0.00
23) Perylene-d12	23.346	264	5910	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	797	0.446	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	322	0.031	ng/ul	0.00
18) Fluoranthene-d10	19.020	212	718	0.036	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.424	128	7414	0.407	ng/ul	99
7) 2-Methylnaphthalene	12.043	142	4379	0.352	ng/ul	98
8) 1-Methylnaphthalene	12.268	142	3723	0.303	ng/ul	100
10) Acenaphthylene	13.963	152	5339	0.336	ng/ul	98
11) Acenaphthene	14.307	153	982	0.073	ng/ul	99
12) Fluorene	15.297	166	5394	0.350	ng/ul#	95
15) Phenanthrene	17.034	178	92466	3.936	ng/ul	97
16) Anthracene	17.124	178	27329	1.242	ng/ul	99
19) Fluoranthene	19.054	202	160766	6.263	ng/ul	99
20) Pyrene	19.417	202	129058	4.957	ng/ul	99
21) Benzo(a)anthracene	21.166	228	68054	2.804	ng/ul	93
22) Chrysene	21.217	228	64010	2.549	ng/ul	97
24) Benzo(b)fluoranthene	22.704	252	77576m	2.913	ng/ul	
25) Benzo(k)fluoranthene	22.745	252	28290m	1.028	ng/ul	
26) Benzo(a)pyrene	23.254	252	48970	2.100	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.492	276	34485	1.144	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.502	278	8863	0.365	ng/ul#	86
29) Benzo(g,h,i)perylene	26.149	276	4815	0.187	ng/ul#	83

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

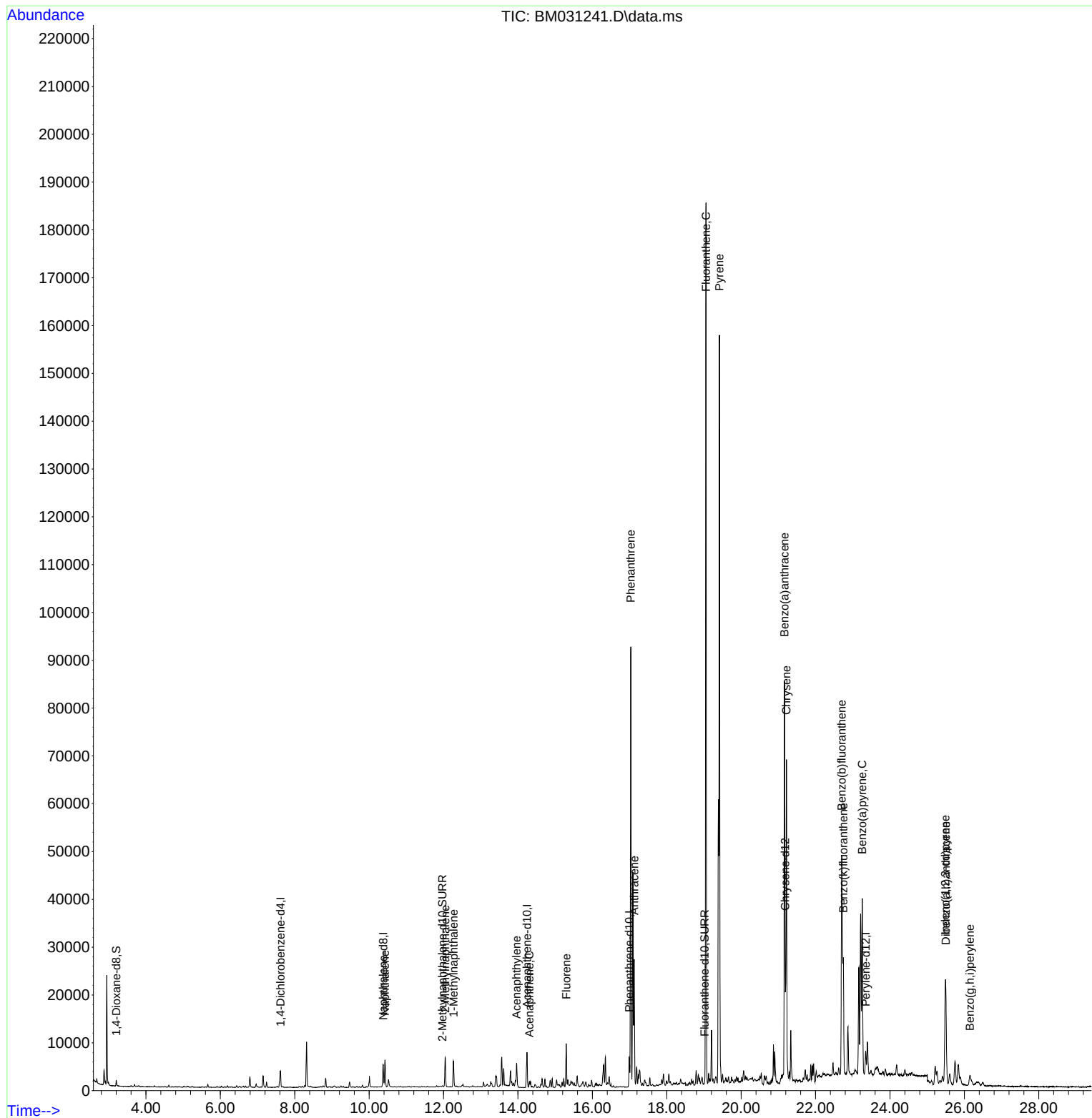
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
Data File : BM031241.D
Acq On : 29 Jul 2021 10:30
Operator : CG/JU
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ALS Vial : 4 Sample Multiplier: 1

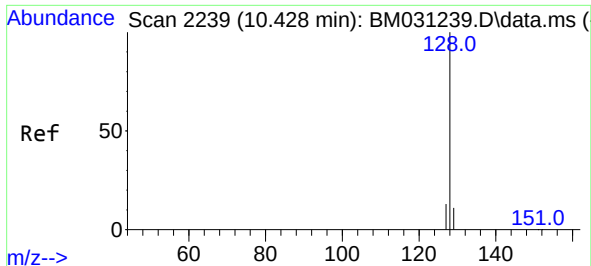
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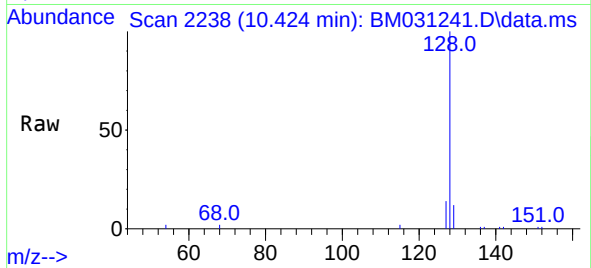
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Quant Time: Jul 29 11:06:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 29 10:56:05 2021
Response via : Initial Calibration



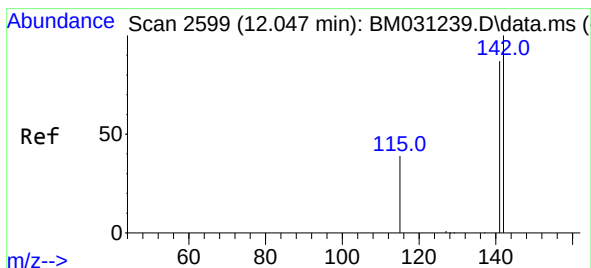
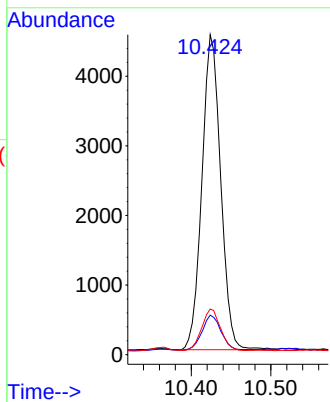
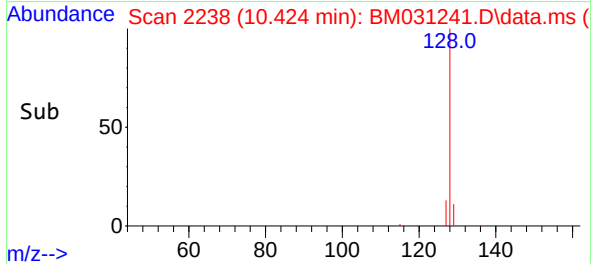


#5
Naphthalene
Concen: 0.407 ng/ul
RT: 10.424 min Scan# 2238
Delta R.T. -0.004 min
Lab File: BM031241.D
Acq: 29 Jul 2021 10:30

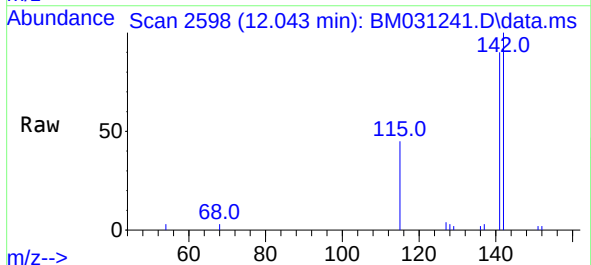


Tgt Ion:128 Resp: 7414

Ion	Ratio	Lower	Upper
128	100		
129	12.3	10.0	15.0
127	14.2	11.6	17.4

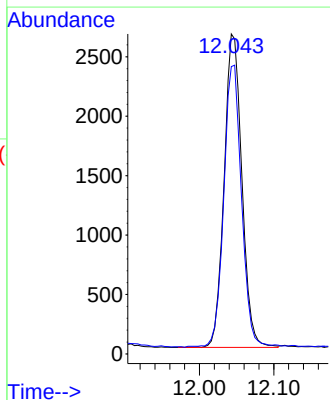
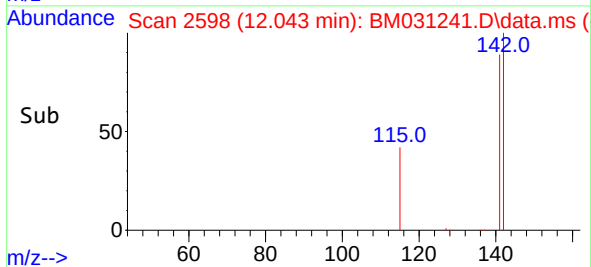


#7
2-Methylnaphthalene
Concen: 0.352 ng/ul
RT: 12.043 min Scan# 2598
Delta R.T. -0.004 min
Lab File: BM031241.D
Acq: 29 Jul 2021 10:30



Tgt Ion:142 Resp: 4379

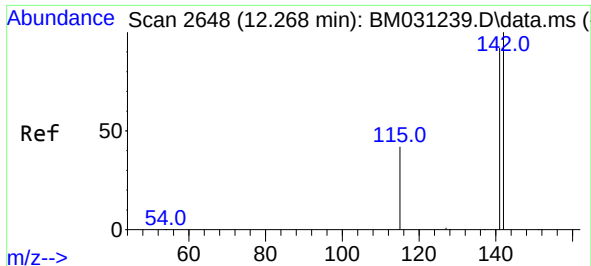
Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.4	107.0



Instrument :
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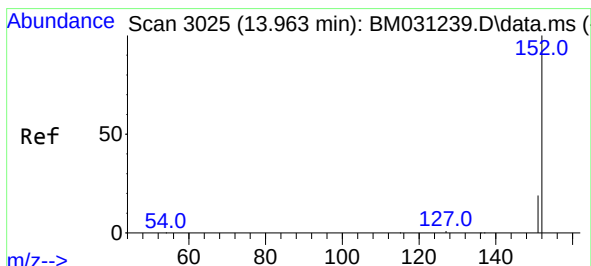
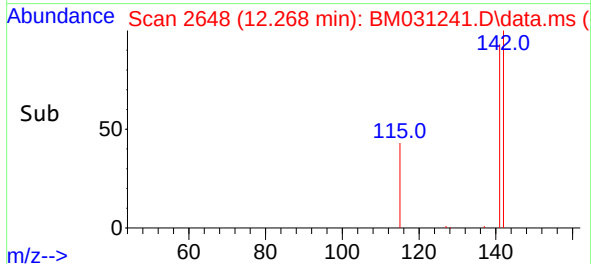
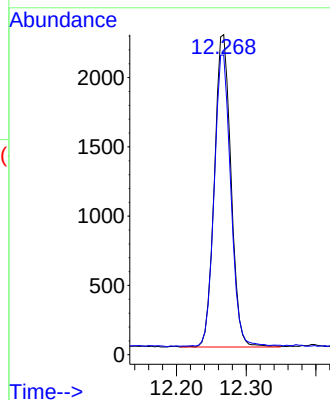
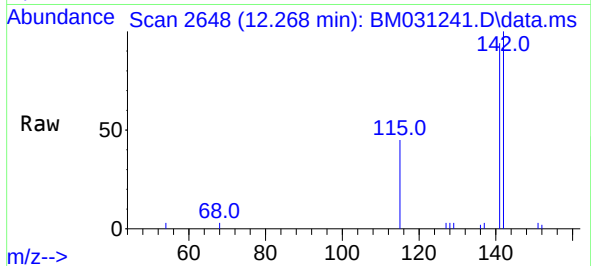
#8
1-Methylnaphthalene
Concen: 0.303 ng/ul
RT: 12.268 min Scan# 2648
Delta R.T. 0.000 min
Lab File: BM031241.D
Acq: 29 Jul 2021 10:30

Tgt Ion:142 Resp: 3723
Ion Ratio Lower Upper
142 100
141 92.9 74.1 111.1

Instrument :
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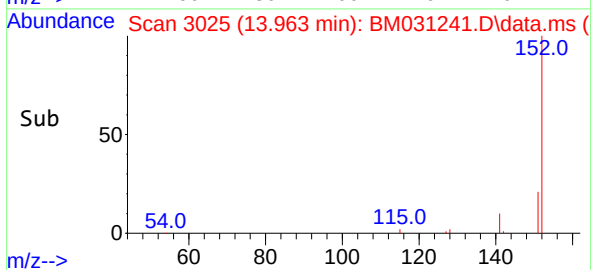
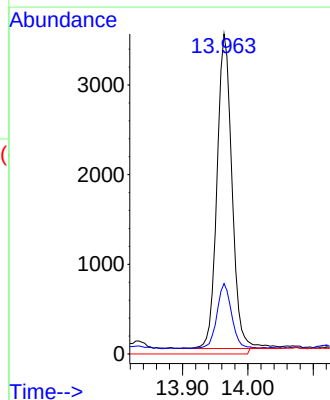
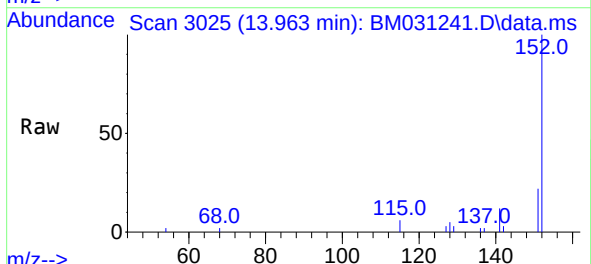
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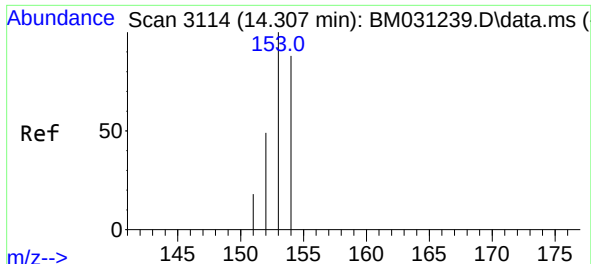
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#10
Acenaphthylene
Concen: 0.336 ng/ul
RT: 13.963 min Scan# 3025
Delta R.T. 0.000 min
Lab File: BM031241.D
Acq: 29 Jul 2021 10:30

Tgt Ion:152 Resp: 5339
Ion Ratio Lower Upper
152 100
151 22.0 16.9 25.3
153 0.0 0.0 0.0





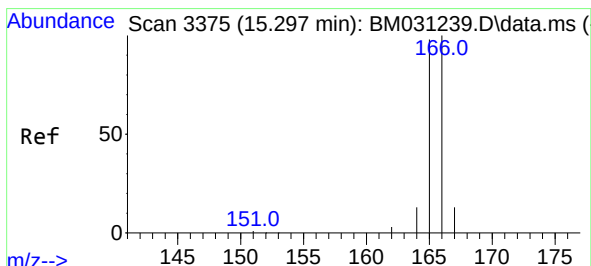
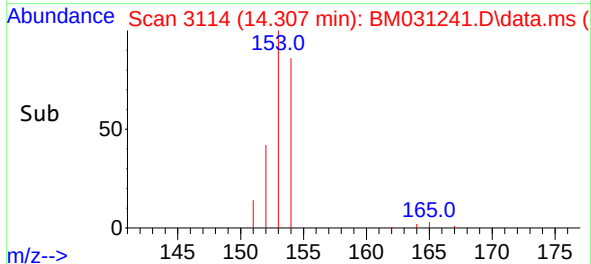
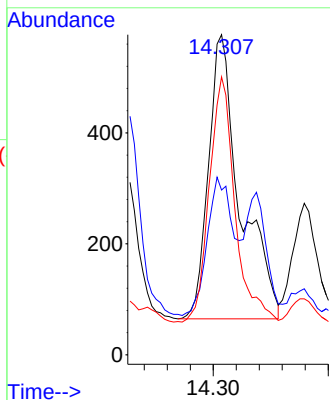
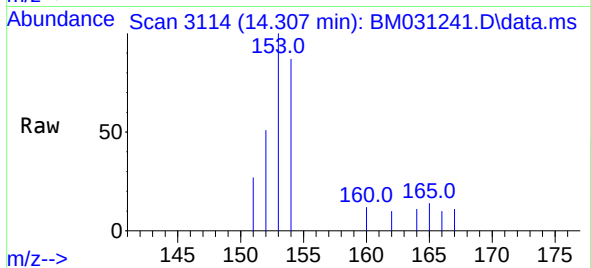
#11
Acenaphthene
Concen: 0.073 ng/ul
RT: 14.307 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM031241.D
Acq: 29 Jul 2021 10:30

Tgt Ion	Ratio	Lower	Upper
153	100		
152	51.5	40.7	61.1
154	86.8	70.2	105.2

Instrument :
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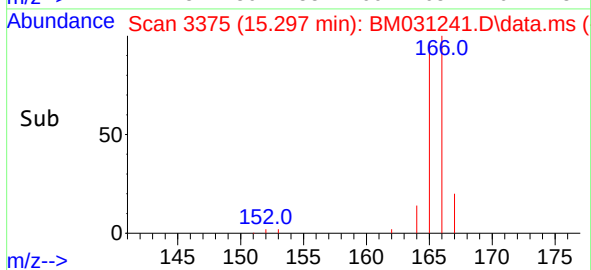
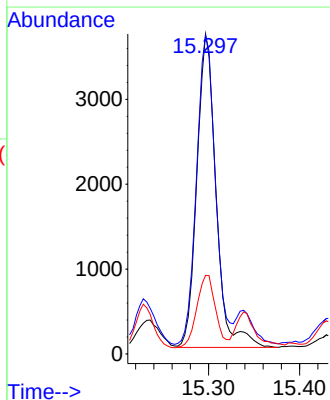
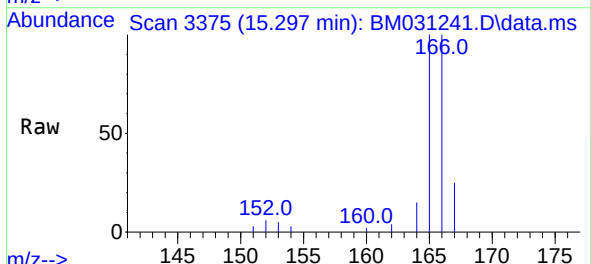
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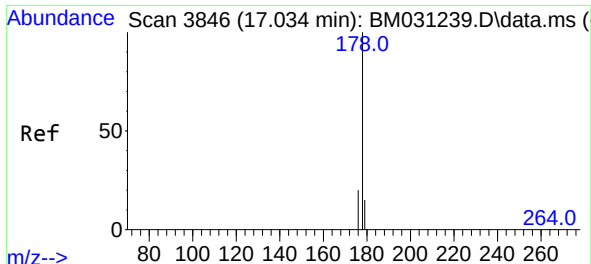
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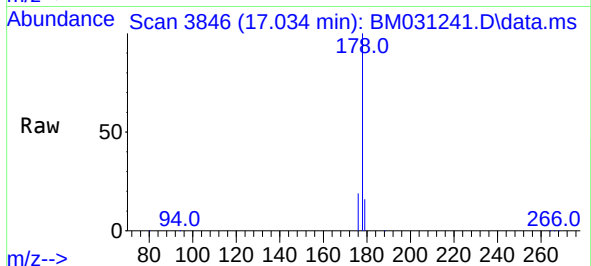
#12
Fluorene
Concen: 0.350 ng/ul
RT: 15.297 min Scan# 3375
Delta R.T. 0.000 min
Lab File: BM031241.D
Acq: 29 Jul 2021 10:30

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.0	117.0
167	24.5	12.0	18.0

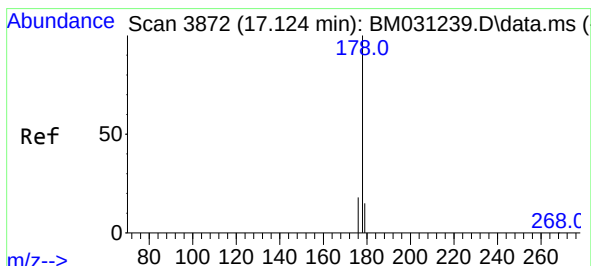
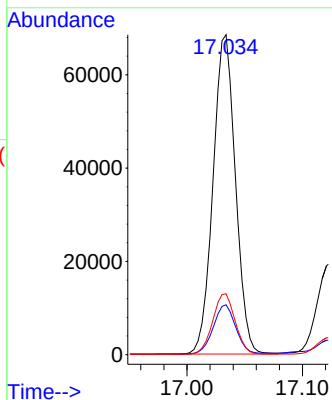




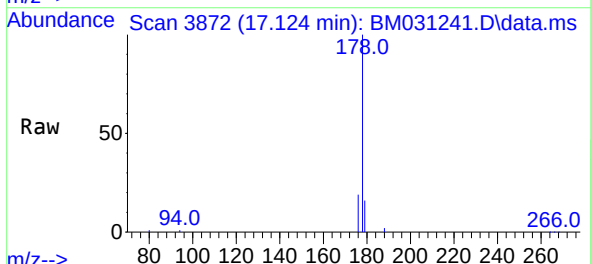
#15
Phenanthrene
Concen: 3.936 ng/u1
RT: 17.034 min Scan# 3846
Delta R.T. 0.000 min
Lab File: BM031241.D
Acq: 29 Jul 2021 10:30



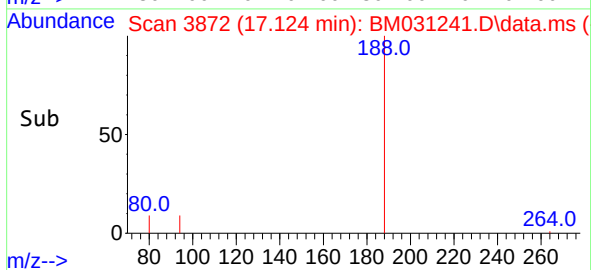
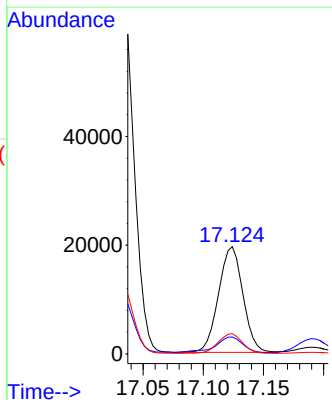
Tgt Ion:178 Resp: 92466
Ion Ratio Lower Upper
178 100
179 15.6 13.3 19.9
176 19.1 16.2 24.4



#16
Anthracene
Concen: 1.242 ng/u1
RT: 17.124 min Scan# 3872
Delta R.T. 0.000 min
Lab File: BM031241.D
Acq: 29 Jul 2021 10:30



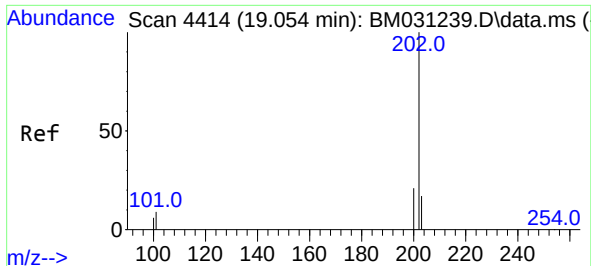
Tgt Ion:178 Resp: 27329
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 18.9 15.6 23.4



Instrument :
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C0007DL

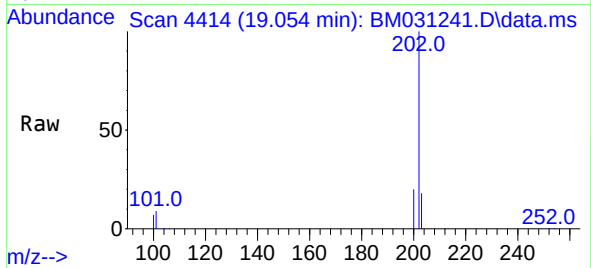
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#19
Fluoranthene
Concen: 6.263 ng/ul
RT: 19.054 min Scan# 4414
Delta R.T. 0.000 min
Lab File: BM031241.D
Acq: 29 Jul 2021 10:30

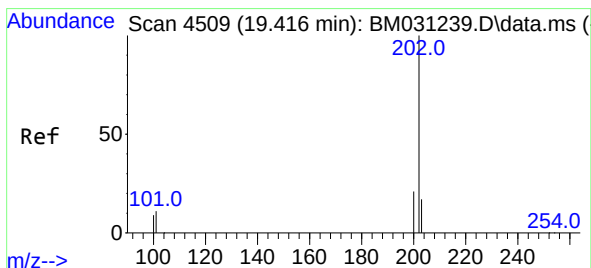
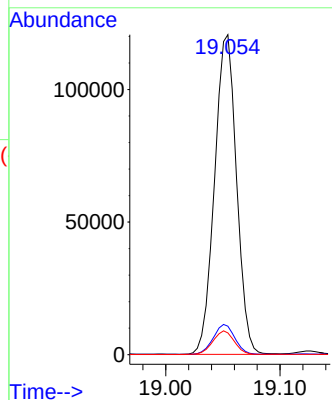
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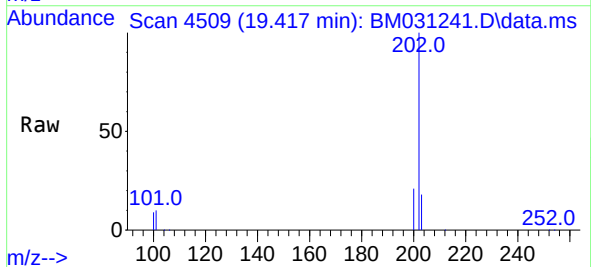
Tgt Ion:202 Resp: 160766
Ion Ratio Lower Upper
202 100
101 8.9 6.6 10.0
100 6.8 5.4 8.0

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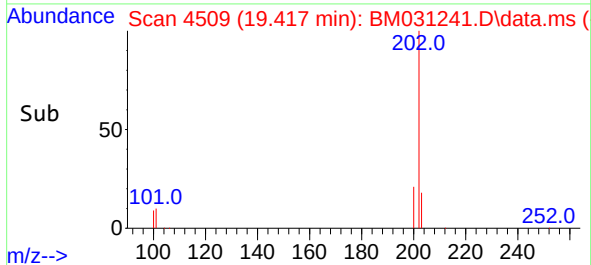
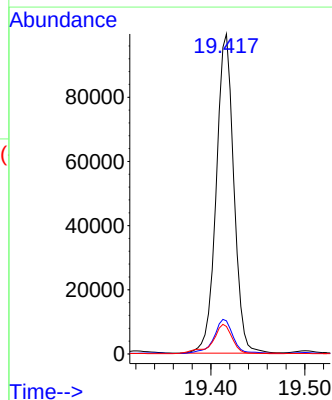
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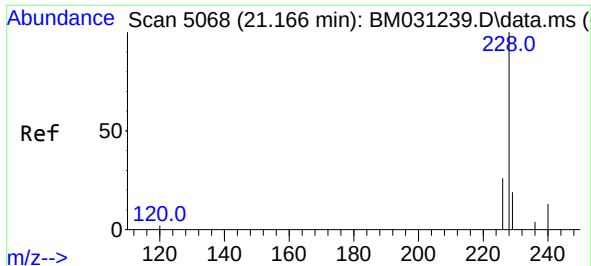


#20
Pyrene
Concen: 4.957 ng/ul
RT: 19.417 min Scan# 4509
Delta R.T. 0.000 min
Lab File: BM031241.D
Acq: 29 Jul 2021 10:30



Tgt Ion:202 Resp: 129058
Ion Ratio Lower Upper
202 100
101 10.4 7.8 11.6
100 8.6 6.6 10.0





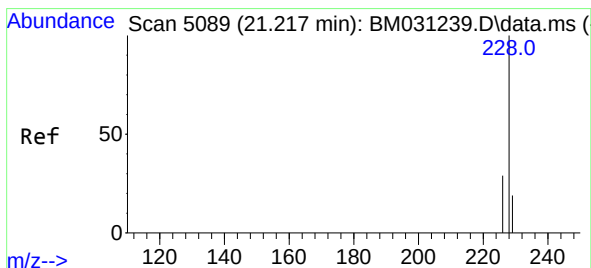
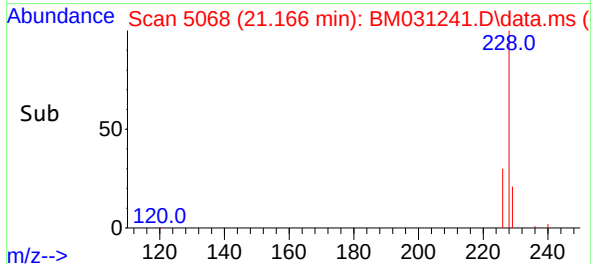
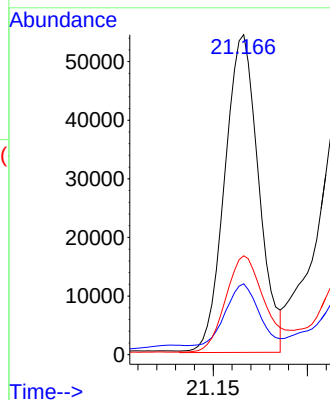
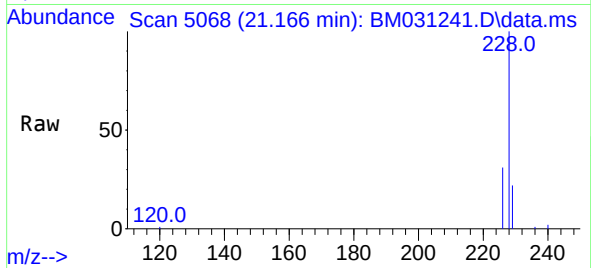
#21
Benzo(a)anthracene
Concen: 2.804 ng/ul
RT: 21.166 min Scan# 5068
Delta R.T. 0.000 min
Lab File: BM031241.D
Acq: 29 Jul 2021 10:30

Tgt Ion:228 Resp: 68054
Ion Ratio Lower Upper
228 100
229 22.2 15.6 23.4
226 30.9 21.7 32.5

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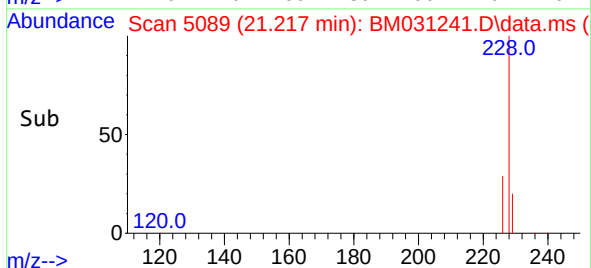
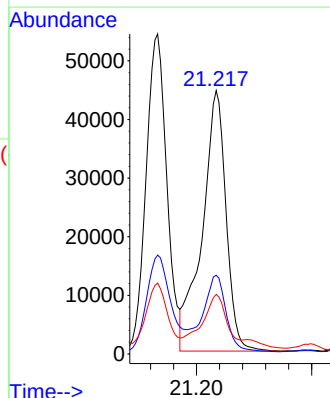
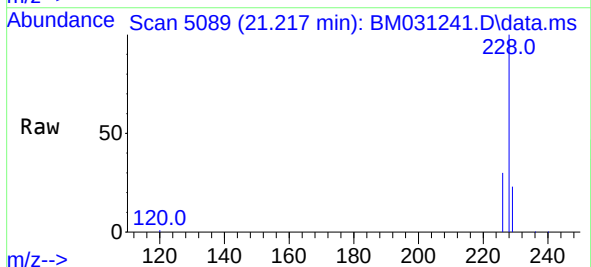
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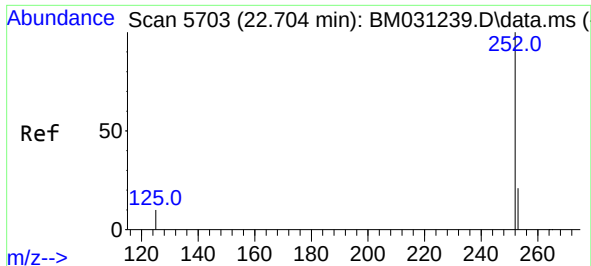
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#22
Chrysene
Concen: 2.549 ng/ul
RT: 21.217 min Scan# 5089
Delta R.T. 0.000 min
Lab File: BM031241.D
Acq: 29 Jul 2021 10:30

Tgt Ion:228 Resp: 64010
Ion Ratio Lower Upper
228 100
226 29.9 24.7 37.1
229 22.6 16.2 24.2





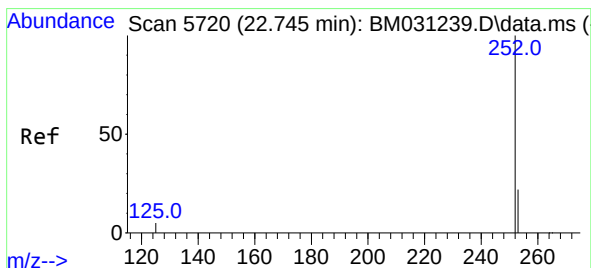
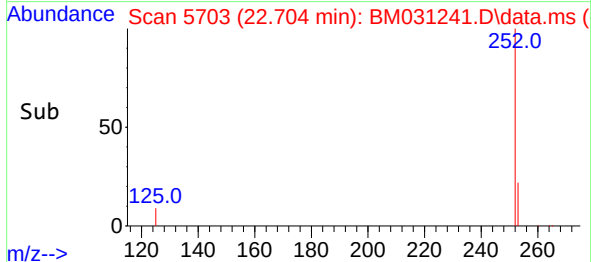
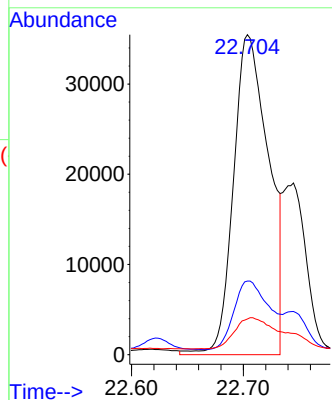
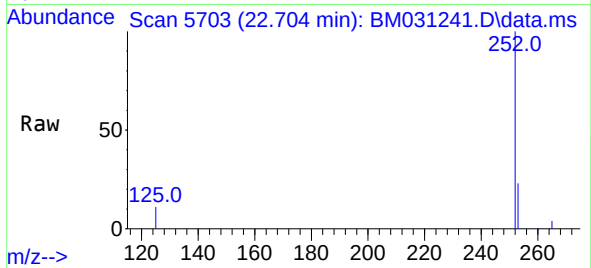
#24
Benzo(b)fluoranthene
Concen: 2.913 ng/ul m
RT: 22.704 min Scan# 5703
Delta R.T. 0.000 min
Lab File: BM031241.D
Acq: 29 Jul 2021 10:30

Tgt Ion:252 Resp: 77576
Ion Ratio Lower Upper
252 100
253 23.0 0.0 53.0
125 11.2 0.0 22.8

Instrument :
BNA_M
ClientSampled :
C0007DL

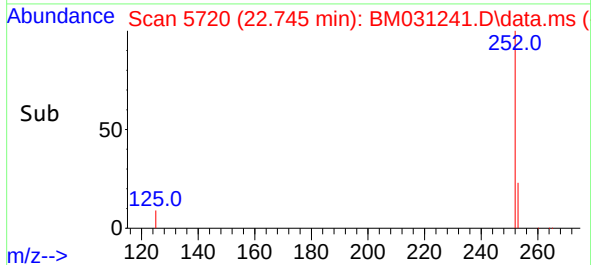
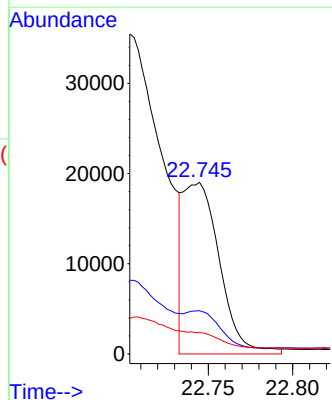
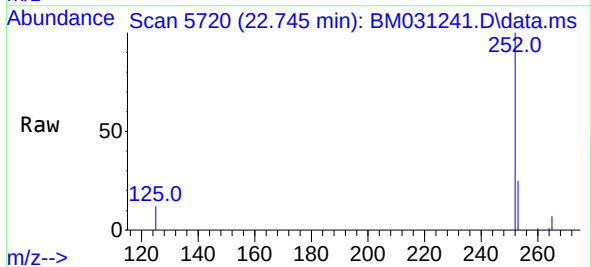
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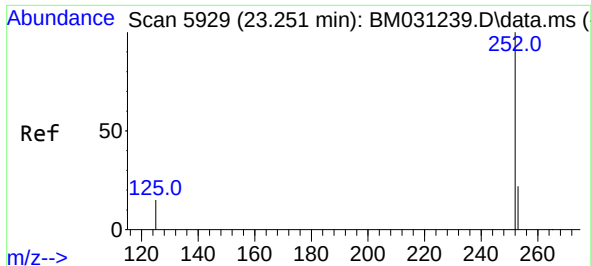
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#25
Benzo(k)fluoranthene
Concen: 1.028 ng/ul m
RT: 22.745 min Scan# 5720
Delta R.T. 0.000 min
Lab File: BM031241.D
Acq: 29 Jul 2021 10:30

Tgt Ion:252 Resp: 28290
Ion Ratio Lower Upper
252 100
253 25.2 21.3 31.9
125 12.4 8.8 13.2





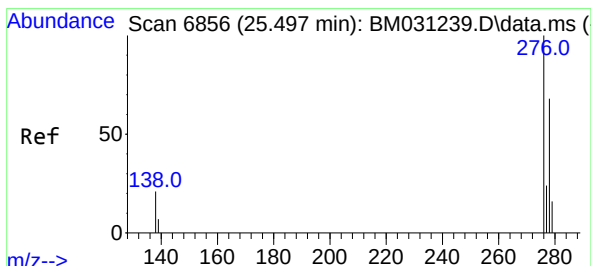
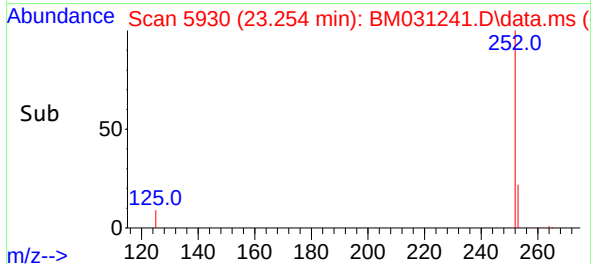
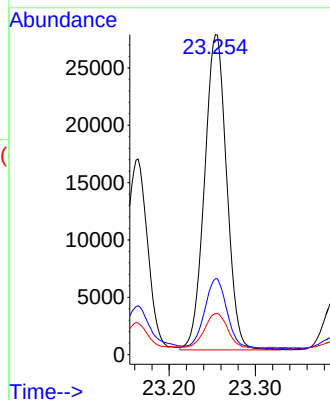
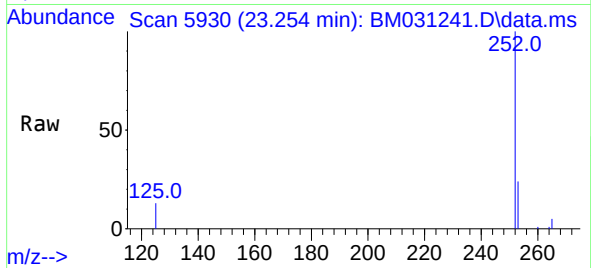
#26
Benzo(a)pyrene
Concen: 2.100 ng/ul
RT: 23.254 min Scan# 5930
Delta R.T. 0.002 min
Lab File: BM031241.D
Acq: 29 Jul 2021 10:30

Tgt Ion:252 Resp: 48970
Ion Ratio Lower Upper
252 100
253 23.8 22.4 33.6
125 12.9 13.0 19.4#

Instrument :
BNA_M
ClientSampled :
C0007DL

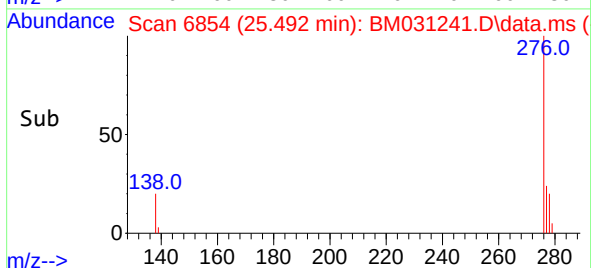
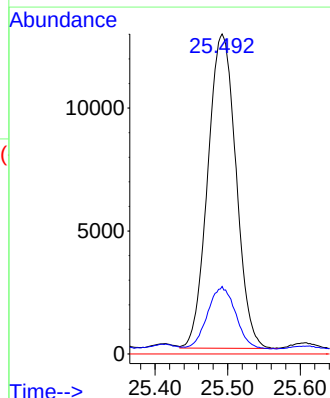
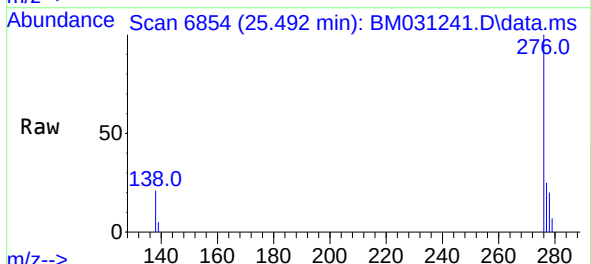
Manual Integrations
APPROVED

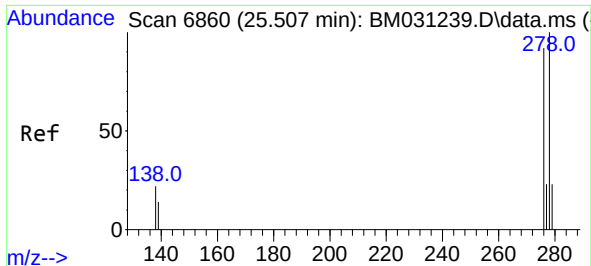
mohammad
7/30/2021 12:01:40 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.144 ng/ul
RT: 25.492 min Scan# 6854
Delta R.T. -0.005 min
Lab File: BM031241.D
Acq: 29 Jul 2021 10:30

Tgt Ion:276 Resp: 34485
Ion Ratio Lower Upper
276 100
138 20.2 15.8 23.8
227 0.0 0.0 0.0





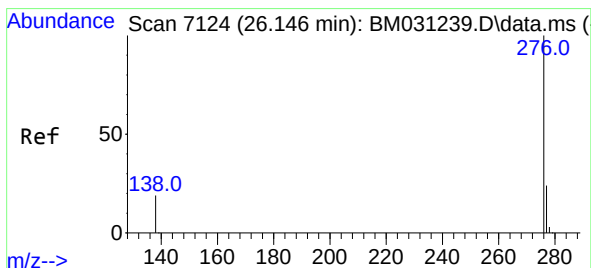
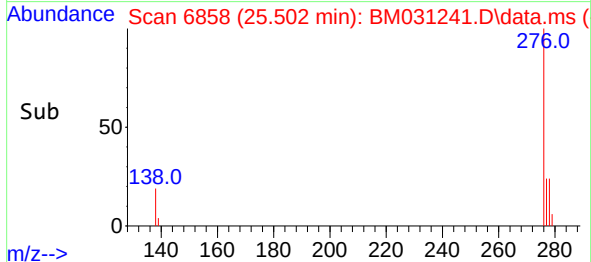
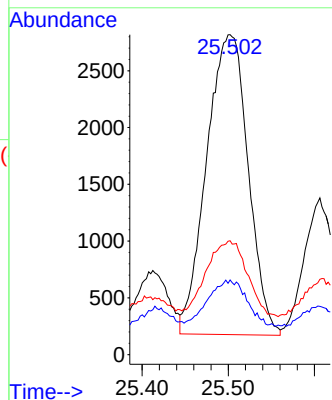
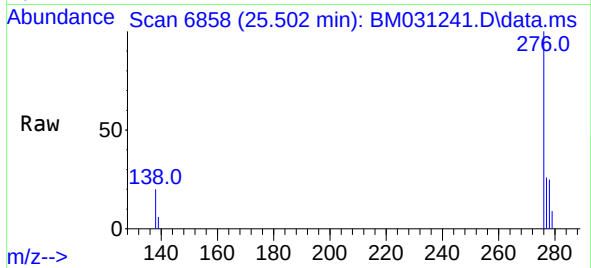
#28
Dibenzo(a,h)anthracene
Concen: 0.365 ng/ul
RT: 25.502 min Scan# 6858
Delta R.T. -0.005 min
Lab File: BM031241.D
Acq: 29 Jul 2021 10:30

Tgt Ion: 278 Resp: 8863
Ion Ratio Lower Upper
278 100
139 23.3 13.3 19.9#
279 35.6 22.8 34.2#

Instrument :
BNA_M
ClientSampleID :
C0007DL

Manual Integrations
APPROVED

mohammad
7/30/2021 12:01:40 PM



#29
Benzo(g,h,i)perylene
Concen: 0.187 ng/ul
RT: 26.149 min Scan# 7125
Delta R.T. 0.002 min
Lab File: BM031241.D
Acq: 29 Jul 2021 10:30

Tgt Ion: 276 Resp: 4815
Ion Ratio Lower Upper
276 100
138 27.6 15.4 23.2#
277 32.5 19.9 29.9#

